

ALMANAC

V

PLANETARY

PHENOMENA OF

VENUS IN BCE

The almanac V contains a list of planetary phenomena of Venus from the 6th millennium BCE to the 1st millennium BCE, from the 54th century BCE to the 1st century BCE.

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 1

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5400 Jan 29 j 11:27	29°♄16'34	-1°-21'-5	inferior conj	-5398 Jun 15 j 16:05	11°♄00'23	-4°-13'-9
minimum elong	-5400 Jan 29 j 07:26	29°♄04'13	1°21'23	minimum elong	-5398 Jun 15 j 07:32	11°♄13'21	4°10'43
	-5400 Jan 30 j 01:34	0°♄		min. Earth dist.	-5398 Jun 16 j 01:58	10°♄45'23	0.27868 AU
max. Earth dist.	-5400 Jan 31 j 06:04	1°♄27'46	1.73249 AU	morning rise	-5398 Jun 21 j 03:20	7°♄46'53	
	-5400 Feb 23 j 11:02	0°♄		direct	-5398 Jul 07 j 00:47	3°♄00'47	
evening rise	-5400 Mar 06 j 21:05	15°♄14'39		greatest brilliancy	-5398 Jul 21 j 11:00	6°♄41'45	-4.6m
	-5400 Mar 18 j 22:04	0°♄			-5398 Aug 20 j 21:31	0°♄	
asc. node	-5400 Apr 02 j 00:39	17°♄15'42		morning max el	-5398 Aug 26 j 07:54	5°♄22'01	46°42'27
	-5400 Apr 12 j 11:03	0°♄		asc. node	-5398 Sep 17 j 22:12	29°♄40'57	
	-5400 May 07 j 02:37	0°♄			-5398 Sep 18 j 04:56	0°♄	
	-5400 May 31 j 21:52	0°♄			-5398 Oct 13 j 21:18	0°♄	
	-5400 Jun 25 j 23:14	0°♄			-5398 Nov 07 j 15:48	0°♄	
	-5400 Jul 21 j 12:11	0°♄			-5398 Dec 02 j 03:40	0°♄	
desc. node	-5400 Jul 23 j 00:54	1°♄46'11			-5398 Dec 26 j 15:16	0°♄	
	-5400 Aug 17 j 01:48	0°♄		desc. node	-5397 Jan 07 j 23:41	15°♄06'25	
evening max el	-5400 Sep 02 j 21:08	17°♄45'04	47°39'04		-5397 Jan 20 j 04:10	0°♄	
	-5400 Sep 15 j 14:00	0°♄			-5397 Feb 13 j 17:39	0°♄	
greatest brilliancy	-5400 Oct 11 j 11:54	18°♄33'14	-4.7m	morning set	-5397 Mar 02 j 14:01	20°♄35'44	
retrograde	-5400 Oct 23 j 22:36	21°♄28'30			-5397 Mar 10 j 06:31	0°♄	
evening set	-5400 Nov 07 j 11:49	17°♄08'44			-5397 Apr 03 j 17:57	0°♄	
asc. node	-5400 Nov 12 j 18:05	14°♄00'00		max. Earth dist.	-5397 Apr 05 j 16:13	2°♄21'59	1.73708 AU
min. Earth dist.	-5400 Nov 12 j 20:15	13°♄56'36	0.26857 AU				
inferior conj	-5400 Nov 13 j 14:43	13°♄27'46	0°13'01	superior conj	-5397 Apr 07 j 18:14	4°♄55'31	0°-49'-37
minimum elong	-5400 Nov 13 j 14:15	13°♄28'31	0°12'49	minimum elong	-5397 Apr 08 j 02:08	5°♄19'45	0°49'28
transit middle	-5400 Nov 13 j 14:15	13°♄28'31	0°12'49		-5397 Apr 28 j 03:36	0°♄	
transit begin	-5400 Nov 13 j 11:39	13°♄32'35		asc. node	-5397 Apr 30 j 13:28	2°♄58'09	
transit end	-5400 Nov 13 j 16:51	13°♄24'27		evening rise	-5397 May 13 j 09:03	18°♄45'52	
morning rise	-5400 Nov 19 j 17:35	9°♄49'33			-5397 May 22 j 11:31	0°♄	
direct	-5400 Dec 03 j 23:34	5°♄43'27			-5397 Jun 15 j 18:07	0°♄	
greatest brilliancy	-5400 Dec 14 j 21:25	7°♄58'04	-4.6m		-5397 Jul 10 j 00:37	0°♄	
	-5399 Jan 14 j 23:56	0°♄			-5397 Aug 03 j 09:00	0°♄	
morning max el	-5399 Jan 22 j 10:44	7°♄03'06	46°11'44	desc. node	-5397 Aug 20 j 12:52	21°♄00'36	
	-5399 Feb 13 j 18:02	0°♄			-5397 Aug 27 j 22:04	0°♄	
desc. node	-5399 Mar 04 j 21:21	21°♄00'20			-5397 Sep 21 j 20:03	0°♄	
	-5399 Mar 12 j 20:56	0°♄			-5397 Oct 17 j 11:59	0°♄	
	-5399 Apr 07 j 21:56	0°♄		evening max el	-5397 Nov 13 j 21:53	29°♄51'24	46°52'17
	-5399 May 03 j 06:55	0°♄			-5397 Nov 14 j 01:16	0°♄	
	-5399 May 28 j 03:37	0°♄		asc. node	-5397 Dec 11 j 05:19	24°♄01'10	
	-5399 Jun 21 j 14:07	0°♄		greatest brilliancy	-5397 Dec 19 j 16:51	29°♄09'44	-4.6m
asc. node	-5399 Jun 25 j 12:41	4°♄52'46			-5397 Dec 21 j 10:35	0°♄	
	-5399 Jul 15 j 16:24	0°♄		retrograde	-5396 Jan 03 j 12:07	3°♄10'20	
morning set	-5399 Jul 18 j 03:02	3°♄03'38			-5396 Jan 15 j 23:03	30°♄	
	-5399 Aug 08 j 13:09	0°♄		evening set	-5396 Jan 20 j 16:30	27°♄21'58	
				min. Earth dist.	-5396 Jan 24 j 04:40	25°♄09'08	0.28935 AU
superior conj	-5399 Aug 25 j 16:15	21°♄37'22	1°22'45	inferior conj	-5396 Jan 24 j 19:21	24°♄45'28	7°54'16
minimum elong	-5399 Aug 25 j 19:32	21°♄47'45	1°23'02	minimum elong	-5396 Jan 24 j 14:17	24°♄53'39	7°53'32
max. Earth dist.	-5399 Aug 25 j 08:55	21°♄14'13	1.70903 AU	morning rise	-5396 Jan 28 j 12:21	22°♄24'31	
	-5399 Sep 01 j 07:27	0°♄		direct	-5396 Feb 15 j 03:39	16°♄26'27	
	-5399 Sep 25 j 02:14	0°♄		greatest brilliancy	-5396 Feb 26 j 13:37	18°♄46'18	-4.5m
evening rise	-5399 Oct 06 j 03:15	13°♄53'13			-5396 Mar 16 j 06:58	0°♄	
desc. node	-5399 Oct 15 j 11:48	25°♄37'37		desc. node	-5396 Apr 01 j 08:29	13°♄44'35	
	-5399 Oct 18 j 23:35	0°♄		morning max el	-5396 Apr 03 j 20:10	16°♄04'57	45°50'26
	-5399 Nov 12 j 00:33	0°♄			-5396 Apr 17 j 20:43	0°♄	
	-5399 Dec 06 j 06:01	0°♄			-5396 May 15 j 14:13	0°♄	
	-5399 Dec 30 j 17:55	0°♄			-5396 Jun 10 j 14:55	0°♄	
	-5398 Jan 24 j 16:34	0°♄			-5396 Jul 05 j 16:25	0°♄	
asc. node	-5398 Feb 05 j 02:07	13°♄26'14		asc. node	-5396 Jul 23 j 00:54	21°♄15'28	
	-5398 Feb 19 j 10:03	0°♄			-5396 Jul 30 j 02:22	0°♄	
	-5398 Mar 18 j 15:00	0°♄			-5396 Aug 23 j 02:09	0°♄	
evening max el	-5398 Apr 07 j 03:45	19°♄39'42	45°10'32		-5396 Sep 15 j 20:49	0°♄	
	-5398 Apr 18 j 15:47	0°♄		morning set	-5396 Sep 30 j 12:03	18°♄29'37	
greatest brilliancy	-5398 May 13 j 06:41	16°♄11'39	-4.5m		-5396 Oct 09 j 14:47	0°♄	
retrograde	-5398 May 25 j 12:12	18°♄47'56			-5396 Nov 02 j 11:01	0°♄	
desc. node	-5398 May 28 j 04:35	18°♄39'41					
evening set	-5398 Jun 09 j 11:04	14°♄36'19		superior conj	-5396 Nov 11 j 13:54	11°♄25'47	0°01'03

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 2

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5396 Nov 11 j 14:10	11°♂26'35	0°01'00	min. Earth dist.	-5393 Apr 04 j 12:14	0°♂37'14	0.29272 AU
behind sun begin	-5396 Nov 10 j 11:06	10°♂01'51			-5393 Apr 05 j 12:05	30°♂	
behind sun end	-5396 Nov 12 j 17:14	12°♂51'16		morning rise	-5393 Apr 09 j 12:30	27°♂35'40	
desc. node	-5396 Nov 12 j 00:38	11°♂59'22		direct	-5393 Apr 25 j 14:28	22°♂40'16	
max. Earth dist.	-5396 Nov 17 j 02:27	18°♂20'09	1.71550 AU	desc. node	-5393 Apr 29 j 19:35	23°♂00'25	
	-5396 Nov 26 j 10:44	0°♂		greatest brilliancy	-5393 May 09 j 20:52	26°♂12'20	-4.5m
	-5396 Dec 20 j 13:57	0°♂			-5393 May 16 j 20:17	0°♂	
evening rise	-5396 Dec 23 j 08:32	3°♂26'14		morning max el	-5393 Jun 13 j 22:25	23°♂05'28	46°06'48
	-5395 Jan 13 j 20:39	0°♂			-5393 Jun 20 j 21:35	0°♂	
	-5395 Feb 07 j 07:46	0°♂			-5393 Jul 18 j 14:50	0°♂	
	-5395 Mar 04 j 01:12	0°♂			-5393 Aug 13 j 06:02	0°♂	
asc. node	-5395 Mar 04 j 14:18	0°♂39'28		asc. node	-5393 Aug 20 j 12:54	8°♂47'01	
	-5395 Mar 29 j 03:44	0°♂			-5393 Sep 06 j 20:48	0°♂	
	-5395 Apr 23 j 19:33	0°♂			-5393 Sep 30 j 23:26	0°♂	
	-5395 May 20 j 09:27	0°♂			-5393 Oct 24 j 21:53	0°♂	
	-5395 Jun 18 j 00:48	0°♂			-5393 Nov 17 j 21:08	0°♂	
evening max el	-5395 Jun 18 j 21:44	0°♂50'59	46°26'50	desc. node	-5393 Dec 10 j 13:16	28°♂14'03	
desc. node	-5395 Jun 24 j 15:39	6°♂19'09			-5393 Dec 11 j 23:25	0°♂	
	-5395 Jul 27 j 19:39	0°♂		morning set	-5393 Dec 17 j 21:47	7°♂21'29	
greatest brilliancy	-5395 Jul 28 j 14:56	0°♂17'58	-4.6m		-5392 Jan 05 j 04:50	0°♂	
retrograde	-5395 Aug 07 j 20:05	2°♂13'32					
	-5395 Aug 18 j 09:45	30°♂		superior conj	-5392 Jan 27 j 02:38	27°♂01'35	-1°-20'-20
evening set	-5395 Aug 25 j 16:50	26°♂15'57		minimum elong	-5392 Jan 26 j 21:53	26°♂46'57	1°20'37
inferior conj	-5395 Aug 28 j 13:17	24°♂33'42	-8°-48'-21	max. Earth dist.	-5392 Jan 29 j 02:46	29°♂29'53	1.73205 AU
minimum elong	-5395 Aug 28 j 18:01	24°♂26'33	8°47'45		-5392 Jan 29 j 12:33	0°♂	
min. Earth dist.	-5395 Aug 28 j 19:17	24°♂24'38	0.26722 AU		-5392 Feb 22 j 21:59	0°♂	
morning rise	-5395 Aug 31 j 19:06	22°♂37'32		evening rise	-5392 Mar 04 j 15:01	13°♂08'52	
direct	-5395 Sep 17 j 23:22	16°♂56'03			-5392 Mar 18 j 09:05	0°♂	
greatest brilliancy	-5395 Sep 30 j 19:17	19°♂59'57	-4.7m	asc. node	-5392 Apr 01 j 02:54	16°♂48'34	
asc. node	-5395 Oct 15 j 09:14	29°♂08'30			-5392 Apr 11 j 22:18	0°♂	
	-5395 Oct 16 j 11:34	0°♂			-5392 May 06 j 14:18	0°♂	
morning max el	-5395 Nov 07 j 17:24	20°♂31'06	46°46'21		-5392 May 31 j 10:14	0°♂	
	-5395 Nov 16 j 18:36	0°♂			-5392 Jun 25 j 12:41	0°♂	
	-5395 Dec 13 j 15:38	0°♂			-5392 Jul 21 j 03:23	0°♂	
	-5394 Jan 08 j 09:59	0°♂		desc. node	-5392 Jul 22 j 02:59	1°♂07'58	
	-5394 Feb 02 j 18:36	0°♂			-5392 Aug 16 j 20:38	0°♂	
desc. node	-5394 Feb 04 j 11:43	2°♂02'13		evening max el	-5392 Aug 31 j 12:40	15°♂24'18	47°38'26
	-5394 Feb 27 j 21:46	0°♂			-5392 Sep 15 j 21:06	0°♂	
	-5394 Mar 24 j 20:02	0°♂		greatest brilliancy	-5392 Oct 09 j 04:35	16°♂09'28	-4.7m
	-5394 Apr 18 j 13:06	0°♂		retrograde	-5392 Oct 21 j 12:32	19°♂00'59	
morning set	-5394 May 08 j 11:18	24°♂23'23		evening set	-5392 Nov 05 j 02:08	14°♂41'15	
	-5394 May 13 j 00:46	0°♂		min. Earth dist.	-5392 Nov 10 j 10:35	11°♂28'54	0.26804 AU
asc. node	-5394 May 28 j 02:14	18°♂35'27		inferior conj	-5392 Nov 11 j 04:08	11°♂01'29	0°-10'-14
	-5394 Jun 06 j 07:10	0°♂		minimum elong	-5392 Nov 11 j 04:30	11°♂00'54	0°10'10
max. Earth dist.	-5394 Jun 09 j 01:31	3°♂26'00	1.72538 AU	transit middle	-5392 Nov 11 j 04:30	11°♂00'54	0°10'10
				transit begin	-5392 Nov 11 j 01:17	11°♂05'55	
superior conj	-5394 Jun 13 j 10:18	8°♂51'43	0°37'04	transit end	-5392 Nov 11 j 07:43	10°♂55'53	
minimum elong	-5394 Jun 13 j 03:31	8°♂30'36	0°36'57	asc. node	-5392 Nov 11 j 20:21	10°♂36'11	
	-5394 Jun 30 j 09:06	0°♂		morning rise	-5392 Nov 17 j 07:48	7°♂22'20	
evening rise	-5394 Jul 19 j 23:50	24°♂33'07		direct	-5392 Dec 01 j 12:56	3°♂18'25	
	-5394 Jul 24 j 08:09	0°♂		greatest brilliancy	-5392 Dec 12 j 10:35	5°♂33'01	-4.6m
	-5394 Aug 17 j 06:33	0°♂			-5391 Jan 15 j 02:24	0°♂	
	-5394 Sep 10 j 06:33	0°♂		morning max el	-5391 Jan 20 j 00:41	4°♂43'18	46°12'55
desc. node	-5394 Sep 17 j 01:15	8°♂26'51			-5391 Feb 13 j 11:16	0°♂	
	-5394 Oct 04 j 09:58	0°♂		desc. node	-5391 Mar 03 j 23:27	20°♂24'41	
	-5394 Oct 28 j 18:51	0°♂			-5391 Mar 12 j 11:05	0°♂	
	-5394 Nov 22 j 13:08	0°♂			-5391 Apr 07 j 10:37	0°♂	
	-5394 Dec 18 j 02:05	0°♂			-5391 May 02 j 18:47	0°♂	
asc. node	-5393 Jan 07 j 16:31	22°♂54'42			-5391 May 27 j 15:03	0°♂	
	-5393 Jan 14 j 09:50	0°♂			-5391 Jun 21 j 01:21	0°♂	
evening max el	-5393 Jan 23 j 17:15	9°♂22'00	45°25'20	asc. node	-5391 Jun 24 j 14:44	4°♂24'18	
	-5393 Feb 17 j 00:59	0°♂			-5391 Jul 15 j 03:36	0°♂	
greatest brilliancy	-5393 Feb 26 j 13:44	5°♂34'43	-4.5m	morning set	-5391 Jul 15 j 18:19	0°♂46'03	
retrograde	-5393 Mar 13 j 06:41	9°♂19'54			-5391 Aug 08 j 00:22	0°♂	
evening set	-5393 Mar 29 j 15:22	4°♂12'42		max. Earth dist.	-5391 Aug 22 j 09:55	18°♂10'22	1.70930 AU
inferior conj	-5393 Apr 03 j 17:14	1°♂07'02	5°25'41				
minimum elong	-5393 Apr 04 j 02:05	0°♂53'10	5°23'39	superior conj	-5391 Aug 23 j 04:40	19°♂09'31	1°23'15

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 3

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5391 Aug 23 j 07:00	19° $\overline{5}$ 16'55	1°23'31	greatest brilliancy	-5388 Feb 24 j 04:48	16° $\overline{7}$ 34'23	-4.5m
	-5391 Aug 31 j 18:44	0° Ω			-5388 Mar 16 j 17:38	0° $\overline{5}$	
	-5391 Sep 24 j 13:36	0° $\overline{7}$		desc. node	-5388 Mar 31 j 10:45	12° $\overline{5}$ 54'27	
evening rise	-5391 Oct 03 j 11:27	11° $\overline{7}$ 12'22		morning max el	-5388 Apr 01 j 11:59	13° $\overline{5}$ 54'04	45°50'39
desc. node	-5391 Oct 14 j 14:00	25° $\overline{7}$ 08'41			-5388 Apr 17 j 15:08	0° \approx	
	-5391 Oct 18 j 11:02	0° $\underline{1}$			-5388 May 15 j 04:48	0° $\overline{8}$	
	-5391 Nov 11 j 12:09	0° $\overline{7}$			-5388 Jun 10 j 03:53	0° $\overline{9}$	
	-5391 Dec 05 j 17:47	0° $\overline{8}$			-5388 Jul 05 j 04:35	0° $\overline{8}$	
	-5391 Dec 30 j 06:01	0° $\overline{5}$		asc. node	-5388 Jul 22 j 03:06	20° $\overline{8}$ 45'47	
	-5390 Jan 24 j 05:21	0° \approx			-5388 Jul 29 j 14:06	0° $\overline{7}$	
asc. node	-5390 Feb 04 j 04:16	12° \approx 53'37			-5388 Aug 22 j 13:42	0° $\overline{5}$	
	-5390 Feb 19 j 00:17	0° $\overline{8}$			-5388 Sep 15 j 08:18	0° Ω	
	-5390 Mar 18 j 08:47	0° $\overline{9}$		morning set	-5388 Sep 27 j 22:28	15° Ω 54'39	
evening max el	-5390 Apr 04 j 17:43	17° $\overline{9}$ 23'45	45°09'17		-5388 Oct 09 j 02:15	0° $\overline{7}$	
	-5390 Apr 18 j 23:16	0° $\overline{8}$			-5388 Nov 01 j 22:28	0° $\underline{1}$	
greatest brilliancy	-5390 May 10 j 18:55	13° $\overline{8}$ 53'57	-4.5m				
retrograde	-5390 May 23 j 01:38	16° $\overline{8}$ 32'03		superior conj	-5388 Nov 08 j 22:32	8° $\underline{1}$ 46'47	0°05'04
desc. node	-5390 May 27 j 06:38	16° $\overline{8}$ 11'37		minimum elong	-5388 Nov 08 j 23:55	8° $\underline{1}$ 51'07	0°04'58
evening set	-5390 Jun 06 j 23:45	12° $\overline{8}$ 21'55		behind sun begin	-5388 Nov 07 j 21:47	7° $\underline{1}$ 29'14	
inferior conj	-5390 Jun 13 j 06:27	8° $\overline{8}$ 43'56	-3°-53'-51	behind sun end	-5388 Nov 10 j 02:04	10° $\underline{1}$ 12'58	
minimum elong	-5390 Jun 12 j 22:24	8° $\overline{8}$ 56'08	3°51'32	desc. node	-5388 Nov 11 j 02:41	11° $\underline{1}$ 30'03	
min. Earth dist.	-5390 Jun 13 j 17:20	8° $\overline{8}$ 27'23	0.27917 AU	max. Earth dist.	-5388 Nov 14 j 08:06	15° $\underline{1}$ 32'11	1.71494 AU
morning rise	-5390 Jun 18 j 20:16	5° $\overline{8}$ 26'32			-5388 Nov 25 j 22:07	0° $\overline{7}$	
direct	-5390 Jul 04 j 15:14	0° $\overline{8}$ 43'04			-5388 Dec 20 j 01:18	0° $\overline{8}$	
greatest brilliancy	-5390 Jul 19 j 03:41	4° $\overline{8}$ 25'38	-4.6m	evening rise	-5388 Dec 20 j 20:22	0° $\overline{7}$ 59'05	
	-5390 Aug 20 j 22:03	0° $\overline{7}$			-5387 Jan 13 j 08:02	0° $\overline{5}$	
morning max el	-5390 Aug 23 j 21:08	2° $\overline{7}$ 57'02	46°41'33		-5387 Feb 06 j 19:19	0° \approx	
asc. node	-5390 Sep 17 j 00:27	28° $\overline{7}$ 58'57		asc. node	-5387 Mar 03 j 16:33	0° $\overline{8}$ 10'13	
	-5390 Sep 17 j 21:56	0° $\overline{5}$			-5387 Mar 03 j 13:09	0° $\overline{8}$	
	-5390 Oct 13 j 11:45	0° Ω			-5387 Mar 28 j 16:26	0° $\overline{9}$	
	-5390 Nov 07 j 05:01	0° $\overline{7}$			-5387 Apr 23 j 09:37	0° $\overline{8}$	
	-5390 Dec 01 j 16:09	0° $\underline{1}$			-5387 May 20 j 02:17	0° $\overline{7}$	
	-5390 Dec 26 j 03:15	0° $\overline{7}$		evening max el	-5387 Jun 16 j 11:10	28° $\overline{7}$ 28'30	46°23'37
desc. node	-5389 Jan 07 j 01:43	14° $\overline{7}$ 36'40			-5387 Jun 18 j 01:05	0° $\overline{5}$	
	-5389 Jan 19 j 15:47	0° $\overline{8}$		desc. node	-5387 Jun 23 j 17:45	5° $\overline{5}$ 20'36	
	-5389 Feb 13 j 04:59	0° $\overline{5}$		greatest brilliancy	-5387 Jul 26 j 00:54	27° $\overline{5}$ 47'31	-4.6m
morning set	-5389 Feb 28 j 07:11	18° $\overline{5}$ 27'13		retrograde	-5387 Aug 05 j 08:30	29° $\overline{5}$ 44'54	
	-5389 Mar 09 j 17:39	0° \approx		evening set	-5387 Aug 23 j 06:03	23° $\overline{5}$ 45'22	
	-5389 Apr 03 j 04:59	0° $\overline{8}$		inferior conj	-5387 Aug 26 j 01:24	22° $\overline{5}$ 04'51	-8°-52'-36
max. Earth dist.	-5389 Apr 03 j 12:23	0° $\overline{8}$ 22'45	1.73719 AU	minimum elong	-5387 Aug 26 j 05:15	21° $\overline{5}$ 59'03	8°52'06
				min. Earth dist.	-5387 Aug 26 j 06:59	21° $\overline{5}$ 56'26	0.26756 AU
superior conj	-5389 Apr 05 j 13:20	2° $\overline{8}$ 52'57	0°-51'-59	morning rise	-5387 Aug 29 j 04:21	20° $\overline{5}$ 13'06	
minimum elong	-5389 Apr 05 j 21:23	3° $\overline{8}$ 17'41	0°51'51	direct	-5387 Sep 15 j 12:44	14° $\overline{5}$ 26'49	
	-5389 Apr 27 j 14:39	0° $\overline{9}$		greatest brilliancy	-5387 Sep 28 j 09:19	17° $\overline{5}$ 32'09	-4.7m
asc. node	-5389 Apr 29 j 15:39	2° $\overline{9}$ 30'50		asc. node	-5387 Oct 14 j 11:31	27° $\overline{5}$ 52'31	
evening rise	-5389 May 11 j 04:41	16° $\overline{9}$ 44'09			-5387 Oct 17 j 01:55	0° Ω	
	-5389 May 21 j 22:42	0° $\overline{8}$		morning max el	-5387 Nov 05 j 07:47	18° Ω 06'02	46°46'55
	-5389 Jun 15 j 05:35	0° $\overline{7}$			-5387 Nov 16 j 14:39	0° $\overline{7}$	
	-5389 Jul 09 j 12:28	0° $\overline{5}$			-5387 Dec 13 j 07:23	0° $\underline{1}$	
	-5389 Aug 02 j 21:23	0° Ω			-5386 Jan 07 j 23:47	0° $\overline{7}$	
desc. node	-5389 Aug 19 j 15:00	20° Ω 27'50			-5386 Feb 02 j 07:16	0° $\overline{8}$	
	-5389 Aug 27 j 11:12	0° $\overline{7}$		desc. node	-5386 Feb 03 j 13:56	1° $\overline{8}$ 31'15	
	-5389 Sep 21 j 10:19	0° $\underline{1}$			-5386 Feb 27 j 09:43	0° $\overline{5}$	
	-5389 Oct 17 j 04:24	0° $\overline{7}$			-5386 Mar 24 j 07:32	0° \approx	
evening max el	-5389 Nov 11 j 12:27	27° $\overline{7}$ 30'33	46°55'27		-5386 Apr 18 j 00:20	0° $\overline{8}$	
	-5389 Nov 13 j 23:34	0° $\overline{8}$		morning set	-5386 May 06 j 06:18	22° $\overline{8}$ 20'14	
asc. node	-5389 Dec 10 j 07:23	22° $\overline{8}$ 44'08			-5386 May 12 j 11:52	0° $\overline{9}$	
greatest brilliancy	-5389 Dec 17 j 09:59	26° $\overline{8}$ 56'33	-4.6m	asc. node	-5386 May 27 j 04:15	18° $\overline{9}$ 07'27	
	-5389 Dec 25 j 04:55	0° $\overline{5}$			-5386 Jun 05 j 18:15	0° $\overline{8}$	
retrograde	-5388 Jan 01 j 04:54	0° $\overline{5}$ 57'44		max. Earth dist.	-5386 Jun 06 j 19:12	1° $\overline{8}$ 17'25	1.72594 AU
	-5388 Jan 08 j 00:03	30° $\overline{8}$ $\overline{8}$					
evening set	-5388 Jan 18 j 06:51	25° $\overline{8}$ 12'40		superior conj	-5386 Jun 11 j 04:17	6° $\overline{8}$ 43'52	0°34'12
inferior conj	-5388 Jan 22 j 11:59	22° $\overline{8}$ 33'00	7°48'46	minimum elong	-5386 Jun 10 j 21:56	6° $\overline{8}$ 24'09	0°34'06
minimum elong	-5388 Jan 22 j 06:20	22° $\overline{8}$ 42'06	7°47'56		-5386 Jun 29 j 20:14	0° $\overline{7}$	
min. Earth dist.	-5388 Jan 21 j 20:18	22° $\overline{8}$ 58'13	0.28879 AU	evening rise	-5386 Jul 17 j 15:37	22° $\overline{7}$ 16'56	
morning rise	-5388 Jan 26 j 06:06	20° $\overline{8}$ 10'27			-5386 Jul 23 j 19:26	0° $\overline{5}$	
direct	-5388 Feb 12 j 18:55	14° $\overline{8}$ 14'41			-5386 Aug 16 j 18:02	0° Ω	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5386 Sep 09 j 18:16	0° \mathbb{M}					-5383 Mar 12 j 00:59	0° \mathcal{C}			
desc. node	-5386 Sep 16 j 03:26	7° \mathbb{M} 56'56					-5383 Apr 06 j 23:07	0° \approx			
	-5386 Oct 03 j 22:00	0° $\underline{\mathcal{A}}$					-5383 May 02 j 06:31	0° \mathbb{H}			
	-5386 Oct 28 j 07:21	0° \mathbb{M}					-5383 May 27 j 02:22	0° \mathbb{Y}			
	-5386 Nov 22 j 02:26	0° \mathcal{A}					-5383 Jun 20 j 12:27	0° \mathcal{B}			
	-5386 Dec 17 j 17:02	0° \mathcal{C}				asc. node	-5383 Jun 23 j 16:52	3° \mathcal{B} 56'38			
asc. node	-5385 Jan 06 j 18:44	22° \mathcal{C} 13'15				morning set	-5383 Jul 13 j 09:34	28° \mathcal{B} 28'58			
	-5385 Jan 14 j 05:12	0° \approx					-5383 Jul 14 j 14:39	0° \mathbb{I}			
evening max el	-5385 Jan 21 j 09:39	7° \approx 11'31	45°27'31				-5383 Aug 07 j 11:27	0° \mathcal{C}			
	-5385 Feb 18 j 00:08	0° \mathbb{H}				max. Earth dist.	-5383 Aug 19 j 13:26	15° \mathcal{C} 14'51	1.70963 AU		
greatest brilliancy	-5385 Feb 24 j 06:34	3° \mathbb{H} 27'34	-4.5m								
retrograde	-5385 Mar 10 j 23:28	7° \mathbb{H} 12'37				superior conj	-5383 Aug 20 j 17:12	16° \mathcal{C} 42'31	1°23'33		
evening set	-5385 Mar 27 j 10:37	2° \mathbb{H} 01'48				minimum elong	-5383 Aug 20 j 18:36	16° \mathcal{C} 46'56	1°23'52		
	-5385 Mar 30 j 19:10	30° \mathbb{R} \approx					-5383 Aug 31 j 05:52	0° \mathcal{Q}			
inferior conj	-5385 Apr 01 j 10:04	28° \approx 59'01	5°39'19				-5383 Sep 24 j 00:49	0° \mathbb{M}			
minimum elong	-5385 Apr 01 j 18:57	28° \approx 45'02	5°37'21			evening rise	-5383 Sep 30 j 19:51	8° \mathbb{M} 32'38			
min. Earth dist.	-5385 Apr 02 j 04:16	28° \approx 30'24	0.29301 AU			desc. node	-5383 Oct 13 j 16:02	24° \mathbb{M} 39'39			
morning rise	-5385 Apr 07 j 03:04	25° \approx 30'27					-5383 Oct 17 j 22:20	0° $\underline{\mathcal{A}}$			
direct	-5385 Apr 23 j 07:53	20° \approx 32'02					-5383 Nov 10 j 23:31	0° \mathbb{M}			
desc. node	-5385 Apr 28 j 21:40	21° \approx 06'57					-5383 Dec 05 j 05:19	0° \mathcal{A}			
greatest brilliancy	-5385 May 07 j 10:46	24° \approx 00'25	-4.5m				-5383 Dec 29 j 17:52	0° \mathcal{C}			
	-5385 May 17 j 20:09	0° \mathbb{H}					-5382 Jan 23 j 17:54	0° \approx			
morning max el	-5385 Jun 11 j 14:28	20° \mathbb{H} 54'05	46°05'36			asc. node	-5382 Feb 03 j 06:28	12° \approx 21'53			
	-5385 Jun 20 j 17:21	0° \mathbb{Y}					-5382 Feb 18 j 14:23	0° \mathbb{H}			
	-5385 Jul 18 j 05:59	0° \mathcal{B}					-5382 Mar 18 j 02:42	0° \mathbb{Y}			
	-5385 Aug 12 j 19:22	0° \mathbb{I}				evening max el	-5382 Apr 02 j 07:39	15° \mathbb{Y} 08'31	45°08'09		
asc. node	-5385 Aug 19 j 15:06	8° \mathbb{I} 14'11					-5382 Apr 19 j 09:08	0° \mathcal{B}			
	-5385 Sep 06 j 09:16	0° \mathcal{C}				greatest brilliancy	-5382 May 08 j 06:25	11° \mathcal{B} 36'16	-4.5m		
	-5385 Sep 30 j 11:25	0° \mathcal{Q}				retrograde	-5382 May 20 j 15:40	14° \mathcal{B} 17'25			
	-5385 Oct 24 j 09:33	0° \mathbb{M}				desc. node	-5382 May 26 j 08:45	13° \mathcal{B} 39'31			
	-5385 Nov 17 j 08:34	0° $\underline{\mathcal{A}}$				evening set	-5382 Jun 04 j 12:45	10° \mathcal{B} 08'13			
desc. node	-5385 Dec 09 j 15:18	27° $\underline{\mathcal{A}}$ 45'18				inferior conj	-5382 Jun 10 j 20:55	6° \mathcal{B} 28'31	-3°-34'-18		
	-5385 Dec 11 j 10:41	0° \mathbb{M}				minimum elong	-5382 Jun 10 j 13:26	6° \mathcal{B} 39'53	3°32'06		
morning set	-5385 Dec 15 j 09:06	4° \mathbb{M} 52'56				min. Earth dist.	-5382 Jun 11 j 08:38	6° \mathcal{B} 10'44	0.27968 AU		
	-5384 Jan 04 j 15:58	0° \mathcal{A}				morning rise	-5382 Jun 16 j 13:15	3° \mathcal{B} 07'40			
							-5382 Jun 23 j 08:43	30° \mathbb{R} \mathbb{Y}			
superior conj	-5384 Jan 24 j 17:29	24° \mathcal{A} 45'25	-1°-19'-27			direct	-5382 Jul 02 j 05:55	28° \mathbb{Y} 26'23			
minimum elong	-5384 Jan 24 j 12:01	24° \mathcal{A} 28'35	1°19'42				-5382 Jul 11 j 11:22	0° \mathcal{B}			
max. Earth dist.	-5384 Jan 26 j 23:24	27° \mathcal{A} 31'31	1.73162 AU			greatest brilliancy	-5382 Jul 16 j 21:16	2° \mathcal{B} 11'53	-4.6m		
	-5384 Jan 28 j 23:36	0° \mathcal{C}					-5382 Aug 20 j 21:10	0° \mathbb{I}			
	-5384 Feb 22 j 08:59	0° \approx				morning max el	-5382 Aug 21 j 11:13	0° \mathbb{I} 35'14	46°40'35		
evening rise	-5384 Mar 02 j 08:30	11° \approx 01'32				asc. node	-5382 Sep 16 j 02:37	28° \mathbb{I} 18'05			
	-5384 Mar 17 j 20:08	0° \mathbb{H}					-5382 Sep 17 j 14:20	0° \mathcal{C}			
asc. node	-5384 Mar 31 j 05:01	16° \mathbb{H} 20'52					-5382 Oct 13 j 01:46	0° \mathcal{Q}			
	-5384 Apr 11 j 09:35	0° \mathbb{Y}					-5382 Nov 06 j 17:52	0° \mathbb{M}			
	-5384 May 06 j 02:03	0° \mathcal{B}					-5382 Dec 01 j 04:18	0° $\underline{\mathcal{A}}$			
	-5384 May 30 j 22:43	0° \mathbb{I}					-5382 Dec 25 j 14:53	0° \mathbb{M}			
	-5384 Jun 25 j 02:15	0° \mathcal{C}				desc. node	-5381 Jan 06 j 03:56	14° \mathbb{M} 08'32			
	-5384 Jul 20 j 18:48	0° \mathcal{Q}					-5381 Jan 19 j 03:01	0° \mathcal{A}			
desc. node	-5384 Jul 21 j 05:11	0° \mathcal{Q} 29'47					-5381 Feb 12 j 15:55	0° \mathcal{C}			
	-5384 Aug 16 j 15:55	0° \mathbb{M}				morning set	-5381 Feb 26 j 00:31	16° \mathcal{C} 20'21			
evening max el	-5384 Aug 29 j 03:24	13° \mathbb{M} 01'36	47°37'44				-5381 Mar 09 j 04:23	0° \approx			
	-5384 Sep 16 j 06:33	0° $\underline{\mathcal{A}}$				max. Earth dist.	-5381 Apr 01 j 09:56	28° \approx 28'46	1.73735 AU		
greatest brilliancy	-5384 Oct 06 j 22:00	13° $\underline{\mathcal{A}}$ 47'05	-4.7m				-5381 Apr 02 j 15:39	0° \mathbb{H}			
retrograde	-5384 Oct 19 j 02:05	16° $\underline{\mathcal{A}}$ 34'06									
evening set	-5384 Nov 02 j 16:42	12° $\underline{\mathcal{A}}$ 14'14				superior conj	-5381 Apr 03 j 08:33	0° \mathbb{H} 51'51	0°-54'-16		
min. Earth dist.	-5384 Nov 08 j 01:18	9° $\underline{\mathcal{A}}$ 01'37	0.26750 AU			minimum elong	-5381 Apr 03 j 16:45	1° \mathbb{H} 17'02	0°54'10		
inferior conj	-5384 Nov 08 j 17:38	8° $\underline{\mathcal{A}}$ 36'05	0°-33'-22				-5381 Apr 27 j 01:24	0° \mathbb{Y}			
minimum elong	-5384 Nov 08 j 18:52	8° $\underline{\mathcal{A}}$ 34'11	0°33'01			asc. node	-5381 Apr 28 j 17:40	2° \mathbb{Y} 03'58			
asc. node	-5384 Nov 10 j 22:21	7° $\underline{\mathcal{A}}$ 14'24				evening rise	-5381 May 09 j 00:23	14° \mathbb{Y} 43'41			
morning rise	-5384 Nov 14 j 21:53	4° $\underline{\mathcal{A}}$ 56'08					-5381 May 21 j 09:36	0° \mathcal{B}			
direct	-5384 Nov 29 j 01:53	0° $\underline{\mathcal{A}}$ 54'12					-5381 Jun 14 j 16:45	0° \mathbb{I}			
greatest brilliancy	-5384 Dec 10 j 00:33	3° $\underline{\mathcal{A}}$ 09'31	-4.6m				-5381 Jul 09 j 00:01	0° \mathcal{C}			
	-5383 Jan 15 j 03:13	0° \mathbb{M}					-5381 Aug 02 j 09:29	0° \mathcal{Q}			
morning max el	-5383 Jan 17 j 13:45	2° \mathbb{M} 21'42	46°14'02			desc. node	-5381 Aug 18 j 17:11	19° \mathcal{Q} 56'06			
	-5383 Feb 13 j 03:58	0° \mathcal{A}					-5381 Aug 27 j 00:04	0° \mathbb{M}			
desc. node	-5383 Mar 03 j 01:40	19° \mathcal{A} 49'58					-5381 Sep 21 j 00:23	0° $\underline{\mathcal{A}}$			

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 5

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5381 Oct 16 j 20:45	0°♌		morning set	-5378 May 04 j 01:40	20°♐19'31	
evening max el	-5381 Nov 09 j 03:54	25°♌12'51	46°58'36		-5378 May 11 j 22:34	0°♑	
	-5381 Nov 13 j 22:21	0°♑		asc. node	-5378 May 26 j 06:28	17°♑41'18	
asc. node	-5381 Dec 09 j 09:40	21°♑26'17		max. Earth dist.	-5378 Jun 04 j 12:49	29°♑10'00	1.72655 AU
greatest brilliancy	-5381 Dec 15 j 03:08	24°♑44'23	-4.6m		-5378 Jun 05 j 04:56	0°♒	
retrograde	-5381 Dec 29 j 22:13	28°♑46'14					
evening set	-5380 Jan 15 j 21:06	23°♑04'37		superior conj	-5378 Jun 08 j 22:37	4°♒38'24	0°31'20
min. Earth dist.	-5380 Jan 19 j 11:38	20°♑48'52	0.28816 AU	minimum elong	-5378 Jun 08 j 16:44	4°♒20'09	0°31'14
inferior conj	-5380 Jan 20 j 04:36	20°♑21'37	7°42'37		-5378 Jun 29 j 07:02	0°♓	
minimum elong	-5380 Jan 19 j 22:24	20°♑31'35	7°41'40	evening rise	-5378 Jul 15 j 07:40	20°♓02'32	
morning rise	-5380 Jan 24 j 00:02	17°♑57'23			-5378 Jul 23 j 06:26	0°♓	
direct	-5380 Feb 10 j 10:32	12°♑04'10			-5378 Aug 16 j 05:18	0°♑	
greatest brilliancy	-5380 Feb 21 j 19:21	14°♑23'18	-4.5m		-5378 Sep 09 j 05:48	0°♑	
	-5380 Mar 17 j 00:48	0°♒		desc. node	-5378 Sep 15 j 05:27	7°♑27'03	
morning max el	-5380 Mar 30 j 04:27	11°♒46'23	45°50'53		-5378 Oct 03 j 09:51	0°♓	
desc. node	-5380 Mar 30 j 12:48	12°♒06'13			-5378 Oct 27 j 19:41	0°♌	
	-5380 Apr 17 j 08:33	0°♌			-5378 Nov 21 j 15:36	0°♑	
	-5380 May 14 j 18:46	0°♐			-5378 Dec 17 j 07:56	0°♒	
	-5380 Jun 09 j 16:24	0°♑		asc. node	-5377 Jan 05 j 20:56	21°♒32'03	
	-5380 Jul 04 j 16:22	0°♒			-5377 Jan 14 j 00:50	0°♌	
asc. node	-5380 Jul 21 j 05:19	20°♒17'09		evening max el	-5377 Jan 19 j 01:24	5°♌00'01	45°29'46
	-5380 Jul 29 j 01:30	0°♓			-5377 Feb 19 j 07:52	0°♐	
	-5380 Aug 22 j 00:54	0°♓		greatest brilliancy	-5377 Feb 21 j 23:52	1°♐21'50	-4.5m
	-5380 Sep 14 j 19:25	0°♑		retrograde	-5377 Mar 08 j 16:03	5°♐06'32	
morning set	-5380 Sep 25 j 08:57	13°♑21'06		evening set	-5377 Mar 25 j 06:01	29°♌52'08	
	-5380 Oct 08 j 13:20	0°♑			-5377 Mar 25 j 00:35	30°♌	
	-5380 Nov 01 j 09:32	0°♓		inferior conj	-5377 Mar 30 j 03:04	26°♌52'23	5°52'29
				minimum elong	-5377 Mar 30 j 11:56	26°♌38'23	5°50'35
superior conj	-5380 Nov 06 j 07:04	6°♓08'30	0°09'03	min. Earth dist.	-5377 Mar 30 j 20:41	26°♌24'35	0.29323 AU
minimum elong	-5380 Nov 06 j 09:33	6°♓16'18	0°08'56	morning rise	-5377 Apr 04 j 17:40	23°♌26'41	
behind sun begin	-5380 Nov 05 j 10:27	5°♓03'53		direct	-5377 Apr 21 j 00:50	18°♌25'13	
behind sun end	-5380 Nov 07 j 08:39	7°♓28'41		desc. node	-5377 Apr 27 j 23:45	19°♌18'45	
desc. node	-5380 Nov 10 j 04:43	11°♓01'47		greatest brilliancy	-5377 May 05 j 00:36	21°♌49'36	-4.5m
max. Earth dist.	-5380 Nov 11 j 16:01	12°♓52'16	1.71443 AU		-5377 May 18 j 13:12	0°♐	
	-5380 Nov 25 j 09:10	0°♌		morning max el	-5377 Jun 09 j 05:47	18°♐42'05	46°04'32
evening rise	-5380 Dec 18 j 08:08	28°♌32'44			-5377 Jun 20 j 12:07	0°♑	
	-5380 Dec 19 j 12:18	0°♑			-5377 Jul 17 j 20:34	0°♒	
	-5379 Jan 12 j 19:04	0°♒			-5377 Aug 12 j 08:20	0°♓	
	-5379 Feb 06 j 06:30	0°♌		asc. node	-5377 Aug 18 j 17:13	7°♓42'02	
asc. node	-5379 Mar 02 j 18:42	29°♌41'58			-5377 Sep 05 j 21:29	0°♓	
	-5379 Mar 03 j 00:41	0°♐			-5377 Sep 29 j 23:13	0°♑	
	-5379 Mar 28 j 04:43	0°♑			-5377 Oct 23 j 21:05	0°♑	
	-5379 Apr 22 j 23:20	0°♒			-5377 Nov 16 j 19:54	0°♓	
	-5379 May 19 j 18:58	0°♓		desc. node	-5377 Dec 08 j 17:32	27°♓17'34	
evening max el	-5379 Jun 14 j 01:09	26°♓08'32	46°20'09		-5377 Dec 10 j 21:50	0°♌	
	-5379 Jun 18 j 02:08	0°♓		morning set	-5377 Dec 12 j 19:57	2°♌23'08	
desc. node	-5379 Jun 22 j 19:59	4°♓21'59			-5376 Jan 04 j 02:59	0°♑	
greatest brilliancy	-5379 Jul 23 j 11:16	25°♓18'29	-4.6m				
retrograde	-5379 Aug 02 j 20:47	27°♓16'50		superior conj	-5376 Jan 22 j 08:00	22°♑28'34	-1°-18'-25
evening set	-5379 Aug 20 j 18:43	21°♓16'27		minimum elong	-5376 Jan 22 j 01:50	22°♑09'33	1°18'38
inferior conj	-5379 Aug 23 j 13:26	19°♓36'44	-8°-55'-47	max. Earth dist.	-5376 Jan 24 j 19:09	25°♑30'53	1.73114 AU
minimum elong	-5379 Aug 23 j 16:20	19°♓32'22	8°55'24		-5376 Jan 28 j 10:31	0°♒	
min. Earth dist.	-5379 Aug 23 j 18:32	19°♓29'03	0.26789 AU		-5376 Feb 21 j 19:51	0°♌	
morning rise	-5379 Aug 26 j 13:54	17°♓48'41		evening rise	-5376 Feb 29 j 01:49	8°♌53'57	
direct	-5379 Sep 13 j 02:04	11°♓58'33			-5376 Mar 17 j 07:05	0°♐	
greatest brilliancy	-5379 Sep 25 j 22:26	15°♓03'56	-4.7m	asc. node	-5376 Mar 30 j 07:05	15°♐53'22	
asc. node	-5379 Oct 13 j 13:33	26°♓39'11			-5376 Apr 10 j 20:46	0°♑	
	-5379 Oct 17 j 12:18	0°♑			-5376 May 05 j 13:40	0°♒	
morning max el	-5379 Nov 02 j 21:28	15°♑40'05	46°47'27		-5376 May 30 j 11:01	0°♓	
	-5379 Nov 16 j 09:48	0°♑			-5376 Jun 24 j 15:41	0°♓	
	-5379 Dec 12 j 22:33	0°♓		desc. node	-5376 Jul 20 j 07:19	29°♓51'44	
	-5378 Jan 07 j 13:06	0°♌			-5376 Jul 20 j 10:13	0°♑	
	-5378 Feb 01 j 19:32	0°♑			-5376 Aug 16 j 11:36	0°♑	
desc. node	-5378 Feb 02 j 16:00	1°♑01'01		evening max el	-5376 Aug 26 j 16:47	10°♑35'44	47°36'35
	-5378 Feb 26 j 21:18	0°♒			-5376 Sep 16 j 19:15	0°♓	
	-5378 Mar 23 j 18:39	0°♌		greatest brilliancy	-5376 Oct 04 j 15:09	11°♓23'24	-4.7m
	-5378 Apr 17 j 11:10	0°♐		retrograde	-5376 Oct 16 j 14:53	14°♓05'59	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5376 Oct 31 j 07:04	9° $\overline{\Delta}$ 45'24		superior conj	-5373 Apr 01 j 03:13	28° \approx 48'16	0°-56'-32
min. Earth dist.	-5376 Nov 05 j 15:58	6° $\overline{\Delta}$ 32'32	0.26706 AU	minimum elong	-5373 Apr 01 j 11:32	29° \approx 13'46	0°56'26
inferior conj	-5376 Nov 06 j 06:48	6° $\overline{\Delta}$ 09'22	0°-56'-51		-5373 Apr 02 j 02:36	0° H	
minimum elong	-5376 Nov 06 j 08:53	6° $\overline{\Delta}$ 06'07	0°56'14		-5373 Apr 26 j 12:23	0° Y	
asc. node	-5376 Nov 10 j 00:39	3° $\overline{\Delta}$ 51'51		asc. node	-5373 Apr 27 j 19:52	1° Y 36'53	
morning rise	-5376 Nov 12 j 11:25	2° $\overline{\Delta}$ 28'49		evening rise	-5373 May 06 j 19:47	12° Y 41'37	
	-5376 Nov 17 j 23:29	30° R M			-5373 May 20 j 20:46	0° B	
direct	-5376 Nov 26 j 14:06	28° M 28'15			-5373 Jun 14 j 04:11	0° II	
	-5376 Dec 05 j 12:54	0° $\overline{\Delta}$			-5373 Jul 08 j 11:51	0° $\overline{\Delta}$	
greatest brilliancy	-5376 Dec 07 j 15:17	0° $\overline{\Delta}$ 45'38	-4.6m		-5373 Aug 01 j 21:51	0° Ω	
morning max el	-5375 Jan 15 j 02:26	29° $\overline{\Delta}$ 58'20	46°15'20	desc. node	-5373 Aug 17 j 19:13	19° Ω 23'19	
	-5375 Jan 15 j 03:07	0° M			-5373 Aug 26 j 13:11	0° M	
	-5375 Feb 12 j 20:29	0° J			-5373 Sep 20 j 14:43	0° $\overline{\Delta}$	
desc. node	-5375 Mar 02 j 03:44	19° J 14'59			-5373 Oct 16 j 13:30	0° M	
	-5375 Mar 11 j 14:47	0° $\overline{\Delta}$		evening max el	-5373 Nov 06 j 20:05	22° M 56'31	47°01'32
	-5375 Apr 06 j 11:35	0° \approx			-5373 Nov 13 j 22:21	0° J	
	-5375 May 01 j 18:14	0° H		asc. node	-5373 Dec 08 j 11:51	20° J 04'51	
	-5375 May 26 j 13:39	0° Y		greatest brilliancy	-5373 Dec 12 j 20:21	22° J 31'14	-4.6m
	-5375 Jun 19 j 23:32	0° B		retrograde	-5373 Dec 27 j 15:34	26° J 33'00	
asc. node	-5375 Jun 22 j 19:05	3° B 29'15		evening set	-5372 Jan 13 j 11:03	20° J 55'04	
morning set	-5375 Jul 11 j 01:22	26° B 13'49		min. Earth dist.	-5372 Jan 17 j 02:34	18° J 37'57	0.28756 AU
	-5375 Jul 14 j 01:39	0° II		inferior conj	-5372 Jan 17 j 21:00	18° J 08'24	7°35'38
	-5375 Aug 06 j 22:27	0° $\overline{\Delta}$		minimum elong	-5372 Jan 17 j 14:19	18° J 19'07	7°34'34
max. Earth dist.	-5375 Aug 16 j 21:49	12° $\overline{\Delta}$ 35'00	1.70999 AU	morning rise	-5372 Jan 21 j 18:00	15° J 42'06	
				direct	-5372 Feb 08 j 02:30	9° J 51'58	
superior conj	-5375 Aug 18 j 06:16	14° $\overline{\Delta}$ 17'26	1°23'42	greatest brilliancy	-5372 Feb 19 j 09:06	12° J 09'42	-4.5m
minimum elong	-5375 Aug 18 j 06:46	14° $\overline{\Delta}$ 19'00	1°24'01		-5372 Mar 17 j 06:26	0° $\overline{\Delta}$	
	-5375 Aug 30 j 16:57	0° Ω		morning max el	-5372 Mar 27 j 21:04	9° $\overline{\Delta}$ 37'42	45°51'03
	-5375 Sep 23 j 12:01	0° M		desc. node	-5372 Mar 29 j 14:56	11° $\overline{\Delta}$ 17'42	
evening rise	-5375 Sep 28 j 04:39	5° M 54'09			-5372 Apr 17 j 02:05	0° \approx	
desc. node	-5375 Oct 12 j 18:07	24° M 10'43			-5372 May 14 j 08:59	0° H	
	-5375 Oct 17 j 09:41	0° $\overline{\Delta}$			-5372 Jun 09 j 05:11	0° Y	
	-5375 Nov 10 j 11:01	0° M			-5372 Jul 04 j 04:25	0° B	
	-5375 Dec 04 j 17:00	0° J		asc. node	-5372 Jul 20 j 07:19	19° B 47'02	
	-5375 Dec 29 j 05:54	0° $\overline{\Delta}$			-5372 Jul 28 j 13:10	0° II	
	-5374 Jan 23 j 06:42	0° \approx			-5372 Aug 21 j 12:23	0° $\overline{\Delta}$	
asc. node	-5374 Feb 02 j 08:35	11° \approx 49'14			-5372 Sep 14 j 06:49	0° Ω	
	-5374 Feb 18 j 04:51	0° H		morning set	-5372 Sep 22 j 19:48	10° Ω 47'50	
	-5374 Mar 17 j 21:18	0° Y			-5372 Oct 08 j 00:41	0° M	
evening max el	-5374 Mar 30 j 22:06	12° Y 54'08	45°07'15		-5372 Oct 31 j 20:50	0° $\overline{\Delta}$	
	-5374 Apr 19 j 22:40	0° B		superior conj	-5372 Nov 03 j 15:56	3° $\overline{\Delta}$ 30'27	0°13'00
greatest brilliancy	-5374 May 05 j 17:15	9° B 17'36	-4.5m	minimum elong	-5372 Nov 03 j 19:30	3° $\overline{\Delta}$ 41'37	0°12'50
retrograde	-5374 May 18 j 06:14	12° B 02'28		behind sun begin	-5372 Nov 03 j 02:22	2° $\overline{\Delta}$ 47'54	
desc. node	-5374 May 25 j 11:02	11° B 01'51		behind sun end	-5372 Nov 04 j 12:38	4° $\overline{\Delta}$ 35'20	
evening set	-5374 Jun 02 j 01:58	7° B 53'56		max. Earth dist.	-5372 Nov 09 j 03:03	10° $\overline{\Delta}$ 21'13	1.71389 AU
inferior conj	-5374 Jun 08 j 11:20	4° B 12'39	-3°-14'-29	desc. node	-5372 Nov 09 j 06:56	10° $\overline{\Delta}$ 33'25	
minimum elong	-5374 Jun 08 j 04:26	4° B 23'06	3°12'25		-5372 Nov 24 j 20:25	0° M	
min. Earth dist.	-5374 Jun 08 j 23:37	3° B 54'02	0.28015 AU	evening rise	-5372 Dec 15 j 20:01	26° M 05'55	
morning rise	-5374 Jun 14 j 06:05	0° B 48'39			-5372 Dec 18 j 23:32	0° J	
	-5374 Jun 15 j 18:39	30° R Y			-5371 Jan 12 j 06:23	0° $\overline{\Delta}$	
direct	-5374 Jun 29 j 20:59	26° Y 09'20			-5371 Feb 05 j 18:01	0° \approx	
greatest brilliancy	-5374 Jul 14 j 14:35	29° Y 57'42	-4.6m	asc. node	-5371 Mar 01 j 20:43	29° \approx 12'11	
	-5374 Jul 14 j 16:28	0° B			-5371 Mar 02 j 12:38	0° H	
morning max el	-5374 Aug 19 j 02:18	28° B 16'07	46°39'47		-5371 Mar 27 j 17:28	0° Y	
	-5374 Aug 20 j 19:25	0° II			-5371 Apr 22 j 13:37	0° B	
asc. node	-5374 Sep 15 j 04:43	27° II 37'23			-5371 May 19 j 12:27	0° II	
	-5374 Sep 17 j 06:28	0° $\overline{\Delta}$		evening max el	-5371 Jun 11 j 14:52	23° II 46'47	46°16'44
	-5374 Oct 12 j 15:42	0° Ω			-5371 Jun 18 j 05:04	0° $\overline{\Delta}$	
	-5374 Nov 06 j 06:44	0° M		desc. node	-5371 Jun 21 j 22:05	3° $\overline{\Delta}$ 20'32	
	-5374 Nov 30 j 16:33	0° $\overline{\Delta}$		greatest brilliancy	-5371 Jul 20 j 22:32	22° $\overline{\Delta}$ 49'26	-4.6m
	-5374 Dec 25 j 02:42	0° M		retrograde	-5371 Jul 31 j 08:36	24° $\overline{\Delta}$ 47'32	
desc. node	-5373 Jan 05 j 06:00	13° M 39'12		evening set	-5371 Aug 18 j 06:54	18° $\overline{\Delta}$ 47'17	
	-5373 Jan 18 j 14:29	0° J		inferior conj	-5371 Aug 21 j 01:27	17° $\overline{\Delta}$ 07'40	-8°-58'-5
	-5373 Feb 12 j 03:06	0° $\overline{\Delta}$		minimum elong	-5371 Aug 21 j 03:23	17° $\overline{\Delta}$ 04'44	8°57'44
morning set	-5373 Feb 23 j 17:10	14° $\overline{\Delta}$ 10'26		min. Earth dist.	-5371 Aug 21 j 06:23	17° $\overline{\Delta}$ 00'12	0.26820 AU
	-5373 Mar 08 j 15:24	0° \approx		morning rise	-5371 Aug 23 j 23:48	15° $\overline{\Delta}$ 22'31	
max. Earth dist.	-5373 Mar 30 j 08:35	26° \approx 37'27	1.73745 AU				

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5371 Sep 10 j 15:00	9° $\overline{29}$ '14			-5368 Mar 16 j 18:13	0° \overline{K}	
greatest brilliancy	-5371 Sep 23 j 11:26	12° $\overline{34}$ '22	-4.7m	asc. node	-5368 Mar 29 j 09:18	15° \overline{K} 25'48	
asc. node	-5371 Oct 12 j 15:49	25° $\overline{27}$ '22			-5368 Apr 10 j 08:10	0° \overline{Y}	
	-5371 Oct 17 j 20:23	0° $\overline{\Omega}$			-5368 May 05 j 01:33	0° \overline{B}	
morning max el	-5371 Oct 31 j 10:13	13° $\overline{\Omega}$ 10'39	46°48'07		-5368 May 29 j 23:41	0° \overline{II}	
	-5371 Nov 16 j 04:45	0° $\overline{\eta}$			-5368 Jun 24 j 05:33	0° $\overline{\Theta}$	
	-5371 Dec 12 j 13:47	0° $\overline{\Delta}$		desc. node	-5368 Jul 19 j 09:23	29° $\overline{\Theta}$ 12'13	
	-5370 Jan 07 j 02:35	0° $\overline{\mathbb{M}}$			-5368 Jul 20 j 02:10	0° $\overline{\Omega}$	
	-5370 Feb 01 j 07:59	0° \overline{x}			-5368 Aug 16 j 08:12	0° $\overline{\eta}$	
desc. node	-5370 Feb 01 j 18:05	0° \overline{x} 30'06		evening max el	-5368 Aug 24 j 05:26	8° $\overline{\eta}$ 07'13	47°35'31
	-5370 Feb 26 j 09:08	0° $\overline{\Xi}$			-5368 Sep 17 j 12:33	0° $\overline{\Delta}$	
	-5370 Mar 23 j 06:05	0° \approx		greatest brilliancy	-5368 Oct 02 j 07:40	8° $\overline{\Delta}$ 58'03	-4.7m
	-5370 Apr 16 j 22:22	0° \overline{K}		retrograde	-5368 Oct 14 j 03:44	11° $\overline{\Delta}$ 37'13	
morning set	-5370 May 01 j 20:46	18° \overline{K} 16'49		evening set	-5368 Oct 28 j 21:31	7° $\overline{\Delta}$ 15'13	
	-5370 May 11 j 09:38	0° \overline{Y}		inferior conj	-5368 Nov 03 j 19:54	3° $\overline{\Delta}$ 41'47	-1°-20'-24
asc. node	-5370 May 25 j 08:36	17° \overline{Y} 13'39		minimum elong	-5368 Nov 03 j 22:50	3° $\overline{\Delta}$ 37'12	1°19'28
max. Earth dist.	-5370 Jun 02 j 05:44	26° \overline{Y} 59'18	1.72714 AU	min. Earth dist.	-5368 Nov 03 j 06:32	4° $\overline{\Delta}$ 02'36	0.26665 AU
	-5370 Jun 04 j 16:00	0° \overline{B}		asc. node	-5368 Nov 09 j 02:52	0° $\overline{\Delta}$ 31'04	
				morning rise	-5368 Nov 10 j 00:43	0° $\overline{\Delta}$ 01'07	
superior conj	-5370 Jun 06 j 16:45	2° \overline{B} 31'15	0°28'25		-5368 Nov 10 j 01:33	30° \overline{R} $\overline{\eta}$	
minimum elong	-5370 Jun 06 j 11:22	2° \overline{B} 14'34	0°28'19	direct	-5368 Nov 24 j 02:07	26° $\overline{\eta}$ 01'12	
	-5370 Jun 28 j 18:12	0° \overline{II}		greatest brilliancy	-5368 Dec 05 j 06:21	28° $\overline{\eta}$ 21'24	-4.6m
evening rise	-5370 Jul 12 j 23:39	17° \overline{II} 47'03			-5368 Dec 08 j 22:02	0° $\overline{\Delta}$	
	-5370 Jul 22 j 17:48	0° $\overline{\Theta}$		morning max el	-5367 Jan 12 j 15:59	27° $\overline{\Delta}$ 36'25	46°16'46
	-5370 Aug 15 j 16:55	0° $\overline{\Omega}$			-5367 Jan 15 j 02:11	0° $\overline{\mathbb{M}}$	
	-5370 Sep 08 j 17:41	0° $\overline{\eta}$			-5367 Feb 12 j 12:49	0° \overline{x}	
desc. node	-5370 Sep 14 j 07:34	6° $\overline{\eta}$ 56'24		desc. node	-5367 Mar 01 j 05:51	18° \overline{x} 40'01	
	-5370 Oct 02 j 22:05	0° $\overline{\Delta}$			-5367 Mar 11 j 04:33	0° $\overline{\Xi}$	
	-5370 Oct 27 j 08:23	0° $\overline{\mathbb{M}}$			-5367 Apr 06 j 00:02	0° \approx	
	-5370 Nov 21 j 05:07	0° \overline{x}			-5367 May 01 j 05:57	0° \overline{K}	
	-5370 Dec 16 j 23:15	0° $\overline{\Xi}$			-5367 May 26 j 01:00	0° \overline{Y}	
asc. node	-5369 Jan 04 j 23:02	20° $\overline{\Xi}$ 49'31			-5367 Jun 19 j 10:44	0° \overline{B}	
	-5369 Jan 13 j 21:18	0° \approx		asc. node	-5367 Jun 21 j 21:06	3° \overline{B} 00'48	
evening max el	-5369 Jan 16 j 16:16	2° \approx 45'40	45°32'07	morning set	-5367 Jul 08 j 17:12	23° \overline{B} 58'21	
greatest brilliancy	-5369 Feb 19 j 15:59	29° \approx 13'59	-4.5m		-5367 Jul 13 j 12:49	0° \overline{II}	
	-5369 Feb 21 j 08:08	0° \overline{K}			-5367 Aug 06 j 09:40	0° $\overline{\Theta}$	
retrograde	-5369 Mar 06 j 08:29	3° \overline{K} 00'07		max. Earth dist.	-5367 Aug 14 j 06:56	9° $\overline{\Theta}$ 56'49	1.71037 AU
	-5369 Mar 18 j 17:36	30° \overline{R} \approx					
evening set	-5369 Mar 23 j 01:27	27° \approx 41'52		superior conj	-5367 Aug 15 j 19:14	11° $\overline{\Theta}$ 51'23	1°23'42
inferior conj	-5369 Mar 27 j 20:11	24° \approx 45'18	6°05'06	minimum elong	-5367 Aug 15 j 18:49	11° $\overline{\Theta}$ 50'04	1°24'00
minimum elong	-5369 Mar 28 j 05:00	24° \approx 31'22	6°03'15		-5367 Aug 30 j 04:13	0° $\overline{\Omega}$	
min. Earth dist.	-5369 Mar 28 j 13:27	24° \approx 18'00	0.29350 AU		-5367 Sep 22 j 23:23	0° $\overline{\eta}$	
morning rise	-5369 Apr 02 j 08:19	21° \approx 22'35		evening rise	-5367 Sep 25 j 13:17	3° $\overline{\eta}$ 14'39	
direct	-5369 Apr 18 j 17:29	16° \approx 17'42		desc. node	-5367 Oct 11 j 20:18	23° $\overline{\eta}$ 41'39	
desc. node	-5369 Apr 27 j 02:03	17° \approx 33'47			-5367 Oct 16 j 21:09	0° $\overline{\Delta}$	
greatest brilliancy	-5369 May 02 j 15:30	19° \approx 39'17	-4.5m		-5367 Nov 09 j 22:37	0° $\overline{\mathbb{M}}$	
	-5369 May 19 j 02:26	0° \overline{K}			-5367 Dec 04 j 04:47	0° \overline{x}	
morning max el	-5369 Jun 06 j 21:00	16° \overline{K} 28'46	46°03'26		-5367 Dec 28 j 18:04	0° $\overline{\Xi}$	
	-5369 Jun 20 j 06:51	0° \overline{Y}			-5366 Jan 22 j 19:38	0° \approx	
	-5369 Jul 17 j 11:24	0° \overline{B}		asc. node	-5366 Feb 01 j 10:44	11° \approx 16'26	
	-5369 Aug 11 j 21:35	0° \overline{II}			-5366 Feb 17 j 19:28	0° \overline{K}	
asc. node	-5369 Aug 17 j 19:22	7° \overline{II} 09'07			-5366 Mar 17 j 16:19	0° \overline{Y}	
	-5369 Sep 05 j 09:57	0° $\overline{\Theta}$		evening max el	-5366 Mar 28 j 13:38	10° \overline{Y} 42'51	45°06'33
	-5369 Sep 29 j 11:15	0° $\overline{\Omega}$			-5366 Apr 20 j 16:24	0° \overline{B}	
	-5369 Oct 23 j 08:51	0° $\overline{\eta}$		greatest brilliancy	-5366 May 03 j 04:16	7° \overline{B} 00'12	-4.5m
	-5369 Nov 16 j 07:28	0° $\overline{\Delta}$		retrograde	-5366 May 15 j 21:16	9° \overline{B} 48'38	
desc. node	-5369 Dec 07 j 19:32	26° $\overline{\Delta}$ 48'15		desc. node	-5366 May 24 j 13:03	8° \overline{B} 20'52	
morning set	-5369 Dec 10 j 06:44	29° $\overline{\Delta}$ 52'14		evening set	-5366 May 30 j 15:45	5° \overline{B} 40'44	
	-5369 Dec 10 j 09:14	0° $\overline{\mathbb{M}}$		inferior conj	-5366 Jun 06 j 02:02	1° \overline{B} 57'52	-2°-54'-32
	-5368 Jan 03 j 14:13	0° \overline{x}		minimum elong	-5366 Jun 05 j 19:47	2° \overline{B} 07'21	2°52'38
				min. Earth dist.	-5366 Jun 06 j 14:34	1° \overline{B} 38'51	0.28068 AU
superior conj	-5368 Jan 19 j 22:37	20° \overline{x} 11'23	-1°-17'-15		-5366 Jun 09 j 08:28	30° \overline{R} \overline{Y}	
minimum elong	-5368 Jan 19 j 15:46	19° \overline{x} 50'17	1°17'27	morning rise	-5366 Jun 11 j 23:03	28° \overline{Y} 30'52	
max. Earth dist.	-5368 Jan 22 j 13:30	23° \overline{x} 25'14	1.73060 AU	direct	-5366 Jun 27 j 12:47	23° \overline{Y} 53'32	
	-5368 Jan 27 j 21:37	0° $\overline{\Xi}$		greatest brilliancy	-5366 Jul 12 j 07:11	27° \overline{Y} 43'21	-4.6m
	-5368 Feb 21 j 06:54	0° \approx			-5366 Jul 16 j 13:05	0° \overline{B}	
evening rise	-5368 Feb 26 j 19:17	6° \approx 46'19		morning max el	-5366 Aug 16 j 18:08	25° \overline{B} 58'59	46°38'37

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5366 Aug 20 j 16:54	0°II			-5363 Apr 22 j 03:46	0°8	
asc. node	-5366 Sep 14 j 06:57	26°II57'10			-5363 May 19 j 05:56	0°II	
	-5366 Sep 16 j 22:28	0°☿		evening max el	-5363 Jun 09 j 04:14	21°II25'30	46°13'24
	-5366 Oct 12 j 05:39	0°♂			-5363 Jun 18 j 09:01	0°☿	
	-5366 Nov 05 j 19:38	0°♊		desc. node	-5363 Jun 21 j 00:13	2°☿19'02	
	-5366 Nov 30 j 04:48	0°♋		greatest brilliancy	-5363 Jul 18 j 10:42	20°☿23'24	-4.6m
	-5366 Dec 24 j 14:29	0°♌		retrograde	-5363 Jul 28 j 20:08	22°☿20'43	
desc. node	-5365 Jan 04 j 08:02	13°♌09'57		evening set	-5363 Aug 15 j 18:50	16°☿21'34	
	-5365 Jan 18 j 01:54	0°♌		inferior conj	-5363 Aug 18 j 13:50	14°☿41'10	-8°-59'-7
	-5365 Feb 11 j 14:14	0°♍		minimum elong	-5363 Aug 18 j 14:48	14°☿39'42	8°58'49
morning set	-5365 Feb 21 j 09:51	12°♍00'48		min. Earth dist.	-5363 Aug 18 j 18:54	14°☿33'30	0.26854 AU
	-5365 Mar 08 j 02:20	0°♎		morning rise	-5363 Aug 21 j 10:42	12°☿58'00	
max. Earth dist.	-5365 Mar 28 j 08:18	24°♎49'33	1.73749 AU	direct	-5363 Sep 08 j 03:48	7°☿02'18	
				greatest brilliancy	-5363 Sep 21 j 01:22	10°☿07'48	-4.7m
superior conj	-5365 Mar 29 j 22:08	26°♎45'39	0°-58'-43	asc. node	-5363 Oct 11 j 18:02	24°☿18'49	
minimum elong	-5365 Mar 30 j 06:29	27°♎11'18	0°58'38		-5363 Oct 18 j 01:41	0°♏	
	-5365 Apr 01 j 13:27	0°♐		morning max el	-5363 Oct 28 j 22:25	10°♏40'40	46°48'28
	-5365 Apr 25 j 23:16	0°♑			-5363 Nov 15 j 22:58	0°♊	
asc. node	-5365 Apr 26 j 22:01	1°♑10'00			-5363 Dec 12 j 04:38	0°♋	
evening rise	-5365 May 04 j 15:34	10°♑41'06			-5362 Jan 06 j 15:48	0°♌	
	-5365 May 20 j 07:48	0°♒		desc. node	-5362 Jan 31 j 20:17	0°♌00'08	
	-5365 Jun 13 j 15:30	0°♓			-5362 Jan 31 j 20:14	0°♍	
	-5365 Jul 07 j 23:35	0°☿			-5362 Feb 25 j 20:44	0°♎	
	-5365 Aug 01 j 10:12	0°♏			-5362 Mar 22 j 17:15	0°♎	
desc. node	-5365 Aug 16 j 21:23	18°♏50'54			-5362 Apr 16 j 09:15	0°♐	
	-5365 Aug 26 j 02:22	0°♊		morning set	-5362 Apr 29 j 15:51	16°♐15'00	
	-5365 Sep 20 j 05:13	0°♋			-5362 May 10 j 20:24	0°♑	
	-5365 Oct 16 j 06:37	0°♌		asc. node	-5362 May 24 j 10:38	16°♑46'37	
evening max el	-5365 Nov 04 j 12:56	20°♌41'35	47°04'29	max. Earth dist.	-5362 May 30 j 23:45	24°♑53'02	1.72772 AU
	-5365 Nov 13 j 23:34	0°♍					
asc. node	-5365 Dec 07 j 13:54	18°♍40'34		superior conj	-5362 Jun 04 j 11:10	0°♒26'05	0°25'28
greatest brilliancy	-5365 Dec 10 j 14:44	20°♍19'26	-4.6m	minimum elong	-5362 Jun 04 j 06:18	0°♒10'59	0°25'23
retrograde	-5365 Dec 25 j 08:56	24°♍19'21			-5362 Jun 04 j 02:46	0°♓	
evening set	-5364 Jan 11 j 00:54	18°♍45'38			-5362 Jun 28 j 05:04	0°♓	
min. Earth dist.	-5364 Jan 14 j 17:27	16°♍26'55	0.28686 AU	evening rise	-5362 Jul 10 j 16:15	15°♓34'39	
inferior conj	-5364 Jan 15 j 13:20	15°♍55'03	7°27'59		-5362 Jul 22 j 04:50	0°☿	
minimum elong	-5364 Jan 15 j 06:12	16°♍06'29	7°26'48		-5362 Aug 15 j 04:09	0°♏	
morning rise	-5364 Jan 19 j 11:58	13°♍26'25			-5362 Sep 08 j 05:11	0°♊	
direct	-5364 Feb 05 j 18:32	7°♍39'57		desc. node	-5362 Sep 13 j 09:46	6°♊27'16	
greatest brilliancy	-5364 Feb 16 j 21:44	9°♍55'01	-4.5m		-5362 Oct 02 j 09:57	0°♋	
	-5364 Mar 17 j 10:01	0°♌			-5362 Oct 26 j 20:47	0°♌	
morning max el	-5364 Mar 25 j 13:24	7°♌28'50	45°51'17		-5362 Nov 20 j 18:29	0°♍	
desc. node	-5364 Mar 28 j 17:12	10°♌30'50			-5362 Dec 16 j 14:34	0°♎	
	-5364 Apr 16 j 19:02	0°♎		asc. node	-5361 Jan 04 j 01:15	20°♎07'16	
	-5364 May 13 j 22:50	0°♏			-5361 Jan 13 j 18:18	0°♎	
	-5364 Jun 08 j 17:39	0°♑		evening max el	-5361 Jan 14 j 06:43	0°♎30'29	45°34'34
	-5364 Jul 03 j 16:11	0°♒		greatest brilliancy	-5361 Feb 17 j 07:13	27°♎05'10	-4.5m
asc. node	-5364 Jul 19 j 09:31	19°♒18'22			-5361 Feb 25 j 02:29	0°♐	
	-5364 Jul 28 j 00:34	0°♓		retrograde	-5361 Mar 04 j 01:04	0°♐54'05	
	-5364 Aug 20 j 23:37	0°☿			-5361 Mar 10 j 18:48	30°♒	
	-5364 Sep 13 j 18:01	0°♏		evening set	-5361 Mar 20 j 20:46	25°♒31'41	
morning set	-5364 Sep 20 j 06:43	8°♏15'18		inferior conj	-5361 Mar 25 j 13:13	22°♒38'30	6°17'09
	-5364 Oct 07 j 11:54	0°♊		minimum elong	-5361 Mar 25 j 21:56	22°♒24'42	6°15'24
	-5364 Oct 31 j 08:02	0°♋		min. Earth dist.	-5361 Mar 26 j 06:09	22°♒11'42	0.29373 AU
				morning rise	-5361 Mar 30 j 22:49	19°♒19'09	
superior conj	-5364 Nov 01 j 00:24	0°♋51'23	0°16'58	direct	-5361 Apr 16 j 09:47	14°♒10'24	
minimum elong	-5364 Nov 01 j 05:01	1°♋05'51	0°16'46	desc. node	-5361 Apr 26 j 04:05	15°♒52'48	
max. Earth dist.	-5364 Nov 06 j 13:04	7°♋47'15	1.71337 AU	greatest brilliancy	-5361 Apr 30 j 07:05	17°♒30'32	-4.5m
desc. node	-5364 Nov 08 j 08:59	10°♋04'45			-5361 May 19 j 11:57	0°♐	
	-5364 Nov 24 j 07:34	0°♌		morning max el	-5361 Jun 04 j 12:40	14°♐17'32	46°02'30
evening rise	-5364 Dec 13 j 07:07	23°♌36'53			-5361 Jun 20 j 00:47	0°♑	
	-5364 Dec 18 j 10:40	0°♍			-5361 Jul 17 j 01:42	0°♒	
	-5363 Jan 11 j 17:34	0°♎			-5361 Aug 11 j 10:23	0°♓	
	-5363 Feb 05 j 05:23	0°♏		asc. node	-5361 Aug 16 j 21:33	6°♓37'32	
asc. node	-5363 Feb 28 j 22:59	28°♏43'38			-5361 Sep 04 j 22:01	0°☿	
	-5363 Mar 02 j 00:25	0°♐			-5361 Sep 28 j 22:54	0°♏	
	-5363 Mar 27 j 06:04	0°♑			-5361 Oct 22 j 20:13	0°♊	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5361 Nov 15 j 18:39	0°♄		retrograde	-5358 May 13 j 11:57	7°♄34'37	
desc. node	-5361 Dec 06 j 21:37	26°♄20'19		desc. node	-5358 May 23 j 15:13	5°♄34'53	
morning set	-5361 Dec 07 j 17:29	27°♄22'06		evening set	-5358 May 28 j 05:40	3°♄27'31	
	-5361 Dec 09 j 20:17	0°♄			-5358 Jun 03 j 05:34	30°♄♂	
	-5360 Jan 03 j 01:09	0°♄		inferior conj	-5358 Jun 03 j 16:38	29°♄43'11	-2°-34'-16
				minimum elong	-5358 Jun 03 j 11:03	29°♄51'40	2°32'34
superior conj	-5360 Jan 17 j 12:51	17°♄53'46	-1°-15'-56	min. Earth dist.	-5358 Jun 04 j 05:28	29°♄23'42	0.28115 AU
minimum elong	-5360 Jan 17 j 05:23	17°♄30'43	1°16'06	morning rise	-5358 Jun 09 j 15:45	26°♄13'12	
max. Earth dist.	-5360 Jan 20 j 04:59	21°♄11'32	1.73013 AU	direct	-5358 Jun 25 j 04:41	21°♄38'02	
	-5360 Jan 27 j 08:28	0°♄		greatest brilliancy	-5358 Jul 09 j 22:27	25°♄27'32	-4.6m
	-5360 Feb 20 j 17:43	0°♄			-5358 Jul 17 j 19:27	0°♄	
evening rise	-5360 Feb 24 j 12:14	4°♄37'49		morning max el	-5358 Aug 14 j 09:19	23°♄40'54	46°37'27
	-5360 Mar 16 j 05:08	0°♄			-5358 Aug 20 j 13:29	0°♄	
asc. node	-5360 Mar 28 j 11:25	14°♄58'35		asc. node	-5358 Sep 13 j 09:08	26°♄17'44	
	-5360 Apr 09 j 19:21	0°♄			-5358 Sep 16 j 14:03	0°♄	
	-5360 May 04 j 13:13	0°♄			-5358 Oct 11 j 19:18	0°♄	
	-5360 May 29 j 12:08	0°♄			-5358 Nov 05 j 08:18	0°♄	
	-5360 Jun 23 j 19:14	0°♄			-5358 Nov 29 j 16:51	0°♄	
desc. node	-5360 Jul 18 j 11:36	28°♄33'44			-5358 Dec 24 j 02:04	0°♄	
	-5360 Jul 19 j 18:01	0°♄		desc. node	-5357 Jan 03 j 10:16	12°♄41'46	
	-5360 Aug 16 j 05:04	0°♄			-5357 Jan 17 j 13:07	0°♄	
evening max el	-5360 Aug 21 j 18:45	5°♄41'42	47°34'28		-5357 Feb 11 j 01:11	0°♄	
	-5360 Sep 18 j 10:53	0°♄		morning set	-5357 Feb 19 j 02:37	9°♄51'52	
greatest brilliancy	-5360 Sep 29 j 23:25	6°♄33'09	-4.7m		-5357 Mar 07 j 13:09	0°♄	
retrograde	-5360 Oct 11 j 17:10	9°♄10'10		max. Earth dist.	-5357 Mar 26 j 08:03	23°♄02'08	1.73755 AU
evening set	-5360 Oct 26 j 12:15	4°♄46'13					
inferior conj	-5360 Nov 01 j 09:05	1°♄15'39	-1°-43'-39	superior conj	-5357 Mar 27 j 16:59	24°♄43'10	-1°00'-48
minimum elong	-5360 Nov 01 j 12:52	1°♄09'47	1°42'27	minimum elong	-5357 Mar 28 j 01:21	25°♄08'51	1°00'45
min. Earth dist.	-5360 Oct 31 j 20:54	1°♄34'33	0.26627 AU		-5357 Apr 01 j 00:13	0°♄	
	-5360 Nov 03 j 10:06	30°♄♂			-5357 Apr 25 j 10:07	0°♄	
morning rise	-5360 Nov 07 j 13:58	27°♄35'25		asc. node	-5357 Apr 26 j 00:03	0°♄42'53	
asc. node	-5360 Nov 08 j 04:53	27°♄15'44		evening rise	-5357 May 02 j 11:08	8°♄40'05	
direct	-5360 Nov 21 j 14:37	23°♄35'34			-5357 May 19 j 18:49	0°♄	
greatest brilliancy	-5360 Dec 02 j 21:03	25°♄58'20	-4.6m		-5357 Jun 13 j 02:49	0°♄	
	-5360 Dec 10 j 19:32	0°♄			-5357 Jul 07 j 11:20	0°♄	
morning max el	-5359 Jan 10 j 06:31	25°♄18'00	46°18'01		-5357 Jul 31 j 22:32	0°♄	
	-5359 Jan 14 j 23:53	0°♄		desc. node	-5357 Aug 15 j 23:32	18°♄18'35	
	-5359 Feb 12 j 04:34	0°♄			-5357 Aug 25 j 15:34	0°♄	
desc. node	-5359 Feb 28 j 08:04	18°♄06'21			-5357 Sep 19 j 19:47	0°♄	
	-5359 Mar 10 j 17:57	0°♄			-5357 Oct 16 j 00:00	0°♄	
	-5359 Apr 05 j 12:14	0°♄		evening max el	-5357 Nov 02 j 05:38	18°♄26'17	47°07'17
	-5359 Apr 30 j 17:29	0°♄			-5357 Nov 14 j 02:05	0°♄	
	-5359 May 25 j 12:09	0°♄		asc. node	-5357 Dec 06 j 16:13	17°♄13'57	
	-5359 Jun 18 j 21:41	0°♄		greatest brilliancy	-5357 Dec 08 j 10:01	18°♄08'47	-4.6m
asc. node	-5359 Jun 20 j 23:18	2°♄33'41		retrograde	-5357 Dec 23 j 01:56	22°♄05'27	
morning set	-5359 Jul 06 j 09:06	21°♄44'05		evening set	-5356 Jan 08 j 14:42	16°♄36'24	
	-5359 Jul 12 j 23:44	0°♄		min. Earth dist.	-5356 Jan 12 j 08:41	14°♄15'26	0.28613 AU
	-5359 Aug 05 j 20:36	0°♄		inferior conj	-5356 Jan 13 j 05:39	13°♄41'47	7°19'37
max. Earth dist.	-5359 Aug 11 j 16:16	7°♄20'14	1.71075 AU	minimum elong	-5356 Jan 12 j 22:06	13°♄53'54	7°18'18
				morning rise	-5356 Jan 17 j 06:02	11°♄10'25	
superior conj	-5359 Aug 13 j 08:24	9°♄26'49	1°23'32	direct	-5356 Feb 03 j 10:23	5°♄28'07	
minimum elong	-5359 Aug 13 j 07:05	9°♄22'40	1°23'50	greatest brilliancy	-5356 Feb 14 j 10:11	7°♄40'07	-4.5m
	-5359 Aug 29 j 15:15	0°♄			-5356 Mar 17 j 11:59	0°♄	
	-5359 Sep 22 j 10:32	0°♄		morning max el	-5356 Mar 23 j 04:48	5°♄17'54	45°51'30
evening rise	-5359 Sep 22 j 22:12	0°♄36'42		desc. node	-5356 Mar 27 j 19:15	9°♄44'25	
desc. node	-5359 Oct 10 j 22:19	23°♄12'49			-5356 Apr 16 j 11:38	0°♄	
	-5359 Oct 16 j 08:24	0°♄			-5356 May 13 j 12:35	0°♄	
	-5359 Nov 09 j 09:58	0°♄			-5356 Jun 08 j 06:08	0°♄	
	-5359 Dec 03 j 16:19	0°♄			-5356 Jul 03 j 04:01	0°♄	
	-5359 Dec 28 j 05:59	0°♄		asc. node	-5356 Jul 18 j 11:44	18°♄49'20	
	-5358 Jan 22 j 08:24	0°♄			-5356 Jul 27 j 12:03	0°♄	
asc. node	-5358 Jan 31 j 12:57	10°♄44'22			-5356 Aug 20 j 10:57	0°♄	
	-5358 Feb 17 j 10:05	0°♄			-5356 Sep 13 j 05:17	0°♄	
	-5358 Mar 17 j 11:47	0°♄		morning set	-5356 Sep 17 j 17:33	5°♄42'16	
evening max el	-5358 Mar 26 j 05:50	8°♄33'24	45°05'44		-5356 Oct 06 j 23:08	0°♄	
	-5358 Apr 21 j 16:25	0°♄					
greatest brilliancy	-5358 Apr 30 j 16:21	4°♄44'08	-4.5m	superior conj	-5356 Oct 29 j 08:54	28°♄12'15	0°20'53

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5356 Oct 29 j 14:32	28° \mathbb{M} 29'54	0°20'39	greatest brilliancy	-5353 Apr 27 j 23:12	15° \approx 22'04	-4.5m
	-5356 Oct 30 j 19:15	0° $\underline{\mathbf{A}}$			-5353 May 19 j 19:09	0° \mathbf{H}	
max. Earth dist.	-5356 Nov 03 j 22:22	5° $\underline{\mathbf{A}}$ 10'46	1.71285 AU	morning max el	-5353 Jun 02 j 05:16	12° \mathbf{H} 08'05	46°01'39
desc. node	-5356 Nov 07 j 11:01	9° $\underline{\mathbf{A}}$ 36'00			-5353 Jun 19 j 18:33	0° \mathbf{Y}	
	-5356 Nov 23 j 18:47	0° \mathbb{M}			-5353 Jul 16 j 16:07	0° \mathbf{B}	
evening rise	-5356 Dec 10 j 18:05	21° \mathbb{M} 07'06			-5353 Aug 10 j 23:26	0° \mathbb{I}	
	-5356 Dec 17 j 21:53	0° \mathbf{J}		asc. node	-5353 Aug 15 j 23:40	6° \mathbb{I} 04'56	
	-5355 Jan 11 j 04:50	0° \mathbf{Z}			-5353 Sep 04 j 10:22	0° \mathbf{S}	
	-5355 Feb 04 j 16:50	0° \approx			-5353 Sep 28 j 10:53	0° \mathcal{O}	
asc. node	-5355 Feb 28 j 01:07	28° \approx 14'29			-5353 Oct 22 j 07:58	0° \mathbb{M}	
	-5355 Mar 01 j 12:17	0° \mathbf{H}			-5353 Nov 15 j 06:14	0° $\underline{\mathbf{A}}$	
	-5355 Mar 26 j 18:48	0° \mathbf{Y}		morning set	-5353 Dec 05 j 03:50	24° $\underline{\mathbf{A}}$ 49'26	
	-5355 Apr 21 j 18:12	0° \mathbf{B}		desc. node	-5353 Dec 05 j 23:50	25° $\underline{\mathbf{A}}$ 51'40	
	-5355 May 19 j 00:02	0° \mathbb{I}			-5353 Dec 09 j 07:42	0° \mathbb{M}	
evening max el	-5355 Jun 06 j 16:33	19° \mathbb{I} 01'01	46°09'52		-5352 Jan 02 j 12:25	0° \mathbf{J}	
	-5355 Jun 18 j 15:18	0° \mathbf{S}					
desc. node	-5355 Jun 20 j 02:26	1° \mathbf{S} 15'16		superior conj	-5352 Jan 15 j 02:48	15° \mathbf{J} 34'12	-1°-14'-29
greatest brilliancy	-5355 Jul 15 j 22:56	17° \mathbf{S} 56'11	-4.6m	minimum elong	-5352 Jan 14 j 18:43	15° \mathbf{J} 09'16	1°14'37
retrograde	-5355 Jul 26 j 07:13	19° \mathbf{S} 52'45		max. Earth dist.	-5352 Jan 17 j 20:05	18° \mathbf{J} 55'36	1.72962 AU
evening set	-5355 Aug 13 j 05:55	13° \mathbf{S} 55'22			-5352 Jan 26 j 19:37	0° \mathbf{Z}	
inferior conj	-5355 Aug 16 j 02:02	12° \mathbf{S} 13'26	-8°-59'-3		-5352 Feb 20 j 04:51	0° \approx	
minimum elong	-5355 Aug 16 j 01:59	12° \mathbf{S} 13'30	8°58'47	evening rise	-5352 Feb 22 j 05:15	2° \approx 28'32	
min. Earth dist.	-5355 Aug 16 j 07:33	12° \mathbf{S} 05'05	0.26889 AU		-5352 Mar 15 j 16:22	0° \mathbf{H}	
morning rise	-5355 Aug 18 j 21:57	10° \mathbf{S} 31'35		asc. node	-5352 Mar 27 j 13:29	14° \mathbf{H} 30'16	
direct	-5355 Sep 05 j 16:04	4° \mathbf{S} 33'50			-5352 Apr 09 j 06:52	0° \mathbf{Y}	
greatest brilliancy	-5355 Sep 18 j 16:18	7° \mathbf{S} 41'24	-4.7m		-5352 May 04 j 01:14	0° \mathbf{B}	
asc. node	-5355 Oct 10 j 20:07	23° \mathbf{S} 10'56			-5352 May 29 j 00:55	0° \mathbb{I}	
	-5355 Oct 18 j 05:31	0° \mathcal{O}			-5352 Jun 23 j 09:17	0° \mathbf{S}	
morning max el	-5355 Oct 26 j 10:18	8° \mathcal{O} 09'01	46°49'01	desc. node	-5352 Jul 17 j 13:44	27° \mathbf{S} 53'52	
	-5355 Nov 15 j 16:58	0° \mathbb{M}			-5352 Jul 19 j 10:26	0° \mathcal{O}	
	-5355 Dec 11 j 19:28	0° $\underline{\mathbf{A}}$			-5352 Aug 16 j 03:04	0° \mathbb{M}	
	-5354 Jan 06 j 05:05	0° \mathbb{M}		evening max el	-5352 Aug 19 j 08:52	3° \mathbb{M} 17'16	47°33'04
desc. node	-5354 Jan 30 j 22:21	29° \mathbb{M} 29'23			-5352 Sep 19 j 18:40	0° $\underline{\mathbf{A}}$	
	-5354 Jan 31 j 08:35	0° \mathbf{J}		greatest brilliancy	-5352 Sep 27 j 14:03	4° $\underline{\mathbf{A}}$ 05'09	-4.7m
	-5354 Feb 25 j 08:28	0° \mathbf{Z}		retrograde	-5352 Oct 09 j 06:44	6° $\underline{\mathbf{A}}$ 40'47	
	-5354 Mar 22 j 04:35	0° \approx		evening set	-5352 Oct 24 j 02:52	2° $\underline{\mathbf{A}}$ 14'37	
	-5354 Apr 15 j 20:19	0° \mathbf{H}			-5352 Oct 27 j 22:36	30° \mathbf{R} \mathbb{M}	
morning set	-5354 Apr 27 j 11:09	14° \mathbf{H} 13'16		inferior conj	-5352 Oct 29 j 21:56	28° \mathbb{M} 47'00	-2°-7'-2
	-5354 May 10 j 07:21	0° \mathbf{Y}		minimum elong	-5352 Oct 30 j 02:33	28° \mathbb{M} 39'53	2°05'35
asc. node	-5354 May 23 j 12:53	16° \mathbf{Y} 19'39		min. Earth dist.	-5352 Oct 29 j 10:44	29° \mathbb{M} 04'21	0.26595 AU
max. Earth dist.	-5354 May 28 j 20:11	22° \mathbf{Y} 53'38	1.72833 AU	morning rise	-5352 Nov 05 j 02:42	25° \mathbb{M} 07'39	
				asc. node	-5352 Nov 07 j 07:13	24° \mathbb{M} 01'22	
superior conj	-5354 Jun 02 j 05:47	28° \mathbf{Y} 20'55	0°22'30	direct	-5352 Nov 19 j 03:23	21° \mathbb{M} 07'31	
minimum elong	-5354 Jun 02 j 01:27	28° \mathbf{Y} 07'29	0°22'26	greatest brilliancy	-5352 Nov 30 j 10:59	23° \mathbb{M} 32'08	-4.6m
	-5354 Jun 03 j 13:44	0° \mathbf{B}			-5352 Dec 12 j 03:31	0° $\underline{\mathbf{A}}$	
	-5354 Jun 27 j 16:11	0° \mathbb{I}		morning max el	-5351 Jan 07 j 21:36	22° $\underline{\mathbf{A}}$ 59'18	46°19'22
evening rise	-5354 Jul 08 j 09:03	13° \mathbb{I} 22'07			-5351 Jan 14 j 21:22	0° \mathbb{M}	
	-5354 Jul 21 j 16:10	0° \mathbf{S}			-5351 Feb 11 j 20:29	0° \mathbf{J}	
	-5354 Aug 14 j 15:44	0° \mathcal{O}		desc. node	-5351 Feb 27 j 10:08	17° \mathbf{J} 31'24	
	-5354 Sep 07 j 17:03	0° \mathbb{M}			-5351 Mar 10 j 07:35	0° \mathbf{Z}	
desc. node	-5354 Sep 12 j 11:46	5° \mathbb{M} 56'22			-5351 Apr 05 j 00:41	0° \approx	
	-5354 Oct 01 j 22:11	0° $\underline{\mathbf{A}}$			-5351 Apr 30 j 05:17	0° \mathbf{H}	
	-5354 Oct 26 j 09:34	0° \mathbb{M}			-5351 May 24 j 23:35	0° \mathbf{Y}	
	-5354 Nov 20 j 08:13	0° \mathbf{J}			-5351 Jun 18 j 08:57	0° \mathbf{B}	
	-5354 Dec 16 j 06:22	0° \mathbf{Z}		asc. node	-5351 Jun 20 j 01:28	2° \mathbf{B} 05'34	
asc. node	-5353 Jan 03 j 03:28	19° \mathbf{Z} 23'43		morning set	-5351 Jul 04 j 01:33	19° \mathbf{B} 30'42	
evening max el	-5353 Jan 11 j 21:21	28° \mathbf{Z} 15'04	45°37'11		-5351 Jul 12 j 10:55	0° \mathbb{I}	
	-5353 Jan 13 j 16:22	0° \approx			-5351 Aug 05 j 07:48	0° \mathbf{S}	
greatest brilliancy	-5353 Feb 14 j 21:52	24° \approx 55'01	-4.5m	max. Earth dist.	-5351 Aug 09 j 00:33	4° \mathbf{S} 39'37	1.71113 AU
retrograde	-5353 Mar 01 j 18:15	28° \approx 47'42					
evening set	-5353 Mar 18 j 16:09	23° \approx 20'59		superior conj	-5351 Aug 10 j 22:11	7° \mathbf{S} 03'30	1°23'13
inferior conj	-5353 Mar 23 j 06:21	20° \approx 31'09	6°28'37	minimum elong	-5351 Aug 10 j 20:02	6° \mathbf{S} 56'42	1°23'31
minimum elong	-5353 Mar 23 j 14:54	20° \approx 17'37	6°26'58		-5351 Aug 29 j 02:33	0° \mathcal{O}	
min. Earth dist.	-5353 Mar 23 j 22:42	20° \approx 05'18	0.29394 AU	evening rise	-5351 Sep 20 j 07:29	27° \mathcal{O} 59'01	
morning rise	-5353 Mar 28 j 13:24	17° \approx 15'29			-5351 Sep 21 j 21:57	0° \mathbb{M}	
direct	-5353 Apr 14 j 02:18	12° \approx 02'34		desc. node	-5351 Oct 10 j 00:26	22° \mathbb{M} 43'20	
desc. node	-5353 Apr 25 j 06:14	14° \approx 14'53			-5351 Oct 15 j 19:58	0° $\underline{\mathbf{A}}$	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5351 Nov 08 j 21:42	0°♌				-5348 Jun 07 j 18:38	0°♍		
	-5351 Dec 03 j 04:16	0°♎				-5348 Jul 02 j 15:52	0°♏		
	-5351 Dec 27 j 18:20	0°♐		asc. node		-5348 Jul 17 j 13:45	18°♏19'36		
	-5350 Jan 21 j 21:37	0°♑				-5348 Jul 26 j 23:35	0°♐		
asc. node	-5350 Jan 30 j 15:04	10°♑10'47				-5348 Aug 19 j 22:20	0°♑		
	-5350 Feb 17 j 01:15	0°♒				-5348 Sep 12 j 16:37	0°♒		
	-5350 Mar 17 j 08:10	0°♓		morning set		-5348 Sep 15 j 04:37	3°♒09'44		
evening max el	-5350 Mar 23 j 22:00	6°♓23'05	45°05'05			-5348 Oct 06 j 10:25	0°♑		
	-5350 Apr 23 j 02:24	0°♈							
greatest brilliancy	-5350 Apr 28 j 05:42	2°♈29'13	-4.5m	superior conj		-5348 Oct 26 j 17:47	25°♑34'13	0°24'43	
retrograde	-5350 May 11 j 02:21	5°♈20'28		minimum elong		-5348 Oct 27 j 00:22	25°♑54'52	0°24'28	
desc. node	-5350 May 22 j 17:29	2°♈44'13				-5348 Oct 30 j 06:29	0°♐		
evening set	-5350 May 25 j 20:02	1°♈14'02		max. Earth dist.		-5348 Nov 01 j 05:08	2°♐26'17	1.71231 AU	
	-5350 May 28 j 01:50	30°♒♑		desc. node		-5348 Nov 06 j 13:15	9°♐07'48		
inferior conj	-5350 Jun 01 j 07:27	27°♑28'29	-2°-14'-2			-5348 Nov 23 j 05:59	0°♌		
minimum elong	-5350 Jun 01 j 02:34	27°♑35'56	2°12'32	evening rise		-5348 Dec 08 j 05:12	18°♌37'45		
min. Earth dist.	-5350 Jun 01 j 20:46	27°♑08'13	0.28161 AU			-5348 Dec 17 j 09:06	0°♎		
morning rise	-5350 Jun 07 j 08:26	23°♑55'30				-5347 Jan 10 j 16:07	0°♐		
direct	-5350 Jun 22 j 20:36	19°♑22'33				-5347 Feb 04 j 04:20	0°♑		
greatest brilliancy	-5350 Jul 07 j 13:10	23°♑10'34	-4.6m	asc. node		-5347 Feb 27 j 03:11	27°♑44'59		
	-5350 Jul 18 j 17:43	0°♈				-5347 Mar 01 j 00:14	0°♒		
morning max el	-5350 Aug 11 j 23:50	21°♈20'40	46°36'22			-5347 Mar 26 j 07:38	0°♑		
	-5350 Aug 20 j 09:39	0°♐				-5347 Apr 21 j 08:48	0°♈		
asc. node	-5350 Sep 12 j 11:13	25°♐37'53				-5347 May 18 j 18:33	0°♐		
	-5350 Sep 16 j 05:35	0°♑		evening max el		-5347 Jun 04 j 04:30	16°♐36'05	46°06'35	
	-5350 Oct 11 j 09:00	0°♒				-5347 Jun 18 j 23:47	0°♑		
	-5350 Nov 04 j 21:05	0°♑		desc. node		-5347 Jun 19 j 04:32	0°♑09'52		
	-5350 Nov 29 j 05:04	0°♐		greatest brilliancy		-5347 Jul 13 j 10:19	15°♑28'51	-4.6m	
	-5350 Dec 23 j 13:53	0°♌		retrograde		-5347 Jul 23 j 18:43	17°♑25'57		
desc. node	-5349 Jan 02 j 12:18	12°♌12'09		evening set		-5347 Aug 10 j 16:35	11°♑30'39		
	-5349 Jan 17 j 00:37	0°♎		inferior conj		-5347 Aug 13 j 14:23	9°♑46'30	-8°-57'-59	
	-5349 Feb 10 j 12:26	0°♐		minimum elong		-5347 Aug 13 j 13:20	9°♑48'04	8°57'41	
morning set	-5349 Feb 16 j 18:59	7°♐40'52		min. Earth dist.		-5347 Aug 13 j 20:12	9°♑37'43	0.26928 AU	
	-5349 Mar 07 j 00:13	0°♑		morning rise		-5347 Aug 16 j 09:58	8°♑05'15		
max. Earth dist.	-5349 Mar 24 j 06:45	21°♑10'46	1.73754 AU	direct		-5347 Sep 03 j 04:33	2°♑05'54		
				greatest brilliancy		-5347 Sep 16 j 08:22	5°♑17'02	-4.7m	
superior conj	-5349 Mar 25 j 11:36	22°♑39'15	-1°-2'-50	asc. node		-5347 Oct 09 j 22:23	22°♑05'30		
minimum elong	-5349 Mar 25 j 19:56	23°♑04'50	1°02'48			-5347 Oct 18 j 07:42	0°♒		
	-5349 Mar 31 j 11:13	0°♒		morning max el		-5347 Oct 23 j 23:02	5°♒39'44	46°49'37	
	-5349 Apr 24 j 21:09	0°♑				-5347 Nov 15 j 10:29	0°♑		
asc. node	-5349 Apr 25 j 02:17	0°♑15'46				-5347 Dec 11 j 10:02	0°♐		
evening rise	-5349 Apr 30 j 06:37	6°♑38'13				-5346 Jan 05 j 18:08	0°♌		
	-5349 May 19 j 06:02	0°♈		desc. node		-5346 Jan 30 j 00:27	28°♌59'11		
	-5349 Jun 12 j 14:20	0°♐				-5346 Jan 30 j 20:45	0°♎		
	-5349 Jul 06 j 23:19	0°♑				-5346 Feb 24 j 20:03	0°♐		
	-5349 Jul 31 j 11:07	0°♒				-5346 Mar 21 j 15:47	0°♑		
desc. node	-5349 Aug 15 j 01:35	17°♒45'22				-5346 Apr 15 j 07:17	0°♒		
	-5349 Aug 25 j 04:59	0°♑		morning set		-5346 Apr 25 j 06:22	12°♒11'33		
	-5349 Sep 19 j 10:36	0°♐				-5346 May 09 j 18:12	0°♑		
	-5349 Oct 15 j 17:49	0°♌		asc. node		-5346 May 22 j 15:01	15°♑52'42		
evening max el	-5349 Oct 30 j 21:30	16°♌08'25	47°09'52	max. Earth dist.		-5346 May 26 j 17:40	20°♑57'54	1.72889 AU	
	-5349 Nov 14 j 06:19	0°♎							
asc. node	-5349 Dec 05 j 18:22	15°♎43'38		superior conj		-5346 May 31 j 00:18	26°♑15'50	0°19'31	
greatest brilliancy	-5349 Dec 06 j 05:20	15°♎57'31	-4.6m	minimum elong		-5346 May 30 j 20:31	26°♑04'06	0°19'27	
retrograde	-5349 Dec 20 j 18:17	19°♎50'49				-5346 Jun 03 j 00:36	0°♈		
evening set	-5348 Jan 06 j 04:26	14°♎26'32				-5346 Jun 27 j 03:10	0°♐		
min. Earth dist.	-5348 Jan 10 j 00:19	12°♎02'42	0.28543 AU	evening rise		-5346 Jul 06 j 01:54	11°♐10'22		
inferior conj	-5348 Jan 10 j 21:57	11°♎27'55	7°10'35			-5346 Jul 21 j 03:20	0°♑		
minimum elong	-5348 Jan 10 j 14:02	11°♎40'39	7°09'07			-5346 Aug 14 j 03:09	0°♒		
morning rise	-5348 Jan 15 j 00:11	8°♎53'34				-5346 Sep 07 j 04:47	0°♑		
direct	-5348 Feb 01 j 01:54	3°♎15'33		desc. node		-5346 Sep 11 j 13:55	5°♑26'25		
greatest brilliancy	-5348 Feb 11 j 23:49	5°♎25'36	-4.5m			-5346 Oct 01 j 10:19	0°♐		
	-5348 Mar 17 j 12:55	0°♐				-5346 Oct 25 j 22:16	0°♌		
morning max el	-5348 Mar 20 j 19:30	3°♐04'29	45°51'47			-5346 Nov 19 j 21:53	0°♎		
desc. node	-5348 Mar 26 j 21:24	8°♐58'19				-5346 Dec 15 j 22:11	0°♐		
	-5348 Apr 16 j 04:08	0°♑		asc. node		-5345 Jan 02 j 05:34	18°♐40'01		
	-5348 May 13 j 02:22	0°♒		evening max el		-5345 Jan 09 j 12:41	26°♐02'07	45°39'58	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 12

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5345 Jan 13 j 15:00	0° \approx				-5343 Aug 04 j 18:45	0° \ominus	
greatest brilliancy	-5345 Feb 12 j 12:36	22° \approx 45'52	-4.5m	max. Earth dist.		-5343 Aug 06 j 05:54	1° \ominus 50'45	1.71156 AU
retrograde	-5345 Feb 27 j 11:51	26° \approx 42'10						
evening set	-5345 Mar 16 j 11:33	21° \approx 11'12		superior conj		-5343 Aug 08 j 11:56	4° \ominus 41'01	1°22'45
inferior conj	-5345 Mar 20 j 23:30	18° \approx 24'36	6°39'35	minimum elong		-5343 Aug 08 j 08:58	4° \ominus 31'40	1°23'02
minimum elong	-5345 Mar 21 j 07:52	18° \approx 11'22	6°38'02			-5343 Aug 28 j 13:35	0° Ω	
min. Earth dist.	-5345 Mar 21 j 14:52	18° \approx 00'20	0.29415 AU	evening rise		-5343 Sep 17 j 16:32	25° Ω 21'27	
morning rise	-5345 Mar 26 j 03:59	15° \approx 12'47				-5343 Sep 21 j 09:06	0° \cap	
direct	-5345 Apr 11 j 19:20	9° \approx 55'37		desc. node		-5343 Oct 09 j 02:36	22° \cap 14'59	
desc. node	-5345 Apr 24 j 08:30	12° \approx 41'14				-5343 Oct 15 j 07:14	0° $\underline{\cap}$	
greatest brilliancy	-5345 Apr 25 j 15:13	13° \approx 14'23	-4.5m			-5343 Nov 08 j 09:06	0° \cap	
	-5345 May 19 j 23:56	0° \times				-5343 Dec 02 j 15:54	0° \times	
morning max el	-5345 May 30 j 22:36	10° \times 01'10	46°00'42			-5343 Dec 27 j 06:26	0° $\overline{\cap}$	
	-5345 Jun 19 j 11:43	0° \cap				-5342 Jan 21 j 10:37	0° \approx	
	-5345 Jul 16 j 06:10	0° \times		asc. node		-5342 Jan 29 j 17:13	9° \approx 38'05	
	-5345 Aug 10 j 12:09	0° \cap				-5342 Feb 16 j 16:16	0° \times	
asc. node	-5345 Aug 15 j 01:50	5° \cap 33'19				-5342 Mar 17 j 04:49	0° \cap	
	-5345 Sep 03 j 22:25	0° \ominus		evening max el		-5342 Mar 21 j 13:28	4° \cap 12'11	45°04'35
	-5345 Sep 27 j 22:33	0° Ω				-5342 Apr 25 j 04:20	0° \times	
	-5345 Oct 21 j 19:24	0° \cap		greatest brilliancy		-5342 Apr 25 j 19:40	0° \times 16'26	-4.5m
	-5345 Nov 14 j 17:31	0° $\underline{\cap}$		retrograde		-5342 May 08 j 16:31	3° \times 08'06	
morning set	-5345 Dec 02 j 14:05	22° $\underline{\cap}$ 17'08		desc. node		-5342 May 21 j 19:29	29° \cap 51'24	
desc. node	-5345 Dec 05 j 01:50	25° $\underline{\cap}$ 23'06				-5342 May 21 j 12:17	30° \cap \cap	
	-5345 Dec 08 j 18:51	0° \cap		evening set		-5342 May 23 j 10:42	29° \cap 01'57	
	-5344 Jan 01 j 23:25	0° \times		inferior conj		-5342 May 29 j 22:27	25° \cap 15'37	-1°-53'-47
				minimum elong		-5342 May 29 j 18:17	25° \cap 21'59	1°52'28
superior conj	-5344 Jan 12 j 16:33	13° \times 14'43	-1°-12'-53	min. Earth dist.		-5342 May 30 j 12:31	24° \cap 54'09	0.28209 AU
minimum elong	-5344 Jan 12 j 07:53	12° \times 47'59	1°12'59	morning rise		-5342 Jun 05 j 01:07	21° \cap 39'44	
max. Earth dist.	-5344 Jan 15 j 12:01	16° \times 42'59	1.72910 AU	direct		-5342 Jun 20 j 12:09	17° \cap 08'49	
	-5344 Jan 26 j 06:29	0° $\overline{\cap}$		greatest brilliancy		-5342 Jul 05 j 04:08	20° \cap 55'21	-4.6m
evening rise	-5344 Feb 19 j 22:14	0° \approx 20'08				-5342 Jul 19 j 09:42	0° \times	
	-5344 Feb 19 j 15:41	0° \approx		morning max el		-5342 Aug 09 j 13:25	18° \times 59'11	46°35'06
	-5344 Mar 15 j 03:18	0° \times				-5342 Aug 20 j 04:53	0° \cap	
asc. node	-5344 Mar 26 j 15:45	14° \times 03'30		asc. node		-5342 Sep 11 j 13:29	24° \cap 59'38	
	-5344 Apr 08 j 18:06	0° \cap				-5342 Sep 15 j 20:39	0° \ominus	
	-5344 May 03 j 12:58	0° \times				-5342 Oct 10 j 22:24	0° Ω	
	-5344 May 28 j 13:30	0° \cap				-5342 Nov 04 j 09:35	0° \cap	
	-5344 Jun 22 j 23:13	0° \ominus				-5342 Nov 28 j 17:00	0° $\underline{\cap}$	
desc. node	-5344 Jul 16 j 15:48	27° \ominus 14'08				-5342 Dec 23 j 01:23	0° \cap	
	-5344 Jul 19 j 02:50	0° Ω		desc. node		-5341 Jan 01 j 14:23	11° \cap 43'37	
	-5344 Aug 16 j 01:36	0° \cap				-5341 Jan 16 j 11:47	0° \times	
evening max el	-5344 Aug 16 j 23:40	0° \cap 55'30	47°31'38			-5341 Feb 09 j 23:22	0° $\overline{\cap}$	
	-5344 Sep 21 j 16:25	0° $\underline{\cap}$		morning set		-5341 Feb 14 j 11:05	5° $\overline{\cap}$ 29'50	
greatest brilliancy	-5344 Sep 25 j 04:24	1° $\underline{\cap}$ 37'45	-4.7m			-5341 Mar 06 j 11:00	0° \approx	
retrograde	-5344 Oct 06 j 20:20	4° $\underline{\cap}$ 11'53		max. Earth dist.		-5341 Mar 22 j 03:28	19° \approx 14'11	1.73750 AU
	-5344 Oct 21 j 05:37	30° \cap \cap						
evening set	-5344 Oct 21 j 17:36	29° \cap 43'33		superior conj		-5341 Mar 23 j 06:11	20° \approx 36'06	-1°-4'-47
inferior conj	-5344 Oct 27 j 10:39	26° \cap 18'53	-2°-30'-20	minimum elong		-5341 Mar 23 j 14:26	21° \approx 01'24	1°04'46
minimum elong	-5344 Oct 27 j 16:04	26° \cap 10'31	2°28'37			-5341 Mar 30 j 21:57	0° \times	
min. Earth dist.	-5344 Oct 27 j 00:12	26° \cap 35'01	0.26565 AU	asc. node		-5341 Apr 24 j 04:23	29° \times 49'10	
morning rise	-5344 Nov 02 j 15:03	22° \cap 40'36				-5341 Apr 24 j 07:55	0° \cap	
asc. node	-5344 Nov 06 j 09:24	20° \cap 52'24		evening rise		-5341 Apr 28 j 02:07	4° \cap 37'22	
direct	-5344 Nov 16 j 16:28	18° \cap 40'10				-5341 May 18 j 16:57	0° \times	
greatest brilliancy	-5344 Nov 28 j 00:06	21° \cap 05'34	-4.6m			-5341 Jun 12 j 01:34	0° \cap	
	-5344 Dec 13 j 02:12	0° $\underline{\cap}$				-5341 Jul 06 j 11:00	0° \ominus	
morning max el	-5343 Jan 05 j 12:25	20° $\underline{\cap}$ 40'42	46°20'36			-5341 Jul 30 j 23:28	0° Ω	
	-5343 Jan 14 j 17:48	0° \cap		desc. node		-5341 Aug 14 j 03:45	17° Ω 13'07	
	-5343 Feb 11 j 11:51	0° \times				-5341 Aug 24 j 18:16	0° \cap	
desc. node	-5343 Feb 26 j 12:15	16° \times 57'44				-5341 Sep 19 j 01:25	0° $\underline{\cap}$	
	-5343 Mar 09 j 20:47	0° $\overline{\cap}$				-5341 Oct 15 j 11:54	0° \cap	
	-5343 Apr 04 j 12:44	0° \approx		evening max el		-5341 Oct 28 j 12:20	13° \cap 48'00	47°12'26
	-5343 Apr 29 j 16:41	0° \times				-5341 Nov 14 j 12:25	0° \times	
	-5343 May 24 j 10:39	0° \cap		greatest brilliancy		-5341 Dec 04 j 00:15	13° \times 45'26	-4.6m
	-5343 Jun 17 j 19:51	0° \times		asc. node		-5341 Dec 04 j 20:27	14° \times 10'02	
asc. node	-5343 Jun 19 j 03:31	1° \times 38'05		retrograde		-5341 Dec 18 j 10:13	17° \times 35'55	
morning set	-5343 Jul 01 j 17:57	17° \times 18'17		evening set		-5340 Jan 03 j 17:53	12° \times 16'18	
	-5343 Jul 11 j 21:48	0° \cap		min. Earth dist.		-5340 Jan 07 j 15:58	9° \times 49'18	0.28470 AU

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 13

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5340 Jan 08 j 14:02	9°♌13'49	7°00'42			-5338 Jun 26 j 14:10	0°♐	
minimum elong	-5340 Jan 08 j 05:48	9°♌27'04	6°59'08	evening rise		-5338 Jul 03 j 18:57	8°♐59'11	
morning rise	-5340 Jan 12 j 18:16	6°♌36'21				-5338 Jul 20 j 14:31	0°♑	
direct	-5340 Jan 29 j 16:42	1°♌02'39				-5338 Aug 13 j 14:33	0°♒	
greatest brilliancy	-5340 Feb 09 j 14:10	3°♌11'54	-4.5m			-5338 Sep 06 j 16:29	0°♓	
	-5340 Mar 17 j 12:29	0°♍		desc. node		-5338 Sep 10 j 16:06	4°♓56'42	
morning max el	-5340 Mar 18 j 09:47	0°♍50'29	45°52'12			-5338 Sep 30 j 22:25	0°♎	
desc. node	-5340 Mar 25 j 23:39	8°♍13'43				-5338 Oct 25 j 10:58	0°♏	
	-5340 Apr 15 j 20:08	0°♎				-5338 Nov 19 j 11:39	0°♐	
	-5340 May 12 j 15:47	0°♏				-5338 Dec 15 j 14:19	0°♑	
	-5340 Jun 07 j 06:51	0°♐		asc. node		-5337 Jan 01 j 07:47	17°♑55'38	
	-5340 Jul 02 j 03:27	0°♒		evening max el		-5337 Jan 07 j 04:53	23°♑50'44	45°42'43
asc. node	-5340 Jul 16 j 15:57	17°♒51'13				-5337 Jan 13 j 14:49	0°♓	
	-5340 Jul 26 j 10:51	0°♐		greatest brilliancy		-5337 Feb 10 j 04:40	20°♓37'47	-4.5m
	-5340 Aug 19 j 09:28	0°♑		retrograde		-5337 Feb 25 j 05:29	24°♓35'41	
	-5340 Sep 12 j 03:43	0°♒		evening set		-5337 Mar 14 j 06:52	19°♓00'45	
morning set	-5340 Sep 12 j 15:50	0°♒38'17		inferior conj		-5337 Mar 18 j 16:34	16°♓17'11	6°50'00
	-5340 Oct 05 j 21:32	0°♓		minimum elong		-5337 Mar 19 j 00:42	16°♓04'19	6°48'32
				min. Earth dist.		-5337 Mar 19 j 06:35	15°♓55'02	0.29431 AU
superior conj	-5340 Oct 24 j 02:23	22°♓55'31	0°28'33	morning rise		-5337 Mar 23 j 18:27	13°♓09'17	
minimum elong	-5340 Oct 24 j 09:52	23°♓19'02	0°28'16	direct		-5337 Apr 09 j 12:44	7°♓48'06	
max. Earth dist.	-5340 Oct 29 j 08:04	29°♓30'06	1.71185 AU	desc. node		-5337 Apr 23 j 10:31	11°♓09'49	
	-5340 Oct 29 j 17:36	0°♎		greatest brilliancy		-5337 Apr 23 j 06:09	11°♓04'56	-4.5m
desc. node	-5340 Nov 05 j 15:15	8°♎39'12				-5337 May 20 j 03:10	0°♏	
	-5340 Nov 22 j 17:05	0°♏		morning max el		-5337 May 28 j 15:51	7°♏53'53	45°59'41
evening rise	-5340 Dec 05 j 15:37	16°♏06'26				-5337 Jun 19 j 04:42	0°♐	
	-5340 Dec 16 j 20:13	0°♐				-5337 Jul 15 j 20:14	0°♑	
	-5339 Jan 10 j 03:19	0°♑				-5337 Aug 10 j 00:56	0°♒	
	-5339 Feb 03 j 15:44	0°♓		asc. node		-5337 Aug 14 j 03:59	5°♒01'22	
asc. node	-5339 Feb 26 j 05:25	27°♓16'16				-5337 Sep 03 j 10:32	0°♑	
	-5339 Feb 28 j 12:06	0°♏				-5337 Sep 27 j 10:16	0°♒	
	-5339 Mar 25 j 20:28	0°♐				-5337 Oct 21 j 06:54	0°♓	
	-5339 Apr 20 j 23:29	0°♒				-5337 Nov 14 j 04:50	0°♎	
	-5339 May 18 j 13:26	0°♐		morning set		-5337 Nov 30 j 00:41	19°♎45'41	
evening max el	-5339 Jun 01 j 16:55	14°♐13'00	46°03'29	desc. node		-5337 Dec 04 j 03:54	24°♎54'41	
desc. node	-5339 Jun 18 j 06:41	29°♐03'19				-5337 Dec 08 j 06:03	0°♏	
	-5339 Jun 19 j 10:54	0°♑				-5336 Jan 01 j 10:30	0°♐	
greatest brilliancy	-5339 Jul 10 j 20:39	13°♑01'20	-4.6m					
retrograde	-5339 Jul 21 j 06:54	15°♑00'17		superior conj		-5336 Jan 10 j 06:09	10°♐54'21	-1°-11'-9
evening set	-5339 Aug 08 j 02:48	9°♑07'35		minimum elong		-5336 Jan 09 j 21:00	10°♐26'05	1°11'14
inferior conj	-5339 Aug 11 j 02:46	7°♑20'29	-8°-55'-51	max. Earth dist.		-5336 Jan 13 j 05:46	14°♐35'35	1.72862 AU
minimum elong	-5339 Aug 11 j 00:46	7°♑23'29	8°55'30			-5336 Jan 25 j 17:30	0°♑	
min. Earth dist.	-5339 Aug 11 j 08:29	7°♑11'52	0.26966 AU	evening rise		-5336 Feb 17 j 14:59	28°♑10'24	
morning rise	-5339 Aug 13 j 22:37	5°♑39'05				-5336 Feb 19 j 02:41	0°♓	
	-5339 Aug 27 j 14:17	30°♒♐				-5336 Mar 14 j 14:26	0°♏	
direct	-5339 Aug 31 j 17:30	29°♐39'01		asc. node		-5336 Mar 25 j 17:48	13°♏35'34	
	-5339 Sep 04 j 22:33	0°♑				-5336 Apr 08 j 05:32	0°♐	
greatest brilliancy	-5339 Sep 14 j 00:04	2°♑53'22	-4.7m			-5336 May 03 j 00:57	0°♒	
asc. node	-5339 Oct 09 j 00:34	21°♑02'09				-5336 May 28 j 02:21	0°♐	
	-5339 Oct 18 j 08:20	0°♒				-5336 Jun 22 j 13:31	0°♑	
morning max el	-5339 Oct 21 j 12:39	3°♒13'20	46°49'59	desc. node		-5336 Jul 15 j 18:02	26°♑33'43	
	-5339 Nov 15 j 03:32	0°♓				-5336 Jul 18 j 19:49	0°♒	
	-5339 Dec 11 j 00:24	0°♎		evening max el		-5336 Aug 14 j 14:46	28°♒33'49	47°29'59
	-5338 Jan 05 j 07:08	0°♏				-5336 Aug 16 j 01:21	0°♓	
desc. node	-5338 Jan 29 j 02:37	28°♏29'11		greatest brilliancy		-5336 Sep 22 j 19:34	29°♓10'48	-4.7m
	-5338 Jan 30 j 08:54	0°♐				-5336 Sep 24 j 23:21	0°♎	
	-5338 Feb 24 j 07:37	0°♑		retrograde		-5336 Oct 04 j 09:41	1°♎42'15	
	-5338 Mar 21 j 02:56	0°♓				-5336 Oct 13 j 10:30	30°♒♓	
	-5338 Apr 14 j 18:12	0°♏		evening set		-5336 Oct 19 j 08:33	27°♓11'56	
morning set	-5338 Apr 23 j 01:20	10°♏09'14		inferior conj		-5336 Oct 24 j 23:23	23°♓50'20	-2°-53'-21
	-5338 May 09 j 05:02	0°♐		minimum elong		-5336 Oct 25 j 05:33	23°♓40'48	2°51'25
asc. node	-5338 May 21 j 17:01	15°♐25'19		min. Earth dist.		-5336 Oct 24 j 13:48	24°♓05'08	0.26532 AU
max. Earth dist.	-5338 May 24 j 15:15	19°♐02'32	1.72943 AU	morning rise		-5336 Oct 31 j 03:07	20°♓13'17	
				asc. node		-5336 Nov 05 j 11:25	17°♓48'18	
superior conj	-5338 May 28 j 18:44	24°♐10'31	0°16'29	direct		-5336 Nov 14 j 05:36	16°♓12'39	
minimum elong	-5338 May 28 j 15:31	24°♐00'32	0°16'26	greatest brilliancy		-5336 Nov 25 j 12:49	18°♓38'05	-4.6m
	-5338 Jun 02 j 11:28	0°♒				-5336 Dec 13 j 19:08	0°♎	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5335 Jan 03 j 02:16	18° Ω 19'13	46°21'50			-5333 Jul 30 j 12:11	0° Ω	
	-5335 Jan 14 j 13:42	0° \mathbb{M}		desc. node		-5333 Aug 13 j 05:54	16° Ω 39'41	
	-5335 Feb 11 j 03:08	0° \mathcal{A}				-5333 Aug 24 j 07:58	0° \mathbb{M}	
desc. node	-5335 Feb 25 j 14:26	16° \mathcal{A} 23'53				-5333 Sep 18 j 16:44	0° Ω	
	-5335 Mar 09 j 10:05	0° \mathcal{Z}				-5333 Oct 15 j 06:47	0° \mathbb{M}	
	-5335 Apr 04 j 00:59	0° \approx		evening max el		-5333 Oct 26 j 02:38	11° \mathbb{M} 25'10	47°14'58
	-5335 Apr 29 j 04:20	0° \mathcal{H}				-5333 Nov 14 j 21:23	0° \mathcal{A}	
	-5335 May 23 j 21:58	0° \mathcal{Y}		greatest brilliancy		-5333 Dec 01 j 18:31	11° \mathcal{A} 31'11	-4.6m
	-5335 Jun 17 j 07:00	0° \mathcal{B}		asc. node		-5333 Dec 03 j 22:45	12° \mathcal{A} 32'12	
asc. node	-5335 Jun 18 j 05:42	1° \mathcal{B} 10'18		retrograde		-5333 Dec 16 j 02:21	15° \mathcal{A} 20'02	
morning set	-5335 Jun 29 j 10:22	15° \mathcal{B} 05'13		evening set		-5332 Jan 01 j 07:16	10° \mathcal{A} 04'49	
	-5335 Jul 11 j 08:55	0° \mathbb{I}		min. Earth dist.		-5332 Jan 05 j 07:38	7° \mathcal{A} 34'46	0.28394 AU
max. Earth dist.	-5335 Aug 03 j 11:29	29° \mathbb{I} 01'56	1.71206 AU	inferior conj		-5332 Jan 06 j 06:07	6° \mathcal{A} 58'41	6°50'05
	-5335 Aug 04 j 05:55	0° \mathcal{E}		minimum elong		-5332 Jan 05 j 21:35	7° \mathcal{A} 12'23	6°48'23
				morning rise		-5332 Jan 10 j 12:25	4° \mathcal{A} 18'09	
superior conj	-5335 Aug 06 j 01:52	2° \mathcal{E} 18'24	1°22'08			-5332 Jan 19 j 15:12	30° \mathbb{R} \mathbb{M}	
minimum elong	-5335 Aug 05 j 22:06	2° \mathcal{E} 06'34	1°22'25	direct		-5332 Jan 27 j 07:13	28° \mathbb{M} 48'35	
	-5335 Aug 28 j 00:53	0° Ω				-5332 Feb 04 j 07:20	0° \mathcal{A}	
evening rise	-5335 Sep 15 j 01:50	22° Ω 43'43		greatest brilliancy		-5332 Feb 07 j 05:13	0° \mathcal{A} 58'06	-4.5m
	-5335 Sep 20 j 20:32	0° \mathbb{M}		morning max el		-5332 Mar 16 j 00:33	28° \mathcal{A} 36'56	45°52'49
desc. node	-5335 Oct 08 j 04:36	21° \mathbb{M} 45'13				-5332 Mar 17 j 11:18	0° \mathcal{Z}	
	-5335 Oct 14 j 18:48	0° Ω		desc. node		-5332 Mar 25 j 01:40	7° \mathcal{Z} 28'33	
	-5335 Nov 07 j 20:46	0° \mathbb{M}				-5332 Apr 15 j 12:05	0° \approx	
	-5335 Dec 02 j 03:46	0° \mathcal{A}				-5332 May 12 j 05:20	0° \mathcal{H}	
	-5335 Dec 26 j 18:45	0° \mathcal{Z}				-5332 Jun 06 j 19:16	0° \mathcal{Y}	
	-5334 Jan 20 j 23:54	0° \approx				-5332 Jul 01 j 15:18	0° \mathcal{B}	
asc. node	-5334 Jan 28 j 19:25	9° \approx 04'46		asc. node		-5332 Jul 15 j 18:08	17° \mathcal{B} 21'51	
	-5334 Feb 16 j 07:42	0° \mathcal{H}				-5332 Jul 25 j 22:25	0° \mathbb{I}	
	-5334 Mar 17 j 02:31	0° \mathcal{Y}				-5332 Aug 18 j 20:55	0° \mathcal{E}	
evening max el	-5334 Mar 19 j 04:14	1° \mathcal{Y} 58'53	45°04'03	morning set		-5332 Sep 10 j 03:08	28° \mathcal{E} 06'13	
greatest brilliancy	-5334 Apr 23 j 09:21	28° \mathcal{Y} 02'35	-4.5m			-5332 Sep 11 j 15:07	0° Ω	
	-5334 Apr 29 j 03:29	0° \mathcal{B}				-5332 Oct 05 j 08:55	0° \mathbb{M}	
retrograde	-5334 May 06 j 06:44	0° \mathcal{B} 55'24						
	-5334 May 13 j 04:50	30° \mathbb{R} \mathcal{Y}		superior conj		-5332 Oct 21 j 10:54	20° \mathbb{M} 15'42	0°32'18
desc. node	-5334 May 20 j 21:40	26° \mathcal{Y} 54'10		minimum elong		-5332 Oct 21 j 19:13	20° \mathbb{M} 41'50	0°32'00
evening set	-5334 May 21 j 01:39	26° \mathcal{Y} 48'57		max. Earth dist.		-5332 Oct 26 j 11:11	26° \mathbb{M} 33'34	1.71143 AU
inferior conj	-5334 May 27 j 13:36	23° \mathcal{Y} 02'20	-1°-33'-22			-5332 Oct 29 j 04:58	0° Ω	
minimum elong	-5334 May 27 j 10:10	23° \mathcal{Y} 07'36	1°32'17	desc. node		-5332 Nov 04 j 17:21	8° Ω 10'06	
min. Earth dist.	-5334 May 28 j 04:39	22° \mathcal{Y} 39'18	0.28259 AU			-5332 Nov 22 j 04:28	0° \mathbb{M}	
morning rise	-5334 Jun 02 j 17:48	19° \mathcal{Y} 23'47		evening rise		-5332 Dec 03 j 01:56	13° \mathbb{M} 33'58	
direct	-5334 Jun 18 j 03:21	14° \mathcal{Y} 54'26				-5332 Dec 16 j 07:38	0° \mathcal{A}	
greatest brilliancy	-5334 Jul 02 j 20:15	18° \mathcal{Y} 40'58	-4.6m			-5331 Jan 09 j 14:48	0° \mathcal{Z}	
	-5334 Jul 19 j 22:03	0° \mathcal{B}				-5331 Feb 03 j 03:24	0° \approx	
morning max el	-5334 Aug 07 j 02:50	16° \mathcal{B} 36'30	46°33'53	asc. node		-5331 Feb 25 j 07:32	26° \approx 46'25	
	-5334 Aug 19 j 23:55	0° \mathbb{I}				-5331 Feb 28 j 00:15	0° \mathcal{H}	
asc. node	-5334 Sep 10 j 15:36	24° \mathbb{I} 20'26				-5331 Mar 25 j 09:34	0° \mathcal{Y}	
	-5334 Sep 15 j 11:50	0° \mathcal{E}				-5331 Apr 20 j 14:33	0° \mathcal{B}	
	-5334 Oct 10 j 11:59	0° Ω				-5331 May 18 j 09:03	0° \mathbb{I}	
	-5334 Nov 03 j 22:19	0° \mathbb{M}		evening max el		-5331 May 30 j 06:11	11° \mathbb{I} 51'37	46°00'17
	-5334 Nov 28 j 05:11	0° Ω		desc. node		-5331 Jun 17 j 08:53	27° \mathbb{I} 54'17	
	-5334 Dec 22 j 13:09	0° \mathbb{M}				-5331 Jun 20 j 02:06	0° \mathcal{E}	
desc. node	-5334 Dec 31 j 16:35	11° \mathbb{M} 14'37		greatest brilliancy		-5331 Jul 08 j 06:10	10° \mathcal{E} 32'24	-4.6m
	-5333 Jan 15 j 23:12	0° \mathcal{A}		retrograde		-5331 Jul 18 j 19:29	12° \mathcal{E} 33'47	
	-5333 Feb 09 j 10:32	0° \mathcal{Z}		evening set		-5331 Aug 05 j 12:28	6° \mathcal{E} 44'23	
morning set	-5333 Feb 12 j 03:18	3° \mathcal{Z} 18'26		inferior conj		-5331 Aug 08 j 15:07	4° \mathcal{E} 53'30	-8°-52'-33
	-5333 Mar 05 j 22:01	0° \approx		minimum elong		-5331 Aug 08 j 12:11	4° \mathcal{E} 57'54	8°52'09
max. Earth dist.	-5333 Mar 19 j 23:37	17° \approx 15'10	1.73748 AU	min. Earth dist.		-5331 Aug 08 j 20:27	4° \mathcal{E} 45'29	0.27007 AU
				morning rise		-5331 Aug 11 j 11:47	3° \mathcal{E} 11'06	
superior conj	-5333 Mar 21 j 00:59	18° \approx 32'58	-1°-6'-38			-5331 Aug 17 j 11:30	30° \mathbb{R} \mathbb{I}	
minimum elong	-5333 Mar 21 j 09:06	18° \approx 57'51	1°06'38	direct		-5331 Aug 29 j 07:00	27° \mathbb{I} 11'18	
	-5333 Mar 30 j 08:55	0° \mathcal{H}				-5331 Sep 10 j 14:07	0° \mathcal{E}	
asc. node	-5333 Apr 23 j 06:26	29° \mathcal{H} 21'32		greatest brilliancy		-5331 Sep 11 j 15:07	0° \mathcal{E} 27'58	-4.7m
	-5333 Apr 23 j 18:57	0° \mathcal{Y}		asc. node		-5331 Oct 08 j 02:39	19° \mathcal{E} 59'05	
evening rise	-5333 Apr 25 j 21:46	2° \mathcal{Y} 36'12				-5331 Oct 18 j 08:14	0° Ω	
	-5333 May 18 j 04:12	0° \mathcal{B}		morning max el		-5331 Oct 19 j 02:51	0° Ω 47'34	46°50'19
	-5333 Jun 11 j 13:09	0° \mathbb{I}				-5331 Nov 14 j 20:33	0° \mathbb{M}	
	-5333 Jul 05 j 23:04	0° \mathcal{E}				-5331 Dec 10 j 14:52	0° Ω	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5330 Jan 04 j 20:16	0°♌			-5328 Jul 18 j 12:56	0°♎	
desc. node	-5330 Jan 28 j 04:43	27°♌58'25		evening max el	-5328 Aug 12 j 05:03	26°♎10'28	47°28'00
	-5330 Jan 29 j 21:12	0°♏			-5328 Aug 16 j 02:02	0°♐	
	-5330 Feb 23 j 19:21	0°♐		greatest brilliancy	-5328 Sep 20 j 11:13	26°♐44'28	-4.7m
	-5330 Mar 20 j 14:16	0°♑		retrograde	-5328 Oct 01 j 22:21	29°♐12'15	
	-5330 Apr 14 j 05:16	0°♒		evening set	-5328 Oct 16 j 23:33	24°♐39'51	
morning set	-5330 Apr 20 j 20:43	8°♒07'46		inferior conj	-5328 Oct 22 j 12:00	21°♐21'29	-3°-16'-6
	-5330 May 08 j 15:59	0°♓		minimum elong	-5328 Oct 22 j 18:54	21°♐10'49	3°13'59
asc. node	-5330 May 20 j 19:17	14°♓58'30		min. Earth dist.	-5328 Oct 22 j 03:34	21°♐34'31	0.26508 AU
max. Earth dist.	-5330 May 22 j 13:05	17°♓07'44	1.72993 AU	morning rise	-5328 Oct 28 j 14:47	17°♐45'42	
				asc. node	-5328 Nov 04 j 13:46	14°♐48'51	
superior conj	-5330 May 26 j 13:36	22°♓06'19	0°13'28	direct	-5328 Nov 11 j 18:12	13°♐44'39	
minimum elong	-5330 May 26 j 10:57	21°♓58'08	0°13'27	greatest brilliancy	-5328 Nov 23 j 02:14	16°♐10'40	-4.6m
behind sun begin	-5330 May 25 j 23:04	21°♓21'19			-5328 Dec 14 j 08:00	0°♑	
behind sun end	-5330 May 26 j 22:51	22°♓34'59		morning max el	-5328 Dec 31 j 15:11	15°♑54'47	46°23'02
	-5330 Jun 01 j 22:27	0°♒			-5327 Jan 14 j 09:08	0°♌	
	-5330 Jun 26 j 01:17	0°♑			-5327 Feb 10 j 18:15	0°♏	
evening rise	-5330 Jul 01 j 12:26	6°♑49'05		desc. node	-5327 Feb 24 j 16:31	15°♏49'56	
	-5330 Jul 20 j 01:51	0°♒			-5327 Mar 08 j 23:16	0°♐	
	-5330 Aug 13 j 02:10	0°♎			-5327 Apr 03 j 13:08	0°♑	
	-5330 Sep 06 j 04:26	0°♐			-5327 Apr 28 j 15:53	0°♒	
desc. node	-5330 Sep 09 j 18:06	4°♐25'41			-5327 May 23 j 09:11	0°♓	
	-5330 Sep 30 j 10:48	0°♑			-5327 Jun 16 j 18:02	0°♒	
	-5330 Oct 24 j 23:58	0°♌		asc. node	-5327 Jun 17 j 07:52	0°♒42'49	
	-5330 Nov 19 j 01:45	0°♏		morning set	-5327 Jun 27 j 03:07	12°♒53'39	
	-5330 Dec 15 j 06:55	0°♐			-5327 Jul 10 j 19:53	0°♑	
asc. node	-5330 Dec 31 j 09:58	17°♐09'56		max. Earth dist.	-5327 Jul 31 j 19:46	26°♑22'19	1.71254 AU
evening max el	-5329 Jan 04 j 21:20	21°♐39'19	45°45'31				
	-5329 Jan 13 j 16:03	0°♑		superior conj	-5327 Aug 03 j 16:23	29°♑58'20	1°21'23
greatest brilliancy	-5329 Feb 07 j 21:57	18°♑30'46	-4.5m	minimum elong	-5327 Aug 03 j 11:54	29°♑44'12	1°21'39
retrograde	-5329 Feb 22 j 23:01	22°♑28'37			-5327 Aug 03 j 16:55	0°♒	
evening set	-5329 Mar 12 j 02:12	16°♑50'09			-5327 Aug 27 j 11:58	0°♎	
inferior conj	-5329 Mar 16 j 09:39	14°♑09'25	6°59'53	evening rise	-5327 Sep 12 j 11:47	20°♎08'51	
minimum elong	-5329 Mar 16 j 17:31	13°♑56'59	6°58'33		-5327 Sep 20 j 07:46	0°♐	
min. Earth dist.	-5329 Mar 16 j 22:18	13°♑49'23	0.29440 AU	desc. node	-5327 Oct 07 j 06:45	21°♐16'32	
morning rise	-5329 Mar 21 j 08:48	11°♑05'21			-5327 Oct 14 j 06:10	0°♑	
direct	-5329 Apr 07 j 06:12	5°♑40'29			-5327 Nov 07 j 08:19	0°♌	
greatest brilliancy	-5329 Apr 20 j 19:55	8°♑53'48	-4.5m		-5327 Dec 01 j 15:35	0°♏	
desc. node	-5329 Apr 22 j 12:42	9°♑41'18			-5327 Dec 26 j 07:03	0°♐	
	-5329 May 20 j 04:59	0°♒			-5326 Jan 20 j 13:13	0°♑	
morning max el	-5329 May 26 j 08:39	5°♒45'33	45°58'50	asc. node	-5326 Jan 27 j 21:32	8°♑31'06	
	-5329 Jun 18 j 21:21	0°♓			-5326 Feb 15 j 23:20	0°♒	
	-5329 Jul 15 j 10:08	0°♒		evening max el	-5326 Mar 16 j 18:18	29°♒44'07	45°03'46
	-5329 Aug 09 j 13:38	0°♑			-5326 Mar 17 j 01:00	0°♓	
asc. node	-5329 Aug 13 j 06:07	4°♑29'31		greatest brilliancy	-5326 Apr 20 j 21:56	25°♓47'42	-4.5m
	-5329 Sep 02 j 22:38	0°♒		retrograde	-5326 May 03 j 21:09	28°♓43'09	
	-5329 Sep 26 j 22:03	0°♎		evening set	-5326 May 18 j 16:39	24°♓35'49	
	-5329 Oct 20 j 18:30	0°♐		desc. node	-5326 May 19 j 23:56	23°♓53'38	
	-5329 Nov 13 j 16:18	0°♑		inferior conj	-5326 May 25 j 04:39	20°♓49'18	-1°-12'-53
morning set	-5329 Nov 27 j 10:44	17°♑12'02		minimum elong	-5326 May 25 j 01:57	20°♓53'25	1°12'02
desc. node	-5329 Dec 03 j 06:09	24°♑26'21		min. Earth dist.	-5326 May 25 j 20:42	20°♓24'44	0.28309 AU
	-5329 Dec 07 j 17:22	0°♌		morning rise	-5326 May 31 j 10:17	17°♓08'30	
	-5329 Dec 31 j 21:40	0°♏		direct	-5326 Jun 15 j 18:16	12°♓40'07	
				greatest brilliancy	-5326 Jun 30 j 13:12	16°♓28'09	-4.6m
superior conj	-5328 Jan 07 j 19:07	8°♏31'40	-1°-9'-16		-5326 Jul 20 j 07:02	0°♒	
minimum elong	-5328 Jan 07 j 09:32	8°♏02'02	1°09'18	morning max el	-5326 Aug 04 j 17:08	14°♒16'49	46°32'58
max. Earth dist.	-5328 Jan 11 j 00:49	12°♏31'45	1.72809 AU		-5326 Aug 19 j 18:13	0°♑	
	-5328 Jan 25 j 04:34	0°♐		asc. node	-5326 Sep 09 j 17:44	23°♑42'25	
evening rise	-5328 Feb 15 j 07:21	25°♐59'17			-5326 Sep 15 j 02:32	0°♒	
	-5328 Feb 18 j 13:46	0°♑			-5326 Oct 10 j 01:09	0°♎	
	-5328 Mar 14 j 01:39	0°♒			-5326 Nov 03 j 10:41	0°♐	
asc. node	-5328 Mar 24 j 19:54	13°♒07'31			-5326 Nov 27 j 17:01	0°♑	
	-5328 Apr 07 j 17:02	0°♓			-5326 Dec 22 j 00:37	0°♌	
	-5328 May 02 j 12:58	0°♒		desc. node	-5326 Dec 30 j 18:36	10°♌45'52	
	-5328 May 27 j 15:12	0°♑			-5325 Jan 15 j 10:24	0°♏	
	-5328 Jun 22 j 03:49	0°♒			-5325 Feb 08 j 21:31	0°♐	
desc. node	-5328 Jul 14 j 20:09	25°♒53'05		morning set	-5325 Feb 09 j 18:56	1°♐05'37	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5325 Mar 05 j 08:51	0°♊		inferior conj	-5323 Aug 06 j 03:26	2°♊27'25	-8°-48'-23
max. Earth dist.	-5325 Mar 17 j 19:05	15°♊14'37	1.73745 AU	minimum elong	-5323 Aug 05 j 23:35	2°♊33'12	8°47'54
				min. Earth dist.	-5323 Aug 06 j 08:13	2°♊20'12	0.27045 AU
superior conj	-5325 Mar 18 j 19:19	16°♊28'54	-1°-8'-24	morning rise	-5323 Aug 09 j 01:18	0°♊43'19	
minimum elong	-5325 Mar 19 j 03:16	16°♊53'18	1°08'27		-5323 Aug 10 j 07:20	30°♊	
	-5325 Mar 29 j 19:41	0°♋		direct	-5323 Aug 26 j 20:42	24°♋44'43	
asc. node	-5325 Apr 22 j 08:40	28°♋55'07		greatest brilliancy	-5323 Sep 09 j 05:01	28°♋02'03	-4.7m
	-5325 Apr 23 j 05:48	0°♌			-5323 Sep 13 j 00:44	0°♌	
evening rise	-5325 Apr 23 j 17:06	0°♌34'44		asc. node	-5323 Oct 07 j 04:57	18°♌58'52	
	-5325 May 17 j 15:14	0°♍		morning max el	-5323 Oct 16 j 16:59	28°♌22'39	46°50'37
	-5325 Jun 11 j 00:33	0°♎			-5323 Oct 18 j 06:46	0°♎	
	-5325 Jul 05 j 10:57	0°♏			-5323 Nov 14 j 12:54	0°♏	
	-5325 Jul 30 j 00:43	0°♐			-5323 Dec 10 j 04:48	0°♐	
desc. node	-5325 Aug 12 j 07:57	16°♐06'45			-5322 Jan 04 j 08:56	0°♑	
	-5325 Aug 23 j 21:25	0°♑		desc. node	-5322 Jan 27 j 06:47	27°♑28'54	
	-5325 Sep 18 j 07:50	0°♒			-5322 Jan 29 j 09:03	0°♒	
	-5325 Oct 15 j 01:38	0°♓			-5322 Feb 23 j 06:40	0°♓	
evening max el	-5325 Oct 23 j 17:21	9°♓04'50	47°17'29		-5322 Mar 20 j 01:14	0°♓	
	-5325 Nov 15 j 08:43	0°♈			-5322 Apr 13 j 16:03	0°♈	
greatest brilliancy	-5325 Nov 29 j 11:38	9°♈16'37	-4.6m	morning set	-5322 Apr 18 j 15:59	6°♈06'51	
asc. node	-5325 Dec 03 j 00:53	10°♈51'54			-5322 May 08 j 02:43	0°♉	
retrograde	-5325 Dec 13 j 18:47	13°♈05'19		asc. node	-5322 May 19 j 21:23	14°♉31'50	
evening set	-5325 Dec 29 j 20:39	7°♈54'06		max. Earth dist.	-5322 May 20 j 08:43	15°♉06'51	1.73044 AU
min. Earth dist.	-5324 Jan 02 j 23:03	5°♈21'27	0.28325 AU				
inferior conj	-5324 Jan 03 j 22:11	4°♈44'25	6°38'46	superior conj	-5322 May 24 j 08:17	20°♉02'20	0°10'27
minimum elong	-5324 Jan 03 j 13:25	4°♈58'28	6°36'57	minimum elong	-5322 May 24 j 06:14	19°♉56'00	0°10'25
morning rise	-5324 Jan 08 j 06:44	2°♈00'50		behind sun begin	-5322 May 23 j 13:20	19°♉03'44	
	-5324 Jan 11 j 21:40	30°♊		behind sun end	-5322 May 24 j 23:07	20°♉48'16	
direct	-5324 Jan 24 j 22:01	26°♊35'14			-5322 Jun 01 j 09:14	0°♋	
greatest brilliancy	-5324 Feb 04 j 20:22	28°♊45'16	-4.5m		-5322 Jun 25 j 12:11	0°♋	
	-5324 Feb 07 j 19:52	0°♌		evening rise	-5322 Jun 29 j 05:42	4°♋39'07	
morning max el	-5324 Mar 13 j 16:15	26°♌26'16	45°53'17		-5322 Jul 19 j 12:57	0°♌	
	-5324 Mar 17 j 08:59	0°♍			-5322 Aug 12 j 13:32	0°♍	
desc. node	-5324 Mar 24 j 03:51	6°♍45'04			-5322 Sep 05 j 16:09	0°♎	
	-5324 Apr 15 j 03:34	0°♎		desc. node	-5322 Sep 08 j 20:16	3°♎55'59	
	-5324 May 11 j 18:32	0°♏			-5322 Sep 29 j 22:57	0°♏	
	-5324 Jun 06 j 07:23	0°♐			-5322 Oct 24 j 12:45	0°♐	
	-5324 Jul 01 j 02:50	0°♑			-5322 Nov 18 j 15:39	0°♑	
asc. node	-5324 Jul 14 j 20:10	16°♑52'58			-5322 Dec 14 j 23:27	0°♒	
greatest brilliancy	-5324 Jul 21 j 08:15	24°♑56'53	-4.0m	asc. node	-5322 Dec 30 j 12:06	16°♒24'35	
	-5324 Jul 25 j 09:41	0°♓		evening max el	-5321 Jan 02 j 13:39	19°♒28'34	45°48'25
	-5324 Aug 18 j 08:04	0°♈			-5321 Jan 13 j 18:05	0°♓	
morning set	-5324 Sep 07 j 14:38	25°♈35'46		greatest brilliancy	-5321 Feb 05 j 15:43	16°♓25'43	-4.5m
	-5324 Sep 11 j 02:13	0°♉		retrograde	-5321 Feb 20 j 16:18	20°♓23'05	
	-5324 Oct 04 j 19:58	0°♊		evening set	-5321 Mar 09 j 21:38	14°♓41'24	
				inferior conj	-5321 Mar 14 j 02:59	12°♓03'22	7°09'07
superior conj	-5324 Oct 18 j 19:42	17°♊37'39	0°35'58	minimum elong	-5321 Mar 14 j 10:29	11°♓51'26	7°07'53
minimum elong	-5324 Oct 19 j 04:47	18°♊06'14	0°35'39	min. Earth dist.	-5321 Mar 14 j 14:24	11°♓45'12	0.29449 AU
max. Earth dist.	-5324 Oct 23 j 16:18	23°♊44'15	1.71098 AU	morning rise	-5321 Mar 18 j 23:21	9°♓02'58	
	-5324 Oct 28 j 16:00	0°♋		direct	-5321 Apr 04 j 23:38	3°♓34'34	
desc. node	-5324 Nov 03 j 19:33	7°♋42'33		greatest brilliancy	-5321 Apr 18 j 09:19	6°♓43'26	-4.5m
	-5324 Nov 21 j 15:29	0°♌		desc. node	-5321 Apr 21 j 14:57	8°♓16'51	
evening rise	-5324 Nov 30 j 12:31	11°♌03'28			-5321 May 20 j 05:12	0°♈	
	-5324 Dec 15 j 18:39	0°♍		morning max el	-5321 May 24 j 00:47	3°♈36'19	45°57'49
	-5323 Jan 09 j 01:53	0°♎			-5321 Jun 18 j 13:31	0°♉	
	-5323 Feb 02 j 14:44	0°♏			-5321 Jul 14 j 23:47	0°♊	
asc. node	-5323 Feb 24 j 09:37	26°♏17'21			-5321 Aug 09 j 02:08	0°♋	
	-5323 Feb 27 j 12:07	0°♌		asc. node	-5321 Aug 12 j 08:17	3°♋58'15	
	-5323 Mar 24 j 22:30	0°♍			-5321 Sep 02 j 10:32	0°♌	
	-5323 Apr 20 j 05:34	0°♎			-5321 Sep 26 j 09:38	0°♍	
	-5323 May 18 j 05:01	0°♏			-5321 Oct 20 j 05:53	0°♎	
evening max el	-5323 May 27 j 20:20	9°♏33'13	45°57'11		-5321 Nov 13 j 03:33	0°♏	
desc. node	-5323 Jun 16 j 10:59	26°♏43'44		morning set	-5321 Nov 24 j 20:46	14°♏38'49	
	-5323 Jun 20 j 21:53	0°♐		desc. node	-5321 Dec 02 j 08:07	23°♏57'49	
greatest brilliancy	-5323 Jul 05 j 15:43	8°♐04'35	-4.6m		-5321 Dec 07 j 04:28	0°♑	
retrograde	-5323 Jul 16 j 08:05	10°♐08'02			-5321 Dec 31 j 08:39	0°♒	
evening set	-5323 Aug 02 j 21:45	4°♐22'46					

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5320 Jan 05 j 08:09	6°♂09'41	-1°-7'-16			-5318 Jul 20 j 13:25	0°♂	
minimum elong	-5320 Jan 04 j 22:11	5°♂38'52	1°07'15	morning max el		-5318 Aug 02 j 08:36	12°♂00'19	46°31'41
max. Earth dist.	-5320 Jan 08 j 19:46	10°♂28'12	1.72750 AU			-5318 Aug 19 j 12:10	0°♂	
	-5320 Jan 24 j 15:26	0°♂		asc. node		-5318 Sep 08 j 20:00	23°♂04'36	
evening rise	-5320 Feb 12 j 23:52	23°♂49'11				-5318 Sep 14 j 17:15	0°♂	
	-5320 Feb 18 j 00:37	0°♂				-5318 Oct 09 j 14:29	0°♂	
	-5320 Mar 13 j 12:37	0°♂				-5318 Nov 02 j 23:14	0°♂	
asc. node	-5320 Mar 23 j 22:11	12°♂40'46				-5318 Nov 27 j 05:03	0°♂	
	-5320 Apr 07 j 04:20	0°♂				-5318 Dec 21 j 12:15	0°♂	
	-5320 May 02 j 00:51	0°♂		desc. node		-5318 Dec 29 j 20:43	10°♂16'53	
	-5320 May 27 j 04:02	0°♂				-5317 Jan 14 j 21:45	0°♂	
	-5320 Jun 21 j 18:14	0°♂		morning set		-5317 Feb 07 j 10:25	28°♂51'51	
desc. node	-5320 Jul 13 j 22:14	25°♂11'51				-5317 Feb 08 j 08:39	0°♂	
	-5320 Jul 18 j 06:25	0°♂				-5317 Mar 04 j 19:50	0°♂	
evening max el	-5320 Aug 09 j 18:20	23°♂44'38	47°25'58	max. Earth dist.		-5317 Mar 15 j 15:46	13°♂17'15	1.73739 AU
	-5320 Aug 16 j 03:59	0°♂						
greatest brilliancy	-5320 Sep 18 j 03:35	24°♂18'53	-4.7m	superior conj		-5317 Mar 16 j 13:46	14°♂24'45	-1°-10'-6
retrograde	-5320 Sep 29 j 10:37	26°♂42'21		minimum elong		-5317 Mar 16 j 21:31	14°♂48'31	1°10'09
evening set	-5320 Oct 14 j 14:39	22°♂07'32				-5317 Mar 29 j 06:37	0°♂	
min. Earth dist.	-5320 Oct 19 j 17:37	19°♂03'40	0.26485 AU	asc. node		-5317 Apr 21 j 10:47	28°♂27'54	
inferior conj	-5320 Oct 20 j 00:37	18°♂52'51	-3°-38'-32	evening rise		-5317 Apr 21 j 12:45	28°♂33'56	
minimum elong	-5320 Oct 20 j 08:11	18°♂41'09	3°36'14			-5317 Apr 22 j 16:46	0°♂	
morning rise	-5320 Oct 26 j 02:08	15°♂18'34				-5317 May 17 j 02:24	0°♂	
asc. node	-5320 Nov 03 j 15:55	11°♂55'27				-5317 Jun 10 j 12:03	0°♂	
direct	-5320 Nov 09 j 06:13	11°♂16'34				-5317 Jul 04 j 22:58	0°♂	
greatest brilliancy	-5320 Nov 20 j 16:23	13°♂44'12	-4.6m			-5317 Jul 29 j 13:27	0°♂	
	-5320 Dec 14 j 17:29	0°♂		desc. node		-5317 Aug 11 j 10:08	15°♂33'26	
morning max el	-5320 Dec 29 j 03:43	13°♂29'22	46°24'22			-5317 Aug 23 j 11:13	0°♂	
	-5319 Jan 14 j 03:55	0°♂				-5317 Sep 17 j 23:29	0°♂	
	-5319 Feb 10 j 09:03	0°♂				-5317 Oct 14 j 21:31	0°♂	
desc. node	-5319 Feb 23 j 18:39	15°♂16'37		evening max el		-5317 Oct 21 j 09:04	6°♂45'39	47°19'53
	-5319 Mar 08 j 12:14	0°♂				-5317 Nov 16 j 00:49	0°♂	
	-5319 Apr 03 j 01:06	0°♂		greatest brilliancy		-5317 Nov 27 j 04:38	7°♂00'00	-4.6m
	-5319 Apr 28 j 03:17	0°♂		asc. node		-5317 Dec 02 j 02:59	9°♂05'55	
	-5319 May 22 j 20:16	0°♂		retrograde		-5317 Dec 11 j 11:28	10°♂48'22	
asc. node	-5319 Jun 16 j 09:55	0°♂15'13		evening set		-5317 Dec 27 j 09:47	5°♂41'07	
	-5319 Jun 16 j 05:00	0°♂		min. Earth dist.		-5317 Dec 31 j 13:58	3°♂06'10	0.28249 AU
morning set	-5319 Jun 24 j 20:03	10°♂42'48		inferior conj		-5316 Jan 01 j 13:55	2°♂27'55	6°26'41
	-5319 Jul 10 j 06:51	0°♂		minimum elong		-5316 Jan 01 j 04:59	2°♂42'11	6°24'44
max. Earth dist.	-5319 Jul 29 j 05:59	23°♂48'36	1.71310 AU			-5316 Jan 05 j 12:20	30°♂	
				morning rise		-5316 Jan 06 j 00:48	29°♂41'20	
superior conj	-5319 Aug 01 j 06:52	27°♂38'00	1°20'29	direct		-5316 Jan 22 j 12:54	24°♂19'52	
minimum elong	-5319 Aug 01 j 01:42	27°♂21'44	1°20'43	greatest brilliancy		-5316 Feb 02 j 10:16	26°♂29'33	-4.5m
	-5319 Aug 03 j 03:59	0°♂				-5316 Feb 09 j 19:50	0°♂	
	-5319 Aug 26 j 23:10	0°♂		morning max el		-5316 Mar 11 j 08:32	24°♂16'05	45°53'54
evening rise	-5319 Sep 09 j 21:36	17°♂33'18				-5316 Mar 17 j 06:14	0°♂	
	-5319 Sep 19 j 19:05	0°♂		desc. node		-5316 Mar 23 j 06:06	6°♂01'28	
desc. node	-5319 Oct 06 j 08:55	20°♂47'40				-5316 Apr 14 j 19:05	0°♂	
	-5319 Oct 13 j 17:36	0°♂				-5316 May 11 j 07:52	0°♂	
	-5319 Nov 06 j 19:55	0°♂				-5316 Jun 05 j 19:39	0°♂	
	-5319 Dec 01 j 03:28	0°♂				-5316 Jun 30 j 14:33	0°♂	
	-5319 Dec 25 j 19:28	0°♂		asc. node		-5316 Jul 13 j 22:23	16°♂24'09	
	-5318 Jan 20 j 02:41	0°♂				-5316 Jul 24 j 21:07	0°♂	
asc. node	-5318 Jan 26 j 23:43	7°♂57'24		greatest brilliancy		-5316 Jul 25 j 15:04	0°♂55'54	-4.0m
	-5318 Feb 15 j 15:11	0°♂				-5316 Aug 17 j 19:24	0°♂	
evening max el	-5318 Mar 14 j 08:57	27°♂31'07	45°03'46	morning set		-5316 Sep 05 j 02:31	23°♂05'55	
	-5318 Mar 17 j 00:20	0°♂				-5316 Sep 10 j 13:32	0°♂	
greatest brilliancy	-5318 Apr 18 j 09:41	23°♂32'51	-4.5m			-5316 Oct 04 j 07:18	0°♂	
retrograde	-5318 May 01 j 12:25	26°♂32'23						
evening set	-5318 May 16 j 08:14	22°♂23'46		superior conj		-5316 Oct 16 j 04:22	14°♂58'07	0°39'33
desc. node	-5318 May 19 j 01:55	20°♂52'43		minimum elong		-5316 Oct 16 j 14:07	15°♂28'47	0°39'15
inferior conj	-5318 May 22 j 20:04	18°♂37'31	0°-52'-40	max. Earth dist.		-5316 Oct 20 j 23:12	20°♂59'19	1.71065 AU
minimum elong	-5318 May 22 j 18:07	18°♂40'30	0°52'01			-5316 Oct 28 j 03:22	0°♂	
min. Earth dist.	-5318 May 23 j 12:48	18°♂11'56	0.28361 AU	desc. node		-5316 Nov 02 j 21:33	7°♂13'10	
morning rise	-5318 May 29 j 03:02	14°♂54'55				-5316 Nov 21 j 02:53	0°♂	
direct	-5318 Jun 13 j 09:56	10°♂27'05		evening rise		-5316 Nov 27 j 22:26	8°♂29'31	
greatest brilliancy	-5318 Jun 28 j 06:42	14°♂17'06	-4.6m			-5316 Dec 15 j 06:04	0°♂	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5315 Jan 08 j 13:24	0°☾			-5313 Jun 18 j 05:47	0°☿	
	-5315 Feb 02 j 02:29	0°♊			-5313 Jul 14 j 13:36	0°♋	
asc. node	-5315 Feb 23 j 11:53	25°♊47'37			-5313 Aug 08 j 14:50	0°♌	
	-5315 Feb 27 j 00:24	0°♋		asc. node	-5313 Aug 11 j 10:28	3°♌26'22	
	-5315 Mar 24 j 11:52	0°☿			-5313 Sep 01 j 22:39	0°♍	
	-5315 Apr 19 j 21:07	0°♋			-5313 Sep 25 j 21:25	0°♎	
	-5315 May 18 j 01:54	0°♌			-5313 Oct 19 j 17:28	0°♏	
evening max el	-5315 May 25 j 11:05	7°♌15'49	45°54'12		-5313 Nov 12 j 14:59	0°♐	
desc. node	-5315 Jun 15 j 13:09	25°♌30'56		morning set	-5313 Nov 22 j 07:04	12°♐05'42	
	-5315 Jun 22 j 00:49	0°♍		desc. node	-5313 Dec 01 j 10:14	23°♐29'09	
greatest brilliancy	-5315 Jul 03 j 02:24	5°♍38'20	-4.6m		-5313 Dec 06 j 15:47	0°♑	
retrograde	-5315 Jul 13 j 20:42	7°♍42'46			-5313 Dec 30 j 19:51	0°♒	
evening set	-5315 Jul 31 j 07:09	2°♍02'28					
inferior conj	-5315 Aug 03 j 16:07	0°♍02'07	-8°-43'-19	superior conj	-5312 Jan 02 j 21:06	3°♒46'39	-1°-5'-6
minimum elong	-5315 Aug 03 j 11:24	0°♍09'13	8°42'43	minimum elong	-5312 Jan 02 j 10:50	3°♒14'53	1°05'05
	-5315 Aug 03 j 17:31	30°♌		max. Earth dist.	-5312 Jan 06 j 13:13	8°♒19'10	1.72696 AU
min. Earth dist.	-5315 Aug 03 j 20:32	29°♌55'27	0.27079 AU		-5312 Jan 24 j 02:35	0°♓	
morning rise	-5315 Aug 06 j 15:34	28°♌15'34		evening rise	-5312 Feb 10 j 15:59	21°♓36'54	
direct	-5315 Aug 24 j 10:34	22°♌19'04			-5312 Feb 17 j 11:47	0°♊	
greatest brilliancy	-5315 Sep 06 j 18:18	25°♌35'36	-4.7m		-5312 Mar 12 j 23:57	0°♋	
	-5315 Sep 14 j 14:12	0°♍		asc. node	-5312 Mar 23 j 00:13	12°♋12'12	
asc. node	-5315 Oct 06 j 07:06	17°♍59'18			-5312 Apr 06 j 15:59	0°☿	
morning max el	-5315 Oct 14 j 06:30	25°♍55'41	46°50'35		-5312 May 01 j 13:04	0°♋	
	-5315 Oct 18 j 04:39	0°♎			-5312 May 26 j 17:13	0°♌	
	-5315 Nov 14 j 05:17	0°♏			-5312 Jun 21 j 09:04	0°♍	
	-5315 Dec 09 j 19:01	0°♐		desc. node	-5312 Jul 13 j 00:27	24°♍29'51	
	-5314 Jan 03 j 21:58	0°♑			-5312 Jul 18 j 00:32	0°♎	
desc. node	-5314 Jan 26 j 08:59	26°♑58'27		evening max el	-5312 Aug 07 j 06:50	21°♎16'18	47°23'53
	-5314 Jan 28 j 21:20	0°♒			-5312 Aug 16 j 07:41	0°♏	
	-5314 Feb 22 j 18:23	0°♓		greatest brilliancy	-5312 Sep 15 j 19:41	21°♏52'17	-4.7m
	-5314 Mar 19 j 12:35	0°♊		retrograde	-5312 Sep 26 j 22:42	24°♏12'03	
	-5314 Apr 13 j 03:10	0°♋		evening set	-5312 Oct 12 j 05:48	19°♏34'12	
morning set	-5314 Apr 16 j 11:05	4°♋04'26		inferior conj	-5312 Oct 17 j 13:11	16°♏23'42	-4°00'-37
	-5314 May 07 j 13:46	0°☿		minimum elong	-5312 Oct 17 j 21:23	16°♏11'03	3°58'09
max. Earth dist.	-5314 May 18 j 03:13	13°☿01'38	1.73092 AU	min. Earth dist.	-5312 Oct 17 j 07:46	16°♏32'05	0.26466 AU
asc. node	-5314 May 18 j 23:26	14°☿04'02		morning rise	-5312 Oct 23 j 13:14	12°♏51'22	
				asc. node	-5312 Nov 02 j 17:59	9°♏07'31	
superior conj	-5314 May 22 j 03:04	17°☿57'47	0°07'24	direct	-5312 Nov 06 j 17:58	8°♏47'40	
minimum elong	-5314 May 22 j 01:36	17°☿53'16	0°07'24	greatest brilliancy	-5312 Nov 18 j 07:09	11°♏18'00	-4.6m
behind sun begin	-5314 May 21 j 05:51	16°☿52'10			-5312 Dec 15 j 00:31	0°♐	
behind sun end	-5314 May 22 j 21:22	18°☿54'23		morning max el	-5312 Dec 26 j 16:35	11°♐04'16	46°25'45
	-5314 May 31 j 20:19	0°♋			-5311 Jan 13 j 22:20	0°♑	
	-5314 Jun 24 j 23:24	0°♌			-5311 Feb 09 j 23:49	0°♒	
evening rise	-5314 Jun 26 j 23:18	2°♌29'17		desc. node	-5311 Feb 22 j 20:50	14°♒43'11	
	-5314 Jul 19 j 00:21	0°♍			-5311 Mar 08 j 01:19	0°♓	
	-5314 Aug 12 j 01:11	0°♎			-5311 Apr 02 j 13:16	0°♊	
	-5314 Sep 05 j 04:09	0°♏			-5311 Apr 27 j 14:54	0°♋	
desc. node	-5314 Sep 07 j 22:26	3°♏25'25			-5311 May 22 j 07:34	0°☿	
	-5314 Sep 29 j 11:24	0°♐		asc. node	-5311 Jun 15 j 12:07	29°☿47'34	
	-5314 Oct 24 j 01:53	0°♑			-5311 Jun 15 j 16:08	0°♋	
	-5314 Nov 18 j 06:02	0°♒		morning set	-5311 Jun 22 j 12:51	8°♋31'15	
	-5314 Dec 14 j 16:45	0°♓			-5311 Jul 09 j 17:56	0°♌	
asc. node	-5314 Dec 29 j 14:20	15°♓37'18		max. Earth dist.	-5311 Jul 26 j 18:42	21°♌22'32	1.71365 AU
evening max el	-5314 Dec 31 j 05:12	17°♓14'11	45°51'08				
	-5313 Jan 13 j 22:29	0°♊		superior conj	-5311 Jul 29 j 21:20	25°♌17'20	1°19'27
greatest brilliancy	-5313 Feb 03 j 09:26	14°♊18'31	-4.5m	minimum elong	-5311 Jul 29 j 15:31	24°♌59'03	1°19'40
retrograde	-5313 Feb 18 j 08:59	18°♊15'28			-5311 Aug 02 j 15:08	0°♍	
evening set	-5313 Mar 07 j 16:48	12°♊30'42			-5311 Aug 26 j 10:28	0°♎	
inferior conj	-5313 Mar 11 j 20:08	9°♊55'24	7°17'51	evening rise	-5311 Sep 07 j 07:42	14°♎58'18	
minimum elong	-5313 Mar 12 j 03:15	9°♊44'04	7°16'43		-5311 Sep 19 j 06:31	0°♏	
min. Earth dist.	-5313 Mar 12 j 06:42	9°♊38'34	0.29453 AU	desc. node	-5311 Oct 05 j 10:54	20°♏17'49	
morning rise	-5313 Mar 16 j 13:42	6°♊58'40			-5311 Oct 13 j 05:10	0°♐	
direct	-5313 Apr 02 j 16:20	1°♊26'44			-5311 Nov 06 j 07:38	0°♑	
greatest brilliancy	-5313 Apr 15 j 22:53	4°♊31'39	-4.5m		-5311 Nov 30 j 15:26	0°♒	
desc. node	-5313 Apr 20 j 16:58	6°♊53'09			-5311 Dec 25 j 07:57	0°♓	
	-5313 May 20 j 04:51	0°♋			-5310 Jan 19 j 16:15	0°♊	
morning max el	-5313 May 21 j 16:06	1°♋23'58	45°56'59	asc. node	-5310 Jan 26 j 01:55	7°♋23'27	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5310 Feb 15 j 07:21	0° H		greatest brilliancy	-5308 Jul 27 j 23:57	4° II 33'04	-3.9m
evening max el	-5310 Mar 12 j 00:15	25° H 19'25	45°03'43		-5308 Aug 17 j 06:37	0° S	
	-5310 Mar 17 j 00:57	0° Y		morning set	-5308 Sep 02 j 14:16	20° S 36'09	
greatest brilliancy	-5310 Apr 15 j 21:09	21° Y 17'06	-4.5m		-5308 Sep 10 j 00:41	0° Ω	
retrograde	-5310 Apr 29 j 03:52	24° Y 20'39			-5308 Oct 03 j 18:26	0° M	
evening set	-5310 May 13 j 23:49	20° Y 10'43					
desc. node	-5310 May 18 j 04:08	17° Y 48'20		superior conj	-5308 Oct 13 j 13:01	12° M 19'09	0°43'04
inferior conj	-5310 May 20 j 11:16	16° Y 24'45	0°-32'-9	minimum elong	-5308 Oct 13 j 23:19	12° M 51'35	0°42'44
minimum elong	-5310 May 20 j 10:05	16° Y 26'34	0°31'46	max. Earth dist.	-5308 Oct 18 j 07:53	18° M 20'35	1.71027 AU
min. Earth dist.	-5310 May 21 j 04:26	15° Y 58'32	0.28414 AU		-5308 Oct 27 j 14:31	0° A	
morning rise	-5310 May 26 j 19:26	12° Y 40'39		desc. node	-5308 Nov 01 j 23:39	6° A 44'52	
direct	-5310 Jun 11 j 01:55	8° Y 13'14			-5308 Nov 20 j 14:03	0° M	
greatest brilliancy	-5310 Jun 25 j 23:47	12° Y 05'02	-4.5m	evening rise	-5308 Nov 25 j 08:11	5° M 55'41	
	-5310 Jul 20 j 18:00	0° B			-5308 Dec 14 j 17:16	0° A	
morning max el	-5310 Jul 31 j 00:36	9° B 45'05	46°30'29		-5307 Jan 08 j 00:40	0° B	
	-5310 Aug 19 j 05:48	0° II			-5307 Feb 01 j 14:00	0° \approx	
asc. node	-5310 Sep 07 j 22:07	22° II 26'44		asc. node	-5307 Feb 22 j 13:58	25° \approx 18'06	
	-5310 Sep 14 j 07:48	0° S			-5307 Feb 26 j 12:28	0° H	
	-5310 Oct 09 j 03:40	0° Ω			-5307 Mar 24 j 01:02	0° Y	
	-5310 Nov 02 j 11:40	0° M			-5307 Apr 19 j 12:34	0° B	
	-5310 Nov 26 j 17:00	0° A			-5307 May 17 j 23:12	0° II	
	-5310 Dec 20 j 23:50	0° M		evening max el	-5307 May 23 j 01:03	4° II 57'19	45°51'00
desc. node	-5310 Dec 28 j 22:53	9° M 48'17		desc. node	-5307 Jun 14 j 15:20	24° II 16'26	
	-5309 Jan 14 j 09:01	0° A			-5307 Jun 23 j 14:28	0° S	
morning set	-5309 Feb 05 j 01:53	26° A 38'10		greatest brilliancy	-5307 Jun 30 j 13:42	3° S 13'06	-4.6m
	-5309 Feb 07 j 19:41	0° B		retrograde	-5307 Jul 11 j 08:24	5° S 17'37	
	-5309 Mar 04 j 06:43	0° \approx			-5307 Jul 28 j 04:04	30° R II	
max. Earth dist.	-5309 Mar 13 j 14:28	11° \approx 26'23	1.73734 AU	evening set	-5307 Jul 28 j 16:01	29° II 42'52	
				inferior conj	-5307 Aug 01 j 04:38	27° II 37'04	-8°-37'-8
superior conj	-5309 Mar 14 j 08:09	12° \approx 20'37	-1°-11'-41	minimum elong	-5307 Jul 31 j 23:05	27° II 45'25	8°36'25
minimum elong	-5309 Mar 14 j 15:38	12° \approx 43'35	1°11'46	min. Earth dist.	-5307 Aug 01 j 09:10	27° II 30'14	0.27117 AU
	-5309 Mar 28 j 17:27	0° H		morning rise	-5307 Aug 04 j 06:03	25° II 47'24	
evening rise	-5309 Apr 19 j 08:18	26° H 33'04		direct	-5307 Aug 21 j 23:53	19° II 53'26	
greatest brilliancy	-5309 Apr 20 j 13:39	28° H 03'10	-3.9m	greatest brilliancy	-5307 Sep 04 j 08:16	23° II 10'01	-4.7m
asc. node	-5309 Apr 20 j 12:50	28° H 00'40			-5307 Sep 15 j 16:36	0° S	
	-5309 Apr 22 j 03:41	0° Y		asc. node	-5307 Oct 05 j 09:11	17° S 01'10	
	-5309 May 16 j 13:34	0° B		morning max el	-5307 Oct 11 j 18:51	23° S 26'02	46°50'41
	-5309 Jun 09 j 23:35	0° II			-5307 Oct 18 j 01:37	0° Ω	
	-5309 Jul 04 j 11:01	0° S			-5307 Nov 13 j 21:11	0° M	
	-5309 Jul 29 j 02:11	0° Ω			-5307 Dec 09 j 08:49	0° A	
desc. node	-5309 Aug 10 j 12:15	14° Ω 59'57			-5306 Jan 03 j 10:37	0° M	
	-5309 Aug 23 j 01:02	0° M		desc. node	-5306 Jan 25 j 11:02	26° M 28'39	
	-5309 Sep 17 j 15:14	0° A			-5306 Jan 28 j 09:13	0° A	
	-5309 Oct 14 j 17:51	0° M			-5306 Feb 22 j 05:45	0° B	
evening max el	-5309 Oct 19 j 01:36	4° M 28'56	47°22'10		-5306 Mar 18 j 23:35	0° \approx	
	-5309 Nov 16 j 22:14	0° A			-5306 Apr 12 j 13:58	0° H	
greatest brilliancy	-5309 Nov 24 j 22:04	4° A 44'11	-4.6m	morning set	-5306 Apr 14 j 06:19	2° H 03'27	
asc. node	-5309 Dec 01 j 05:18	7° A 16'21			-5306 May 07 j 00:28	0° Y	
retrograde	-5309 Dec 09 j 04:16	8° A 31'13					
evening set	-5309 Dec 24 j 22:54	3° A 28'09		max. Earth dist.	-5306 May 15 j 22:11	10° Y 58'59	1.73140 AU
min. Earth dist.	-5309 Dec 29 j 04:44	0° A 50'55	0.28170 AU	asc. node	-5306 May 18 j 01:41	13° Y 37'58	
inferior conj	-5309 Dec 30 j 05:33	0° A 11'20	6°13'45				
minimum elong	-5309 Dec 29 j 20:30	0° A 25'46	6°11'44	superior conj	-5306 May 19 j 22:06	15° Y 55'11	0°04'22
	-5309 Dec 30 j 12:39	30° R M		minimum elong	-5306 May 19 j 21:14	15° Y 52'32	0°04'24
morning rise	-5308 Jan 03 j 18:49	27° M 21'36		behind sun begin	-5306 May 18 j 23:53	14° Y 46'33	
direct	-5308 Jan 20 j 04:03	22° M 04'39		behind sun end	-5306 May 20 j 18:36	16° Y 58'32	
greatest brilliancy	-5308 Jan 30 j 23:18	24° M 13'03	-4.5m		-5306 May 31 j 07:04	0° B	
	-5308 Feb 11 j 03:49	0° A		evening rise	-5306 Jun 24 j 10:17	0° II	
morning max el	-5308 Mar 09 j 00:44	22° A 06'17	45°54'31		-5306 Jun 24 j 17:11	0° II 21'28	
	-5308 Mar 17 j 02:32	0° B			-5306 Jul 18 j 11:28	0° S	
desc. node	-5308 Mar 22 j 08:05	5° B 18'28			-5306 Aug 11 j 12:37	0° Ω	
	-5308 Apr 14 j 10:08	0° \approx		desc. node	-5306 Sep 04 j 15:57	0° M	
	-5308 May 10 j 20:53	0° H			-5306 Sep 07 j 00:26	2° M 54'53	
	-5308 Jun 05 j 07:42	0° Y			-5306 Sep 28 j 23:40	0° A	
	-5308 Jun 30 j 02:06	0° B			-5306 Oct 23 j 14:50	0° M	
asc. node	-5308 Jul 13 j 00:32	15° B 55'31			-5306 Nov 17 j 20:16	0° A	
	-5308 Jul 24 j 08:27	0° II		asc. node	-5306 Dec 14 j 10:04	0° B	
					-5306 Dec 28 j 16:29	14° B 50'06	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 20

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5306 Dec 28 j 19:47	14°☾58'17	45°54'06			-5303 Jul 09 j 04:47	0°♊	
	-5305 Jan 14 j 04:20	0°♊		max. Earth dist.		-5303 Jul 24 j 07:56	18°♊59'02	1.71416 AU
greatest brilliancy	-5305 Feb 01 j 02:17	12°♊11'15	-4.5m					
retrograde	-5305 Feb 16 j 01:43	16°♊09'19		superior conj		-5303 Jul 27 j 12:22	22°♊59'21	1°18'18
evening set	-5305 Mar 05 j 11:57	10°♊21'19		minimum elong		-5303 Jul 27 j 05:58	22°♊39'14	1°18'29
inferior conj	-5305 Mar 09 j 13:24	7°♊48'47	7°25'56			-5303 Aug 02 j 02:03	0°♋	
minimum elong	-5305 Mar 09 j 20:06	7°♊38'06	7°24'55			-5303 Aug 25 j 21:29	0°♌	
min. Earth dist.	-5305 Mar 09 j 23:17	7°♊33'02	0.29454 AU	evening rise		-5303 Sep 04 j 18:26	12°♌26'13	
morning rise	-5305 Mar 14 j 04:13	4°♊55'47				-5303 Sep 18 j 17:40	0°♍	
	-5305 Mar 25 j 13:07	30°♋☾		desc. node		-5303 Oct 04 j 13:05	19°♍49'26	
direct	-5305 Mar 31 j 08:47	29°☾20'04				-5303 Oct 12 j 16:28	0°♎	
	-5305 Apr 06 j 08:46	0°♎				-5303 Nov 05 j 19:09	0°♏	
greatest brilliancy	-5305 Apr 13 j 13:31	2°♎22'21	-4.5m			-5303 Nov 30 j 03:16	0°♐	
desc. node	-5305 Apr 19 j 19:10	5°♎33'27				-5303 Dec 24 j 20:21	0°♑	
morning max el	-5305 May 19 j 07:31	29°♎13'07	45°56'19			-5302 Jan 19 j 05:48	0°♒	
	-5305 May 20 j 03:03	0°♑		asc. node		-5302 Jan 25 j 04:00	6°♒49'19	
	-5305 Jun 17 j 21:21	0°♑				-5302 Feb 14 j 23:38	0°♑	
	-5305 Jul 14 j 02:54	0°♑		evening max el		-5302 Mar 09 j 16:17	23°♑10'06	45°03'56
	-5305 Aug 08 j 03:06	0°♒				-5302 Mar 17 j 02:34	0°♑	
asc. node	-5305 Aug 10 j 12:33	2°♒55'28		greatest brilliancy		-5302 Apr 13 j 09:50	19°♑03'51	-4.5m
	-5305 Sep 01 j 10:23	0°♓		retrograde		-5302 Apr 26 j 19:33	22°♑10'02	
	-5305 Sep 25 j 08:54	0°♌		evening set		-5302 May 11 j 15:50	17°♑58'52	
	-5305 Oct 19 j 04:49	0°♍		desc. node		-5302 May 17 j 06:21	14°♑44'10	
	-5305 Nov 12 j 02:12	0°♎		inferior conj		-5302 May 18 j 02:40	14°♑13'08	0°-11'-50
morning set	-5305 Nov 19 j 16:49	9°♎31'20		minimum elong		-5302 May 18 j 02:14	14°♑13'48	0°11'41
desc. node	-5305 Nov 30 j 12:26	23°♎01'29		transit middle		-5302 May 18 j 02:14	14°♑13'48	0°11'41
	-5305 Dec 06 j 02:50	0°♏		transit begin		-5302 May 17 j 23:23	14°♑18'10	
	-5305 Dec 30 j 06:46	0°♐		transit end		-5302 May 18 j 05:05	14°♑09'27	
				min. Earth dist.		-5302 May 18 j 19:56	13°♑46'43	0.28465 AU
superior conj	-5305 Dec 31 j 09:31	1°♐22'48	-1°-2'-49	morning rise		-5302 May 24 j 11:50	10°♑27'40	
minimum elong	-5305 Dec 30 j 23:02	0°♐50'20	1°02'46	direct		-5302 Jun 08 j 18:25	6°♑00'43	
max. Earth dist.	-5304 Jan 04 j 04:19	6°♐03'43	1.72634 AU	greatest brilliancy		-5302 Jun 23 j 16:01	9°♑52'50	-4.5m
	-5304 Jan 23 j 13:26	0°♑				-5302 Jul 20 j 20:39	0°♑	
evening rise	-5304 Feb 08 j 07:50	19°♑24'45		morning max el		-5302 Jul 28 j 16:51	7°♑31'22	46°29'16
	-5304 Feb 16 j 22:39	0°♒				-5302 Aug 18 j 22:51	0°♒	
	-5304 Mar 12 j 10:58	0°♑		asc. node		-5302 Sep 07 j 00:13	21°♒49'42	
asc. node	-5304 Mar 22 j 02:19	11°♑44'47				-5302 Sep 13 j 22:00	0°♓	
	-5304 Apr 06 j 03:19	0°♑				-5302 Oct 08 j 16:35	0°♌	
	-5304 May 01 j 00:59	0°♑				-5302 Nov 01 j 23:52	0°♍	
	-5304 May 26 j 06:07	0°♒				-5302 Nov 26 j 04:44	0°♎	
	-5304 Jun 20 j 23:41	0°♓				-5302 Dec 20 j 11:15	0°♏	
desc. node	-5304 Jul 12 j 02:34	23°♓48'17		desc. node		-5302 Dec 28 j 00:55	9°♏19'39	
	-5304 Jul 17 j 18:37	0°♌				-5301 Jan 13 j 20:12	0°♐	
evening max el	-5304 Aug 04 j 19:05	18°♌48'39	47°21'37	morning set		-5301 Feb 02 j 16:59	24°♐23'31	
	-5304 Aug 16 j 12:39	0°♍				-5301 Feb 07 j 06:40	0°♑	
greatest brilliancy	-5304 Sep 13 j 10:29	19°♍24'55	-4.7m			-5301 Mar 03 j 17:33	0°♒	
retrograde	-5304 Sep 24 j 10:50	21°♍42'27		max. Earth dist.		-5301 Mar 11 j 13:43	9°♒37'15	1.73723 AU
evening set	-5304 Oct 09 j 20:55	17°♍00'53						
inferior conj	-5304 Oct 15 j 01:36	13°♍54'50	-4°-22'-11	superior conj		-5301 Mar 12 j 02:09	10°♒15'26	-1°-13'-11
minimum elong	-5304 Oct 15 j 10:23	13°♍41'19	4°19'36	minimum elong		-5301 Mar 12 j 09:21	10°♒37'31	1°13'18
min. Earth dist.	-5304 Oct 14 j 21:34	14°♍01'03	0.26457 AU			-5301 Mar 28 j 04:13	0°♑	
morning rise	-5304 Oct 21 j 00:00	10°♍25'00		evening rise		-5301 Apr 17 j 03:37	24°♑31'40	
asc. node	-5304 Nov 01 j 20:18	6°♍25'54		asc. node		-5301 Apr 19 j 15:04	27°♑34'14	
direct	-5304 Nov 04 j 05:53	6°♍18'45		greatest brilliancy		-5301 Apr 20 j 04:10	28°♑14'25	-3.9m
greatest brilliancy	-5304 Nov 15 j 22:10	8°♍52'22	-4.7m			-5301 Apr 21 j 14:33	0°♑	
	-5304 Dec 15 j 05:19	0°♎				-5301 May 16 j 00:40	0°♑	
morning max el	-5304 Dec 24 j 06:25	8°♎41'42	46°27'08			-5301 Jun 09 j 11:04	0°♒	
	-5303 Jan 13 j 16:11	0°♏				-5301 Jul 03 j 23:02	0°♓	
	-5303 Feb 09 j 14:14	0°♐				-5301 Jul 28 j 14:57	0°♌	
desc. node	-5303 Feb 21 j 22:53	14°♐10'11		desc. node		-5301 Aug 09 j 14:19	14°♌26'17	
	-5303 Mar 07 j 14:05	0°♑				-5301 Aug 22 j 14:54	0°♍	
	-5303 Apr 02 j 01:06	0°♒				-5301 Sep 17 j 07:07	0°♎	
	-5303 Apr 27 j 02:12	0°♑				-5301 Oct 14 j 14:40	0°♏	
	-5303 May 21 j 18:33	0°♑		evening max el		-5301 Oct 16 j 18:30	2°♏13'32	47°24'18
asc. node	-5303 Jun 14 j 14:14	29°♑20'30				-5301 Nov 18 j 03:27	0°♐	
	-5303 Jun 15 j 02:59	0°♑		greatest brilliancy		-5301 Nov 22 j 16:12	2°♐29'41	-4.6m
morning set	-5303 Jun 20 j 06:06	6°♑21'57		asc. node		-5301 Nov 30 j 07:23	5°♐22'53	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 21

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5301 Dec 06 j 20:50	6°♂14'10		max. Earth dist.	-5298 May 13 j 17:49	8°♀57'40	1.73190 AU
evening set	-5301 Dec 22 j 12:11	1°♂15'28		asc. node	-5298 May 17 j 03:44	13°♀10'32	
	-5301 Dec 24 j 14:13	30°♂					
min. Earth dist.	-5301 Dec 26 j 19:41	28°♂35'46	0.28092 AU	superior conj	-5298 May 17 j 17:08	13°♀51'55	0°01'20
inferior conj	-5301 Dec 27 j 21:12	27°♂55'02	6°00'18	minimum elong	-5298 May 17 j 16:51	13°♀51'02	0°01'22
minimum elong	-5301 Dec 27 j 12:07	28°♂09'33	5°58'11	behind sun begin	-5298 May 16 j 18:54	12°♀43'15	
morning rise	-5300 Jan 01 j 12:50	25°♂02'01		behind sun end	-5298 May 18 j 14:48	14°♀58'51	
direct	-5300 Jan 17 j 19:26	19°♂49'50			-5298 May 30 j 18:03	0°♂	
greatest brilliancy	-5300 Jan 28 j 12:10	21°♂56'19	-4.5m	evening rise	-5298 Jun 22 j 11:07	28°♂13'16	
	-5300 Feb 12 j 02:45	0°♂			-5298 Jun 23 j 21:24	0°♂	
morning max el	-5300 Mar 06 j 16:22	19°♂54'59	45°55'01		-5298 Jul 17 j 22:48	0°♂	
	-5300 Mar 16 j 22:15	0°♂			-5298 Aug 11 j 00:16	0°♂	
desc. node	-5300 Mar 21 j 10:18	4°♂36'26			-5298 Sep 04 j 04:00	0°♂	
	-5300 Apr 14 j 01:03	0°♂		desc. node	-5298 Sep 06 j 02:38	2°♂24'17	
	-5300 May 10 j 09:53	0°♂			-5298 Sep 28 j 12:13	0°♂	
	-5300 Jun 04 j 19:44	0°♀			-5298 Oct 23 j 04:08	0°♂	
	-5300 Jun 29 j 13:39	0°♂			-5298 Nov 17 j 10:55	0°♂	
asc. node	-5300 Jul 12 j 02:35	15°♂26'36			-5298 Dec 14 j 04:02	0°♂	
	-5300 Jul 23 j 19:46	0°♂		evening max el	-5298 Dec 26 j 10:10	12°♂41'01	45°57'13
greatest brilliancy	-5300 Jul 29 j 07:57	6°♂52'49	-3.9m	asc. node	-5298 Dec 27 j 18:38	14°♂01'25	
	-5300 Aug 16 j 17:50	0°♂			-5297 Jan 14 j 12:55	0°♂	
morning set	-5300 Aug 31 j 02:12	18°♂06'46		greatest brilliancy	-5297 Jan 29 j 18:11	10°♂02'02	-4.5m
	-5300 Sep 09 j 11:53	0°♂		retrograde	-5297 Feb 13 j 18:50	14°♂02'46	
	-5300 Oct 03 j 05:39	0°♂		evening set	-5297 Mar 03 j 07:00	8°♂11'29	
				inferior conj	-5297 Mar 07 j 06:45	5°♂41'35	7°33'18
superior conj	-5300 Oct 10 j 22:01	9°♂41'04	0°46'27	minimum elong	-5297 Mar 07 j 12:58	5°♂31'39	7°32'24
minimum elong	-5300 Oct 11 j 08:47	10°♂14'57	0°46'08	min. Earth dist.	-5297 Mar 07 j 15:45	5°♂27'13	0.29455 AU
max. Earth dist.	-5300 Oct 15 j 14:25	15°♂34'51	1.70987 AU	morning rise	-5297 Mar 11 j 18:55	2°♂52'28	
	-5300 Oct 27 j 01:44	0°♂			-5297 Mar 17 j 03:34	30°♂	
desc. node	-5300 Nov 01 j 01:51	6°♂16'39		direct	-5297 Mar 29 j 01:13	27°♂12'45	
	-5300 Nov 20 j 01:15	0°♂			-5297 Apr 10 j 16:10	0°♂	
evening rise	-5300 Nov 22 j 17:58	3°♂21'44		greatest brilliancy	-5297 Apr 11 j 05:10	0°♂13'48	-4.5m
	-5300 Dec 14 j 04:29	0°♂		desc. node	-5297 Apr 18 j 21:24	4°♂15'38	
	-5299 Jan 07 j 11:59	0°♂		morning max el	-5297 May 16 j 23:33	27°♂02'55	45°55'37
	-5299 Feb 01 j 01:36	0°♂			-5297 May 20 j 00:45	0°♂	
asc. node	-5299 Feb 21 j 16:04	24°♂48'14			-5297 Jun 17 j 13:02	0°♀	
	-5299 Feb 26 j 00:41	0°♂			-5297 Jul 13 j 16:27	0°♂	
	-5299 Mar 23 j 14:27	0°♀			-5297 Aug 07 j 15:39	0°♂	
	-5299 Apr 19 j 04:27	0°♂		asc. node	-5297 Aug 09 j 14:44	2°♂23'57	
	-5299 May 17 j 21:30	0°♂			-5297 Aug 31 j 22:25	0°♂	
evening max el	-5299 May 20 j 14:16	2°♂36'43	45°47'59		-5297 Sep 24 j 20:39	0°♂	
desc. node	-5299 Jun 13 j 17:25	22°♂59'16			-5297 Oct 18 j 16:24	0°♂	
	-5299 Jun 26 j 00:41	0°♂			-5297 Nov 11 j 13:41	0°♂	
greatest brilliancy	-5299 Jun 28 j 01:26	0°♂48'28	-4.6m	morning set	-5297 Nov 17 j 02:27	6°♂55'34	
retrograde	-5299 Jul 08 j 19:58	2°♂53'04		desc. node	-5297 Nov 29 j 14:24	22°♂32'07	
	-5299 Jul 21 j 01:22	30°♂			-5297 Dec 05 j 14:12	0°♂	
evening set	-5299 Jul 26 j 00:49	27°♂23'58					
inferior conj	-5299 Jul 29 j 17:22	25°♂12'30	-8°-30'00	superior conj	-5297 Dec 28 j 21:45	28°♂57'12	-1°00'-24
minimum elong	-5299 Jul 29 j 11:01	25°♂22'04	8°29'08	minimum elong	-5297 Dec 28 j 11:05	28°♂24'11	1°00'17
min. Earth dist.	-5299 Jul 29 j 22:12	25°♂05'11	0.27157 AU		-5297 Dec 29 j 18:02	0°♂	
morning rise	-5299 Aug 01 j 21:04	23°♂19'20		max. Earth dist.	-5296 Jan 01 j 17:07	3°♂40'02	1.72575 AU
direct	-5299 Aug 19 j 12:58	17°♂28'03			-5296 Jan 23 j 00:37	0°♂	
greatest brilliancy	-5299 Sep 01 j 23:29	20°♂46'05	-4.7m	evening rise	-5296 Feb 05 j 23:38	17°♂11'21	
	-5299 Sep 16 j 12:06	0°♂			-5296 Feb 16 j 09:51	0°♂	
asc. node	-5299 Oct 04 j 11:31	16°♂04'30			-5296 Mar 11 j 22:18	0°♂	
morning max el	-5299 Oct 09 j 06:47	20°♂54'52	46°50'44	asc. node	-5296 Mar 21 j 04:36	11°♂16'56	
	-5299 Oct 17 j 22:05	0°♂			-5296 Apr 05 j 15:00	0°♀	
	-5299 Nov 13 j 13:01	0°♂			-5296 Apr 30 j 13:17	0°♂	
	-5299 Dec 08 j 22:41	0°♂			-5296 May 25 j 19:29	0°♂	
	-5298 Jan 02 j 23:21	0°♂			-5296 Jun 20 j 14:54	0°♂	
desc. node	-5298 Jan 24 j 13:09	25°♂58'40		desc. node	-5296 Jul 11 j 04:40	23°♂04'54	
	-5298 Jan 27 j 21:13	0°♂			-5296 Jul 17 j 13:38	0°♂	
	-5298 Feb 21 j 17:14	0°♂		evening max el	-5296 Aug 02 j 08:03	16°♂21'47	47°19'24
	-5298 Mar 18 j 10:45	0°♂			-5296 Aug 16 j 20:17	0°♂	
morning set	-5298 Apr 12 j 01:29	0°♂01'36		greatest brilliancy	-5296 Sep 11 j 00:17	16°♂55'20	-4.7m
	-5298 Apr 12 j 00:58	0°♂		retrograde	-5296 Sep 21 j 23:30	19°♂11'46	
	-5298 May 06 j 11:25	0°♀		evening set	-5296 Oct 07 j 12:06	14°♂26'11	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

inferior conj	-5296 Oct 12 j 13:57	11° \mathbb{M} 24'39	-4°-43'-15	minimum elong	-5293 Mar 10 j 02:54	8° \approx 30'07	1°14'44
minimum elong	-5296 Oct 12 j 23:15	11° \mathbb{M} 10'24	4°40'36	max. Earth dist.	-5293 Mar 09 j 12:45	7° \approx 46'42	1.73710 AU
min. Earth dist.	-5296 Oct 12 j 10:53	11° \mathbb{M} 29'21	0.26450 AU		-5293 Mar 27 j 15:16	0° \mathbb{H}	
morning rise	-5296 Oct 18 j 10:30	7° \mathbb{M} 57'54		evening rise	-5293 Apr 14 j 22:55	22° \mathbb{H} 29'27	
asc. node	-5296 Oct 31 j 22:26	3° \mathbb{M} 49'33		asc. node	-5293 Apr 18 j 17:08	27° \mathbb{H} 06'26	
direct	-5296 Nov 01 j 18:18	3° \mathbb{M} 48'42		greatest brilliancy	-5293 Apr 20 j 04:06	28° \mathbb{H} 53'47	-3.9m
greatest brilliancy	-5296 Nov 13 j 12:29	6° \mathbb{M} 24'56	-4.7m		-5293 Apr 21 j 01:40	0° \mathbb{Y}	
	-5296 Dec 15 j 08:46	0° $\underline{\mathbb{A}}$			-5293 May 15 j 12:00	0° \mathbb{B}	
morning max el	-5296 Dec 21 j 20:54	6° $\underline{\mathbb{A}}$ 19'45	46°28'24		-5293 Jun 08 j 22:46	0° \mathbb{I}	
	-5295 Jan 13 j 09:59	0° \mathbb{M}			-5293 Jul 03 j 11:15	0° \mathbb{S}	
	-5295 Feb 09 j 04:50	0° \mathbb{X}			-5293 Jul 28 j 03:56	0° \mathbb{O}	
desc. node	-5295 Feb 21 j 01:03	13° \mathbb{X} 36'42		desc. node	-5293 Aug 08 j 16:31	13° \mathbb{O} 52'20	
	-5295 Mar 07 j 03:06	0° \mathbb{Z}			-5293 Aug 22 j 05:07	0° \mathbb{M}	
	-5295 Apr 01 j 13:14	0° \approx			-5293 Sep 16 j 23:32	0° $\underline{\mathbb{A}}$	
	-5295 Apr 26 j 13:48	0° \mathbb{H}		evening max el	-5293 Oct 14 j 10:44	29° $\underline{\mathbb{A}}$ 55'08	47°26'11
	-5295 May 21 j 05:50	0° \mathbb{Y}			-5293 Oct 14 j 12:38	0° \mathbb{M}	
asc. node	-5295 Jun 13 j 16:18	28° \mathbb{Y} 52'21			-5293 Nov 19 j 23:21	0° \mathbb{X}	
	-5295 Jun 14 j 14:09	0° \mathbb{B}		greatest brilliancy	-5293 Nov 20 j 11:16	0° \mathbb{X} 14'47	-4.6m
morning set	-5295 Jun 17 j 23:32	4° \mathbb{B} 12'22		asc. node	-5293 Nov 29 j 09:32	3° \mathbb{X} 23'30	
	-5295 Jul 08 j 15:57	0° \mathbb{I}		retrograde	-5293 Dec 04 j 12:45	3° \mathbb{X} 55'09	
max. Earth dist.	-5295 Jul 21 j 19:44	16° \mathbb{I} 30'02	1.71472 AU		-5293 Dec 18 j 07:21	30° \mathbb{R} \mathbb{M}	
				evening set	-5293 Dec 20 j 01:22	29° \mathbb{M} 00'59	
superior conj	-5295 Jul 25 j 03:26	20° \mathbb{I} 40'27	1°17'00	min. Earth dist.	-5293 Dec 24 j 10:47	26° \mathbb{M} 18'25	0.28010 AU
minimum elong	-5295 Jul 24 j 20:32	20° \mathbb{I} 18'45	1°17'10	inferior conj	-5293 Dec 25 j 12:39	25° \mathbb{M} 37'06	5°46'07
	-5295 Aug 01 j 13:19	0° \mathbb{S}		minimum elong	-5293 Dec 25 j 03:35	25° \mathbb{M} 51'36	5°43'54
	-5295 Aug 25 j 08:53	0° \mathbb{O}		morning rise	-5293 Dec 30 j 06:38	22° \mathbb{M} 40'35	
evening rise	-5295 Sep 02 j 05:02	9° \mathbb{O} 52'28		direct	-5292 Jan 15 j 10:20	17° \mathbb{M} 33'30	
	-5295 Sep 18 j 05:11	0° \mathbb{M}		greatest brilliancy	-5292 Jan 26 j 01:15	19° \mathbb{M} 38'22	-4.5m
desc. node	-5295 Oct 03 j 15:13	19° \mathbb{M} 19'44			-5292 Feb 12 j 20:13	0° \mathbb{X}	
	-5295 Oct 12 j 04:08	0° $\underline{\mathbb{A}}$		morning max el	-5292 Mar 04 j 06:50	17° \mathbb{X} 40'01	45°55'34
	-5295 Nov 05 j 07:01	0° \mathbb{M}			-5292 Mar 16 j 17:38	0° \mathbb{Z}	
	-5295 Nov 29 j 15:28	0° \mathbb{X}		desc. node	-5292 Mar 20 j 12:31	3° \mathbb{Z} 54'25	
	-5295 Dec 24 j 09:08	0° \mathbb{Z}			-5292 Apr 13 j 15:57	0° \approx	
	-5294 Jan 18 j 19:49	0° \approx			-5292 May 09 j 22:57	0° \mathbb{H}	
asc. node	-5294 Jan 24 j 06:12	6° \approx 14'16			-5292 Jun 04 j 07:52	0° \mathbb{Y}	
	-5294 Feb 14 j 16:36	0° \mathbb{H}			-5292 Jun 29 j 01:18	0° \mathbb{B}	
evening max el	-5294 Mar 07 j 08:41	21° \mathbb{H} 00'39	45°04'12	asc. node	-5292 Jul 11 j 04:48	14° \mathbb{B} 57'58	
	-5294 Mar 17 j 06:08	0° \mathbb{Y}			-5292 Jul 23 j 07:09	0° \mathbb{I}	
greatest brilliancy	-5294 Apr 10 j 23:50	16° \mathbb{Y} 51'30	-4.5m	greatest brilliancy	-5292 Jul 30 j 10:49	8° \mathbb{I} 56'28	-3.9m
retrograde	-5294 Apr 24 j 11:02	19° \mathbb{Y} 58'48			-5292 Aug 16 j 05:06	0° \mathbb{S}	
evening set	-5294 May 09 j 08:09	15° \mathbb{Y} 46'31		morning set	-5292 Aug 28 j 14:30	15° \mathbb{S} 38'28	
inferior conj	-5294 May 15 j 18:10	12° \mathbb{Y} 01'10	0°08'16		-5292 Sep 08 j 23:07	0° \mathbb{O}	
minimum elong	-5294 May 15 j 18:29	12° \mathbb{Y} 00'41	0°08'13		-5292 Oct 02 j 16:55	0° \mathbb{M}	
transit middle	-5294 May 15 j 18:29	12° \mathbb{Y} 00'41	0°08'13				
transit begin	-5294 May 15 j 14:57	12° \mathbb{Y} 06'06		superior conj	-5292 Oct 08 j 07:13	7° \mathbb{M} 03'20	0°49'42
transit end	-5294 May 15 j 22:01	11° \mathbb{Y} 55'17		minimum elong	-5292 Oct 08 j 18:20	7° \mathbb{M} 38'22	0°49'25
desc. node	-5294 May 16 j 08:22	11° \mathbb{Y} 39'24		max. Earth dist.	-5292 Oct 12 j 17:58	12° \mathbb{M} 39'26	1.70956 AU
min. Earth dist.	-5294 May 16 j 11:35	11° \mathbb{Y} 34'28	0.28512 AU		-5292 Oct 26 j 13:03	0° $\underline{\mathbb{A}}$	
morning rise	-5294 May 22 j 04:07	8° \mathbb{Y} 14'21		desc. node	-5292 Oct 31 j 03:50	5° $\underline{\mathbb{A}}$ 47'26	
direct	-5294 Jun 06 j 11:03	3° \mathbb{Y} 48'03			-5292 Nov 19 j 12:35	0° \mathbb{M}	
greatest brilliancy	-5294 Jun 21 j 06:59	7° \mathbb{Y} 38'33	-4.5m	evening rise	-5292 Nov 20 j 03:17	0° \mathbb{M} 45'49	
	-5294 Jul 20 j 22:10	0° \mathbb{B}			-5292 Dec 13 j 15:51	0° \mathbb{X}	
morning max el	-5294 Jul 26 j 08:13	5° \mathbb{B} 14'56	46°27'52		-5291 Jan 06 j 23:27	0° \mathbb{Z}	
	-5294 Aug 18 j 15:53	0° \mathbb{I}			-5291 Jan 31 j 13:21	0° \approx	
asc. node	-5294 Sep 06 j 02:30	21° \mathbb{I} 12'33		asc. node	-5291 Feb 20 j 18:19	24° \approx 18'27	
	-5294 Sep 13 j 12:24	0° \mathbb{S}			-5291 Feb 25 j 13:04	0° \mathbb{H}	
	-5294 Oct 08 j 05:46	0° \mathbb{O}			-5291 Mar 23 j 04:05	0° \mathbb{Y}	
	-5294 Nov 01 j 12:21	0° \mathbb{M}			-5291 Apr 18 j 20:40	0° \mathbb{B}	
	-5294 Nov 25 j 16:46	0° $\underline{\mathbb{A}}$			-5291 May 17 j 20:47	0° \mathbb{I}	
	-5294 Dec 19 j 22:56	0° \mathbb{M}		evening max el	-5291 May 18 j 02:48	0° \mathbb{I} 14'26	45°45'04
desc. node	-5294 Dec 27 j 03:02	8° \mathbb{M} 50'28		desc. node	-5291 Jun 12 j 19:37	21° \mathbb{I} 39'51	
	-5293 Jan 13 j 07:37	0° \mathbb{X}		greatest brilliancy	-5291 Jun 25 j 13:00	28° \mathbb{I} 23'51	-4.6m
morning set	-5293 Jan 31 j 07:49	22° \mathbb{X} 07'14			-5291 Jul 01 j 05:34	0° \mathbb{S}	
	-5293 Feb 06 j 17:52	0° \mathbb{Z}		retrograde	-5291 Jul 06 j 07:56	0° \mathbb{S} 29'13	
	-5293 Mar 03 j 04:37	0° \approx			-5291 Jul 11 j 07:45	30° \mathbb{R} \mathbb{I}	
				evening set	-5291 Jul 23 j 09:34	25° \mathbb{I} 05'38	
superior conj	-5293 Mar 09 j 20:02	8° \approx 09'04	-1°-14'-36	inferior conj	-5291 Jul 27 j 06:11	22° \mathbb{I} 48'32	-8°-22'-1

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5291 Jul 26 j 23:06	22° II 59'13	8°20'59	minimum elong	-5289 Dec 25 j 23:20	25° III 59'35	0°57'44
min. Earth dist.	-5291 Jul 27 j 11:25	22° II 40'38	0.27194 AU		-5289 Dec 29 j 04:57	0° X	
morning rise	-5291 Jul 30 j 12:25	20° II 51'40		max. Earth dist.	-5289 Dec 30 j 06:47	1° X 19'59	1.72519 AU
direct	-5291 Aug 17 j 01:49	15° II 03'08			-5288 Jan 22 j 11:30	0° Z	
greatest brilliancy	-5291 Aug 30 j 15:28	18° II 23'53	-4.7m	evening rise	-5288 Feb 03 j 15:28	14° Z 59'04	
	-5291 Sep 17 j 02:28	0° Z			-5288 Feb 15 j 20:46	0° \approx	
asc. node	-5291 Oct 03 j 13:37	15° Z 08'58			-5288 Mar 11 j 09:22	0° H	
morning max el	-5291 Oct 06 j 19:05	18° Z 25'07	46°50'49	asc. node	-5288 Mar 20 j 06:38	10° H 49'07	
	-5291 Oct 17 j 17:46	0° Ω			-5288 Apr 05 j 02:25	0° Y	
	-5291 Nov 13 j 04:31	0° H			-5288 Apr 30 j 01:21	0° B	
	-5291 Dec 08 j 12:21	0° Ω			-5288 May 25 j 08:39	0° II	
	-5290 Jan 02 j 11:59	0° III			-5288 Jun 20 j 06:01	0° Z	
desc. node	-5290 Jan 23 j 15:20	25° III 28'59		desc. node	-5288 Jul 10 j 06:53	22° Z 22'11	
	-5290 Jan 27 j 09:10	0° X			-5288 Jul 17 j 08:51	0° Ω	
	-5290 Feb 21 j 04:42	0° Z		evening max el	-5288 Jul 30 j 21:53	13° Ω 58'06	47°17'01
	-5290 Mar 17 j 21:52	0° \approx			-5288 Aug 17 j 06:09	0° H	
morning set	-5290 Apr 09 j 20:23	27° \approx 59'07		greatest brilliancy	-5288 Sep 08 j 13:31	14° H 26'00	-4.7m
	-5290 Apr 11 j 11:53	0° H		retrograde	-5288 Sep 19 j 12:26	16° H 41'39	
	-5290 May 05 j 22:17	0° Y		evening set	-5288 Oct 05 j 03:22	11° H 52'05	
max. Earth dist.	-5290 May 11 j 15:17	7° Y 02'18	1.73239 AU	inferior conj	-5288 Oct 10 j 02:11	8° H 55'04	-5°-3'-58
				minimum elong	-5288 Oct 10 j 11:56	8° H 40'10	5°01'14
superior conj	-5290 May 15 j 12:01	11° Y 48'28	0°-1'-45	min. Earth dist.	-5288 Oct 09 j 23:46	8° H 58'46	0.26441 AU
minimum elong	-5290 May 15 j 12:21	11° Y 49'30	0°01'43	morning rise	-5288 Oct 15 j 20:38	5° H 31'48	
behind sun begin	-5290 May 14 j 14:27	10° Y 41'50		direct	-5288 Oct 30 j 07:06	1° H 19'32	
behind sun end	-5290 May 16 j 10:16	12° Y 57'10		asc. node	-5288 Oct 31 j 00:32	1° H 20'11	
asc. node	-5290 May 16 j 05:48	12° Y 43'22		greatest brilliancy	-5288 Nov 11 j 01:46	3° H 57'07	-4.7m
	-5290 May 30 j 04:58	0° B			-5288 Dec 15 j 10:14	0° Ω	
evening rise	-5290 Jun 20 j 05:12	26° B 05'47		morning max el	-5288 Dec 19 j 11:30	3° Ω 59'15	46°29'46
	-5290 Jun 23 j 08:28	0° II			-5287 Jan 13 j 02:55	0° III	
	-5290 Jul 17 j 10:06	0° Z			-5287 Feb 08 j 18:48	0° X	
	-5290 Aug 10 j 11:50	0° Ω		desc. node	-5287 Feb 20 j 03:13	13° X 04'44	
	-5290 Sep 03 j 15:55	0° H			-5287 Mar 06 j 15:38	0° Z	
desc. node	-5290 Sep 05 j 04:46	1° H 54'00			-5287 Apr 01 j 00:56	0° \approx	
	-5290 Sep 28 j 00:36	0° Ω			-5287 Apr 26 j 01:01	0° H	
	-5290 Oct 22 j 17:15	0° III			-5287 May 20 j 16:47	0° Y	
	-5290 Nov 17 j 01:29	0° X		asc. node	-5287 Jun 12 j 18:32	28° Y 25'46	
	-5290 Dec 13 j 22:14	0° Z			-5287 Jun 14 j 00:57	0° B	
evening max el	-5290 Dec 24 j 01:03	10° Z 25'28	46°00'15	morning set	-5287 Jun 15 j 17:01	2° B 04'12	
asc. node	-5290 Dec 26 j 20:52	13° Z 12'38			-5287 Jul 08 j 02:46	0° II	
	-5289 Jan 15 j 00:24	0° \approx		max. Earth dist.	-5287 Jul 19 j 06:10	13° II 58'01	1.71529 AU
greatest brilliancy	-5289 Jan 27 j 09:50	7° \approx 52'38	-4.5m				
retrograde	-5289 Feb 11 j 12:26	11° \approx 56'21		superior conj	-5287 Jul 22 j 18:38	18° II 23'14	1°15'35
evening set	-5289 Mar 01 j 01:50	6° \approx 01'50		minimum elong	-5287 Jul 22 j 11:17	18° II 00'07	1°15'44
inferior conj	-5289 Mar 05 j 00:01	3° \approx 34'24	7°40'06		-5287 Aug 01 j 00:14	0° Z	
minimum elong	-5289 Mar 05 j 05:45	3° \approx 25'15	7°39'18		-5287 Aug 24 j 19:56	0° Ω	
min. Earth dist.	-5289 Mar 05 j 07:50	3° \approx 21'56	0.29456 AU	evening rise	-5287 Aug 30 j 15:48	7° Ω 20'21	
morning rise	-5289 Mar 09 j 09:38	0° \approx 49'14			-5287 Sep 17 j 16:23	0° H	
	-5289 Mar 10 j 19:08	30° R Z		desc. node	-5287 Oct 02 j 17:12	18° H 50'33	
direct	-5289 Mar 26 j 17:47	25° Z 05'30			-5287 Oct 11 j 15:30	0° Ω	
greatest brilliancy	-5289 Apr 08 j 21:04	28° Z 05'56	-4.5m		-5287 Nov 04 j 18:34	0° III	
	-5289 Apr 12 j 20:01	0° \approx			-5287 Nov 29 j 03:19	0° X	
desc. node	-5289 Apr 17 j 23:24	3° \approx 00'07			-5287 Dec 23 j 21:33	0° Z	
morning max el	-5289 May 14 j 16:17	24° \approx 55'04	45°54'57		-5286 Jan 18 j 09:28	0° \approx	
	-5289 May 19 j 21:30	0° H		asc. node	-5286 Jan 23 j 08:24	5° \approx 40'29	
	-5289 Jun 17 j 04:17	0° Y			-5286 Feb 14 j 09:21	0° H	
	-5289 Jul 13 j 05:41	0° B		evening max el	-5286 Mar 05 j 00:52	18° H 52'02	45°04'23
	-5289 Aug 07 j 03:55	0° II			-5286 Mar 17 j 10:50	0° Y	
asc. node	-5289 Aug 08 j 16:54	1° II 53'07		greatest brilliancy	-5286 Apr 08 j 14:40	14° Y 41'38	-4.5m
	-5289 Aug 31 j 10:12	0° Z		retrograde	-5286 Apr 22 j 02:12	17° Y 49'13	
	-5289 Sep 24 j 08:09	0° Ω		evening set	-5286 May 07 j 00:47	13° Y 35'41	
	-5289 Oct 18 j 03:43	0° H		inferior conj	-5286 May 13 j 09:53	9° Y 50'58	0°28'17
	-5289 Nov 11 j 00:50	0° Ω		minimum elong	-5286 May 13 j 10:55	9° Y 49'21	0°28'01
morning set	-5289 Nov 14 j 12:33	4° Ω 22'08		min. Earth dist.	-5286 May 14 j 03:42	9° Y 23'33	0.28561 AU
desc. node	-5289 Nov 28 j 16:33	22° Ω 04'23		desc. node	-5286 May 15 j 10:36	8° Y 36'16	
	-5289 Dec 05 j 01:13	0° III		morning rise	-5286 May 19 j 20:23	6° Y 02'49	
				direct	-5286 Jun 04 j 03:30	1° Y 37'07	
superior conj	-5289 Dec 26 j 10:05	26° III 32'54	0°-57'-51	greatest brilliancy	-5286 Jun 18 j 21:52	5° Y 25'25	-4.5m

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5286 Jul 20 j 22:04	0°♄			-5284 Dec 13 j 03:02	0°♄	
morning max el	-5286 Jul 23 j 22:53	2°♄57'52	46°26'29		-5283 Jan 06 j 10:46	0°♄	
	-5286 Aug 18 j 08:14	0°♄			-5283 Jan 31 j 00:57	0°♄	
asc. node	-5286 Sep 05 j 04:36	20°♄36'19		asc. node	-5283 Feb 19 j 20:24	23°♄48'39	
	-5286 Sep 13 j 02:17	0°♄			-5283 Feb 25 j 01:17	0°♄	
	-5286 Oct 07 j 18:30	0°♄			-5283 Mar 22 j 17:33	0°♄	
	-5286 Nov 01 j 00:27	0°♄			-5283 Apr 18 j 12:51	0°♄	
	-5286 Nov 25 j 04:26	0°♄		evening max el	-5283 May 15 j 15:27	27°♄53'39	45°42'17
	-5286 Dec 19 j 10:17	0°♄			-5283 May 17 j 20:43	0°♄	
desc. node	-5286 Dec 26 j 05:12	8°♄22'32		desc. node	-5283 Jun 11 j 21:47	20°♄18'49	
	-5285 Jan 12 j 18:41	0°♄		greatest brilliancy	-5283 Jun 22 j 23:25	25°♄59'07	-4.6m
morning set	-5285 Jan 28 j 22:49	19°♄52'34		retrograde	-5283 Jul 03 j 20:23	28°♄06'38	
	-5285 Feb 06 j 04:42	0°♄		evening set	-5283 Jul 20 j 18:16	22°♄48'15	
	-5285 Mar 02 j 15:17	0°♄		inferior conj	-5283 Jul 24 j 19:06	20°♄25'25	-8°-13'-2
superior conj	-5285 Mar 07 j 14:14	6°♄04'53	-1°-15'-54	minimum elong	-5283 Jul 24 j 11:21	20°♄37'05	8°11'50
minimum elong	-5285 Mar 07 j 20:41	6°♄24'42	1°16'03	min. Earth dist.	-5283 Jul 25 j 00:32	20°♄17'14	0.27239 AU
max. Earth dist.	-5285 Mar 07 j 11:20	5°♄56'01	1.73693 AU	morning rise	-5283 Jul 28 j 04:12	18°♄24'31	
	-5285 Mar 27 j 01:54	0°♄		direct	-5283 Aug 14 j 15:07	12°♄38'51	
evening rise	-5285 Apr 12 j 18:27	20°♄29'10		greatest brilliancy	-5283 Aug 28 j 08:13	16°♄03'16	-4.7m
asc. node	-5285 Apr 17 j 19:16	26°♄39'58			-5283 Sep 17 j 13:09	0°♄	
greatest brilliancy	-5285 Apr 20 j 03:05	29°♄31'19	-3.9m	asc. node	-5283 Oct 02 j 15:46	14°♄14'45	
	-5285 Apr 20 j 12:26	0°♄		morning max el	-5283 Oct 04 j 08:28	15°♄58'18	46°50'48
	-5285 May 14 j 23:01	0°♄			-5283 Oct 17 j 12:55	0°♄	
	-5285 Jun 08 j 10:11	0°♄			-5283 Nov 12 j 19:48	0°♄	
	-5285 Jul 02 j 23:14	0°♄			-5283 Dec 08 j 01:54	0°♄	
	-5285 Jul 27 j 16:42	0°♄			-5282 Jan 02 j 00:30	0°♄	
desc. node	-5285 Aug 07 j 18:37	13°♄18'50		desc. node	-5282 Jan 22 j 17:23	24°♄59'13	
	-5285 Aug 21 j 19:09	0°♄			-5282 Jan 26 j 21:00	0°♄	
	-5285 Sep 16 j 15:56	0°♄			-5282 Feb 20 j 16:05	0°♄	
evening max el	-5285 Oct 12 j 01:51	27°♄34'36	47°27'55		-5282 Mar 17 j 08:56	0°♄	
	-5285 Oct 14 j 11:07	0°♄		morning set	-5282 Apr 07 j 15:26	25°♄57'16	
greatest brilliancy	-5285 Nov 18 j 06:34	28°♄00'34	-4.7m		-5282 Apr 10 j 22:46	0°♄	
	-5285 Nov 23 j 01:39	0°♄			-5282 May 05 j 09:04	0°♄	
asc. node	-5285 Nov 28 j 11:50	1°♄20'09		max. Earth dist.	-5282 May 09 j 14:35	5°♄12'52	1.73280 AU
retrograde	-5285 Dec 02 j 04:11	1°♄36'34					
	-5285 Dec 10 j 22:14	30°♄		superior conj	-5282 May 13 j 07:13	9°♄46'17	0°-4'-47
evening set	-5285 Dec 17 j 14:32	26°♄46'44		minimum elong	-5282 May 13 j 08:09	9°♄49'08	0°04'43
min. Earth dist.	-5285 Dec 22 j 02:15	24°♄00'54	0.27928 AU	behind sun begin	-5282 May 12 j 10:57	8°♄43'43	
inferior conj	-5285 Dec 23 j 04:02	23°♄19'42	5°31'08	behind sun end	-5282 May 14 j 05:20	10°♄54'33	
minimum elong	-5285 Dec 22 j 19:02	23°♄34'05	5°28'53	asc. node	-5282 May 15 j 08:05	12°♄17'08	
morning rise	-5285 Dec 28 j 00:21	20°♄19'39			-5282 May 29 j 15:47	0°♄	
direct	-5284 Jan 13 j 00:42	15°♄17'32		evening rise	-5282 Jun 17 j 23:42	24°♄00'06	
greatest brilliancy	-5284 Jan 23 j 15:19	17°♄21'54	-4.5m		-5282 Jun 22 j 19:26	0°♄	
	-5284 Feb 13 j 08:54	0°♄			-5282 Jul 16 j 21:19	0°♄	
morning max el	-5284 Mar 01 j 20:36	15°♄24'05	45°56'25		-5282 Aug 09 j 23:25	0°♄	
	-5284 Mar 16 j 12:07	0°♄			-5282 Sep 03 j 03:55	0°♄	
desc. node	-5284 Mar 19 j 14:31	3°♄13'22		desc. node	-5282 Sep 04 j 06:46	1°♄23'00	
	-5284 Apr 13 j 06:18	0°♄			-5282 Sep 27 j 13:08	0°♄	
	-5284 May 09 j 11:34	0°♄			-5282 Oct 22 j 06:36	0°♄	
	-5284 Jun 03 j 19:39	0°♄			-5282 Nov 16 j 16:24	0°♄	
	-5284 Jun 28 j 12:40	0°♄			-5282 Dec 13 j 17:04	0°♄	
asc. node	-5284 Jul 10 j 06:58	14°♄29'56		evening max el	-5282 Dec 21 j 16:33	8°♄10'49	46°03'28
	-5284 Jul 22 j 18:19	0°♄		asc. node	-5282 Dec 25 j 23:02	12°♄22'22	
greatest brilliancy	-5284 Jul 31 j 10:30	10°♄50'55	-3.9m		-5281 Jan 15 j 16:12	0°♄	
	-5284 Aug 15 j 16:11	0°♄		greatest brilliancy	-5281 Jan 25 j 01:48	5°♄43'02	-4.5m
morning set	-5284 Aug 26 j 02:43	13°♄10'24		retrograde	-5281 Feb 09 j 06:13	9°♄48'58	
	-5284 Sep 08 j 10:11	0°♄		evening set	-5281 Feb 26 j 20:26	3°♄51'27	
	-5284 Oct 02 j 04:01	0°♄		inferior conj	-5281 Mar 02 j 17:06	1°♄26'14	7°46'24
superior conj	-5284 Oct 05 j 16:17	4°♄25'42	0°52'52	minimum elong	-5281 Mar 02 j 22:19	1°♄17'54	7°45'41
minimum elong	-5284 Oct 06 j 03:40	5°♄01'34	0°52'35	min. Earth dist.	-5281 Mar 02 j 23:25	1°♄16'10	0.29450 AU
max. Earth dist.	-5284 Oct 09 j 18:04	9°♄33'45	1.70926 AU		-5281 Mar 04 j 23:30	30°♄	
	-5284 Oct 26 j 00:10	0°♄		morning rise	-5281 Mar 07 j 00:14	28°♄44'57	
desc. node	-5284 Oct 30 j 05:59	5°♄19'17		direct	-5281 Mar 24 j 10:37	22°♄57'25	
evening rise	-5284 Nov 17 j 12:22	28°♄09'41		greatest brilliancy	-5281 Apr 06 j 11:59	25°♄56'24	-4.5m
	-5284 Nov 18 j 23:44	0°♄			-5281 Apr 14 j 06:25	0°♄	
				desc. node	-5281 Apr 17 j 01:39	1°♄46'45	
				morning max el	-5281 May 12 j 09:35	22°♄48'26	45°54'28

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5281 May 19 j 17:42	0° H			-5279 Dec 23 j 10:26	0° Z	
	-5281 Jun 16 j 19:22	0° Y			-5278 Jan 17 j 23:43	0° \approx	
	-5281 Jul 12 j 18:50	0° B	asc. node		-5278 Jan 22 j 10:30	5° \approx 04'43	
	-5281 Aug 06 j 16:10	0° II			-5278 Feb 14 j 03:02	0° H	
asc. node	-5281 Aug 07 j 19:01	1° II 22'12	evening max el		-5278 Mar 02 j 16:03	16° H 39'27	45°04'46
	-5281 Aug 30 j 22:00	0° S			-5278 Mar 17 j 18:26	0° Y	
	-5281 Sep 23 j 19:45	0° Q	greatest brilliancy		-5278 Apr 06 j 05:16	12° Y 29'51	-4.5m
	-5281 Oct 17 j 15:12	0° M	retrograde		-5278 Apr 19 j 16:59	15° Y 38'10	
	-5281 Nov 10 j 12:12	0° A	evening set		-5278 May 04 j 17:24	11° Y 22'56	
morning set	-5281 Nov 11 j 22:11	1° A 46'27	inferior conj		-5278 May 11 j 01:29	7° Y 39'18	0°48'16
desc. node	-5281 Nov 27 j 18:43	21° A 35'56	minimum elong		-5278 May 11 j 03:15	7° Y 36'35	0°47'45
	-5281 Dec 04 j 12:29	0° M	min. Earth dist.		-5278 May 11 j 20:02	7° Y 10'42	0.28609 AU
			desc. node		-5278 May 14 j 12:47	5° Y 32'10	
superior conj	-5281 Dec 23 j 21:37	24° M 05'08	morning rise		-5278 May 17 j 12:20	3° Y 49'58	
minimum elong	-5281 Dec 23 j 10:52	23° M 31'49			-5278 May 27 j 07:07	30° R H	
max. Earth dist.	-5281 Dec 27 j 21:04	29° M 01'01	direct		-5278 Jun 01 j 19:12	29° H 24'32	
	-5281 Dec 28 j 16:07	0° J			-5278 Jun 07 j 10:26	0° Y	
	-5280 Jan 21 j 22:37	0° Z	greatest brilliancy		-5278 Jun 16 j 12:56	3° Y 11'04	-4.5m
evening rise	-5280 Feb 01 j 06:47	12° Z 44'20			-5278 Jul 20 j 21:27	0° B	
	-5280 Feb 15 j 07:55	0° \approx	morning max el		-5278 Jul 21 j 13:02	0° B 38'24	46°25'18
	-5280 Mar 10 j 20:42	0° H			-5278 Aug 18 j 00:41	0° II	
asc. node	-5280 Mar 19 j 08:46	10° H 20'50	asc. node		-5278 Sep 04 j 06:43	19° II 59'23	
	-5280 Apr 04 j 14:07	0° Y			-5278 Sep 12 j 16:22	0° S	
	-5280 Apr 29 j 13:42	0° B			-5278 Oct 07 j 07:26	0° Q	
	-5280 May 24 j 22:07	0° II			-5278 Oct 31 j 12:44	0° M	
	-5280 Jun 19 j 21:29	0° S			-5278 Nov 24 j 16:19	0° A	
desc. node	-5280 Jul 09 j 09:01	21° S 38'31			-5278 Dec 18 j 21:54	0° M	
	-5280 Jul 17 j 04:41	0° Q	desc. node		-5278 Dec 25 j 07:12	7° M 53'07	
evening max el	-5280 Jul 28 j 12:11	11° Q 35'31			-5277 Jan 12 j 06:04	0° J	
	-5280 Aug 17 j 19:21	0° M	morning set		-5277 Jan 26 j 13:18	17° J 35'04	
greatest brilliancy	-5280 Sep 06 j 02:47	11° M 56'42			-5277 Feb 05 j 15:54	0° Z	
retrograde	-5280 Sep 17 j 01:14	14° M 11'05			-5277 Mar 02 j 02:23	0° \approx	
evening set	-5280 Oct 02 j 18:48	9° M 17'38					
inferior conj	-5280 Oct 07 j 14:26	6° M 25'00	superior conj		-5277 Mar 05 j 07:52	3° \approx 57'44	-1°-17'-6
minimum elong	-5280 Oct 08 j 00:33	6° M 09'33	minimum elong		-5277 Mar 05 j 13:53	4° \approx 16'12	1°17'17
min. Earth dist.	-5280 Oct 07 j 12:31	6° M 27'56	max. Earth dist.		-5277 Mar 05 j 07:16	3° \approx 55'54	1.73675 AU
morning rise	-5280 Oct 13 j 06:30	3° M 05'19			-5277 Mar 26 j 12:58	0° H	
	-5280 Oct 20 j 08:40	30° R Q	evening rise		-5277 Apr 10 j 13:24	18° H 25'50	
direct	-5280 Oct 27 j 20:07	28° Q 49'58	asc. node		-5277 Apr 16 j 21:28	26° H 12'29	
asc. node	-5280 Oct 30 j 02:53	28° Q 56'20			-5277 Apr 19 j 23:36	0° Y	
	-5280 Nov 04 j 13:01	0° M	greatest brilliancy		-5277 Apr 19 j 20:08	29° H 49'20	-3.9m
greatest brilliancy	-5280 Nov 08 j 14:32	1° M 27'44			-5277 May 14 j 10:27	0° B	
	-5280 Dec 15 j 10:56	0° A			-5277 Jun 07 j 22:01	0° II	
morning max el	-5280 Dec 17 j 01:39	1° A 36'14			-5277 Jul 02 j 11:38	0° S	
	-5279 Jan 12 j 20:00	0° M			-5277 Jul 27 j 05:57	0° Q	
desc. node	-5279 Feb 08 j 09:06	0° J	desc. node		-5277 Aug 06 j 20:41	12° Q 43'53	
	-5279 Feb 19 j 05:16	12° J 31'22			-5277 Aug 21 j 09:41	0° M	
	-5279 Mar 06 j 04:30	0° Z			-5277 Sep 16 j 08:55	0° A	
	-5279 Mar 31 j 12:58	0° \approx	evening max el		-5277 Oct 09 j 16:12	25° A 11'22	47°29'44
	-5279 Apr 25 j 12:32	0° H			-5277 Oct 14 j 10:48	0° M	
	-5279 May 20 j 04:01	0° Y	greatest brilliancy		-5277 Nov 16 j 01:06	25° M 44'36	-4.7m
asc. node	-5279 Jun 11 j 20:37	27° Y 57'43	asc. node		-5277 Nov 27 j 13:54	29° M 11'22	
morning set	-5279 Jun 13 j 10:34	29° Y 55'19	retrograde		-5277 Nov 29 j 19:31	29° M 17'29	
	-5279 Jun 13 j 12:05	0° B	evening set		-5277 Dec 15 j 03:49	24° M 31'28	
	-5279 Jul 07 j 13:54	0° II	min. Earth dist.		-5277 Dec 19 j 17:51	21° M 42'33	0.27850 AU
max. Earth dist.	-5279 Jul 16 j 15:30	11° II 21'45	inferior conj		-5277 Dec 20 j 19:27	21° M 01'41	5°15'34
			minimum elong		-5277 Dec 20 j 10:34	21° M 15'52	5°13'17
superior conj	-5279 Jul 20 j 10:15	16° II 06'33	morning rise		-5277 Dec 25 j 18:07	17° M 58'12	
minimum elong	-5279 Jul 20 j 02:29	15° II 42'10	direct		-5276 Jan 10 j 14:41	13° M 00'43	
	-5279 Jul 31 j 11:25	0° S	greatest brilliancy		-5276 Jan 21 j 06:15	15° M 05'34	-4.5m
	-5279 Aug 24 j 07:13	0° Q			-5276 Feb 13 j 18:43	0° J	
evening rise	-5279 Aug 28 j 03:11	4° Q 49'27	morning max el		-5276 Feb 28 j 10:39	13° J 07'40	45°57'07
	-5279 Sep 17 j 03:49	0° M			-5276 Mar 16 j 06:33	0° Z	
desc. node	-5279 Oct 01 j 19:24	18° M 21'19	desc. node		-5276 Mar 18 j 16:44	2° Z 32'18	
	-5279 Oct 11 j 03:06	0° A			-5276 Apr 12 j 20:55	0° \approx	
	-5279 Nov 04 j 06:26	0° M			-5276 May 09 j 00:33	0° H	
	-5279 Nov 28 j 15:33	0° J			-5276 Jun 03 j 07:47	0° Y	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5276 Jun 28 j 00:21	0°♄	evening max el	-5274 Dec 19 j 09:09	5°♄58'48	46°06'49
asc. node	-5276 Jul 09 j 09:00	14°♄00'30	asc. node	-5274 Dec 25 j 01:10	11°♄31'11	
	-5276 Jul 22 j 05:46	0°♄		-5273 Jan 16 j 13:25	0°♄	
greatest brilliancy	-5276 Jul 31 j 23:17	12°♄10'25 -3.9m	greatest brilliancy	-5273 Jan 22 j 18:58	3°♄35'22 -4.5m	
	-5276 Aug 15 j 03:33	0°♄	retrograde	-5273 Feb 07 j 00:14	7°♄42'01	
morning set	-5276 Aug 23 j 14:55	10°♄41'25	evening set	-5273 Feb 24 j 15:04	1°♄42'05	
	-5276 Sep 07 j 21:33	0°♄		-5273 Feb 27 j 08:26	30°♄	
	-5276 Oct 01 j 15:24	0°♄	inferior conj	-5273 Feb 28 j 10:24	29°♄18'40	7°51'56
			minimum elong	-5273 Feb 28 j 15:04	29°♄11'12	7°51'19
superior conj	-5276 Oct 03 j 01:29	1°♄47'30 0°55'54	min. Earth dist.	-5273 Feb 28 j 14:58	29°♄11'23	0.29438 AU
minimum elong	-5276 Oct 03 j 13:01	2°♄23'53 0°55'38	morning rise	-5273 Mar 04 j 15:10	26°♄41'00	
max. Earth dist.	-5276 Oct 06 j 17:58	6°♄26'24 1.70898 AU	direct	-5273 Mar 22 j 03:59	20°♄50'15	
	-5276 Oct 25 j 11:33	0°♄	greatest brilliancy	-5273 Apr 04 j 01:47	23°♄46'09 -4.5m	
desc. node	-5276 Oct 29 j 08:08	4°♄50'21		-5273 Apr 15 j 06:40	0°♄	
evening rise	-5276 Nov 14 j 21:34	25°♄33'12	desc. node	-5273 Apr 16 j 03:49	0°♄35'50	
	-5276 Nov 18 j 11:07	0°♄	morning max el	-5273 May 10 j 02:53	20°♄42'03	45°53'44
	-5276 Dec 12 j 14:26	0°♄		-5273 May 19 j 13:15	0°♄	
	-5275 Jan 05 j 22:17	0°♄		-5273 Jun 16 j 10:18	0°♄	
	-5275 Jan 30 j 12:48	0°♄		-5273 Jul 12 j 08:00	0°♄	
asc. node	-5275 Feb 18 j 22:31	23°♄18'10		-5273 Aug 06 j 04:28	0°♄	
	-5275 Feb 24 j 13:50	0°♄	asc. node	-5273 Aug 06 j 21:12	0°♄51'15	
	-5275 Mar 22 j 07:29	0°♄		-5273 Aug 30 j 09:51	0°♄	
	-5275 Apr 18 j 05:44	0°♄		-5273 Sep 23 j 07:22	0°♄	
evening max el	-5275 May 13 j 04:59	25°♄34'03 45°39'36		-5273 Oct 17 j 02:39	0°♄	
	-5275 May 17 j 22:21	0°♄	morning set	-5273 Nov 09 j 07:51	29°♄10'51	
desc. node	-5275 Jun 10 j 23:52	18°♄53'45		-5273 Nov 09 j 23:32	0°♄	
greatest brilliancy	-5275 Jun 20 j 08:50	23°♄32'23 -4.5m	desc. node	-5273 Nov 26 j 20:41	21°♄06'55	
retrograde	-5275 Jul 01 j 09:14	25°♄42'58		-5273 Dec 03 j 23:42	0°♄	
evening set	-5275 Jul 18 j 02:47	20°♄29'49				
inferior conj	-5275 Jul 22 j 07:53	18°♄01'09 -8°-3'-5	superior conj	-5273 Dec 21 j 09:02	21°♄37'03	0°-52'-19
minimum elong	-5275 Jul 21 j 23:32	18°♄13'42 8°01'44	minimum elong	-5273 Dec 20 j 22:23	21°♄04'01	0°52'09
min. Earth dist.	-5275 Jul 22 j 13:12	17°♄53'10 0.27282 AU	max. Earth dist.	-5273 Dec 25 j 12:49	26°♄46'30	1.72403 AU
morning rise	-5275 Jul 25 j 20:03	15°♄56'02		-5273 Dec 28 j 03:15	0°♄	
direct	-5275 Aug 12 j 04:49	10°♄13'37		-5272 Jan 21 j 09:41	0°♄	
greatest brilliancy	-5275 Aug 26 j 00:11	13°♄40'58 -4.7m	evening rise	-5272 Jan 29 j 22:07	10°♄29'52	
	-5275 Sep 17 j 21:22	0°♄		-5272 Feb 14 j 18:59	0°♄	
asc. node	-5275 Oct 01 j 18:03	13°♄21'15		-5272 Mar 10 j 07:54	0°♄	
morning max el	-5275 Oct 01 j 22:46	13°♄33'16 46°50'44	asc. node	-5272 Mar 18 j 11:01	9°♄53'18	
	-5275 Oct 17 j 07:49	0°♄		-5272 Apr 04 j 01:41	0°♄	
	-5275 Nov 12 j 11:05	0°♄		-5272 Apr 29 j 01:59	0°♄	
	-5275 Dec 07 j 15:30	0°♄		-5272 May 24 j 11:37	0°♄	
	-5274 Jan 01 j 13:06	0°♄		-5272 Jun 19 j 13:10	0°♄	
desc. node	-5274 Jan 21 j 19:29	24°♄29'15	desc. node	-5272 Jul 08 j 11:05	20°♄54'02	
	-5274 Jan 26 j 08:55	0°♄		-5272 Jul 17 j 01:12	0°♄	
	-5274 Feb 20 j 03:32	0°♄	evening max el	-5272 Jul 26 j 02:19	9°♄12'16	47°11'45
	-5274 Mar 16 j 20:06	0°♄		-5272 Aug 18 j 13:03	0°♄	
morning set	-5274 Apr 05 j 10:29	23°♄54'59	greatest brilliancy	-5272 Sep 03 j 16:59	9°♄28'02	-4.7m
	-5274 Apr 10 j 09:46	0°♄	retrograde	-5272 Sep 14 j 13:30	11°♄39'44	
	-5274 May 04 j 20:03	0°♄	evening set	-5272 Sep 30 j 10:08	6°♄42'40	
max. Earth dist.	-5274 May 07 j 13:41	3°♄22'15 1.73324 AU	inferior conj	-5272 Oct 05 j 02:30	3°♄54'34	-5°-43'-18
			minimum elong	-5272 Oct 05 j 12:54	3°♄38'40	5°40'34
superior conj	-5274 May 11 j 02:16	7°♄43'03 0°-7'-48	min. Earth dist.	-5272 Oct 05 j 01:24	3°♄56'15	0.26438 AU
minimum elong	-5274 May 11 j 03:46	7°♄47'42 0°07'43	morning rise	-5272 Oct 10 j 15:51	0°♄38'34	
behind sun begin	-5274 May 10 j 08:20	6°♄47'45		-5272 Oct 11 j 21:02	30°♄	
behind sun end	-5274 May 11 j 23:12	8°♄47'40	direct	-5272 Oct 25 j 08:36	26°♄20'05	
asc. node	-5274 May 14 j 10:08	11°♄49'32	asc. node	-5272 Oct 29 j 04:56	26°♄37'58	
	-5274 May 29 j 02:49	0°♄	greatest brilliancy	-5272 Nov 06 j 03:12	28°♄57'56 -4.7m	
evening rise	-5274 Jun 15 j 18:01	21°♄53'11		-5272 Nov 08 j 09:37	0°♄	
	-5274 Jun 22 j 06:37	0°♄	morning max el	-5272 Dec 14 j 14:41	29°♄10'32	46°31'59
	-5274 Jul 16 j 08:45	0°♄		-5272 Dec 15 j 10:24	0°♄	
	-5274 Aug 09 j 11:11	0°♄		-5271 Jan 12 j 12:36	0°♄	
	-5274 Sep 02 j 16:06	0°♄		-5271 Feb 07 j 23:04	0°♄	
desc. node	-5274 Sep 03 j 08:59	0°♄52'08	desc. node	-5271 Feb 18 j 07:26	11°♄59'06	
	-5274 Sep 27 j 01:51	0°♄		-5271 Mar 05 j 17:05	0°♄	
	-5274 Oct 21 j 20:09	0°♄		-5271 Mar 31 j 00:43	0°♄	
	-5274 Nov 16 j 07:34	0°♄		-5271 Apr 24 j 23:47	0°♄	
	-5274 Dec 13 j 12:28	0°♄		-5271 May 19 j 14:59	0°♄	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5271 Jun 10 j 22:43	27° Υ 30'30		asc. node	-5269 Nov 26 j 16:03	26° \mathcal{M} 57'03	
morning set	-5271 Jun 11 j 04:26	27° Υ 48'14		retrograde	-5269 Nov 27 j 10:49	26° \mathcal{M} 57'49	
	-5271 Jun 12 j 22:57	0° \mathcal{B}		evening set	-5269 Dec 12 j 16:51	22° \mathcal{M} 15'10	
	-5271 Jul 07 j 00:49	0° Π		min. Earth dist.	-5269 Dec 17 j 09:10	19° \mathcal{M} 23'27	0.27772 AU
max. Earth dist.	-5271 Jul 14 j 02:24	8° Π 51'10	1.71650 AU	inferior conj	-5269 Dec 18 j 10:33	18° \mathcal{M} 43'02	4°59'15
				minimum elong	-5269 Dec 18 j 01:51	18° \mathcal{M} 56'54	4°56'55
superior conj	-5271 Jul 18 j 02:05	13° Π 51'13	1°12'25	morning rise	-5269 Dec 23 j 11:36	15° \mathcal{M} 36'19	
minimum elong	-5271 Jul 17 j 17:58	13° Π 25'46	1°12'31	direct	-5268 Jan 08 j 04:12	10° \mathcal{M} 43'07	
	-5271 Jul 30 j 22:27	0° \mathcal{E}		greatest brilliancy	-5268 Jan 18 j 21:11	12° \mathcal{M} 49'11	-4.5m
	-5271 Aug 23 j 18:24	0° \mathcal{Q}			-5268 Feb 14 j 01:41	0° \mathcal{A}	
evening rise	-5271 Aug 25 j 14:36	2° \mathcal{Q} 19'06		morning max el	-5268 Feb 26 j 01:21	10° \mathcal{A} 53'24	45°58'02
	-5271 Sep 16 j 15:09	0° \mathcal{M}			-5268 Mar 16 j 00:14	0° \mathcal{B}	
desc. node	-5271 Sep 30 j 21:31	17° \mathcal{M} 52'05		desc. node	-5268 Mar 17 j 18:57	1° \mathcal{B} 52'33	
	-5271 Oct 10 j 14:37	0° \mathcal{A}			-5268 Apr 12 j 11:02	0° \approx	
	-5271 Nov 03 j 18:10	0° \mathcal{M}			-5268 May 08 j 13:05	0° \mathcal{H}	
	-5271 Nov 28 j 03:37	0° \mathcal{A}			-5268 Jun 02 j 19:30	0° Υ	
	-5271 Dec 22 j 23:09	0° \mathcal{B}			-5268 Jun 27 j 11:38	0° \mathcal{B}	
	-5270 Jan 17 j 13:51	0° \approx		asc. node	-5268 Jul 08 j 11:13	13° \mathcal{B} 32'52	
asc. node	-5270 Jan 21 j 12:40	4° \approx 29'47			-5268 Jul 21 j 16:49	0° Π	
	-5270 Feb 13 j 20:45	0° \mathcal{H}		greatest brilliancy	-5268 Aug 01 j 09:59	13° Π 24'43	-3.9m
evening max el	-5270 Feb 28 j 06:50	14° \mathcal{H} 26'54	45°05'23		-5268 Aug 14 j 14:31	0° \mathcal{E}	
	-5270 Mar 18 j 04:08	0° Υ		morning set	-5268 Aug 21 j 03:53	8° \mathcal{E} 16'14	
greatest brilliancy	-5270 Apr 03 j 19:14	10° Υ 18'58	-4.5m		-5268 Sep 07 j 08:31	0° \mathcal{Q}	
retrograde	-5270 Apr 17 j 08:11	13° Υ 29'31					
evening set	-5270 May 02 j 10:29	9° Υ 12'03		superior conj	-5268 Sep 30 j 11:04	29° \mathcal{Q} 11'34	0°58'46
inferior conj	-5270 May 08 j 17:29	5° Υ 29'58	1°07'47	minimum elong	-5268 Sep 30 j 22:40	29° \mathcal{Q} 48'07	0°58'33
minimum elong	-5270 May 08 j 19:57	5° Υ 26'09	1°07'05		-5268 Oct 01 j 02:25	0° \mathcal{M}	
min. Earth dist.	-5270 May 09 j 12:51	5° Υ 00'04	0.28656 AU	max. Earth dist.	-5268 Oct 03 j 22:01	3° \mathcal{M} 33'07	1.70883 AU
desc. node	-5270 May 13 j 14:47	2° Υ 32'40			-5268 Oct 24 j 22:39	0° \mathcal{A}	
morning rise	-5270 May 15 j 04:32	1° Υ 39'47		desc. node	-5268 Oct 28 j 10:08	4° \mathcal{A} 21'50	
	-5270 May 18 j 12:25	30° \mathcal{R} \mathcal{H}		evening rise	-5268 Nov 12 j 06:34	22° \mathcal{A} 56'48	
direct	-5270 May 30 j 10:57	27° \mathcal{H} 14'08			-5268 Nov 17 j 22:14	0° \mathcal{M}	
	-5270 Jun 11 j 23:32	0° Υ			-5268 Dec 12 j 01:36	0° \mathcal{A}	
greatest brilliancy	-5270 Jun 14 j 04:57	1° Υ 00'00	-4.5m		-5267 Jan 05 j 09:36	0° \mathcal{B}	
morning max el	-5270 Jul 19 j 03:32	28° Υ 21'18	46°23'59		-5267 Jan 30 j 00:27	0° \approx	
	-5270 Jul 20 j 19:20	0° \mathcal{B}		asc. node	-5267 Feb 18 j 00:45	22° \approx 48'44	
	-5270 Aug 17 j 16:30	0° Π			-5267 Feb 24 j 02:11	0° \mathcal{H}	
asc. node	-5270 Sep 03 j 08:59	19° Π 24'07			-5267 Mar 21 j 21:14	0° Υ	
	-5270 Sep 12 j 06:03	0° \mathcal{E}			-5267 Apr 17 j 22:34	0° \mathcal{B}	
	-5270 Oct 06 j 20:06	0° \mathcal{Q}		evening max el	-5267 May 10 j 19:36	23° \mathcal{B} 18'22	45°37'05
	-5270 Oct 31 j 00:50	0° \mathcal{M}			-5267 May 18 j 00:54	0° Π	
	-5270 Nov 24 j 04:02	0° \mathcal{A}		desc. node	-5267 Jun 10 j 02:04	17° Π 27'28	
	-5270 Dec 18 j 09:17	0° \mathcal{M}		greatest brilliancy	-5267 Jun 17 j 18:24	21° Π 07'41	-4.5m
desc. node	-5270 Dec 24 j 09:22	7° \mathcal{M} 24'55		retrograde	-5267 Jun 28 j 22:34	23° Π 21'12	
	-5269 Jan 11 j 17:11	0° \mathcal{A}		evening set	-5267 Jul 15 j 11:37	18° Π 13'32	
morning set	-5269 Jan 24 j 03:27	15° \mathcal{A} 17'19		inferior conj	-5267 Jul 19 j 20:54	15° Π 38'54	-7°-52'-26
	-5269 Feb 05 j 02:48	0° \mathcal{B}		minimum elong	-5267 Jul 19 j 12:01	15° Π 52'15	7°50'54
	-5269 Mar 01 j 13:09	0° \approx		min. Earth dist.	-5267 Jul 20 j 01:52	15° Π 31'26	0.27321 AU
				morning rise	-5267 Jul 23 j 12:10	13° Π 29'25	
superior conj	-5269 Mar 03 j 01:30	1° \approx 51'31	-1°-18'-13	direct	-5267 Aug 09 j 19:09	7° Π 50'42	
minimum elong	-5269 Mar 03 j 07:03	2° \approx 08'33	1°18'25	greatest brilliancy	-5267 Aug 23 j 15:04	11° Π 19'15	-4.6m
max. Earth dist.	-5269 Mar 03 j 02:07	1° \approx 53'27	1.73655 AU		-5267 Sep 18 j 02:38	0° \mathcal{E}	
	-5269 Mar 25 j 23:44	0° \mathcal{H}		morning max el	-5267 Sep 29 j 13:25	11° \mathcal{E} 10'49	46°50'32
evening rise	-5269 Apr 08 j 08:32	16° \mathcal{H} 24'10		asc. node	-5267 Sep 30 j 20:07	12° \mathcal{E} 29'41	
asc. node	-5269 Apr 15 j 23:31	25° \mathcal{H} 45'30			-5267 Oct 17 j 01:47	0° \mathcal{Q}	
	-5269 Apr 19 j 10:28	0° Υ			-5267 Nov 12 j 01:48	0° \mathcal{M}	
greatest brilliancy	-5269 Apr 20 j 04:39	0° Υ 55'47	-3.9m		-5267 Dec 07 j 04:42	0° \mathcal{A}	
	-5269 May 13 j 21:32	0° \mathcal{B}			-5266 Jan 01 j 01:24	0° \mathcal{M}	
	-5269 Jun 07 j 09:29	0° Π		desc. node	-5266 Jan 20 j 21:40	24° \mathcal{M} 00'10	
	-5269 Jul 01 j 23:41	0° \mathcal{E}			-5266 Jan 25 j 20:37	0° \mathcal{A}	
	-5269 Jul 26 j 18:52	0° \mathcal{Q}			-5266 Feb 19 j 14:47	0° \mathcal{B}	
desc. node	-5269 Aug 05 j 22:54	12° \mathcal{Q} 10'27			-5266 Mar 16 j 07:03	0° \approx	
	-5269 Aug 21 j 00:02	0° \mathcal{M}		morning set	-5266 Apr 03 j 05:13	21° \approx 52'31	
	-5269 Sep 16 j 01:58	0° \mathcal{A}			-5266 Apr 09 j 20:32	0° \mathcal{H}	
evening max el	-5269 Oct 07 j 06:24	22° \mathcal{A} 48'14	47°31'14		-5266 May 04 j 06:45	0° Υ	
	-5269 Oct 14 j 11:27	0° \mathcal{M}		max. Earth dist.	-5266 May 05 j 11:57	1° Υ 29'57	1.73362 AU
greatest brilliancy	-5269 Nov 13 j 18:48	23° \mathcal{M} 27'05	-4.7m				

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 28

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

superior conj	-5266 May 08 j 21:11	5°Υ40'17	0°-10'-48	min. Earth dist.	-5264 Oct 02 j 14:38	1°η24'39	0.26437 AU
minimum elong	-5266 May 08 j 23:16	5°Υ46'44	0°10'43		-5264 Oct 04 j 22:20	30°Ϟ	
behind sun begin	-5266 May 08 j 06:53	4°Υ56'13		morning rise	-5264 Oct 08 j 00:57	28°Ω12'32	
behind sun end	-5266 May 09 j 15:39	6°Υ37'14		direct	-5264 Oct 22 j 20:36	23°Ω50'28	
asc. node	-5266 May 13 j 12:12	11°Υ22'49		asc. node	-5264 Oct 28 j 07:05	24°Ω25'38	
	-5266 May 28 j 13:35	0°Ϡ		greatest brilliancy	-5264 Nov 03 j 16:45	26°Ω29'22	-4.7m
evening rise	-5266 Jun 13 j 12:27	19°Ϡ47'27			-5264 Nov 10 j 11:33	0°η	
	-5266 Jun 21 j 17:33	0°Π		morning max el	-5264 Dec 12 j 03:04	26°η43'14	46°33'16
	-5266 Jul 15 j 19:57	0°ϣ			-5264 Dec 15 j 08:46	0°⚊	
	-5266 Aug 08 j 22:41	0°Ω			-5263 Jan 12 j 04:47	0°Ⓜ	
desc. node	-5266 Sep 02 j 11:06	0°η21'57			-5263 Feb 07 j 12:48	0°ϛ	
	-5266 Sep 02 j 03:59	0°η		desc. node	-5263 Feb 17 j 09:34	11°ϛ27'06	
	-5266 Sep 26 j 14:16	0°⚊			-5263 Mar 05 j 05:33	0°ϣ	
	-5266 Oct 21 j 09:26	0°Ⓜ			-5263 Mar 30 j 12:27	0°≈	
	-5266 Nov 15 j 22:37	0°ϛ			-5263 Apr 24 j 11:05	0°Ϡ	
	-5266 Dec 13 j 08:11	0°ϣ			-5263 May 19 j 02:03	0°Υ	
evening max el	-5266 Dec 17 j 01:53	3°ϣ47'30	46°09'50	morning set	-5263 Jun 08 j 22:08	25°Υ40'26	
asc. node	-5266 Dec 24 j 03:23	10°ϣ39'48		asc. node	-5263 Jun 10 j 00:56	27°Υ03'23	
	-5265 Jan 17 j 18:51	0°≈			-5263 Jun 12 j 09:55	0°Ϡ	
greatest brilliancy	-5265 Jan 20 j 13:09	1°≈28'53	-4.5m		-5263 Jul 06 j 11:48	0°Π	
retrograde	-5265 Feb 04 j 17:45	5°≈34'28		max. Earth dist.	-5263 Jul 11 j 15:42	6°Π27'57	1.71712 AU
	-5265 Feb 21 j 15:22	30°Ϟ					
evening set	-5265 Feb 22 j 09:22	29°ϣ32'44		superior conj	-5263 Jul 15 j 17:52	11°Π35'41	1°10'40
inferior conj	-5265 Feb 26 j 03:31	27°ϣ10'45	7°56'54	minimum elong	-5263 Jul 15 j 09:28	11°Π09'21	1°10'44
minimum elong	-5265 Feb 26 j 07:36	27°ϣ04'13	7°56'22		-5263 Jul 30 j 09:31	0°ϣ	
min. Earth dist.	-5265 Feb 26 j 06:29	27°ϣ06'00	0.29425 AU	evening rise	-5263 Aug 23 j 02:17	29°ϣ49'36	
morning rise	-5265 Mar 02 j 05:58	24°ϣ36'22			-5263 Aug 23 j 05:36	0°Ω	
direct	-5265 Mar 19 j 21:11	18°ϣ42'51			-5263 Sep 16 j 02:31	0°η	
greatest brilliancy	-5265 Apr 01 j 14:39	21°ϣ34'34	-4.5m	desc. node	-5263 Sep 29 j 23:31	17°η22'23	
desc. node	-5265 Apr 15 j 05:50	29°ϣ26'35			-5263 Oct 10 j 02:12	0°⚊	
	-5265 Apr 16 j 00:34	0°≈			-5263 Nov 03 j 05:58	0°Ⓜ	
morning max el	-5265 May 07 j 19:23	18°≈34'01	45°53'05		-5263 Nov 27 j 15:46	0°ϛ	
	-5265 May 19 j 08:09	0°Ϡ			-5263 Dec 22 j 11:58	0°ϣ	
	-5265 Jun 16 j 00:53	0°Υ			-5262 Jan 17 j 04:09	0°≈	
	-5265 Jul 11 j 20:52	0°Ϡ		asc. node	-5262 Jan 20 j 14:53	3°≈54'39	
asc. node	-5265 Aug 05 j 23:20	0°Π20'52			-5262 Feb 13 j 14:58	0°Ϡ	
	-5265 Aug 05 j 16:31	0°Π		evening max el	-5262 Feb 25 j 21:16	12°Ϡ13'17	45°05'58
	-5265 Aug 29 j 21:30	0°ϣ			-5262 Mar 18 j 17:28	0°Υ	
	-5265 Sep 22 j 18:46	0°Ω		greatest brilliancy	-5262 Apr 01 j 07:56	8°Υ06'01	-4.5m
	-5265 Oct 16 j 13:54	0°η		retrograde	-5262 Apr 14 j 23:34	11°Υ20'18	
morning set	-5265 Nov 06 j 17:54	26°η37'04		evening set	-5262 Apr 30 j 03:34	7°Υ00'06	
	-5265 Nov 09 j 10:39	0°⚊		inferior conj	-5262 May 06 j 09:22	3°Υ19'42	1°27'14
desc. node	-5265 Nov 25 j 22:51	20°⚊39'09		minimum elong	-5262 May 06 j 12:31	3°Υ14'51	1°26'21
	-5265 Dec 03 j 10:43	0°Ⓜ		min. Earth dist.	-5262 May 07 j 05:25	2°Υ48'45	0.28708 AU
					-5262 May 11 j 22:18	30°Ϟ	
superior conj	-5265 Dec 18 j 20:31	19°Ⓜ09'42	0°-49'-24	morning rise	-5262 May 12 j 20:32	29°Ϡ29'10	
minimum elong	-5265 Dec 18 j 10:04	18°Ⓜ37'15	0°49'12	desc. node	-5262 May 12 j 17:03	29°Ϡ33'55	
max. Earth dist.	-5265 Dec 23 j 06:12	24°Ⓜ37'36	1.72346 AU	direct	-5262 May 28 j 02:46	25°Ϡ02'39	
	-5265 Dec 27 j 14:12	0°ϛ		greatest brilliancy	-5262 Jun 11 j 22:07	28°Ϡ49'35	-4.5m
	-5264 Jan 20 j 20:36	0°ϣ			-5262 Jun 14 j 05:38	0°Υ	
evening rise	-5264 Jan 27 j 13:17	8°ϣ15'09		morning max el	-5262 Jul 16 j 18:50	26°Υ05'32	46°22'49
	-5264 Feb 14 j 05:58	0°≈			-5262 Jul 20 j 16:47	0°Ϡ	
	-5264 Mar 09 j 19:04	0°Ϡ			-5262 Aug 17 j 08:18	0°Π	
asc. node	-5264 Mar 17 j 13:01	9°Ϡ25'08		asc. node	-5262 Sep 02 j 11:04	18°Π47'56	
	-5264 Apr 03 j 13:16	0°Υ			-5262 Sep 11 j 19:47	0°ϣ	
	-5264 Apr 28 j 14:18	0°Ϡ			-5262 Oct 06 j 08:50	0°Ω	
	-5264 May 24 j 01:11	0°Π			-5262 Oct 30 j 13:00	0°η	
	-5264 Jun 19 j 05:01	0°ϣ			-5262 Nov 23 j 15:50	0°⚊	
desc. node	-5264 Jul 07 j 13:19	20°ϣ09'37		desc. node	-5262 Dec 17 j 20:49	0°Ⓜ	
	-5264 Jul 16 j 22:18	0°Ω			-5262 Dec 23 j 11:29	6°Ⓜ56'07	
evening max el	-5264 Jul 23 j 15:36	6°Ω47'14	47°08'54		-5261 Jan 11 j 04:27	0°ϛ	
	-5264 Aug 19 j 12:33	0°η		morning set	-5261 Jan 21 j 17:33	12°ϛ58'48	
greatest brilliancy	-5264 Sep 01 j 07:51	7°η00'29	-4.7m		-5261 Feb 04 j 13:52	0°ϣ	
retrograde	-5264 Sep 12 j 01:13	9°η08'47					
evening set	-5264 Sep 28 j 01:36	4°η08'00		superior conj	-5261 Feb 28 j 19:13	29°ϣ45'03	-1°-19'-12
inferior conj	-5264 Oct 02 j 14:38	1°η24'40	-6°-2'-2	minimum elong	-5261 Mar 01 j 00:15	0°≈00'31	1°19'25
minimum elong	-5264 Oct 03 j 01:13	1°η08'28	5°59'20	max. Earth dist.	-5261 Feb 28 j 21:28	29°ϣ51'58	1.73635 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5261 Mar 01 j 00:05	0°≈			-5259 Sep 18 j 06:45	0°☾		
	-5261 Mar 25 j 10:39	0°✠		morning max el	-5259 Sep 27 j 03:23	8°☾45'07	46°50'14	
evening rise	-5261 Apr 06 j 03:48	14°✠22'21		asc. node	-5259 Sep 29 j 22:18	11°☾37'45		
asc. node	-5261 Apr 15 j 01:39	25°✠18'11			-5259 Oct 16 j 19:53	0°♈		
	-5261 Apr 18 j 21:32	0°♑			-5259 Nov 11 j 16:49	0°♐		
greatest brilliancy	-5261 Apr 20 j 20:20	2°♑23'31	-3.9m		-5259 Dec 06 j 18:11	0°♏		
	-5261 May 13 j 08:54	0°♍			-5259 Dec 31 j 13:58	0°♌		
	-5261 Jun 06 j 21:16	0°♊		desc. node	-5258 Jan 19 j 23:44	23°♌29'51		
	-5261 Jul 01 j 12:05	0°☾			-5258 Jan 25 j 08:34	0°♏		
	-5261 Jul 26 j 08:11	0°♈			-5258 Feb 19 j 02:20	0°♏		
desc. node	-5261 Aug 05 j 00:59	11°♈35'34			-5258 Mar 15 j 18:18	0°≈		
	-5261 Aug 20 j 14:49	0°♐		morning set	-5258 Apr 01 j 00:11	19°≈49'49		
	-5261 Sep 15 j 19:37	0°♏			-5258 Apr 09 j 07:37	0°✠		
evening max el	-5261 Oct 04 j 21:16	20°♏26'10	47°32'49	max. Earth dist.	-5258 May 03 j 09:01	29°✠33'06	1.73396 AU	
	-5261 Oct 14 j 13:37	0°♌			-5258 May 03 j 17:45	0°♑		
greatest brilliancy	-5261 Nov 11 j 11:31	21°♌07'30	-4.7m					
retrograde	-5261 Nov 25 j 02:27	24°♌37'21		superior conj	-5258 May 06 j 16:27	3°♑37'47	0°-13'-47	
asc. node	-5261 Nov 25 j 18:21	24°♌36'48		minimum elong	-5258 May 06 j 19:06	3°♑45'56	0°13'40	
evening set	-5261 Dec 10 j 05:59	19°♌57'36		behind sun begin	-5258 May 06 j 07:56	3°♑11'30		
min. Earth dist.	-5261 Dec 15 j 00:14	17°♌03'37	0.27695 AU	behind sun end	-5258 May 07 j 06:16	4°♑20'23		
inferior conj	-5261 Dec 16 j 01:35	16°♌23'21	4°42'13	asc. node	-5258 May 12 j 14:28	10°♑55'47		
minimum elong	-5261 Dec 15 j 17:08	16°♌36'46	4°39'54		-5258 May 28 j 00:38	0°♍		
morning rise	-5261 Dec 21 j 05:04	13°♌13'37		evening rise	-5258 Jun 11 j 07:13	17°♍42'01		
direct	-5260 Jan 05 j 18:10	8°♌24'26			-5258 Jun 21 j 04:47	0°♊		
greatest brilliancy	-5260 Jan 16 j 11:50	10°♌31'35	-4.5m		-5258 Jul 15 j 07:28	0°☾		
	-5260 Feb 14 j 06:51	0°♏			-5258 Aug 08 j 10:34	0°♈		
morning max el	-5260 Feb 23 j 16:59	8°♏40'38	45°59'00	desc. node	-5258 Sep 01 j 13:07	29°♈50'10		
	-5260 Mar 15 j 17:47	0°♏			-5258 Sep 01 j 16:18	0°♐		
desc. node	-5260 Mar 16 j 20:55	1°♏11'58			-5258 Sep 26 j 03:10	0°♏		
	-5260 Apr 12 j 01:14	0°≈			-5258 Oct 20 j 23:17	0°♌		
	-5260 May 08 j 01:48	0°✠			-5258 Nov 15 j 14:20	0°♏		
	-5260 Jun 02 j 07:28	0°♑			-5258 Dec 13 j 04:58	0°♏		
	-5260 Jun 26 j 23:13	0°♍		evening max el	-5258 Dec 14 j 17:55	1°♏33'12	46°13'04	
asc. node	-5260 Jul 07 j 13:21	13°♍03'56		asc. node	-5258 Dec 23 j 05:33	9°♏46'15		
	-5260 Jul 21 j 04:13	0°♊		greatest brilliancy	-5257 Jan 18 j 07:52	29°♏22'12	-4.5m	
greatest brilliancy	-5260 Aug 01 j 21:51	14°♊41'34	-3.9m		-5257 Jan 19 j 15:04	0°≈		
	-5260 Aug 14 j 01:51	0°☾		retrograde	-5257 Feb 02 j 10:56	3°≈26'15		
morning set	-5260 Aug 18 j 16:40	5°☾49'22			-5257 Feb 15 j 12:46	30°♏♏		
	-5260 Sep 06 j 19:52	0°♈		evening set	-5257 Feb 20 j 03:39	27°♏23'07		
				inferior conj	-5257 Feb 23 j 20:47	25°♏02'20	8°01'20	
superior conj	-5260 Sep 27 j 20:27	26°♈33'52	1°01'33	minimum elong	-5257 Feb 24 j 00:16	24°♏56'46	8°00'51	
minimum elong	-5260 Sep 28 j 07:59	27°♈10'14	1°01'21	min. Earth dist.	-5257 Feb 23 j 22:25	24°♏59'42	0.29406 AU	
	-5260 Sep 30 j 13:48	0°♐		morning rise	-5257 Feb 27 j 21:02	22°♏30'58		
max. Earth dist.	-5260 Oct 01 j 04:19	0°♐45'47	1.70863 AU	direct	-5257 Mar 17 j 14:10	16°♏34'59		
	-5260 Oct 24 j 10:02	0°♏		greatest brilliancy	-5257 Mar 30 j 03:40	19°♏22'26	-4.5m	
desc. node	-5260 Oct 27 j 12:18	3°♏52'53		desc. node	-5257 Apr 14 j 08:07	28°♏19'01		
evening rise	-5260 Nov 09 j 15:20	20°♏18'42			-5257 Apr 16 j 14:17	0°≈		
	-5260 Nov 17 j 09:39	0°♌		morning max el	-5257 May 05 j 11:13	16°≈23'36	45°52'33	
	-5260 Dec 11 j 13:05	0°♏			-5257 May 19 j 02:50	0°✠		
	-5259 Jan 04 j 21:14	0°♏			-5257 Jun 15 j 15:33	0°♑		
	-5259 Jan 29 j 12:27	0°≈			-5257 Jul 11 j 09:54	0°♍		
asc. node	-5259 Feb 17 j 02:49	22°≈17'47		asc. node	-5257 Aug 05 j 01:27	29°♍49'47		
	-5259 Feb 23 j 14:53	0°✠			-5257 Aug 05 j 04:47	0°♊		
	-5259 Mar 21 j 11:24	0°♑			-5257 Aug 29 j 09:22	0°☾		
	-5259 Apr 17 j 16:03	0°♍			-5257 Sep 22 j 06:27	0°♈		
evening max el	-5259 May 08 j 10:37	21°♍02'59	45°34'28		-5257 Oct 16 j 01:27	0°♐		
	-5259 May 18 j 05:27	0°♊		morning set	-5257 Nov 04 j 03:33	24°♐00'42		
desc. node	-5259 Jun 09 j 04:13	15°♊57'06			-5257 Nov 08 j 22:07	0°♏		
greatest brilliancy	-5259 Jun 15 j 04:21	18°♊42'42	-4.5m	desc. node	-5257 Nov 25 j 01:01	20°♏10'17		
retrograde	-5259 Jun 26 j 11:30	20°♊58'18			-5257 Dec 02 j 22:06	0°♌		
evening set	-5259 Jul 12 j 20:30	15°♊56'17						
inferior conj	-5259 Jul 17 j 09:52	13°♊15'37	-7°-40'-58	superior conj	-5257 Dec 16 j 07:26	16°♌39'27	0°-46'-19	
minimum elong	-5259 Jul 17 j 00:32	13°♊29'38	7°39'16	minimum elong	-5257 Dec 15 j 21:16	16°♌07'52	0°46'08	
min. Earth dist.	-5259 Jul 17 j 14:36	13°♊08'28	0.27364 AU	max. Earth dist.	-5257 Dec 20 j 22:07	22°♌23'00	1.72281 AU	
morning rise	-5259 Jul 21 j 04:22	11°♊01'23			-5257 Dec 27 j 01:29	0°♏		
direct	-5259 Aug 07 j 09:36	5°♊26'46			-5256 Jan 20 j 07:50	0°♏		
greatest brilliancy	-5259 Aug 21 j 05:25	8°♊55'25	-4.6m	evening rise	-5256 Jan 25 j 04:01	5°♏58'07		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5256 Feb 13 j 17:12	0°♊			-5254 Jul 20 j 13:26	0°♋		
	-5256 Mar 09 j 06:30	0°♌			-5254 Aug 16 j 23:49	0°♍		
asc. node	-5256 Mar 16 j 15:12	8°♌56'41		asc. node	-5254 Sep 01 j 13:13	18°♍12'23		
	-5256 Apr 03 j 01:07	0°♎			-5254 Sep 11 j 09:20	0°♏		
	-5256 Apr 28 j 02:55	0°♐			-5254 Oct 05 j 21:25	0°♑		
	-5256 May 23 j 15:05	0°♒			-5254 Oct 30 j 01:03	0°♓		
	-5256 Jun 18 j 21:16	0°♈			-5254 Nov 23 j 03:31	0°♐		
desc. node	-5256 Jul 06 j 15:26	19°♈32'58			-5254 Dec 17 j 08:13	0°♑		
	-5256 Jul 16 j 20:14	0°♒		desc. node	-5254 Dec 22 j 13:30	6°♑27'16		
evening max el	-5256 Jul 21 j 03:55	4°♒19'39	47°06'00		-5253 Jan 10 j 15:38	0°♒		
	-5256 Aug 20 j 20:57	0°♓		morning set	-5253 Jan 19 j 07:24	10°♒39'32		
greatest brilliancy	-5256 Aug 29 j 22:39	4°♓32'46	-4.7m		-5253 Feb 04 j 00:52	0°♈		
retrograde	-5256 Sep 09 j 12:39	6°♓38'06						
evening set	-5256 Sep 25 j 17:10	1°♓33'07		superior conj	-5253 Feb 26 j 12:36	27°♈37'37	-1°-20'-5	
	-5256 Sep 28 j 08:10	30°♐♑		minimum elong	-5253 Feb 26 j 17:05	27°♈51'23	1°20'19	
inferior conj	-5256 Sep 30 j 02:54	28°♑54'49	-6°-19'-54	max. Earth dist.	-5253 Feb 26 j 17:16	27°♈51'56	1.73615 AU	
minimum elong	-5256 Sep 30 j 13:35	28°♑38'28	6°17'16		-5253 Feb 28 j 10:59	0°♊		
min. Earth dist.	-5256 Sep 30 j 04:10	28°♑52'53	0.26446 AU		-5253 Mar 24 j 21:33	0°♌		
morning rise	-5256 Oct 05 j 10:02	25°♑46'54		evening rise	-5253 Apr 03 j 22:48	12°♌19'59		
direct	-5256 Oct 20 j 08:29	21°♑20'29		asc. node	-5253 Apr 14 j 03:52	24°♌51'20		
asc. node	-5256 Oct 27 j 09:25	22°♑18'36			-5253 Apr 18 j 08:32	0°♎		
greatest brilliancy	-5256 Nov 01 j 07:34	24°♑01'53	-4.7m	greatest brilliancy	-5253 Apr 22 j 09:39	4°♎57'42	-3.9m	
	-5256 Nov 11 j 21:10	0°♏			-5253 May 12 j 20:09	0°♋		
morning max el	-5256 Dec 09 j 15:35	24°♏15'13	46°34'27		-5253 Jun 06 j 08:57	0°♌		
	-5256 Dec 15 j 06:38	0°♐			-5253 Jul 01 j 00:25	0°♍		
	-5255 Jan 11 j 21:01	0°♑			-5253 Jul 25 j 21:28	0°♒		
	-5255 Feb 07 j 02:42	0°♓		desc. node	-5253 Aug 04 j 03:03	11°♒00'49		
desc. node	-5255 Feb 16 j 11:38	10°♓54'18			-5253 Aug 20 j 05:38	0°♓		
	-5255 Mar 04 j 18:11	0°♈			-5253 Sep 15 j 13:28	0°♐		
	-5255 Mar 30 j 00:18	0°♊		evening max el	-5253 Oct 02 j 13:13	18°♐07'31	47°34'19	
	-5255 Apr 23 j 22:28	0°♌			-5253 Oct 14 j 17:00	0°♑		
	-5255 May 18 j 13:11	0°♎		greatest brilliancy	-5253 Nov 09 j 03:59	18°♑48'18	-4.7m	
morning set	-5255 Jun 06 j 16:06	23°♎33'10		retrograde	-5253 Nov 22 j 18:28	22°♑17'24		
asc. node	-5255 Jun 09 j 03:00	26°♎35'32		asc. node	-5253 Nov 24 j 20:25	22°♑11'55		
	-5255 Jun 11 j 20:59	0°♋		evening set	-5253 Dec 07 j 19:18	17°♑40'27		
	-5255 Jul 05 j 22:52	0°♍		min. Earth dist.	-5253 Dec 12 j 15:00	14°♑44'40	0.27619 AU	
max. Earth dist.	-5255 Jul 09 j 07:19	4°♍11'48	1.71774 AU	inferior conj	-5253 Dec 13 j 16:35	14°♑04'08	4°24'36	
				minimum elong	-5253 Dec 13 j 08:27	14°♑17'02	4°22'18	
superior conj	-5255 Jul 13 j 10:04	9°♍21'12	1°08'50	morning rise	-5253 Dec 18 j 22:27	10°♑51'36		
minimum elong	-5255 Jul 13 j 01:26	8°♍54'08	1°08'51	direct	-5252 Jan 03 j 08:38	6°♑06'28		
	-5255 Jul 29 j 20:40	0°♏		greatest brilliancy	-5252 Jan 14 j 01:38	8°♑13'43	-4.6m	
evening rise	-5255 Aug 20 j 14:39	27°♏22'05			-5252 Feb 14 j 09:56	0°♓		
	-5255 Aug 22 j 16:51	0°♒		morning max el	-5252 Feb 21 j 09:03	6°♓29'29	45°59'48	
	-5255 Sep 15 j 13:56	0°♓			-5252 Mar 15 j 10:47	0°♈		
desc. node	-5255 Sep 29 j 01:44	16°♓53'17		desc. node	-5252 Mar 15 j 23:11	0°♈33'07		
	-5255 Oct 09 j 13:49	0°♐			-5252 Apr 11 j 15:08	0°♊		
	-5255 Nov 02 j 17:51	0°♑			-5252 May 07 j 14:17	0°♌		
	-5255 Nov 27 j 04:03	0°♓			-5252 Jun 01 j 19:13	0°♎		
	-5255 Dec 22 j 00:59	0°♈			-5252 Jun 26 j 10:32	0°♋		
	-5254 Jan 16 j 18:46	0°♊		asc. node	-5252 Jul 06 j 15:25	12°♋35'36		
asc. node	-5254 Jan 19 j 16:58	3°♊18'27			-5252 Jul 20 j 15:21	0°♍		
	-5254 Feb 13 j 09:48	0°♌		greatest brilliancy	-5252 Aug 02 j 00:10	15°♍29'19	-3.9m	
evening max el	-5254 Feb 23 j 12:09	10°♌00'31	45°06'54		-5252 Aug 13 j 12:55	0°♏		
	-5254 Mar 19 j 11:27	0°♎		morning set	-5252 Aug 16 j 05:37	3°♏23'56		
greatest brilliancy	-5254 Mar 29 j 20:28	5°♎53'02	-4.5m		-5252 Sep 06 j 06:58	0°♒		
retrograde	-5254 Apr 12 j 15:43	9°♎11'28						
evening set	-5254 Apr 27 j 20:57	4°♎48'22		superior conj	-5252 Sep 25 j 06:05	23°♒57'38	1°04'10	
inferior conj	-5254 May 04 j 01:21	1°♎09'42	1°46'28	minimum elong	-5252 Sep 25 j 17:26	24°♒33'25	1°04'00	
minimum elong	-5254 May 04 j 05:10	1°♎03'50	1°45'23	max. Earth dist.	-5252 Sep 28 j 10:31	27°♒58'49	1.70846 AU	
min. Earth dist.	-5254 May 04 j 21:41	0°♎38'20	0.28758 AU		-5252 Sep 30 j 00:56	0°♓		
	-5254 May 05 j 22:38	30°♐♑			-5252 Oct 23 j 21:12	0°♐		
morning rise	-5254 May 10 j 12:30	27°♑19'15		desc. node	-5252 Oct 26 j 14:26	3°♐24'34		
desc. node	-5254 May 11 j 19:12	26°♑38'34		evening rise	-5252 Nov 07 j 00:04	17°♐41'09		
direct	-5254 May 25 j 19:03	22°♑51'35			-5252 Nov 16 j 20:49	0°♑		
greatest brilliancy	-5254 Jun 09 j 15:27	26°♑39'55	-4.5m		-5252 Dec 11 j 00:17	0°♒		
	-5254 Jun 15 j 16:49	0°♓			-5251 Jan 04 j 08:36	0°♈		
morning max el	-5254 Jul 14 j 11:07	23°♓52'34	46°21'35		-5251 Jan 29 j 00:10	0°♊		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5251 Feb 16 j 04:59	21° 48 '02		-5249 Aug 28 j 20:55	0° 5	
	-5251 Feb 23 j 03:22	0° 8		-5249 Sep 21 j 17:47	0° 9	
	-5251 Mar 21 j 01:25	0° 9		-5249 Oct 15 j 12:39	0° 10	
	-5251 Apr 17 j 09:38	0° 8	morning set	-5249 Nov 01 j 13:05	21° 10 '24'59	
evening max el	-5251 May 06 j 01:36	18° 8 '48'24	45°31'57	-5249 Nov 08 j 09:13	0° 11	
	-5251 May 18 j 11:34	0° 12		-5249 Nov 24 j 02:59	19° 12 '41'52	
desc. node	-5251 Jun 08 j 06:19	14° 12 '24'34		-5249 Dec 02 j 09:08	0° 13	
greatest brilliancy	-5251 Jun 12 j 15:43	16° 12 '20'40	-4.5m			
retrograde	-5251 Jun 24 j 00:12	18° 12 '37'05		superior conj	-5249 Dec 13 j 18:11	14° 13 '09'34 0°-43'-8
evening set	-5251 Jul 10 j 05:45	13° 12 '40'50		minimum elong	-5249 Dec 13 j 08:24	13° 13 ' 39 '10 0°42'56
inferior conj	-5251 Jul 14 j 23:06	10° 12 '54'16	-7°-28'-43	max. Earth dist.	-5249 Dec 18 j 11:47	20° 13 '02'25 1.72219 AU
minimum elong	-5251 Jul 14 j 13:24	11° 12 '08'52	7°26'52		-5249 Dec 26 j 12:27	0° 14
min. Earth dist.	-5251 Jul 15 j 03:52	10° 12 '47'03	0.27403 AU		-5248 Jan 19 j 18:45	0° 15
morning rise	-5251 Jul 18 j 20:50	8° 12 '35'06		evening rise	-5248 Jan 22 j 18:31	3° 15 ' 41 '14
direct	-5251 Aug 04 j 23:54	3° 12 '04'52			-5248 Feb 13 j 04:09	0° 16
greatest brilliancy	-5251 Aug 18 j 19:38	6° 12 '32'58	-4.6m		-5248 Mar 08 j 17:37	0° 17
	-5251 Sep 18 j 08:46	0° 18		asc. node	-5248 Mar 15 j 17:27	8° 18 ' 29 '30
morning max el	-5251 Sep 24 j 16:23	6° 18 ' 18 '16	46°49'44		-5248 Apr 02 j 12:40	0° 19
asc. node	-5251 Sep 29 j 00:37	10° 18 ' 48 '20			-5248 Apr 27 j 15:15	0° 20
	-5251 Oct 16 j 13:12	0° 21			-5248 May 23 j 04:46	0° 21
	-5251 Nov 11 j 07:17	0° 22			-5248 Jun 18 j 13:31	0° 22
	-5251 Dec 06 j 07:14	0° 23		desc. node	-5248 Jul 05 j 17:32	18° 23 ' 38 '13
	-5251 Dec 31 j 02:10	0° 24			-5248 Jul 16 j 18:48	0° 25
desc. node	-5250 Jan 19 j 01:50	23° 24 '00'44		evening max el	-5248 Jul 18 j 15:35	1° 25 ' 51 '09 47°03'00
	-5250 Jan 24 j 20:09	0° 26			-5248 Aug 22 j 20:11	0° 26
	-5250 Feb 18 j 13:29	0° 27		greatest brilliancy	-5248 Aug 27 j 12:44	2° 26 '04'30 -4.7m
	-5250 Mar 15 j 05:11	0° 28		retrograde	-5248 Sep 07 j 00:03	4° 26 '07'45
morning set	-5250 Mar 29 j 19:08	17° 28 ' 48 '09			-5248 Sep 21 j 11:51	30° 26 ' 48 '00
	-5250 Apr 08 j 18:21	0° 29		evening set	-5248 Sep 23 j 08:33	28° 26 ' 58 '07
max. Earth dist.	-5250 May 01 j 04:42	27° 29 ' 33 '02	1.73434 AU	inferior conj	-5248 Sep 27 j 14:57	26° 26 ' 58 '05 -6°-36'-56
	-5250 May 03 j 04:27	0° 30		minimum elong	-5248 Sep 28 j 01:41	26° 26 ' 58 '42 6°34'24
				min. Earth dist.	-5248 Sep 27 j 17:22	26° 26 ' 58 '24 0.26456 AU
superior conj	-5250 May 04 j 11:43	1° 30 '36'18	0°-16'-44	morning rise	-5248 Oct 02 j 18:45	23° 26 ' 58 '57
minimum elong	-5250 May 04 j 14:54	1° 30 '46'08	0°16'37	direct	-5248 Oct 17 j 20:14	18° 26 ' 58 '28
asc. node	-5250 May 11 j 16:31	10° 30 ' 29 '00		asc. node	-5248 Oct 26 j 11:28	20° 26 ' 58 '51
	-5250 May 27 j 11:24	0° 31		greatest brilliancy	-5248 Oct 29 j 22:38	21° 26 ' 58 '16 -4.7m
evening rise	-5250 Jun 09 j 01:56	15° 31 ' 37 '23			-5248 Nov 12 j 21:02	0° 27
	-5250 Jun 20 j 15:44	0° 32		morning max el	-5248 Dec 07 j 04:28	21° 27 ' 48 '43 46°35'39
	-5250 Jul 14 j 18:40	0° 33			-5248 Dec 15 j 03:27	0° 28
	-5250 Aug 07 j 22:07	0° 34			-5247 Jan 11 j 12:43	0° 29
desc. node	-5250 Aug 31 j 15:21	29° 34 ' 20 '07			-5247 Feb 06 j 16:13	0° 30
	-5250 Sep 01 j 04:18	0° 35		desc. node	-5247 Feb 15 j 13:49	10° 30 ' 22 '39
	-5250 Sep 25 j 15:47	0° 36			-5247 Mar 04 j 06:29	0° 31
	-5250 Oct 20 j 12:55	0° 37			-5247 Mar 29 j 11:53	0° 32
	-5250 Nov 15 j 05:57	0° 38			-5247 Apr 23 j 09:36	0° 33
evening max el	-5250 Dec 12 j 09:06	29° 38 ' 17 '19	46°16'17		-5247 May 18 j 00:04	0° 34
	-5250 Dec 13 j 02:08	0° 39		morning set	-5247 Jun 04 j 10:15	21° 34 ' 27 '26
asc. node	-5250 Dec 22 j 07:43	8° 39 ' 52 '30		asc. node	-5247 Jun 08 j 05:07	26° 34 ' 27 '35
greatest brilliancy	-5249 Jan 16 j 02:17	27° 39 ' 15 '41	-4.5m		-5247 Jun 11 j 07:47	0° 35
	-5249 Jan 22 j 19:37	0° 40			-5247 Jul 05 j 09:43	0° 36
retrograde	-5249 Jan 31 j 03:44	1° 40 ' 18 '49		max. Earth dist.	-5247 Jul 07 j 00:24	2° 40 ' 18 '01 1.71838 AU
	-5249 Feb 08 j 04:43	30° 40 ' 18 ' 3				
evening set	-5249 Feb 17 j 21:36	25° 40 ' 14 '37		superior conj	-5247 Jul 11 j 02:19	7° 40 ' 18 '39 1°06'52
inferior conj	-5249 Feb 21 j 13:59	22° 40 ' 54 '49	8°04'58	minimum elong	-5247 Jul 10 j 17:30	6° 40 ' 18 '03 1°06'53
minimum elong	-5249 Feb 21 j 16:50	22° 40 ' 50 '14	8°04'34		-5247 Jul 29 j 07:37	0° 41
min. Earth dist.	-5249 Feb 21 j 14:33	22° 40 ' 53 '55	0.29382 AU	evening rise	-5247 Aug 18 j 03:01	24° 41 ' 55 '10
morning rise	-5249 Feb 25 j 12:12	20° 41 ' 26 '14			-5247 Aug 22 j 03:58	0° 42
direct	-5249 Mar 15 j 06:37	14° 41 ' 27 '58			-5247 Sep 15 j 01:15	0° 43
greatest brilliancy	-5249 Mar 27 j 17:25	17° 41 ' 12 '10	-4.5m	desc. node	-5247 Sep 28 j 03:48	16° 41 ' 24 '08
desc. node	-5249 Apr 13 j 10:15	27° 41 ' 14 '02			-5247 Oct 09 j 01:20	0° 44
	-5249 Apr 17 j 00:00	0° 45			-5247 Nov 02 j 05:37	0° 45
morning max el	-5249 May 03 j 02:15	14° 45 ' 12 '23	45°52'03		-5247 Nov 26 j 16:12	0° 46
	-5249 May 18 j 20:38	0° 46			-5247 Dec 21 j 13:55	0° 47
	-5249 Jun 15 j 05:42	0° 47			-5246 Jan 16 j 09:24	0° 48
	-5249 Jul 10 j 22:34	0° 48		asc. node	-5246 Jan 18 j 19:11	2° 48 ' 42 '49
asc. node	-5249 Aug 04 j 03:38	29° 48 ' 19 '50			-5246 Feb 13 j 05:01	0° 49
	-5249 Aug 04 j 16:43	0° 50		evening max el	-5246 Feb 21 j 03:49	7° 48 ' 50 '00 45°07'56

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 32

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5246 Mar 20 j 11:39	0°Υ				-5244 Sep 05 j 18:07	0°Ω	
greatest brilliancy	-5246 Mar 27 j 09:40	3°Υ41'20	-4.5m					
retrograde	-5246 Apr 10 j 08:09	7°Υ03'00		superior conj	-5244 Sep 22 j 16:12	21°Ω22'47	1°06'36	
evening set	-5246 Apr 25 j 14:30	2°Υ37'06		minimum elong	-5244 Sep 23 j 03:15	21°Ω57'39	1°06'29	
	-5246 Apr 30 j 02:24	30°R✕		max. Earth dist.	-5244 Sep 25 j 15:20	25°Ω07'14	1.70833 AU	
inferior conj	-5246 May 01 j 17:20	29°✕00'09	2°05'28		-5244 Sep 29 j 12:09	0°η		
minimum elong	-5246 May 01 j 21:47	28°✕53'18	2°04'12		-5244 Oct 23 j 08:27	0°♄		
min. Earth dist.	-5246 May 02 j 13:36	28°✕28'53	0.28805 AU	desc. node	-5244 Oct 25 j 16:26	2°♄55'31		
morning rise	-5246 May 08 j 04:18	25°✕10'03		evening rise	-5244 Nov 04 j 08:40	15°♄02'39		
desc. node	-5246 May 10 j 21:13	23°✕47'04			-5244 Nov 16 j 08:08	0°♍		
direct	-5246 May 23 j 11:44	20°✕41'12			-5244 Dec 10 j 11:41	0°♁		
greatest brilliancy	-5246 Jun 07 j 07:57	24°✕29'57	-4.5m		-5243 Jan 03 j 20:11	0°♂		
	-5246 Jun 16 j 17:30	0°Υ			-5243 Jan 28 j 12:08	0°≈		
morning max el	-5246 Jul 12 j 03:39	21°Υ41'05	46°20'19	asc. node	-5243 Feb 15 j 07:11	21°≈17'35		
	-5246 Jul 20 j 09:13	0°♄			-5243 Feb 22 j 16:07	0°✕		
	-5246 Aug 16 j 14:56	0°♂			-5243 Mar 20 j 15:50	0°Υ		
asc. node	-5246 Aug 31 j 15:28	17°♂37'42			-5243 Apr 17 j 03:54	0°♄		
	-5246 Sep 10 j 22:41	0°♄		evening max el	-5243 May 03 j 15:37	16°♄30'49	45°29'27	
	-5246 Oct 05 j 09:55	0°Ω			-5243 May 18 j 20:27	0°♂		
	-5246 Oct 29 j 13:03	0°η		desc. node	-5243 Jun 07 j 08:31	12°♂47'57		
	-5246 Nov 22 j 15:11	0°♄		greatest brilliancy	-5243 Jun 10 j 03:57	13°♂58'53	-4.5m	
	-5246 Dec 16 j 19:36	0°♍		retrograde	-5243 Jun 21 j 12:28	16°♂15'21		
desc. node	-5246 Dec 21 j 15:40	5°♍58'56		evening set	-5243 Jul 07 j 15:00	11°♂24'41		
	-5245 Jan 10 j 02:46	0°♁		inferior conj	-5243 Jul 12 j 12:18	8°♂32'28	-7°-15'-42	
morning set	-5245 Jan 16 j 20:48	8°♁18'56		minimum elong	-5243 Jul 12 j 02:18	8°♂47'34	7°13'42	
	-5245 Feb 03 j 11:49	0°♂		min. Earth dist.	-5243 Jul 12 j 17:33	8°♂24'31	0.27440 AU	
				morning rise	-5243 Jul 16 j 13:18	6°♂08'19		
superior conj	-5245 Feb 24 j 05:39	25°♂29'11	-1°-20'-51	direct	-5243 Aug 02 j 13:35	0°♂42'18		
minimum elong	-5245 Feb 24 j 09:33	25°♂41'12	1°21'07	greatest brilliancy	-5243 Aug 16 j 10:22	4°♂10'39	-4.6m	
max. Earth dist.	-5245 Feb 24 j 14:36	25°♂56'42	1.73593 AU		-5243 Sep 18 j 09:40	0°♄		
	-5245 Feb 27 j 21:51	0°≈		morning max el	-5243 Sep 22 j 04:29	3°♄48'40	46°49'28	
	-5245 Mar 24 j 08:26	0°✕		asc. node	-5243 Sep 28 j 02:38	9°♄58'30		
evening rise	-5245 Apr 01 j 17:41	10°✕17'17			-5243 Oct 16 j 06:18	0°Ω		
asc. node	-5245 Apr 13 j 05:54	24°✕23'57			-5243 Nov 10 j 21:44	0°η		
	-5245 Apr 17 j 19:33	0°Υ			-5243 Dec 05 j 20:22	0°♄		
	-5245 May 12 j 07:25	0°♄			-5243 Dec 30 j 14:30	0°♍		
	-5245 Jun 05 j 20:38	0°♂		desc. node	-5242 Jan 18 j 04:00	22°♍31'05		
	-5245 Jun 30 j 12:44	0°♄			-5242 Jan 24 j 07:59	0°♁		
	-5245 Jul 25 j 10:47	0°Ω			-5242 Feb 18 j 00:56	0°♂		
desc. node	-5245 Aug 03 j 05:17	10°Ω26'35			-5242 Mar 14 j 16:21	0°≈		
	-5245 Aug 19 j 20:35	0°η		morning set	-5242 Mar 27 j 13:40	15°≈44'22		
	-5245 Sep 15 j 07:45	0°♄			-5242 Apr 08 j 05:20	0°✕		
evening max el	-5245 Sep 30 j 05:33	15°♄49'26	47°35'24	max. Earth dist.	-5242 Apr 29 j 00:20	25°✕32'04	1.73470 AU	
	-5245 Oct 14 j 22:24	0°♍						
greatest brilliancy	-5245 Nov 06 j 21:02	16°♍28'42	-4.7m	superior conj	-5242 May 02 j 06:45	29°✕33'26	0°-19'-41	
retrograde	-5245 Nov 20 j 10:12	19°♍55'30		minimum elong	-5242 May 02 j 10:29	29°✕44'54	0°19'33	
asc. node	-5245 Nov 23 j 22:35	19°♍39'46			-5242 May 02 j 15:23	0°Υ		
evening set	-5245 Dec 05 j 08:26	15°♍21'31		asc. node	-5242 May 10 j 18:36	10°Υ01'35		
min. Earth dist.	-5245 Dec 10 j 05:26	12°♍23'54	0.27542 AU		-5242 May 26 j 22:26	0°♄		
inferior conj	-5245 Dec 11 j 07:13	11°♍43'08	4°06'15	evening rise	-5242 Jun 06 j 20:36	13°♄31'55		
minimum elong	-5245 Dec 10 j 23:26	11°♍55'26	4°04'00		-5242 Jun 20 j 02:59	0°♂		
morning rise	-5245 Dec 16 j 15:24	8°♍27'45			-5242 Jul 14 j 06:13	0°♄		
direct	-5245 Dec 31 j 23:03	3°♍46'56			-5242 Aug 07 j 10:00	0°Ω		
greatest brilliancy	-5244 Jan 11 j 14:34	5°♍53'27	-4.6m	desc. node	-5242 Aug 30 j 17:25	28°Ω48'41		
	-5244 Feb 14 j 11:50	0°♁			-5242 Aug 31 j 16:35	0°η		
morning max el	-5244 Feb 19 j 00:21	4°♁15'48	46°00'38		-5242 Sep 25 j 04:41	0°♄		
desc. node	-5244 Mar 15 j 01:21	29°♁53'56			-5242 Oct 20 j 02:50	0°♍		
	-5244 Mar 15 j 03:36	0°♂			-5242 Nov 14 j 21:58	0°♁		
	-5244 Apr 11 j 05:02	0°≈		evening max el	-5242 Dec 09 j 23:28	26°♁58'38	46°19'25	
	-5244 May 07 j 02:49	0°✕			-5242 Dec 13 j 00:20	0°♂		
	-5244 Jun 01 j 07:01	0°Υ		asc. node	-5242 Dec 21 j 09:55	7°♂57'02		
	-5244 Jun 25 j 21:57	0°♄		greatest brilliancy	-5241 Jan 13 j 19:43	25°♂06'49	-4.5m	
asc. node	-5244 Jul 05 j 17:38	12°♄07'23		retrograde	-5241 Jan 28 j 20:40	29°♂10'30		
	-5244 Jul 20 j 02:33	0°♂		evening set	-5241 Feb 15 j 15:17	23°♂05'21		
greatest brilliancy	-5244 Aug 02 j 03:16	16°♂19'23	-3.9m	inferior conj	-5241 Feb 19 j 07:13	20°♂46'15	8°07'55	
	-5244 Aug 13 j 00:04	0°♄		minimum elong	-5241 Feb 19 j 09:24	20°♂42'44	8°07'34	
morning set	-5244 Aug 13 j 19:00	0°♄59'42		min. Earth dist.	-5241 Feb 19 j 06:46	20°♂46'59	0.29360 AU	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5241 Feb 23 j 03:38	18° $\overline{3}$ 20'16			-5239 Aug 21 j 15:21	0° Ω	
direct	-5241 Mar 12 j 22:48	12° $\overline{3}$ 19'45			-5239 Sep 14 j 12:51	0° η	
greatest brilliancy	-5241 Mar 25 j 08:25	15° $\overline{3}$ 02'15	-4.5m	desc. node	-5239 Sep 27 j 05:49	15° η 53'50	
desc. node	-5241 Apr 12 j 12:17	26° $\overline{3}$ 09'24			-5239 Oct 08 j 13:09	0° $\underline{\Omega}$	
	-5241 Apr 17 j 07:35	0° \approx			-5239 Nov 01 j 17:41	0° \mathcal{M}	
morning max el	-5241 Apr 30 j 17:34	12° \approx 00'44	45°51'39		-5239 Nov 26 j 04:40	0° \mathcal{A}	
	-5241 May 18 j 14:26	0° \mathcal{H}			-5239 Dec 21 j 03:09	0° $\overline{3}$	
	-5241 Jun 14 j 20:03	0° \mathcal{Y}			-5238 Jan 16 j 00:23	0° \approx	
	-5241 Jul 10 j 11:28	0° \mathcal{B}		asc. node	-5238 Jan 17 j 21:22	2° \approx 06'19	
asc. node	-5241 Aug 03 j 05:47	28° \mathcal{B} 48'54			-5238 Feb 13 j 00:57	0° \mathcal{H}	
	-5241 Aug 04 j 04:55	0° \mathcal{I}		evening max el	-5238 Feb 18 j 20:13	5° \mathcal{H} 40'59	45°09'01
	-5241 Aug 28 j 08:45	0° $\overline{3}$			-5238 Mar 21 j 21:54	0° \mathcal{Y}	
	-5241 Sep 21 j 05:24	0° Ω		greatest brilliancy	-5238 Mar 24 j 23:54	1° \mathcal{Y} 30'55	-4.5m
	-5241 Oct 15 j 00:08	0° η		retrograde	-5238 Apr 08 j 00:36	4° \mathcal{Y} 54'28	
morning set	-5241 Oct 29 j 22:57	18° η 49'18		evening set	-5238 Apr 23 j 08:24	0° \mathcal{Y} 25'55	
	-5241 Nov 07 j 20:35	0° $\underline{\Omega}$			-5238 Apr 24 j 03:06	30° \mathcal{R} \mathcal{H}	
desc. node	-5241 Nov 23 j 05:10	19° $\underline{\Omega}$ 13'21		inferior conj	-5238 Apr 29 j 09:32	26° \mathcal{H} 50'39	2°24'05
	-5241 Dec 01 j 20:24	0° \mathcal{M}		minimum elong	-5238 Apr 29 j 14:34	26° \mathcal{H} 42'51	2°22'39
				min. Earth dist.	-5238 Apr 30 j 05:32	26° \mathcal{H} 19'43	0.28853 AU
superior conj	-5241 Dec 11 j 05:10	11° \mathcal{M} 39'42	0°-39'-53	morning rise	-5238 May 05 j 20:07	23° \mathcal{H} 00'55	
minimum elong	-5241 Dec 10 j 19:50	11° \mathcal{M} 10'41	0°39'41	desc. node	-5238 May 09 j 23:30	20° \mathcal{H} 59'00	
max. Earth dist.	-5241 Dec 16 j 00:18	17° \mathcal{M} 37'25	1.72155 AU	direct	-5238 May 21 j 04:53	18° \mathcal{H} 31'00	
	-5241 Dec 25 j 23:38	0° \mathcal{A}		greatest brilliancy	-5238 Jun 04 j 23:43	22° \mathcal{H} 18'41	-4.5m
	-5240 Jan 19 j 05:54	0° $\overline{3}$			-5238 Jun 17 j 12:00	0° \mathcal{Y}	
evening rise	-5240 Jan 20 j 09:12	1° $\overline{3}$ 24'11		morning max el	-5238 Jul 09 j 20:12	19° \mathcal{Y} 29'08	46°18'55
	-5240 Feb 12 j 15:22	0° \approx			-5238 Jul 20 j 04:43	0° \mathcal{B}	
	-5240 Mar 08 j 05:04	0° \mathcal{H}			-5238 Aug 16 j 06:08	0° \mathcal{I}	
asc. node	-5240 Mar 14 j 19:25	8° \mathcal{H} 00'31		asc. node	-5238 Aug 30 j 17:31	17° \mathcal{I} 01'57	
	-5240 Apr 02 j 00:35	0° \mathcal{Y}			-5238 Sep 10 j 12:10	0° $\overline{3}$	
	-5240 Apr 27 j 03:59	0° \mathcal{B}			-5238 Oct 04 j 22:33	0° Ω	
	-5240 May 22 j 18:56	0° \mathcal{I}			-5238 Oct 29 j 01:12	0° η	
	-5240 Jun 18 j 06:25	0° $\overline{3}$			-5238 Nov 22 j 03:01	0° $\underline{\Omega}$	
desc. node	-5240 Jul 04 j 19:45	17° $\overline{3}$ 51'06			-5238 Dec 16 j 07:10	0° \mathcal{M}	
evening max el	-5240 Jul 16 j 03:30	29° $\overline{3}$ 22'34	46°59'59	desc. node	-5238 Dec 20 j 17:47	5° \mathcal{M} 29'51	
	-5240 Jul 16 j 18:44	0° Ω			-5237 Jan 09 j 14:05	0° \mathcal{A}	
greatest brilliancy	-5240 Aug 25 j 01:40	29° Ω 33'58	-4.7m	morning set	-5237 Jan 14 j 10:13	5° \mathcal{A} 57'46	
	-5240 Aug 26 j 07:03	0° η			-5237 Feb 02 j 22:56	0° $\overline{3}$	
retrograde	-5240 Sep 04 j 11:58	1° η 36'26					
	-5240 Sep 13 j 09:17	30° \mathcal{R} Ω		superior conj	-5237 Feb 21 j 22:47	23° $\overline{3}$ 20'36	-1°-21'-31
evening set	-5240 Sep 20 j 23:51	26° Ω 21'47		minimum elong	-5237 Feb 22 j 02:05	23° $\overline{3}$ 30'44	1°21'47
inferior conj	-5240 Sep 25 j 02:54	23° Ω 54'00	-6°-53'-13	max. Earth dist.	-5237 Feb 22 j 13:16	24° $\overline{3}$ 05'05	1.73564 AU
minimum elong	-5240 Sep 25 j 13:34	23° Ω 37'45	6°50'49		-5237 Feb 27 j 08:50	0° \approx	
min. Earth dist.	-5240 Sep 25 j 06:04	23° Ω 49'10	0.26470 AU		-5237 Mar 23 j 19:25	0° \mathcal{H}	
morning rise	-5240 Sep 30 j 03:11	20° Ω 56'11		evening rise	-5237 Mar 30 j 12:45	8° \mathcal{H} 14'50	
direct	-5240 Oct 15 j 08:17	16° Ω 19'03		asc. node	-5237 Apr 12 j 08:02	23° \mathcal{H} 56'37	
asc. node	-5240 Oct 25 j 13:39	18° Ω 18'53			-5237 Apr 17 j 06:39	0° \mathcal{Y}	
greatest brilliancy	-5240 Oct 27 j 13:16	19° Ω 06'58	-4.7m		-5237 May 11 j 18:49	0° \mathcal{B}	
	-5240 Nov 13 j 15:13	0° η			-5237 Jun 05 j 08:30	0° \mathcal{I}	
morning max el	-5240 Dec 04 j 18:20	19° η 23'41	46°37'03		-5237 Jun 30 j 01:18	0° $\overline{3}$	
	-5240 Dec 14 j 23:55	0° $\underline{\Omega}$			-5237 Jul 25 j 00:23	0° Ω	
	-5239 Jan 11 j 04:25	0° \mathcal{M}		desc. node	-5237 Aug 02 j 07:20	9° Ω 51'00	
	-5239 Feb 06 j 05:50	0° \mathcal{A}			-5237 Aug 19 j 11:55	0° η	
desc. node	-5239 Feb 14 j 15:56	9° \mathcal{A} 50'22			-5237 Sep 15 j 02:41	0° $\underline{\Omega}$	
	-5239 Mar 03 j 18:57	0° $\overline{3}$		evening max el	-5237 Sep 27 j 21:40	13° $\underline{\Omega}$ 30'17	47°36'22
	-5239 Mar 28 j 23:40	0° \approx			-5237 Oct 15 j 06:10	0° \mathcal{M}	
	-5239 Apr 22 j 20:59	0° \mathcal{H}		greatest brilliancy	-5237 Nov 04 j 14:57	14° \mathcal{M} 09'34	-4.7m
	-5239 May 17 j 11:15	0° \mathcal{Y}		retrograde	-5237 Nov 18 j 01:33	17° \mathcal{M} 32'37	
morning set	-5239 Jun 02 j 04:28	19° \mathcal{Y} 21'04		asc. node	-5237 Nov 23 j 00:51	17° \mathcal{M} 01'12	
asc. node	-5239 Jun 07 j 07:19	25° \mathcal{Y} 41'02		evening set	-5237 Dec 02 j 21:43	13° \mathcal{M} 01'43	
	-5239 Jun 10 j 18:54	0° \mathcal{B}		min. Earth dist.	-5237 Dec 07 j 20:07	10° \mathcal{M} 02'00	0.27464 AU
max. Earth dist.	-5239 Jul 04 j 16:24	29° \mathcal{B} 46'09	1.71900 AU	inferior conj	-5237 Dec 08 j 21:45	9° \mathcal{M} 21'25	3°47'22
	-5239 Jul 04 j 20:50	0° \mathcal{I}		minimum elong	-5237 Dec 08 j 14:25	9° \mathcal{M} 33'01	3°45'11
				morning rise	-5237 Dec 14 j 08:11	6° \mathcal{M} 03'06	
superior conj	-5239 Jul 08 j 18:36	4° \mathcal{I} 53'26	1°04'49	direct	-5237 Dec 29 j 13:22	1° \mathcal{M} 26'48	
minimum elong	-5239 Jul 08 j 09:42	4° \mathcal{I} 25'32	1°04'48	greatest brilliancy	-5236 Jan 09 j 03:32	3° \mathcal{M} 32'24	-4.6m
	-5239 Jul 28 j 18:50	0° $\overline{3}$			-5236 Feb 14 j 12:35	0° \mathcal{A}	
evening rise	-5239 Aug 15 j 15:35	22° $\overline{3}$ 28'01		morning max el	-5236 Feb 16 j 14:49	1° \mathcal{A} 59'42	46°01'37

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5236 Mar 14 j 03:20	29° ♁ 14'33		-5234 Aug 31 j 04:47	0° ♁	
	-5236 Mar 14 j 20:10	0° ♁		-5234 Sep 24 j 17:34	0° ♁	
	-5236 Apr 10 j 18:48	0° ♁		-5234 Oct 19 j 16:50	0° ♁	
	-5236 May 06 j 15:16	0° ♁		-5234 Nov 14 j 14:14	0° ♁	
	-5236 May 31 j 18:46	0° ♁		evening max el	-5234 Dec 07 j 13:45	24° ♁ 39'46 46°22'45
	-5236 Jun 25 j 09:20	0° ♁			-5234 Dec 12 j 23:24	0° ♁
asc. node	-5236 Jul 04 j 19:44	11° ♁ 38'51		asc. node	-5234 Dec 20 j 12:03	7° ♁ 00'18
	-5236 Jul 19 j 13:48	0° ♁		greatest brilliancy	-5233 Jan 11 j 12:08	22° ♁ 56'28 -4.5m
greatest brilliancy	-5236 Aug 02 j 07:29	17° ♁ 12'45	-3.9m	retrograde	-5233 Jan 26 j 13:52	27° ♁ 02'07
morning set	-5236 Aug 11 j 08:21	28° ♁ 35'11		evening set	-5233 Feb 13 j 08:36	20° ♁ 56'07
	-5236 Aug 12 j 11:16	0° ♁		inferior conj	-5233 Feb 17 j 00:18	18° ♁ 37'29 8°10'18
	-5236 Sep 05 j 05:22	0° ♁		minimum elong	-5233 Feb 17 j 01:49	18° ♁ 35'04 8°09'58
				min. Earth dist.	-5233 Feb 16 j 22:41	18° ♁ 40'05 0.29336 AU
superior conj	-5236 Sep 20 j 02:18	18° ♁ 47'37	1°08'54	morning rise	-5233 Feb 20 j 19:09	16° ♁ 13'58
minimum elong	-5236 Sep 20 j 12:58	19° ♁ 21'18	1°08'49	direct	-5233 Mar 10 j 14:43	10° ♁ 11'17
max. Earth dist.	-5236 Sep 22 j 16:03	22° ♁ 02'31	1.70822 AU	greatest brilliancy	-5233 Mar 22 j 23:47	12° ♁ 52'59 -4.5m
	-5236 Sep 28 j 23:26	0° ♁		desc. node	-5233 Apr 11 j 14:35	25° ♁ 07'11
	-5236 Oct 22 j 19:45	0° ♁			-5233 Apr 17 j 12:47	0° ♁
desc. node	-5236 Oct 24 j 18:36	2° ♁ 26'51		morning max el	-5233 Apr 28 j 09:38	9° ♁ 51'24 45°51'25
evening rise	-5236 Nov 01 j 16:54	12° ♁ 22'47			-5233 May 18 j 07:38	0° ♁
	-5236 Nov 15 j 19:29	0° ♁			-5233 Jun 14 j 10:01	0° ♁
	-5236 Dec 09 j 23:08	0° ♁			-5233 Jul 10 j 00:02	0° ♁
	-5235 Jan 03 j 07:49	0° ♁		asc. node	-5233 Aug 02 j 07:52	28° ♁ 18'45
	-5235 Jan 28 j 00:10	0° ♁			-5233 Aug 03 j 16:47	0° ♁
asc. node	-5235 Feb 14 j 09:14	20° ♁ 46'35			-5233 Aug 27 j 20:16	0° ♁
	-5235 Feb 22 j 04:57	0° ♁			-5233 Sep 20 j 16:44	0° ♁
	-5235 Mar 20 j 06:19	0° ♁			-5233 Oct 14 j 11:22	0° ♁
	-5235 Apr 16 j 22:27	0° ♁		morning set	-5233 Oct 27 j 08:37	16° ♁ 13'33
evening max el	-5235 May 01 j 05:03	14° ♁ 12'33	45°27'10		-5233 Nov 07 j 07:46	0° ♁
	-5235 May 19 j 07:58	0° ♁		desc. node	-5233 Nov 22 j 07:18	18° ♁ 45'14
desc. node	-5235 Jun 06 j 10:39	11° ♁ 08'33			-5233 Dec 01 j 07:31	0° ♁
greatest brilliancy	-5235 Jun 07 j 15:49	11° ♁ 37'47	-4.5m			
retrograde	-5235 Jun 19 j 00:54	13° ♁ 55'13		superior conj	-5233 Dec 08 j 15:25	9° ♁ 07'50 0°-36'-29
evening set	-5235 Jul 05 j 00:37	9° ♁ 09'27		minimum elong	-5233 Dec 08 j 06:38	8° ♁ 40'28 0°36'17
inferior conj	-5235 Jul 10 j 01:47	6° ♁ 12'01	-7°-2'-3	max. Earth dist.	-5233 Dec 13 j 10:09	15° ♁ 04'34 1.72094 AU
minimum elong	-5235 Jul 09 j 15:32	6° ♁ 27'30	6°59'54		-5233 Dec 25 j 10:41	0° ♁
min. Earth dist.	-5235 Jul 10 j 07:41	6° ♁ 03'06	0.27484 AU	evening rise	-5232 Jan 17 j 23:12	29° ♁ 05'28
morning rise	-5235 Jul 14 j 06:04	3° ♁ 42'56			-5232 Jan 18 j 16:53	0° ♁
	-5235 Jul 22 j 00:12	30° ♁			-5232 Feb 12 j 02:25	0° ♁
direct	-5235 Jul 31 j 03:10	28° ♁ 20'45			-5232 Mar 07 j 16:20	0° ♁
	-5235 Aug 09 j 13:36	0° ♁		asc. node	-5232 Mar 13 j 21:37	7° ♁ 32'43
greatest brilliancy	-5235 Aug 14 j 02:32	1° ♁ 50'59	-4.6m		-5232 Apr 01 j 12:20	0° ♁
	-5235 Sep 18 j 09:24	0° ♁			-5232 Apr 26 j 16:35	0° ♁
morning max el	-5235 Sep 19 j 16:55	1° ♁ 20'00	46°49'00		-5232 May 22 j 08:58	0° ♁
asc. node	-5235 Sep 27 j 04:50	9° ♁ 09'57			-5232 Jun 17 j 23:17	0° ♁
	-5235 Oct 15 j 23:08	0° ♁		desc. node	-5232 Jul 03 j 21:52	17° ♁ 04'03
	-5235 Nov 10 j 12:04	0° ♁		evening max el	-5232 Jul 13 j 16:28	26° ♁ 58'02 46°57'08
	-5235 Dec 05 j 09:26	0° ♁			-5232 Jul 16 j 19:15	0° ♁
	-5235 Dec 30 j 02:46	0° ♁		greatest brilliancy	-5232 Aug 22 j 13:43	27° ♁ 04'23 -4.7m
desc. node	-5234 Jan 17 j 06:03	22° ♁ 01'19		retrograde	-5232 Sep 02 j 00:32	29° ♁ 06'58
	-5234 Jan 23 j 19:42	0° ♁		evening set	-5232 Sep 18 j 15:19	23° ♁ 47'17
	-5234 Feb 17 j 12:16	0° ♁		inferior conj	-5232 Sep 22 j 14:58	21° ♁ 24'37 -7°-8'-36
	-5234 Mar 14 j 03:24	0° ♁		minimum elong	-5232 Sep 23 j 01:30	21° ♁ 08'38 7°06'19
morning set	-5234 Mar 25 j 08:11	13° ♁ 40'47		min. Earth dist.	-5232 Sep 22 j 18:26	21° ♁ 19'21 0.26488 AU
	-5234 Apr 07 j 16:13	0° ♁		morning rise	-5232 Sep 27 j 11:37	18° ♁ 32'22
max. Earth dist.	-5234 Apr 26 j 21:05	23° ♁ 34'58	1.73501 AU	direct	-5232 Oct 12 j 21:01	13° ♁ 49'33
				asc. node	-5232 Oct 24 j 15:55	16° ♁ 27'17
superior conj	-5234 Apr 30 j 02:03	27° ♁ 31'48	0°-22'-35	greatest brilliancy	-5232 Oct 25 j 03:01	16° ♁ 39'11 -4.7m
minimum elong	-5234 Apr 30 j 06:18	27° ♁ 44'52	0°22'26		-5232 Nov 14 j 04:17	0° ♁
	-5234 May 02 j 02:12	0° ♁		morning max el	-5232 Dec 02 j 08:53	17° ♁ 01'17 46°38'03
asc. node	-5234 May 09 j 20:51	9° ♁ 35'07			-5232 Dec 14 j 19:28	0° ♁
	-5234 May 26 j 09:19	0° ♁			-5231 Jan 10 j 19:41	0° ♁
evening rise	-5234 Jun 04 j 15:43	11° ♁ 28'31			-5231 Feb 05 j 19:08	0° ♁
	-5234 Jun 19 j 14:02	0° ♁		desc. node	-5231 Feb 13 j 17:59	9° ♁ 18'33
	-5234 Jul 13 j 17:33	0° ♁			-5231 Mar 03 j 07:09	0° ♁
	-5234 Aug 06 j 21:42	0° ♁			-5231 Mar 28 j 11:11	0° ♁
desc. node	-5234 Aug 29 j 19:28	28° ♁ 17'33			-5231 Apr 22 j 08:05	0° ♁

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5231 May 16 j 22:10	0°Υ		retrograde	-5229 Nov 15 j 16:35	15°ℳ11'06	
morning set	-5231 May 30 j 22:38	17°Υ15'30		asc. node	-5229 Nov 22 j 02:55	14°ℳ18'42	
asc. node	-5231 Jun 06 j 09:22	25°Υ13'49		evening set	-5229 Nov 30 j 11:20	10°ℳ43'07	
	-5231 Jun 10 j 05:44	0°Ϡ		min. Earth dist.	-5229 Dec 05 j 11:16	7°ℳ41'09	0.27385 AU
max. Earth dist.	-5231 Jul 02 j 06:11	27°Ϡ25'17	1.71958 AU	inferior conj	-5229 Dec 06 j 12:27	7°ℳ01'16	3°28'01
	-5231 Jul 04 j 07:41	0°Π		minimum elong	-5229 Dec 06 j 05:37	7°ℳ12'06	3°25'57
				morning rise	-5229 Dec 12 j 00:58	3°ℳ40'01	
superior conj	-5231 Jul 06 j 11:06	2°Π40'50	1°02'41		-5229 Dec 20 j 15:37	30°℞	
minimum elong	-5231 Jul 06 j 02:09	2°Π12'49	1°02'38	direct	-5229 Dec 27 j 03:22	29°♁08'13	
	-5231 Jul 28 j 05:46	0°☿			-5228 Jan 02 j 20:01	0°ℳ	
evening rise	-5231 Aug 13 j 04:35	20°☿03'16		greatest brilliancy	-5228 Jan 06 j 17:06	1°ℳ13'15	-4.6m
	-5231 Aug 21 j 02:25	0°♁		morning max el	-5228 Feb 14 j 04:37	29°ℳ42'46	46°02'26
	-5231 Sep 14 j 00:05	0°♊			-5228 Feb 14 j 11:46	0°♊	
desc. node	-5231 Sep 26 j 08:03	15°♊25'30		desc. node	-5228 Mar 13 j 05:37	28°♊37'06	
	-5231 Oct 08 j 00:35	0°♋			-5228 Mar 14 j 12:10	0°♋	
	-5231 Nov 01 j 05:24	0°ℳ			-5228 Apr 10 j 08:16	0°≈	
	-5231 Nov 25 j 16:49	0°♌			-5228 May 06 j 03:31	0°♌	
	-5231 Dec 20 j 16:11	0°♍			-5228 May 31 j 06:21	0°Υ	
	-5230 Jan 15 j 15:20	0°≈			-5228 Jun 24 j 20:33	0°Ϡ	
asc. node	-5230 Jan 16 j 23:26	1°≈29'47		asc. node	-5228 Jul 03 j 21:49	11°♊10'45	
	-5230 Feb 12 j 21:21	0°♌			-5228 Jul 19 j 00:51	0°Π	
evening max el	-5230 Feb 16 j 12:36	3°♌32'15	45°10'08	greatest brilliancy	-5228 Aug 02 j 06:38	17°Π50'47	-3.9m
greatest brilliancy	-5230 Mar 22 j 15:09	29°♌22'00	-4.5m	morning set	-5228 Aug 08 j 21:39	26°Π11'04	
	-5230 Mar 24 j 02:05	0°Υ			-5228 Aug 11 j 22:19	0°☿	
retrograde	-5230 Apr 05 j 16:32	2°Υ46'04			-5228 Sep 04 j 16:27	0°♁	
	-5230 Apr 17 j 14:50	30°℞					
evening set	-5230 Apr 21 j 02:18	28°♌14'58		superior conj	-5228 Sep 17 j 12:31	16°♁13'19	1°11'03
inferior conj	-5230 Apr 27 j 01:37	24°♌41'29	2°42'29	minimum elong	-5228 Sep 17 j 22:44	16°♁45'34	1°11'00
minimum elong	-5230 Apr 27 j 07:12	24°♌32'49	2°40'56	max. Earth dist.	-5228 Sep 19 j 14:51	18°♁52'14	1.70815 AU
min. Earth dist.	-5230 Apr 27 j 21:33	24°♌10'35	0.28897 AU		-5228 Sep 28 j 10:33	0°♊	
morning rise	-5230 May 03 j 11:34	20°♌52'10			-5228 Oct 22 j 06:54	0°♋	
desc. node	-5230 May 09 j 01:36	18°♌15'01		desc. node	-5228 Oct 23 j 20:43	1°♋58'31	
direct	-5230 May 18 j 21:45	16°♌21'15		evening rise	-5228 Oct 30 j 01:11	9°♋43'33	
greatest brilliancy	-5230 Jun 02 j 14:05	20°♌06'06	-4.5m		-5228 Nov 15 j 06:39	0°ℳ	
	-5230 Jun 18 j 01:35	0°Υ			-5228 Dec 09 j 10:23	0°♌	
morning max el	-5230 Jul 07 j 11:54	17°Υ15'50	46°17'34		-5227 Jan 02 j 19:14	0°♍	
	-5230 Jul 19 j 23:25	0°Ϡ			-5227 Jan 27 j 11:59	0°≈	
	-5230 Aug 15 j 20:51	0°Π		asc. node	-5227 Feb 13 j 11:26	20°≈16'36	
asc. node	-5230 Aug 29 j 19:41	16°Π27'32			-5227 Feb 21 j 17:37	0°♌	
	-5230 Sep 10 j 01:15	0°☿			-5227 Mar 19 j 20:50	0°Υ	
	-5230 Oct 04 j 10:48	0°♁			-5227 Apr 16 j 17:25	0°Ϡ	
	-5230 Oct 28 j 12:59	0°♊		evening max el	-5227 Apr 28 j 18:20	11°♊54'11	45°24'53
	-5230 Nov 21 j 14:27	0°♋			-5227 May 19 j 23:20	0°Π	
desc. node	-5230 Dec 15 j 18:20	0°ℳ		greatest brilliancy	-5227 Jun 05 j 02:45	9°Π15'42	-4.5m
	-5230 Dec 19 j 19:48	5°ℳ01'39		desc. node	-5227 Jun 05 j 12:45	9°Π25'13	
	-5229 Jan 09 j 01:02	0°♌		retrograde	-5227 Jun 16 j 13:39	11°Π35'19	
morning set	-5229 Jan 11 j 23:34	3°♌37'19		evening set	-5227 Jul 02 j 10:15	6°Π53'54	
	-5229 Feb 02 j 09:45	0°♍		inferior conj	-5227 Jul 07 j 15:11	3°Π51'37	-6°-47'-35
				minimum elong	-5227 Jul 07 j 04:47	4°Π07'19	6°45'19
superior conj	-5229 Feb 19 j 15:37	21°♍11'46	-1°-22'-3	min. Earth dist.	-5227 Jul 07 j 21:42	3°Π41'47	0.27529 AU
minimum elong	-5229 Feb 19 j 18:15	21°♍19'52	1°22'20	morning rise	-5227 Jul 11 j 22:51	1°Π17'44	
max. Earth dist.	-5229 Feb 20 j 11:12	22°♍11'54	1.73538 AU		-5227 Jul 14 j 07:30	30°℞	
	-5229 Feb 26 j 19:36	0°≈		direct	-5227 Jul 28 j 16:42	25°♊59'07	
	-5229 Mar 23 j 06:11	0°♌		greatest brilliancy	-5227 Aug 11 j 19:19	29°♊32'25	-4.6m
evening rise	-5229 Mar 28 j 07:22	6°♌11'37			-5227 Aug 12 j 17:58	0°Π	
asc. node	-5229 Apr 11 j 10:14	23°♌30'06		morning max el	-5227 Sep 17 j 06:11	28°Π53'48	46°48'34
	-5229 Apr 16 j 17:34	0°Υ			-5227 Sep 18 j 08:04	0°☿	
	-5229 May 11 j 06:00	0°Ϡ		asc. node	-5227 Sep 26 j 07:07	8°☿22'33	
	-5229 Jun 04 j 20:11	0°Π			-5227 Oct 15 j 15:33	0°♁	
	-5229 Jun 29 j 13:44	0°☿			-5227 Nov 10 j 02:10	0°♊	
	-5229 Jul 24 j 13:53	0°♁			-5227 Dec 04 j 22:19	0°♋	
desc. node	-5229 Aug 01 j 09:25	9°♁15'56			-5227 Dec 29 j 14:53	0°ℳ	
	-5229 Aug 19 j 03:12	0°♊		desc. node	-5226 Jan 16 j 08:10	21°ℳ32'10	
	-5229 Sep 14 j 21:46	0°♋			-5226 Jan 23 j 07:17	0°♌	
evening max el	-5229 Sep 25 j 13:17	11°♋10'38	47°37'19		-5226 Feb 16 j 23:26	0°♍	
	-5229 Oct 15 j 16:06	0°ℳ			-5226 Mar 13 j 14:19	0°≈	
greatest brilliancy	-5229 Nov 02 j 09:42	11°ℳ52'40	-4.7m	morning set	-5226 Mar 23 j 02:51	11°≈38'01	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5226 Apr 07 j 02:59	0° H		morning rise	-5224 Sep 24 j 19:39	16° Ω 07'04	
max. Earth dist.	-5226 Apr 24 j 19:36	21° H 43'27	1.73538 AU	direct	-5224 Oct 10 j 09:56	11° Ω 18'41	
				greatest brilliancy	-5224 Oct 22 j 15:48	14° Ω 08'48	-4.7m
superior conj	-5226 Apr 27 j 21:26	25° H 30'35	0°-25'-27	asc. node	-5224 Oct 23 j 17:59	14° Ω 38'27	
minimum elong	-5226 Apr 28 j 02:10	25° H 45'09	0°25'17		-5224 Nov 14 j 14:30	0° M	
	-5226 May 01 j 12:58	0° Y		morning max el	-5224 Nov 29 j 23:03	14° M 36'52	46°39'07
asc. node	-5226 May 08 j 22:53	9° Y 08'04			-5224 Dec 14 j 14:47	0° Ω	
	-5226 May 25 j 20:13	0° B			-5223 Jan 10 j 10:59	0° M	
evening rise	-5226 Jun 02 j 10:51	9° B 25'13			-5223 Feb 05 j 08:34	0° A	
	-5226 Jun 19 j 01:09	0° II		desc. node	-5223 Feb 12 j 20:11	8° A 46'39	
	-5226 Jul 13 j 04:56	0° S			-5223 Mar 02 j 19:30	0° S	
	-5226 Aug 06 j 09:28	0° Ω			-5223 Mar 27 j 22:53	0° \approx	
desc. node	-5226 Aug 28 j 21:41	27° Ω 46'48			-5223 Apr 21 j 19:23	0° H	
	-5226 Aug 30 j 17:02	0° M			-5223 May 16 j 09:15	0° Y	
	-5226 Sep 24 j 06:33	0° Ω		morning set	-5223 May 28 j 17:23	15° Y 11'17	
	-5226 Oct 19 j 06:58	0° M		asc. node	-5223 Jun 05 j 11:31	24° Y 46'24	
	-5226 Nov 14 j 06:46	0° A			-5223 Jun 09 j 16:44	0° B	
evening max el	-5226 Dec 05 j 05:12	22° A 23'48	46°26'13	max. Earth dist.	-5223 Jun 29 j 19:50	25° B 03'31	1.72024 AU
	-5226 Dec 12 j 23:30	0° S			-5223 Jul 03 j 18:44	0° II	
asc. node	-5226 Dec 19 j 14:14	6° S 02'28					
greatest brilliancy	-5225 Jan 09 j 04:32	20° S 46'21	-4.5m	superior conj	-5223 Jul 04 j 04:07	0° II 29'20	1°00'28
retrograde	-5225 Jan 24 j 07:41	24° S 54'13		minimum elong	-5223 Jul 03 j 19:10	0° II 01'21	1°00'24
evening set	-5225 Feb 11 j 01:49	18° S 47'42			-5223 Jul 27 j 16:58	0° S	
inferior conj	-5225 Feb 14 j 17:32	16° S 29'10	8°11'55	evening rise	-5223 Aug 10 j 17:54	17° S 38'36	
minimum elong	-5225 Feb 14 j 18:24	16° S 27'48	8°11'37		-5223 Aug 20 j 13:49	0° Ω	
min. Earth dist.	-5225 Feb 14 j 14:26	16° S 34'08	0.29305 AU		-5223 Sep 13 j 11:42	0° M	
morning rise	-5225 Feb 18 j 11:05	14° S 07'48		desc. node	-5223 Sep 25 j 10:06	14° M 55'22	
direct	-5225 Mar 08 j 07:05	8° S 03'22			-5223 Oct 07 j 12:26	0° Ω	
greatest brilliancy	-5225 Mar 20 j 14:43	10° S 43'53	-4.5m		-5223 Oct 31 j 17:31	0° M	
desc. node	-5225 Apr 10 j 16:41	24° S 06'28			-5223 Nov 25 j 05:24	0° A	
	-5225 Apr 17 j 16:01	0° \approx			-5223 Dec 20 j 05:39	0° S	
morning max el	-5225 Apr 26 j 02:38	7° \approx 44'43	45°51'07		-5222 Jan 15 j 06:51	0° \approx	
	-5225 May 18 j 00:27	0° H		asc. node	-5222 Jan 16 j 01:42	0° \approx 52'30	
	-5225 Jun 13 j 23:53	0° Y			-5222 Feb 12 j 18:48	0° H	
	-5225 Jul 09 j 12:39	0° B		evening max el	-5222 Feb 14 j 04:41	1° H 21'49	45°11'23
asc. node	-5225 Aug 01 j 10:04	27° B 48'32		greatest brilliancy	-5222 Mar 20 j 07:05	27° H 13'32	-4.5m
	-5225 Aug 03 j 04:47	0° II			-5222 Mar 28 j 11:46	0° Y	
	-5225 Aug 27 j 07:56	0° S		retrograde	-5222 Apr 03 j 08:21	0° Y 37'51	
	-5225 Sep 20 j 04:12	0° Ω			-5222 Apr 09 j 00:58	30° R H	
	-5225 Oct 13 j 22:44	0° M		evening set	-5222 Apr 18 j 20:37	26° H 04'04	
morning set	-5225 Oct 24 j 18:16	13° M 37'16		inferior conj	-5222 Apr 24 j 18:03	22° H 32'42	3°00'31
	-5225 Nov 06 j 19:04	0° Ω		minimum elong	-5222 Apr 25 j 00:10	22° H 23'12	2°58'50
desc. node	-5225 Nov 21 j 09:16	18° Ω 16'15		min. Earth dist.	-5222 Apr 25 j 14:10	22° H 01'25	0.28936 AU
	-5225 Nov 30 j 18:45	0° M		morning rise	-5222 May 01 j 03:10	18° H 43'51	
				desc. node	-5222 May 08 j 03:41	15° H 35'40	
superior conj	-5225 Dec 06 j 01:29	6° M 34'51	0°-32'-59	direct	-5222 May 16 j 14:27	14° H 11'54	
minimum elong	-5225 Dec 05 j 17:19	6° M 09'25	0°32'48	greatest brilliancy	-5222 May 31 j 04:20	17° H 53'21	-4.5m
max. Earth dist.	-5225 Dec 10 j 20:43	12° M 33'26	1.72034 AU		-5222 Jun 18 j 11:49	0° Y	
	-5225 Dec 24 j 21:51	0° A		morning max el	-5222 Jul 05 j 02:56	15° Y 00'38	46°16'15
evening rise	-5224 Jan 15 j 13:16	26° A 46'30			-5222 Jul 19 j 17:49	0° B	
	-5224 Jan 18 j 04:01	0° S			-5222 Aug 15 j 11:36	0° II	
	-5224 Feb 11 j 13:36	0° \approx		asc. node	-5222 Aug 28 j 21:56	15° II 52'53	
	-5224 Mar 07 j 03:44	0° H			-5222 Sep 09 j 14:32	0° S	
asc. node	-5224 Mar 12 j 23:51	7° H 04'46			-5222 Oct 03 j 23:22	0° Ω	
	-5224 Apr 01 j 00:13	0° Y			-5222 Oct 28 j 01:08	0° M	
	-5224 Apr 26 j 05:19	0° B			-5222 Nov 21 j 02:18	0° Ω	
	-5224 May 21 j 23:16	0° II			-5222 Dec 15 j 05:55	0° M	
	-5224 Jun 17 j 16:42	0° S		desc. node	-5222 Dec 18 j 21:58	4° M 32'38	
desc. node	-5224 Jul 02 j 23:58	16° S 15'27			-5221 Jan 08 j 12:24	0° A	
evening max el	-5224 Jul 11 j 06:22	24° S 35'04	46°53'54	morning set	-5221 Jan 09 j 12:25	1° A 14'03	
	-5224 Jul 16 j 21:25	0° Ω			-5221 Feb 01 j 20:56	0° S	
greatest brilliancy	-5224 Aug 20 j 01:38	24° Ω 33'27	-4.7m				
retrograde	-5224 Aug 30 j 12:54	26° Ω 35'44		superior conj	-5221 Feb 17 j 08:15	19° S 01'16	-1°-22'-28
evening set	-5224 Sep 16 j 06:39	21° Ω 11'21		minimum elong	-5221 Feb 17 j 10:13	19° S 07'17	1°22'46
inferior conj	-5224 Sep 20 j 02:51	18° Ω 53'40	-7°-23'-9	max. Earth dist.	-5221 Feb 18 j 08:15	20° S 14'58	1.73505 AU
minimum elong	-5224 Sep 20 j 13:10	18° Ω 38'01	7°21'02		-5221 Feb 26 j 06:42	0° \approx	
min. Earth dist.	-5224 Sep 20 j 06:31	18° Ω 48'06	0.26505 AU		-5221 Mar 22 j 17:18	0° H	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5221 Mar 26 j 01:59	4° Υ 07'26			-5219 Aug 14 j 14:47	0° Π	
asc. node	-5221 Apr 10 j 12:16	23° Υ 02'04		morning max el	-5219 Sep 14 j 20:31	26° Π 30'24	46°48'12
	-5221 Apr 16 j 04:48	0° Υ			-5219 Sep 18 j 05:57	0° Θ	
	-5221 May 10 j 17:31	0° Υ		asc. node	-5219 Sep 25 j 09:09	7° Θ 34'57	
	-5221 Jun 04 j 08:10	0° Π			-5219 Oct 15 j 07:46	0° Ω	
	-5221 Jun 29 j 02:25	0° Θ			-5219 Nov 09 j 16:13	0° η	
	-5221 Jul 24 j 03:42	0° Ω			-5219 Dec 04 j 11:15	0° $\underline{\Omega}$	
desc. node	-5221 Jul 31 j 11:40	8° Ω 40'31			-5219 Dec 29 j 03:10	0° \mathbb{M}	
	-5221 Aug 18 j 18:56	0° η		desc. node	-5218 Jan 15 j 10:20	21° \mathbb{M} 02'29	
	-5221 Sep 14 j 17:46	0° $\underline{\Omega}$			-5218 Jan 22 j 19:05	0° \mathcal{X}	
evening max el	-5221 Sep 23 j 03:44	8° $\underline{\Omega}$ 46'46	47°37'46		-5218 Feb 16 j 10:53	0° \mathcal{Z}	
	-5221 Oct 16 j 06:13	0° \mathbb{M}			-5218 Mar 13 j 01:29	0° \approx	
greatest brilliancy	-5221 Oct 31 j 04:12	9° \mathbb{M} 33'06	-4.7m	morning set	-5218 Mar 20 j 21:02	9° \approx 32'53	
retrograde	-5221 Nov 13 j 06:54	12° \mathbb{M} 46'54			-5218 Apr 06 j 13:59	0° Υ	
asc. node	-5221 Nov 21 j 05:08	11° \mathbb{M} 27'37		max. Earth dist.	-5218 Apr 22 j 18:58	19° Υ 53'57	1.73567 AU
evening set	-5221 Nov 28 j 00:42	8° \mathbb{M} 21'26					
min. Earth dist.	-5221 Dec 03 j 02:34	5° \mathbb{M} 16'55	0.27312 AU	superior conj	-5218 Apr 25 j 16:27	23° Υ 27'37	0°-28'-18
inferior conj	-5221 Dec 04 j 02:49	4° \mathbb{M} 38'30	3°07'56	minimum elong	-5218 Apr 25 j 21:39	23° Υ 43'39	0°28'08
minimum elong	-5221 Dec 03 j 20:32	4° \mathbb{M} 48'28	3°05'59		-5218 Apr 30 j 23:57	0° Υ	
morning rise	-5221 Dec 09 j 17:20	1° \mathbb{M} 14'21		asc. node	-5218 May 08 j 01:00	8° Υ 40'47	
	-5221 Dec 12 j 01:41	30° \mathbb{R} $\underline{\Omega}$			-5218 May 25 j 07:17	0° Υ	
direct	-5221 Dec 24 j 16:29	26° $\underline{\Omega}$ 46'42		evening rise	-5218 May 31 j 05:53	7° \mathcal{X} 21'13	
greatest brilliancy	-5220 Jan 04 j 07:37	28° $\underline{\Omega}$ 52'35	-4.6m		-5218 Jun 18 j 12:25	0° Π	
	-5220 Jan 07 j 00:29	0° \mathbb{M}			-5218 Jul 12 j 16:30	0° Θ	
morning max el	-5220 Feb 11 j 17:56	27° \mathbb{M} 22'51	46°03'32		-5218 Aug 05 j 21:23	0° Ω	
	-5220 Feb 14 j 10:39	0° \mathcal{X}		desc. node	-5218 Aug 27 j 23:45	27° Ω 15'10	
desc. node	-5220 Mar 12 j 07:44	27° \mathcal{X} 58'19			-5218 Aug 30 j 05:27	0° η	
	-5220 Mar 14 j 04:21	0° \mathcal{Z}			-5218 Sep 23 j 19:39	0° $\underline{\Omega}$	
	-5220 Apr 09 j 21:59	0° \approx			-5218 Oct 18 j 21:16	0° \mathbb{M}	
	-5220 May 05 j 16:00	0° Υ			-5218 Nov 13 j 23:38	0° \mathcal{X}	
	-5220 May 30 j 18:11	0° Υ		evening max el	-5218 Dec 02 j 21:23	20° \mathcal{X} 09'22	46°29'26
	-5220 Jun 24 j 08:01	0° Υ			-5218 Dec 13 j 00:56	0° \mathcal{Z}	
asc. node	-5220 Jul 03 j 00:02	10° \mathcal{X} 42'16		asc. node	-5218 Dec 18 j 16:27	5° \mathcal{Z} 03'00	
	-5220 Jul 18 j 12:09	0° Π		greatest brilliancy	-5217 Jan 06 j 21:15	18° \mathcal{Z} 35'50	-4.6m
greatest brilliancy	-5220 Aug 02 j 07:59	18° Π 35'05	-3.9m	retrograde	-5217 Jan 22 j 01:27	22° \mathcal{Z} 44'52	
morning set	-5220 Aug 06 j 11:38	23° Π 48'31		evening set	-5217 Feb 08 j 18:32	16° \mathcal{Z} 38'21	
	-5220 Aug 11 j 09:34	0° Θ		inferior conj	-5217 Feb 12 j 10:31	14° \mathcal{Z} 19'23	8°12'47
	-5220 Sep 04 j 03:43	0° Ω		minimum elong	-5217 Feb 12 j 10:41	14° \mathcal{Z} 19'06	8°12'31
				min. Earth dist.	-5217 Feb 12 j 05:42	14° \mathcal{Z} 27'05	0.29276 AU
superior conj	-5220 Sep 14 j 23:21	13° Ω 40'20	1°13'01	morning rise	-5217 Feb 16 j 03:01	11° \mathcal{Z} 59'47	
minimum elong	-5220 Sep 15 j 09:01	14° Ω 10'52	1°13'00	direct	-5217 Mar 05 j 23:43	5° \mathcal{Z} 54'07	
max. Earth dist.	-5220 Sep 16 j 16:47	15° Ω 51'09	1.70818 AU	greatest brilliancy	-5217 Mar 18 j 04:45	8° \mathcal{Z} 32'39	-4.5m
	-5220 Sep 27 j 21:52	0° η		desc. node	-5217 Apr 09 j 18:44	23° \mathcal{Z} 06'09	
	-5220 Oct 21 j 18:17	0° $\underline{\Omega}$			-5217 Apr 17 j 18:08	0° \approx	
desc. node	-5220 Oct 22 j 22:43	1° $\underline{\Omega}$ 29'07		morning max el	-5217 Apr 23 j 19:55	5° \approx 38'04	45°50'51
evening rise	-5220 Oct 27 j 09:38	7° $\underline{\Omega}$ 03'59			-5217 May 17 j 17:10	0° Υ	
	-5220 Nov 14 j 18:08	0° \mathbb{M}			-5217 Jun 13 j 13:46	0° Υ	
	-5220 Dec 08 j 21:59	0° \mathcal{X}			-5217 Jul 09 j 01:16	0° Υ	
	-5219 Jan 02 j 07:03	0° \mathcal{Z}		asc. node	-5217 Jul 31 j 12:13	27° \mathcal{X} 18'11	
	-5219 Jan 27 j 00:13	0° \approx			-5217 Aug 02 j 16:46	0° Π	
asc. node	-5219 Feb 12 j 13:39	19° \approx 45'22			-5217 Aug 26 j 19:35	0° Θ	
	-5219 Feb 21 j 06:44	0° Υ			-5217 Sep 19 j 15:39	0° Ω	
	-5219 Mar 19 j 11:52	0° Υ			-5217 Oct 13 j 10:04	0° η	
	-5219 Apr 16 j 13:17	0° Υ		morning set	-5217 Oct 22 j 04:18	11° η 02'13	
evening max el	-5219 Apr 26 j 08:06	9° \mathcal{X} 36'29	45°22'54		-5217 Nov 06 j 06:19	0° $\underline{\Omega}$	
	-5219 May 20 j 20:15	0° Π		desc. node	-5217 Nov 20 j 11:28	17° $\underline{\Omega}$ 48'10	
greatest brilliancy	-5219 Jun 02 j 12:48	6° Π 52'32	-4.5m		-5217 Nov 30 j 05:55	0° \mathbb{M}	
desc. node	-5219 Jun 04 j 14:58	7° Π 37'42					
retrograde	-5219 Jun 14 j 03:04	9° Π 15'32		superior conj	-5217 Dec 03 j 11:41	4° \mathbb{M} 02'23	0°-29'-26
evening set	-5219 Jun 29 j 20:14	4° Π 38'04		minimum elong	-5217 Dec 03 j 04:14	3° \mathbb{M} 39'09	0°29'16
inferior conj	-5219 Jul 05 j 04:44	1° Π 31'11	-6°-32'-27	max. Earth dist.	-5217 Dec 08 j 09:57	10° \mathbb{M} 10'41	1.71975 AU
minimum elong	-5219 Jul 04 j 18:15	1° Π 46'58	6°30'06		-5217 Dec 24 j 08:56	0° \mathcal{X}	
min. Earth dist.	-5219 Jul 05 j 11:35	1° Π 20'50	0.27571 AU	evening rise	-5216 Jan 13 j 03:24	24° \mathcal{X} 27'51	
	-5219 Jul 07 j 17:30	30° \mathbb{R} \mathcal{X}			-5216 Jan 17 j 15:05	0° \mathcal{Z}	
morning rise	-5219 Jul 09 j 15:46	28° \mathcal{X} 52'41			-5216 Feb 11 j 00:45	0° \approx	
direct	-5219 Jul 26 j 06:56	23° \mathcal{X} 37'32			-5216 Mar 06 j 15:10	0° Υ	
greatest brilliancy	-5219 Aug 09 j 12:11	27° \mathcal{X} 14'04	-4.6m	asc. node	-5216 Mar 12 j 01:51	6° Υ 35'59	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5216 Mar 31 j 12:09	0° Υ				-5214 Dec 14 j 17:09	0° \mathbb{M}	
	-5216 Apr 25 j 18:10	0° \mathcal{B}		desc. node		-5214 Dec 18 j 00:04	4° \mathbb{M} 04'26	
	-5216 May 21 j 13:44	0° \mathbb{I}		morning set		-5213 Jan 07 j 01:07	28° \mathbb{M} 51'12	
	-5216 Jun 17 j 10:26	0° \mathfrak{S}				-5213 Jan 07 j 23:25	0° \mathcal{A}	
desc. node	-5216 Jul 02 j 02:11	15° \mathfrak{S} 26'29				-5213 Feb 01 j 07:48	0° \mathfrak{C}	
evening max el	-5216 Jul 08 j 20:23	22° \mathfrak{S} 12'44	46°50'42					
	-5216 Jul 17 j 00:58	0° \mathcal{Q}		superior conj		-5213 Feb 15 j 00:54	16° \mathfrak{C} 51'47	-1°-22'-46
greatest brilliancy	-5216 Aug 17 j 13:59	22° \mathcal{Q} 03'39	-4.7m	minimum elong		-5213 Feb 15 j 02:10	16° \mathfrak{C} 55'40	1°23'04
retrograde	-5216 Aug 28 j 00:56	24° \mathcal{Q} 04'51		max. Earth dist.		-5213 Feb 16 j 03:39	18° \mathfrak{C} 14'01	1.73469 AU
evening set	-5216 Sep 13 j 21:56	18° \mathcal{Q} 36'07				-5213 Feb 25 j 17:28	0° \approx	
inferior conj	-5216 Sep 17 j 14:44	16° \mathcal{Q} 23'14	-7°-36'-46			-5213 Mar 22 j 04:04	0° \mathcal{H}	
minimum elong	-5216 Sep 18 j 00:43	16° \mathcal{Q} 08'04	7°34'49	evening rise		-5213 Mar 23 j 20:36	2° \mathcal{H} 04'19	
min. Earth dist.	-5216 Sep 17 j 18:39	16° \mathcal{Q} 17'16	0.26523 AU	asc. node		-5213 Apr 09 j 14:27	22° \mathcal{H} 35'31	
morning rise	-5216 Sep 22 j 03:30	13° \mathcal{Q} 42'17				-5213 Apr 15 j 15:43	0° Υ	
direct	-5216 Oct 07 j 22:42	8° \mathcal{Q} 48'25				-5213 May 10 j 04:45	0° \mathcal{B}	
greatest brilliancy	-5216 Oct 20 j 04:23	11° \mathcal{Q} 38'24	-4.7m			-5213 Jun 03 j 19:56	0° \mathbb{I}	
asc. node	-5216 Oct 22 j 20:12	12° \mathcal{Q} 54'18				-5213 Jun 28 j 14:58	0° \mathfrak{S}	
	-5216 Nov 14 j 21:51	0° \mathfrak{M}				-5213 Jul 23 j 17:25	0° \mathcal{Q}	
morning max el	-5216 Nov 27 j 12:30	12° \mathfrak{M} 10'57	46°40'11	desc. node		-5213 Jul 30 j 13:42	8° \mathcal{Q} 04'49	
	-5216 Dec 14 j 09:24	0° \mathfrak{A}				-5213 Aug 18 j 10:40	0° \mathfrak{M}	
	-5215 Jan 10 j 01:53	0° \mathbb{M}				-5213 Sep 14 j 14:03	0° \mathfrak{A}	
	-5215 Feb 04 j 21:41	0° \mathcal{A}		evening max el		-5213 Sep 20 j 17:29	6° \mathfrak{A} 22'02	47°38'22
desc. node	-5215 Feb 11 j 22:17	8° \mathcal{A} 15'11				-5213 Oct 17 j 00:27	0° \mathbb{M}	
	-5215 Mar 02 j 07:37	0° \mathfrak{C}		greatest brilliancy		-5213 Oct 28 j 21:48	7° \mathbb{M} 13'07	-4.7m
	-5215 Mar 27 j 10:23	0° \approx		retrograde		-5213 Nov 10 j 21:07	10° \mathbb{M} 23'40	
	-5215 Apr 21 j 06:33	0° \mathcal{H}		asc. node		-5213 Nov 20 j 07:22	8° \mathbb{M} 32'00	
	-5215 May 15 j 20:13	0° Υ		evening set		-5213 Nov 25 j 14:08	6° \mathbb{M} 00'01	
morning set	-5215 May 26 j 11:49	13° Υ 06'25		min. Earth dist.		-5213 Nov 30 j 17:50	2° \mathbb{M} 53'23	0.27242 AU
asc. node	-5215 Jun 04 j 13:44	24° Υ 19'31		inferior conj		-5213 Dec 01 j 17:07	2° \mathbb{M} 16'34	2°47'28
	-5215 Jun 09 j 03:38	0° \mathcal{B}		minimum elong		-5213 Dec 01 j 11:25	2° \mathbb{M} 25'35	2°45'39
max. Earth dist.	-5215 Jun 27 j 09:00	22° \mathcal{B} 40'46	1.72088 AU			-5213 Dec 05 j 09:07	30° \mathcal{R} \mathfrak{A}	
				morning rise		-5213 Dec 07 j 09:34	28° \mathfrak{A} 49'47	
superior conj	-5215 Jul 01 j 20:55	28° \mathcal{B} 17'43	0°58'09	direct		-5213 Dec 22 j 05:22	24° \mathfrak{A} 25'42	
minimum elong	-5215 Jul 01 j 12:02	27° \mathcal{B} 49'56	0°58'05	greatest brilliancy		-5212 Jan 01 j 22:48	26° \mathfrak{A} 33'31	-4.6m
	-5215 Jul 03 j 05:39	0° \mathbb{I}				-5212 Jan 09 j 03:53	0° \mathbb{M}	
	-5215 Jul 27 j 03:59	0° \mathfrak{S}		morning max el		-5212 Feb 09 j 07:52	25° \mathbb{M} 05'19	46°04'42
evening rise	-5215 Aug 08 j 07:11	15° \mathfrak{S} 14'34				-5212 Feb 14 j 08:14	0° \mathcal{A}	
	-5215 Aug 20 j 01:01	0° \mathcal{Q}		desc. node		-5212 Mar 11 j 09:45	27° \mathcal{A} 20'40	
	-5215 Sep 12 j 23:06	0° \mathfrak{M}				-5212 Mar 13 j 19:53	0° \mathfrak{C}	
desc. node	-5215 Sep 24 j 12:08	14° \mathfrak{M} 25'46				-5212 Apr 09 j 11:11	0° \approx	
	-5215 Oct 07 j 00:04	0° \mathfrak{A}				-5212 May 05 j 04:03	0° \mathcal{H}	
	-5215 Oct 31 j 05:27	0° \mathbb{M}				-5212 May 30 j 05:36	0° Υ	
	-5215 Nov 24 j 17:48	0° \mathcal{A}				-5212 Jun 23 j 19:08	0° \mathcal{B}	
	-5215 Dec 19 j 18:58	0° \mathfrak{C}		asc. node		-5212 Jul 02 j 02:09	10° \mathcal{B} 14'34	
	-5214 Jan 14 j 22:16	0° \approx				-5212 Jul 17 j 23:10	0° \mathbb{I}	
asc. node	-5214 Jan 15 j 03:51	0° \approx 15'31		greatest brilliancy		-5212 Aug 02 j 10:19	19° \mathbb{I} 23'16	-3.9m
evening max el	-5214 Feb 11 j 19:44	29° \approx 09'45	45°12'39	morning set		-5212 Aug 04 j 01:26	21° \mathbb{I} 26'16	
	-5214 Feb 12 j 16:42	0° \mathcal{H}				-5212 Aug 10 j 20:35	0° \mathfrak{S}	
greatest brilliancy	-5214 Mar 17 j 22:08	25° \mathcal{H} 04'41	-4.5m			-5212 Sep 03 j 14:46	0° \mathcal{Q}	
retrograde	-5214 Mar 31 j 23:52	28° \mathcal{H} 30'28						
evening set	-5214 Apr 16 j 14:54	23° \mathcal{H} 53'31		superior conj		-5212 Sep 12 j 09:52	11° \mathcal{Q} 07'00	1°14'50
inferior conj	-5214 Apr 22 j 10:27	20° \mathcal{H} 24'36	3°18'07	minimum elong		-5212 Sep 12 j 18:55	11° \mathcal{Q} 35'35	1°14'52
minimum elong	-5214 Apr 22 j 17:03	20° \mathcal{H} 14'19	3°16'20	max. Earth dist.		-5212 Sep 13 j 20:09	12° \mathcal{Q} 55'16	1.70822 AU
min. Earth dist.	-5214 Apr 23 j 06:57	19° \mathcal{H} 52'39	0.28981 AU			-5212 Sep 27 j 08:57	0° \mathfrak{M}	
morning rise	-5214 Apr 28 j 18:35	16° \mathcal{H} 36'27				-5212 Oct 21 j 05:25	0° \mathfrak{A}	
desc. node	-5214 May 07 j 05:55	13° \mathcal{H} 00'56		desc. node		-5212 Oct 22 j 00:55	1° \mathfrak{A} 01'08	
direct	-5214 May 14 j 06:43	12° \mathcal{H} 02'57		evening rise		-5212 Oct 24 j 17:43	4° \mathfrak{A} 24'09	
greatest brilliancy	-5214 May 28 j 19:35	15° \mathcal{H} 42'20	-4.5m			-5212 Nov 14 j 05:19	0° \mathbb{M}	
	-5214 Jun 18 j 19:10	0° Υ				-5212 Dec 08 j 09:16	0° \mathcal{A}	
morning max el	-5214 Jul 02 j 17:41	12° Υ 45'11	46°14'58			-5211 Jan 01 j 18:32	0° \mathfrak{C}	
	-5214 Jul 19 j 11:38	0° \mathcal{B}				-5211 Jan 26 j 12:09	0° \approx	
	-5214 Aug 15 j 02:00	0° \mathbb{I}		asc. node		-5211 Feb 11 j 15:40	19° \approx 14'32	
asc. node	-5214 Aug 27 j 23:59	15° \mathbb{I} 18'23				-5211 Feb 20 j 19:35	0° \mathcal{H}	
	-5214 Sep 09 j 03:30	0° \mathfrak{S}				-5211 Mar 19 j 02:43	0° Υ	
	-5214 Oct 03 j 11:36	0° \mathcal{Q}				-5211 Apr 16 j 09:17	0° \mathcal{B}	
	-5214 Oct 27 j 12:56	0° \mathfrak{M}		evening max el		-5211 Apr 23 j 22:48	7° \mathcal{B} 22'26	45°21'03
	-5214 Nov 20 j 13:48	0° \mathfrak{A}				-5211 May 21 j 23:50	0° \mathbb{I}	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5211 May 30 j 22:18	4° Π 30'28	-4.5m		-5209 Nov 29 j 17:02	0° \mathbb{M}	
desc. node	-5211 Jun 03 j 17:05	5° Π 47'22					
retrograde	-5211 Jun 11 j 16:52	6° Π 57'17		superior conj	-5209 Nov 30 j 21:19	1° \mathbb{M} 28'10	0°-25'-46
evening set	-5211 Jun 27 j 06:31	2° Π 23'36		minimum elong	-5209 Nov 30 j 14:39	1° \mathbb{M} 07'24	0°25'36
	-5211 Jul 01 j 10:27	30° \mathbb{R} 8		max. Earth dist.	-5209 Dec 05 j 23:36	7° \mathbb{M} 49'10	1.71916 AU
inferior conj	-5211 Jul 02 j 18:20	29° \mathbb{R} 12'06	-6°-16'-48		-5209 Dec 23 j 19:58	0° \mathbb{R}	
minimum elong	-5211 Jul 02 j 07:51	29° \mathbb{R} 27'53	6°14'20	evening rise	-5208 Jan 10 j 16:51	22° \mathbb{R} 07'12	
min. Earth dist.	-5211 Jul 03 j 01:09	29° \mathbb{R} 01'50	0.27618 AU		-5208 Jan 17 j 02:06	0° \mathbb{Z}	
morning rise	-5211 Jul 07 j 08:44	26° \mathbb{R} 29'06			-5208 Feb 10 j 11:50	0° \approx	
direct	-5211 Jul 23 j 21:48	21° \mathbb{R} 17'29			-5208 Mar 06 j 02:31	0° \mathbb{H}	
greatest brilliancy	-5211 Aug 07 j 04:34	24° \mathbb{R} 56'22	-4.6m	asc. node	-5208 Mar 11 j 04:02	6° \mathbb{H} 08'02	
	-5211 Aug 15 j 20:52	0° Π			-5208 Mar 31 j 00:02	0° \mathbb{Y}	
morning max el	-5211 Sep 12 j 11:26	24° Π 09'17	46°47'32		-5208 Apr 25 j 06:59	0° \mathbb{R}	
	-5211 Sep 18 j 02:50	0° \mathbb{S}			-5208 May 21 j 04:14	0° Π	
asc. node	-5211 Sep 24 j 11:23	6° \mathbb{S} 49'09			-5208 Jun 17 j 04:26	0° \mathbb{S}	
	-5211 Oct 14 j 23:34	0° \mathbb{Q}		desc. node	-5208 Jul 01 j 04:17	14° \mathbb{S} 36'51	
	-5211 Nov 09 j 05:59	0° \mathbb{M}		evening max el	-5208 Jul 06 j 09:51	19° \mathbb{S} 49'37	46°47'28
	-5211 Dec 03 j 23:56	0° \mathbb{A}			-5208 Jul 17 j 06:00	0° \mathbb{Q}	
	-5211 Dec 28 j 15:09	0° \mathbb{M}		greatest brilliancy	-5208 Aug 15 j 03:09	19° \mathbb{Q} 35'46	-4.7m
desc. node	-5210 Jan 14 j 12:23	20° \mathbb{M} 33'26		retrograde	-5208 Aug 25 j 12:33	21° \mathbb{Q} 35'05	
	-5210 Jan 22 j 06:34	0° \mathbb{R}		evening set	-5208 Sep 11 j 13:18	16° \mathbb{Q} 02'20	
	-5210 Feb 15 j 22:00	0° \mathbb{Z}		inferior conj	-5208 Sep 15 j 02:49	13° \mathbb{Q} 54'06	-7°-49'-20
	-5210 Mar 12 j 12:20	0° \approx		minimum elong	-5208 Sep 15 j 12:23	13° \mathbb{Q} 39'33	7°47'35
morning set	-5210 Mar 18 j 15:16	7° \approx 28'49		min. Earth dist.	-5208 Sep 15 j 07:13	13° \mathbb{Q} 47'25	0.26543 AU
	-5210 Apr 06 j 00:42	0° \mathbb{H}		morning rise	-5208 Sep 19 j 11:26	11° \mathbb{Q} 18'47	
max. Earth dist.	-5210 Apr 20 j 18:29	18° \mathbb{H} 05'48	1.73591 AU	direct	-5208 Oct 05 j 11:13	6° \mathbb{Q} 19'16	
				greatest brilliancy	-5208 Oct 17 j 17:47	9° \mathbb{Q} 09'41	-4.7m
superior conj	-5210 Apr 23 j 11:38	21° \mathbb{H} 26'07	0°-31'-6	asc. node	-5208 Oct 21 j 22:27	11° \mathbb{Q} 14'49	
minimum elong	-5210 Apr 23 j 17:18	21° \mathbb{H} 43'32	0°30'57		-5208 Nov 15 j 02:54	0° \mathbb{M}	
	-5210 Apr 30 j 10:38	0° \mathbb{Y}		morning max el	-5208 Nov 25 j 00:58	9° \mathbb{M} 42'30	46°41'01
asc. node	-5210 May 07 j 03:13	8° \mathbb{Y} 14'39			-5208 Dec 14 j 03:34	0° \mathbb{A}	
	-5210 May 24 j 18:04	0° \mathbb{R}			-5207 Jan 09 j 16:40	0° \mathbb{M}	
evening rise	-5210 May 29 j 01:12	5° \mathbb{R} 19'00			-5207 Feb 04 j 10:48	0° \mathbb{R}	
	-5210 Jun 17 j 23:24	0° Π		desc. node	-5207 Feb 11 j 00:21	7° \mathbb{R} 43'30	
	-5210 Jul 12 j 03:46	0° \mathbb{S}			-5207 Mar 01 j 19:45	0° \mathbb{Z}	
	-5210 Aug 05 j 09:05	0° \mathbb{Q}			-5207 Mar 26 j 21:55	0° \approx	
desc. node	-5210 Aug 27 j 01:49	26° \mathbb{Q} 44'02			-5207 Apr 20 j 17:42	0° \mathbb{H}	
	-5210 Aug 29 j 17:42	0° \mathbb{M}			-5207 May 15 j 07:11	0° \mathbb{Y}	
	-5210 Sep 23 j 08:42	0° \mathbb{A}		morning set	-5207 May 24 j 06:16	11° \mathbb{Y} 01'40	
	-5210 Oct 18 j 11:36	0° \mathbb{M}		asc. node	-5207 Jun 03 j 15:44	23° \mathbb{Y} 52'01	
	-5210 Nov 13 j 16:44	0° \mathbb{R}			-5207 Jun 08 j 14:33	0° \mathbb{R}	
evening max el	-5210 Nov 30 j 14:07	17° \mathbb{R} 56'27	46°32'47	max. Earth dist.	-5207 Jun 25 j 00:13	20° \mathbb{R} 24'23	1.72153 AU
	-5210 Dec 13 j 03:38	0° \mathbb{Z}					
asc. node	-5210 Dec 17 j 18:35	4° \mathbb{Z} 02'14		superior conj	-5207 Jun 29 j 14:00	26° \mathbb{R} 06'58	0°55'46
greatest brilliancy	-5209 Jan 04 j 15:15	16° \mathbb{Z} 27'20	-4.6m	minimum elong	-5207 Jun 29 j 05:13	25° \mathbb{R} 39'32	0°55'41
retrograde	-5209 Jan 19 j 19:09	20° \mathbb{Z} 35'39			-5207 Jul 02 j 16:37	0° Π	
evening set	-5209 Feb 06 j 11:02	14° \mathbb{Z} 29'48			-5207 Jul 26 j 15:04	0° \mathbb{S}	
inferior conj	-5209 Feb 10 j 03:27	12° \mathbb{Z} 09'57	8°13'10	evening rise	-5207 Aug 05 j 21:03	12° \mathbb{S} 52'20	
minimum elong	-5209 Feb 10 j 02:57	12° \mathbb{Z} 10'46	8°12'52		-5207 Aug 19 j 12:16	0° \mathbb{Q}	
min. Earth dist.	-5209 Feb 09 j 20:50	12° \mathbb{Z} 20'33	0.29238 AU		-5207 Sep 12 j 10:32	0° \mathbb{M}	
morning rise	-5209 Feb 13 j 19:05	9° \mathbb{Z} 51'43		desc. node	-5207 Sep 23 j 14:22	13° \mathbb{M} 56'48	
direct	-5209 Mar 03 j 16:36	3° \mathbb{Z} 45'31			-5207 Oct 06 j 11:43	0° \mathbb{A}	
greatest brilliancy	-5209 Mar 15 j 17:43	6° \mathbb{Z} 20'46	-4.5m		-5207 Oct 30 j 17:25	0° \mathbb{M}	
desc. node	-5209 Apr 08 j 21:02	22° \mathbb{Z} 08'25			-5207 Nov 24 j 06:18	0° \mathbb{R}	
	-5209 Apr 17 j 18:38	0° \approx			-5207 Dec 19 j 08:29	0° \mathbb{Z}	
morning max el	-5209 Apr 21 j 12:45	3° \approx 31'04	45°50'33	asc. node	-5206 Jan 14 j 05:56	29° \mathbb{Z} 37'28	
	-5209 May 17 j 09:20	0° \mathbb{H}			-5206 Jan 14 j 14:06	0° \approx	
	-5209 Jun 13 j 03:18	0° \mathbb{Y}		evening max el	-5206 Feb 09 j 10:11	26° \approx 55'34	45°14'07
	-5209 Jul 08 j 13:36	0° \mathbb{R}			-5206 Feb 12 j 15:45	0° \mathbb{H}	
asc. node	-5209 Jul 30 j 14:17	26° \mathbb{R} 48'22		greatest brilliancy	-5206 Mar 15 j 12:31	22° \mathbb{H} 54'31	-4.5m
	-5209 Aug 02 j 04:29	0° Π		retrograde	-5206 Mar 29 j 15:47	26° \mathbb{H} 23'04	
	-5209 Aug 26 j 06:59	0° \mathbb{S}		evening set	-5206 Apr 14 j 09:21	21° \mathbb{H} 42'31	
	-5209 Sep 19 j 02:55	0° \mathbb{Q}		inferior conj	-5206 Apr 20 j 02:58	18° \mathbb{H} 16'18	3°35'19
	-5209 Oct 12 j 21:17	0° \mathbb{M}		minimum elong	-5206 Apr 20 j 10:00	18° \mathbb{H} 05'20	3°33'27
morning set	-5209 Oct 19 j 14:14	8° \mathbb{M} 27'12		min. Earth dist.	-5206 Apr 20 j 23:49	17° \mathbb{H} 43'48	0.29024 AU
	-5209 Nov 05 j 17:30	0° \mathbb{A}		morning rise	-5206 Apr 26 j 09:59	14° \mathbb{H} 29'18	
desc. node	-5209 Nov 19 j 13:35	17° \mathbb{A} 19'59		desc. node	-5206 May 06 j 08:01	10° \mathbb{H} 30'47	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5206 May 11 j 22:52	9° H 53'46		-5204 Nov 13 j 16:49	0° M	
greatest brilliancy	-5206 May 26 j 11:50	13° H 32'30	-4.5m	-5204 Dec 07 j 20:51	0° J	
	-5206 Jun 19 j 00:27	0° Y		-5203 Jan 01 j 06:18	0° Z	
morning max el	-5206 Jun 30 j 08:50	10° Y 30'36	46°13'43	-5203 Jan 26 j 00:22	0° \approx	
	-5206 Jul 19 j 05:09	0° B		asc. node	-5203 Feb 10 j 17:54	18° \approx 43'23
	-5206 Aug 14 j 16:23	0° II			-5203 Feb 20 j 08:48	0° H
asc. node	-5206 Aug 27 j 02:09	14° II 44'06			-5203 Mar 18 j 18:05	0° Y
	-5206 Sep 08 j 16:31	0° S			-5203 Apr 16 j 06:23	0° B
	-5206 Oct 02 j 23:55	0° Q		evening max el	-5203 Apr 21 j 14:14	5° B 09'12 45°19'10
	-5206 Oct 27 j 00:49	0° M			-5203 May 23 j 16:08	0° II
	-5206 Nov 20 j 01:23	0° A		greatest brilliancy	-5203 May 28 j 08:53	2° II 08'45 -4.5m
	-5206 Dec 14 j 04:30	0° M		desc. node	-5203 Jun 02 j 19:11	3° II 51'43
desc. node	-5206 Dec 17 j 02:05	3° M 35'35		retrograde	-5203 Jun 09 j 06:46	4° II 38'02
morning set	-5205 Jan 04 j 13:48	26° M 27'39		evening set	-5203 Jun 24 j 17:08	0° II 08'19
	-5205 Jan 07 j 10:36	0° J			-5203 Jun 24 j 23:15	30° R B
	-5205 Jan 31 j 18:51	0° Z		inferior conj	-5203 Jun 30 j 08:00	26° B 52'15 -6°00'-33
				minimum elong	-5203 Jun 29 j 21:36	27° B 07'56 5°58'01
superior conj	-5205 Feb 12 j 17:23	14° Z 41'10	-1°-22'-56	min. Earth dist.	-5203 Jun 30 j 14:43	26° B 42'08 0.27662 AU
minimum elong	-5205 Feb 12 j 17:55	14° Z 42'48	1°23'14	morning rise	-5203 Jul 05 j 01:40	24° B 04'39
max. Earth dist.	-5205 Feb 13 j 21:27	16° Z 07'27	1.73436 AU	direct	-5203 Jul 21 j 12:51	18° B 56'58
	-5205 Feb 25 j 04:27	0° \approx		greatest brilliancy	-5203 Aug 04 j 19:47	22° B 36'28 -4.6m
evening rise	-5205 Mar 21 j 14:59	29° \approx 59'47			-5203 Aug 16 j 19:07	0° II
	-5205 Mar 21 j 15:04	0° H		morning max el	-5203 Sep 10 j 01:59	21° II 46'39 46°46'44
asc. node	-5205 Apr 08 j 16:37	22° H 08'11			-5203 Sep 17 j 23:21	0° S
	-5205 Apr 15 j 02:51	0° Y		asc. node	-5203 Sep 23 j 13:37	6° S 03'12
	-5205 May 09 j 16:14	0° B			-5203 Oct 14 j 15:24	0° Q
	-5205 Jun 03 j 07:57	0° II			-5203 Nov 08 j 19:56	0° M
	-5205 Jun 28 j 03:48	0° S			-5203 Dec 03 j 12:52	0° A
	-5205 Jul 23 j 07:29	0° Q			-5203 Dec 28 j 03:24	0° M
desc. node	-5205 Jul 29 j 15:48	7° Q 28'25		desc. node	-5202 Jan 13 j 14:29	20° M 03'36
	-5205 Aug 18 j 02:52	0° M			-5202 Jan 21 j 18:20	0° J
	-5205 Sep 14 j 11:16	0° A			-5202 Feb 15 j 09:23	0° Z
evening max el	-5205 Sep 18 j 07:34	3° A 57'26	47°38'52		-5202 Mar 11 j 23:27	0° \approx
	-5205 Oct 18 j 01:31	0° M		morning set	-5202 Mar 16 j 09:34	5° \approx 24'08
greatest brilliancy	-5205 Oct 26 j 14:33	4° M 51'14	-4.7m		-5202 Apr 05 j 11:42	0° H
retrograde	-5205 Nov 08 j 11:36	7° M 59'49		max. Earth dist.	-5202 Apr 18 j 17:38	16° H 15'39 1.73616 AU
asc. node	-5205 Nov 19 j 09:26	5° M 30'52				
evening set	-5205 Nov 23 j 03:43	3° M 37'24		superior conj	-5202 Apr 21 j 06:52	19° H 23'51 0°-33'-52
min. Earth dist.	-5205 Nov 28 j 08:50	0° M 29'19	0.27173 AU	minimum elong	-5202 Apr 21 j 12:57	19° H 42'33 0°33'42
inferior conj	-5205 Nov 29 j 07:22	29° A 53'48	2°26'31		-5202 Apr 29 j 21:38	0° Y
minimum elong	-5205 Nov 29 j 02:18	0° M 01'48	2°24'52	asc. node	-5202 May 06 j 05:14	7° Y 46'55
	-5205 Nov 29 j 03:26	30° R A			-5202 May 24 j 05:12	0° B
morning rise	-5205 Dec 05 j 01:42	26° A 24'50		evening rise	-5202 May 26 j 20:29	3° B 15'40
direct	-5205 Dec 19 j 18:28	22° A 03'50			-5202 Jun 17 j 10:44	0° II
greatest brilliancy	-5205 Dec 30 j 13:44	24° A 13'39	-4.6m		-5202 Jul 11 j 15:25	0° S
	-5204 Jan 10 j 14:08	0° M			-5202 Aug 04 j 21:07	0° Q
morning max el	-5204 Feb 06 j 22:37	22° M 49'08	46°05'51	desc. node	-5202 Aug 26 j 04:02	26° Q 12'26
	-5204 Feb 14 j 05:16	0° J			-5202 Aug 29 j 06:18	0° M
desc. node	-5204 Mar 10 j 12:02	26° J 43'27			-5202 Sep 22 j 22:06	0° A
	-5204 Mar 13 j 11:27	0° Z			-5202 Oct 18 j 02:23	0° M
	-5204 Apr 09 j 00:35	0° \approx			-5202 Nov 13 j 10:30	0° J
	-5204 May 04 j 16:21	0° H		evening max el	-5202 Nov 28 j 06:41	15° J 41'58 46°35'59
	-5204 May 29 j 17:18	0° Y			-5202 Dec 13 j 08:28	0° Z
	-5204 Jun 23 j 06:31	0° B		asc. node	-5202 Dec 16 j 20:45	2° Z 59'09
asc. node	-5204 Jul 01 j 04:13	9° B 45'55		greatest brilliancy	-5201 Jan 02 j 10:25	14° Z 19'13 -4.6m
	-5204 Jul 17 j 10:25	0° II		retrograde	-5201 Jan 17 j 12:31	18° Z 25'08
morning set	-5204 Aug 01 j 15:27	19° II 04'09		evening set	-5201 Feb 04 j 03:17	12° Z 20'41
	-5204 Aug 10 j 07:49	0° S		inferior conj	-5201 Feb 07 j 20:23	9° Z 59'31 8°12'49
	-5204 Sep 03 j 02:03	0° Q		minimum elong	-5201 Feb 07 j 19:12	10° Z 01'24 8°12'30
				min. Earth dist.	-5201 Feb 07 j 12:11	10° Z 12'41 0.29194 AU
superior conj	-5204 Sep 09 j 20:38	8° Q 33'38	1°16'29	morning rise	-5201 Feb 11 j 11:22	7° Z 42'08
minimum elong	-5204 Sep 10 j 05:00	9° Q 00'04	1°16'34	direct	-5201 Mar 01 j 09:20	1° Z 36'06
max. Earth dist.	-5204 Sep 11 j 02:11	10° Q 07'00	1.70830 AU	greatest brilliancy	-5201 Mar 13 j 06:15	4° Z 07'26 -4.5m
	-5204 Sep 26 j 20:17	0° M		desc. node	-5201 Apr 07 j 23:05	21° Z 10'43
	-5204 Oct 20 j 16:50	0° A			-5201 Apr 17 j 18:20	0° \approx
desc. node	-5204 Oct 21 j 02:59	0° A 31'49		morning max el	-5201 Apr 19 j 04:35	1° \approx 20'58 45°50'19
evening rise	-5204 Oct 22 j 01:55	1° A 43'41			-5201 May 17 j 01:29	0° H

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5201 Jun 12 j 16:59	0°♄		evening max el	-5198 Feb 07 j 00:35	24°≈40'58	45°15'43
	-5201 Jul 08 j 02:11	0°♅			-5198 Feb 12 j 15:58	0°♄	
asc. node	-5201 Jul 29 j 16:29	26°♅18'04		greatest brilliancy	-5198 Mar 13 j 02:03	20°♄43'06	-4.5m
	-5201 Aug 01 j 16:30	0°♅		retrograde	-5198 Mar 27 j 08:12	24°♄15'33	
	-5201 Aug 25 j 18:41	0°♅		evening set	-5198 Apr 12 j 03:52	19°♄31'07	
	-5201 Sep 18 j 14:28	0°♅		inferior conj	-5198 Apr 17 j 19:27	16°♄07'44	3°52'18
	-5201 Oct 12 j 08:44	0°♅		minimum elong	-5198 Apr 18 j 02:53	15°♄56'08	3°50'21
morning set	-5201 Oct 17 j 00:07	5°♅51'06		min. Earth dist.	-5198 Apr 18 j 16:24	15°♄35'04	0.29066 AU
	-5201 Nov 05 j 04:53	0°♅		morning rise	-5198 Apr 24 j 01:14	12°♄22'22	
desc. node	-5201 Nov 18 j 15:34	16°♅50'46		desc. node	-5198 May 05 j 10:06	8°♄05'06	
				direct	-5198 May 09 j 15:06	7°♄44'19	
superior conj	-5201 Nov 28 j 06:48	28°♅52'45	0°-22'-1	greatest brilliancy	-5198 May 24 j 04:47	11°♄23'39	-4.5m
minimum elong	-5201 Nov 28 j 01:00	28°♅34'40	0°21'54		-5198 Jun 19 j 03:55	0°♄	
	-5201 Nov 29 j 04:22	0°♅		morning max el	-5198 Jun 28 j 00:47	8°♄18'14	46°12'40
max. Earth dist.	-5201 Dec 03 j 13:58	5°♅29'10	1.71856 AU		-5198 Jul 18 j 22:16	0°♅	
	-5201 Dec 23 j 07:15	0°♅			-5198 Aug 14 j 06:33	0°♅	
evening rise	-5200 Jan 08 j 06:07	19°♅45'02		asc. node	-5198 Aug 26 j 04:23	14°♅10'22	
	-5200 Jan 16 j 13:22	0°♅			-5198 Sep 08 j 05:26	0°♅	
	-5200 Feb 09 j 23:12	0°≈			-5198 Oct 02 j 12:12	0°♅	
	-5200 Mar 05 j 14:08	0°♄			-5198 Oct 26 j 12:43	0°♅	
asc. node	-5200 Mar 10 j 06:15	5°♄39'21			-5198 Nov 19 j 13:00	0°♅	
	-5200 Mar 30 j 12:10	0°♄			-5198 Dec 13 j 15:53	0°♅	
	-5200 Apr 24 j 20:04	0°♅		desc. node	-5198 Dec 16 j 04:16	3°♅07'11	
	-5200 May 20 j 19:07	0°♅		morning set	-5197 Jan 02 j 01:52	24°♅02'03	
	-5200 Jun 16 j 23:09	0°♅			-5197 Jan 06 j 21:46	0°♅	
desc. node	-5200 Jun 30 j 06:24	13°♅45'33			-5197 Jan 31 j 05:53	0°♅	
evening max el	-5200 Jul 03 j 22:06	17°♅22'43	46°43'59				
	-5200 Jul 17 j 13:36	0°♅		superior conj	-5197 Feb 10 j 09:27	12°♅29'19	-1°-22'-58
greatest brilliancy	-5200 Aug 12 j 16:40	17°♅06'55	-4.7m	minimum elong	-5197 Feb 10 j 09:14	12°♅28'40	1°23'17
retrograde	-5200 Aug 22 j 23:30	19°♅04'00		max. Earth dist.	-5197 Feb 11 j 15:21	14°♅01'15	1.73402 AU
evening set	-5200 Sep 09 j 04:24	13°♅27'11			-5197 Feb 24 j 15:23	0°≈	
inferior conj	-5200 Sep 12 j 14:45	11°♅23'39	-8°-1'-1	evening rise	-5197 Mar 19 j 09:15	27°≈55'02	
minimum elong	-5200 Sep 12 j 23:49	11°♅09'52	7°59'27		-5197 Mar 21 j 02:01	0°♄	
min. Earth dist.	-5200 Sep 12 j 19:54	11°♅15'49	0.26566 AU	asc. node	-5197 Apr 07 j 18:38	21°♄40'27	
morning rise	-5200 Sep 16 j 19:09	8°♅54'09			-5197 Apr 14 j 13:59	0°♄	
direct	-5200 Oct 02 j 23:07	3°♅48'33			-5197 May 09 j 03:41	0°♅	
greatest brilliancy	-5200 Oct 15 j 08:06	6°♅40'52	-4.7m		-5197 Jun 02 j 19:56	0°♅	
asc. node	-5200 Oct 21 j 00:30	9°♅37'35			-5197 Jun 27 j 16:34	0°♅	
	-5200 Nov 15 j 06:32	0°♅			-5197 Jul 22 j 21:29	0°♅	
morning max el	-5200 Nov 22 j 12:42	7°♅11'09	46°42'02	desc. node	-5197 Jul 28 j 18:02	6°♅52'41	
	-5200 Dec 13 j 21:32	0°♅			-5197 Aug 17 j 19:08	0°♅	
	-5199 Jan 09 j 07:26	0°♅			-5197 Sep 14 j 09:03	0°♅	
	-5199 Feb 03 j 23:58	0°♅		evening max el	-5197 Sep 15 j 22:11	1°♅34'47	47°39'07
desc. node	-5199 Feb 10 j 02:33	7°♅11'57			-5197 Oct 19 j 12:36	0°♅	
	-5199 Mar 01 j 07:59	0°♅		greatest brilliancy	-5197 Oct 24 j 06:26	2°♅28'06	-4.7m
	-5199 Mar 26 j 09:34	0°≈		retrograde	-5197 Nov 06 j 02:19	5°♅35'23	
	-5199 Apr 20 j 04:59	0°♄		asc. node	-5197 Nov 18 j 11:39	2°♅24'13	
	-5199 May 14 j 18:15	0°♄		evening set	-5197 Nov 20 j 17:16	1°♅13'51	
morning set	-5199 May 22 j 01:00	8°♄57'29			-5197 Nov 22 j 20:28	30°♄	
asc. node	-5199 Jun 02 j 17:54	23°♄24'43		min. Earth dist.	-5197 Nov 25 j 23:21	28°♄04'48	0.27109 AU
	-5199 Jun 08 j 01:32	0°♅		inferior conj	-5197 Nov 26 j 21:22	27°♄30'13	2°04'54
max. Earth dist.	-5199 Jun 22 j 18:23	18°♅17'03	1.72220 AU	minimum elong	-5197 Nov 26 j 16:59	27°♄37'07	2°03'28
				morning rise	-5197 Dec 02 j 17:31	23°♄59'24	
superior conj	-5199 Jun 27 j 07:21	23°♅56'52	0°53'20	direct	-5197 Dec 17 j 07:53	19°♄41'13	
minimum elong	-5199 Jun 26 j 22:42	23°♅29'54	0°53'13	greatest brilliancy	-5197 Dec 28 j 04:03	21°♄52'36	-4.6m
	-5199 Jul 02 j 03:39	0°♅			-5196 Jan 11 j 14:42	0°♅	
	-5199 Jul 26 j 02:15	0°♅		morning max el	-5196 Feb 04 j 13:51	20°♅34'06	46°07'00
evening rise	-5199 Aug 03 j 11:15	10°♅30'52			-5196 Feb 14 j 01:35	0°♅	
	-5199 Aug 18 j 23:39	0°♅		desc. node	-5196 Mar 09 j 14:08	26°♅06'22	
	-5199 Sep 11 j 22:09	0°♅			-5196 Mar 13 j 02:41	0°♅	
desc. node	-5199 Sep 22 j 16:23	13°♅26'34			-5196 Apr 08 j 13:44	0°≈	
	-5199 Oct 05 j 23:34	0°♅			-5196 May 04 j 04:26	0°♄	
	-5199 Oct 30 j 05:34	0°♅			-5196 May 29 j 04:48	0°♄	
	-5199 Nov 23 j 18:59	0°♅			-5196 Jun 22 j 17:43	0°♅	
	-5199 Dec 18 j 22:14	0°♅		asc. node	-5196 Jun 30 j 06:25	9°♅18'15	
asc. node	-5198 Jan 13 j 08:10	28°♅59'13			-5196 Jul 16 j 21:29	0°♅	
	-5198 Jan 14 j 06:17	0°≈		morning set	-5196 Jul 30 j 05:57	16°♅44'15	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5196 Aug 09 j 18:50	0°☿		min. Earth dist.	-5193 Feb 05 j 03:59	8°☿05'52	0.29150 AU
	-5196 Sep 02 j 13:05	0°♌		inferior conj	-5193 Feb 05 j 13:28	7°☿50'37	8°11'42
				minimum elong	-5193 Feb 05 j 11:37	7°☿53'35	8°11'22
superior conj	-5196 Sep 07 j 07:59	6°♌02'57	1°17'58	morning rise	-5193 Feb 09 j 04:05	5°☿33'34	
minimum elong	-5196 Sep 07 j 15:35	6°♌26'58	1°18'04		-5193 Feb 21 j 21:50	30°♌♌	
max. Earth dist.	-5196 Sep 08 j 09:20	7°♌23'02	1.70836 AU	direct	-5193 Feb 27 j 01:50	29°♌28'07	
	-5196 Sep 26 j 07:22	0°♍			-5193 Mar 04 j 09:10	0°☿	
evening rise	-5196 Oct 19 j 10:22	29°♍04'42		greatest brilliancy	-5193 Mar 10 j 19:39	1°☿56'08	-4.5m
desc. node	-5196 Oct 20 j 05:01	0°♌03'11		desc. node	-5193 Apr 07 j 01:11	20°☿15'22	
	-5196 Oct 20 j 04:00	0°♌		morning max el	-5193 Apr 16 j 19:48	29°☿10'16	45°50'06
	-5196 Nov 13 j 04:04	0°♍			-5193 Apr 17 j 16:39	0°♌	
	-5196 Dec 07 j 08:13	0°♌			-5193 May 16 j 17:04	0°♌	
	-5196 Dec 31 j 17:54	0°☿			-5193 Jun 12 j 06:15	0°♌	
	-5195 Jan 25 j 12:27	0°♌			-5193 Jul 07 j 14:22	0°♌	
asc. node	-5195 Feb 09 j 20:03	18°♌12'28		asc. node	-5193 Jul 28 j 18:38	25°♌48'43	
	-5195 Feb 19 j 21:55	0°♌			-5193 Aug 01 j 04:07	0°♌	
	-5195 Mar 18 j 09:29	0°♌			-5193 Aug 25 j 06:02	0°☿	
	-5195 Apr 16 j 04:00	0°♌			-5193 Sep 18 j 01:41	0°♌	
evening max el	-5195 Apr 19 j 05:41	2°♌56'46	45°17'20		-5193 Oct 11 j 19:53	0°♌	
greatest brilliancy	-5195 May 25 j 20:37	29°♌49'15	-4.5m	morning set	-5193 Oct 14 j 10:06	3°♌16'13	
	-5195 May 26 j 07:38	0°♌			-5193 Nov 04 j 15:57	0°♌	
desc. node	-5195 Jun 01 j 21:24	1°♌52'27		desc. node	-5193 Nov 17 j 17:46	16°♌23'13	
retrograde	-5195 Jun 06 j 20:16	2°♌19'37					
	-5195 Jun 17 j 19:15	30°♌♌		superior conj	-5193 Nov 25 j 16:30	26°♌19'01	0°-18'-15
evening set	-5195 Jun 22 j 03:59	27°♌53'51		minimum elong	-5193 Nov 25 j 11:38	26°♌03'49	0°18'09
inferior conj	-5195 Jun 27 j 21:42	24°♌33'29	-5°-43'-42		-5193 Nov 28 j 15:20	0°♌	
minimum elong	-5195 Jun 27 j 11:28	24°♌48'57	5°41'09	max. Earth dist.	-5193 Dec 01 j 03:01	3°♌06'06	1.71790 AU
min. Earth dist.	-5195 Jun 28 j 04:39	24°♌22'59	0.27703 AU		-5193 Dec 22 j 18:08	0°♌	
morning rise	-5195 Jul 02 j 18:32	21°♌41'07		evening rise	-5192 Jan 05 j 19:31	17°♌24'28	
direct	-5195 Jul 19 j 03:46	16°♌37'31			-5192 Jan 16 j 00:15	0°☿	
greatest brilliancy	-5195 Aug 02 j 10:15	20°♌16'22	-4.6m		-5192 Feb 09 j 10:12	0°♌	
	-5195 Aug 17 j 11:19	0°♌			-5192 Mar 05 j 01:25	0°♌	
morning max el	-5195 Sep 07 j 15:47	19°♌23'03	46°46'06	asc. node	-5192 Mar 09 j 08:15	5°♌11'06	
	-5195 Sep 17 j 18:55	0°☿			-5192 Mar 30 j 00:00	0°♌	
asc. node	-5195 Sep 22 j 15:38	5°☿18'14			-5192 Apr 24 j 08:55	0°♌	
	-5195 Oct 14 j 06:40	0°♌			-5192 May 20 j 09:51	0°♌	
	-5195 Nov 08 j 09:23	0°♌			-5192 Jun 16 j 17:59	0°☿	
	-5195 Dec 03 j 01:21	0°♌		desc. node	-5192 Jun 29 j 08:37	12°☿54'38	
	-5195 Dec 27 j 15:17	0°♌		evening max el	-5192 Jul 01 j 09:33	14°☿55'00	46°40'36
desc. node	-5194 Jan 12 j 16:39	19°♌35'01			-5192 Jul 17 j 23:20	0°♌	
	-5194 Jan 21 j 05:45	0°♌		greatest brilliancy	-5192 Aug 10 j 05:49	14°♌38'56	-4.6m
	-5194 Feb 14 j 20:28	0°☿		retrograde	-5192 Aug 20 j 10:38	16°♌34'31	
	-5194 Mar 11 j 10:18	0°♌		evening set	-5192 Sep 06 j 19:21	10°♌53'26	
morning set	-5194 Mar 14 j 03:37	3°♌19'34		inferior conj	-5192 Sep 10 j 02:45	8°♌54'27	-8°-11'-33
	-5194 Apr 04 j 22:25	0°♌		minimum elong	-5192 Sep 10 j 11:14	8°♌41'34	8°10'11
max. Earth dist.	-5194 Apr 16 j 15:17	14°♌21'52	1.73637 AU	min. Earth dist.	-5192 Sep 10 j 08:39	8°♌45'29	0.26593 AU
				morning rise	-5192 Sep 14 j 03:00	6°♌30'55	
superior conj	-5194 Apr 19 j 01:57	17°♌22'05	0°-36'-37	direct	-5192 Sep 30 j 10:56	1°♌18'43	
minimum elong	-5194 Apr 19 j 08:25	17°♌41'56	0°36'25	greatest brilliancy	-5192 Oct 12 j 23:14	4°♌14'08	-4.7m
	-5194 Apr 29 j 08:21	0°♌		asc. node	-5192 Oct 20 j 02:45	8°♌05'06	
asc. node	-5194 May 05 j 07:24	7°♌20'33			-5192 Nov 15 j 08:19	0°♌	
	-5194 May 23 j 16:01	0°♌		morning max el	-5192 Nov 20 j 01:12	4°♌42'24	46°43'09
evening rise	-5194 May 24 j 15:41	1°♌13'07			-5192 Dec 13 j 14:48	0°♌	
	-5194 Jun 16 j 21:47	0°♌			-5191 Jan 08 j 21:41	0°♌	
	-5194 Jul 11 j 02:47	0°☿			-5191 Feb 03 j 12:42	0°♌	
	-5194 Aug 04 j 08:55	0°♌		desc. node	-5191 Feb 09 j 04:37	6°♌41'10	
desc. node	-5194 Aug 25 j 06:04	25°♌41'03			-5191 Feb 28 j 19:49	0°☿	
	-5194 Aug 28 j 18:39	0°♌			-5191 Mar 25 j 20:51	0°♌	
	-5194 Sep 22 j 11:14	0°♌			-5191 Apr 19 j 15:57	0°♌	
	-5194 Oct 17 j 16:53	0°♌			-5191 May 14 j 05:03	0°♌	
	-5194 Nov 13 j 04:08	0°♌		morning set	-5191 May 19 j 19:49	6°♌54'26	
evening max el	-5194 Nov 25 j 22:24	13°♌26'32	46°39'09	asc. node	-5191 Jun 01 j 20:06	22°♌58'16	
	-5194 Dec 13 j 14:39	0°☿			-5191 Jun 07 j 12:17	0°♌	
asc. node	-5194 Dec 15 j 22:58	1°☿56'07		max. Earth dist.	-5191 Jun 20 j 13:23	16°♌13'02	1.72284 AU
greatest brilliancy	-5194 Dec 31 j 05:47	12°☿12'36	-4.6m				
retrograde	-5193 Jan 15 j 05:34	16°☿16'04		superior conj	-5191 Jun 25 j 00:44	21°♌47'40	0°50'48
evening set	-5193 Feb 01 j 19:26	10°☿13'30		minimum elong	-5191 Jun 24 j 16:17	21°♌21'19	0°50'41

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5191 Jul 01 j 14:27	0° Π			-5188 Jan 12 j 08:59	0° \mathbb{M}		
	-5191 Jul 25 j 13:12	0° \mathfrak{S}		morning max el	-5188 Feb 02 j 05:12	18° \mathbb{M} 18'58	46°08'08	
evening rise	-5191 Aug 01 j 01:38	8° \mathfrak{S} 10'52			-5188 Feb 13 j 21:21	0° \mathfrak{Z}		
	-5191 Aug 18 j 10:48	0° Ω		desc. node	-5188 Mar 08 j 16:09	25° \mathfrak{Z} 29'17		
	-5191 Sep 11 j 09:32	0° \mathbb{M}			-5188 Mar 12 j 17:45	0° \mathfrak{Z}		
desc. node	-5191 Sep 21 j 18:27	12° \mathbb{M} 57'08			-5188 Apr 08 j 02:48	0° \approx		
	-5191 Oct 05 j 11:13	0° $\underline{\mathfrak{A}}$			-5188 May 03 j 16:28	0° \mathfrak{H}		
	-5191 Oct 29 j 17:34	0° \mathbb{M}			-5188 May 28 j 16:17	0° \mathbb{Y}		
	-5191 Nov 23 j 07:33	0° \mathfrak{Z}			-5188 Jun 22 j 04:56	0° \mathfrak{B}		
asc. node	-5191 Dec 18 j 11:52	0° \mathfrak{Z}		asc. node	-5188 Jun 29 j 08:32	8° \mathfrak{B} 50'16		
	-5190 Jan 12 j 10:22	28° \mathfrak{Z} 21'18			-5188 Jul 16 j 08:36	0° Π		
	-5190 Jan 13 j 22:27	0° \approx		morning set	-5188 Jul 27 j 20:34	14° Π 24'32		
evening max el	-5190 Feb 04 j 15:49	22° \approx 29'25	45°17'35		-5188 Aug 09 j 05:58	0° \mathfrak{S}		
	-5190 Feb 12 j 16:58	0° \mathfrak{H}			-5188 Sep 02 j 00:16	0° Ω		
greatest brilliancy	-5190 Mar 10 j 15:33	18° \mathfrak{H} 33'02	-4.5m					
retrograde	-5190 Mar 25 j 01:18	22° \mathfrak{H} 09'35		superior conj	-5188 Sep 04 j 19:21	3° Ω 31'50	1°19'16	
evening set	-5190 Apr 09 j 22:41	17° \mathfrak{H} 21'11		minimum elong	-5188 Sep 05 j 02:08	3° Ω 53'15	1°19'25	
inferior conj	-5190 Apr 15 j 12:09	14° \mathfrak{H} 00'35	4°08'42	max. Earth dist.	-5188 Sep 05 j 13:23	4° Ω 28'48	1.70848 AU	
minimum elong	-5190 Apr 15 j 19:57	13° \mathfrak{H} 48'25	4°06'42		-5188 Sep 25 j 18:38	0° \mathbb{M}		
min. Earth dist.	-5190 Apr 16 j 08:47	13° \mathfrak{H} 28'25	0.29108 AU	evening rise	-5188 Oct 16 j 18:21	26° \mathbb{M} 23'40		
morning rise	-5190 Apr 21 j 16:38	10° \mathfrak{H} 17'07		desc. node	-5188 Oct 19 j 07:14	29° \mathbb{M} 34'33		
desc. node	-5190 May 04 j 12:22	5° \mathfrak{H} 45'40			-5188 Oct 19 j 15:21	0° $\underline{\mathfrak{A}}$		
direct	-5190 May 07 j 07:59	5° \mathfrak{H} 36'21			-5188 Nov 12 j 15:30	0° \mathbb{M}		
greatest brilliancy	-5190 May 21 j 21:44	9° \mathfrak{H} 16'03	-4.5m		-5188 Dec 06 j 19:47	0° \mathfrak{Z}		
	-5190 Jun 19 j 05:37	0° \mathbb{Y}			-5188 Dec 31 j 05:43	0° \mathfrak{Z}		
morning max el	-5190 Jun 25 j 17:53	6° \mathbb{Y} 09'24	46°11'26		-5187 Jan 25 j 00:47	0° \approx		
	-5190 Jul 18 j 14:55	0° \mathfrak{B}		asc. node	-5187 Feb 08 j 22:08	17° \approx 40'35		
	-5190 Aug 13 j 20:30	0° Π			-5187 Feb 19 j 11:20	0° \mathfrak{H}		
asc. node	-5190 Aug 25 j 06:26	13° Π 36'35			-5187 Mar 18 j 01:17	0° \mathbb{Y}		
	-5190 Sep 07 j 18:11	0° \mathfrak{S}			-5187 Apr 16 j 02:34	0° \mathfrak{B}		
	-5190 Oct 02 j 00:20	0° Ω		evening max el	-5187 Apr 16 j 20:55	0° \mathfrak{B} 43'40	45°15'42	
	-5190 Oct 26 j 00:27	0° \mathbb{M}		greatest brilliancy	-5187 May 23 j 09:15	27° \mathfrak{B} 31'18	-4.5m	
	-5190 Nov 19 j 00:28	0° $\underline{\mathfrak{A}}$		desc. node	-5187 May 31 j 23:31	29° \mathfrak{B} 49'10		
	-5190 Dec 13 j 03:09	0° \mathbb{M}			-5187 Jun 03 j 00:08	0° Π		
desc. node	-5190 Dec 15 j 06:21	2° \mathbb{M} 38'47		retrograde	-5187 Jun 04 j 09:31	0° Π 02'11		
morning set	-5190 Dec 30 j 13:49	21° \mathbb{M} 36'12			-5187 Jun 05 j 18:39	30° \mathfrak{B}		
	-5189 Jan 06 j 08:52	0° \mathfrak{Z}		evening set	-5187 Jun 19 j 15:25	25° \mathfrak{B} 40'03		
	-5189 Jan 30 j 16:49	0° \mathfrak{Z}		inferior conj	-5187 Jun 25 j 11:46	22° \mathfrak{B} 15'48	-5°-26'-32	
				minimum elong	-5187 Jun 25 j 01:45	22° \mathfrak{B} 30'58	5°23'58	
superior conj	-5189 Feb 08 j 01:31	10° \mathfrak{Z} 17'39	-1°-22'-53	min. Earth dist.	-5187 Jun 25 j 19:14	22° \mathfrak{B} 04'29	0.27745 AU	
minimum elong	-5189 Feb 08 j 00:33	10° \mathfrak{Z} 14'42	1°23'12	morning rise	-5187 Jun 30 j 11:37	19° \mathfrak{B} 18'45		
max. Earth dist.	-5189 Feb 09 j 09:58	11° \mathfrak{Z} 57'27	1.73364 AU	direct	-5187 Jul 16 j 18:33	14° \mathfrak{B} 19'03		
	-5189 Feb 24 j 02:13	0° \approx		greatest brilliancy	-5187 Jul 31 j 00:58	17° \mathfrak{B} 57'02	-4.6m	
evening rise	-5189 Mar 17 j 03:42	25° \approx 51'18			-5187 Aug 17 j 23:26	0° Π		
	-5189 Mar 20 j 12:51	0° \mathfrak{H}		morning max el	-5187 Sep 05 j 04:54	16° Π 57'25	46°45'09	
asc. node	-5189 Apr 06 j 20:52	21° \mathfrak{H} 13'47			-5187 Sep 17 j 14:08	0° \mathfrak{S}		
	-5189 Apr 14 j 00:59	0° \mathbb{Y}		asc. node	-5187 Sep 21 j 17:55	4° \mathfrak{S} 34'02		
	-5189 May 08 j 15:03	0° \mathfrak{B}			-5187 Oct 13 j 22:00	0° Ω		
	-5189 Jun 02 j 07:53	0° Π			-5187 Nov 07 j 23:04	0° \mathbb{M}		
	-5189 Jun 27 j 05:22	0° \mathfrak{S}			-5187 Dec 02 j 14:07	0° $\underline{\mathfrak{A}}$		
	-5189 Jul 22 j 11:37	0° Ω			-5187 Dec 27 j 03:26	0° \mathbb{M}		
desc. node	-5189 Jul 27 j 20:04	6° Ω 16'03		desc. node	-5186 Jan 11 j 18:42	19° \mathbb{M} 05'15		
	-5189 Aug 17 j 11:43	0° \mathbb{M}			-5186 Jan 20 j 17:26	0° \mathfrak{Z}		
evening max el	-5189 Sep 13 j 13:43	29° \mathbb{M} 14'23	47°39'18		-5186 Feb 14 j 07:48	0° \mathfrak{Z}		
	-5189 Sep 14 j 07:44	0° $\underline{\mathfrak{A}}$			-5186 Mar 10 j 21:25	0° \approx		
	-5189 Oct 21 j 18:11	0° \mathbb{M}		morning set	-5186 Mar 11 j 21:25	1° \approx 13'21		
greatest brilliancy	-5189 Oct 21 j 22:19	0° \mathbb{M} 04'43	-4.7m		-5186 Apr 04 j 09:25	0° \mathfrak{H}		
retrograde	-5189 Nov 03 j 17:15	3° \mathbb{M} 10'19		max. Earth dist.	-5186 Apr 14 j 11:25	12° \mathfrak{H} 22'32	1.73654 AU	
	-5189 Nov 16 j 01:21	30° \mathfrak{R} $\underline{\mathfrak{A}}$						
asc. node	-5189 Nov 17 j 13:53	29° $\underline{\mathfrak{A}}$ 12'57		superior conj	-5186 Apr 16 j 21:05	15° \mathfrak{H} 19'40	0°-39'-17	
evening set	-5189 Nov 18 j 06:58	28° $\underline{\mathfrak{A}}$ 49'40		minimum elong	-5186 Apr 17 j 03:54	15° \mathfrak{H} 40'37	0°39'06	
min. Earth dist.	-5189 Nov 23 j 13:33	25° $\underline{\mathfrak{A}}$ 39'58	0.27045 AU		-5186 Apr 28 j 19:21	0° \mathbb{Y}		
inferior conj	-5189 Nov 24 j 11:13	25° $\underline{\mathfrak{A}}$ 06'00	1°43'01	asc. node	-5186 May 04 j 09:36	6° \mathbb{Y} 53'29		
minimum elong	-5189 Nov 24 j 07:33	25° $\underline{\mathfrak{A}}$ 11'45	1°41'47	evening rise	-5186 May 22 j 11:04	29° \mathbb{Y} 10'29		
morning rise	-5189 Nov 30 j 09:05	21° $\underline{\mathfrak{A}}$ 33'32			-5186 May 23 j 03:06	0° \mathfrak{B}		
direct	-5189 Dec 14 j 21:37	17° $\underline{\mathfrak{A}}$ 18'11			-5186 Jun 16 j 09:03	0° Π		
greatest brilliancy	-5189 Dec 25 j 17:25	19° $\underline{\mathfrak{A}}$ 29'57	-4.6m		-5186 Jul 10 j 14:22	0° \mathfrak{S}		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5186 Aug 03 j 20:57	0°♎		morning max el	-5184 Nov 17 j 14:40	2°♎15'25	46°44'00
desc. node	-5186 Aug 24 j 08:10	25°♎09'01			-5184 Dec 13 j 08:02	0°♎	
	-5186 Aug 28 j 07:18	0°♎			-5183 Jan 08 j 12:11	0°♎	
	-5186 Sep 22 j 00:48	0°♎			-5183 Feb 03 j 01:48	0°♎	
	-5186 Oct 17 j 07:58	0°♎		desc. node	-5183 Feb 08 j 06:43	6°♎09'16	
	-5186 Nov 12 j 22:45	0°♎			-5183 Feb 28 j 08:04	0°♎	
evening max el	-5186 Nov 23 j 13:10	11°♎06'53	46°42'16		-5183 Mar 25 j 08:33	0°♎	
	-5186 Dec 14 j 00:14	0°♎			-5183 Apr 19 j 03:19	0°♎	
asc. node	-5186 Dec 15 j 01:06	0°♎49'31			-5183 May 13 j 16:13	0°♎	
greatest brilliancy	-5186 Dec 29 j 00:21	10°♎02'39	-4.6m	morning set	-5183 May 17 j 14:24	4°♎49'33	
retrograde	-5185 Jan 12 j 22:07	14°♎04'37		asc. node	-5183 May 31 j 22:08	22°♎30'09	
evening set	-5185 Jan 30 j 10:58	8°♎04'15			-5183 Jun 06 j 23:24	0°♎	
inferior conj	-5185 Feb 03 j 06:15	5°♎39'23	8°09'55	max. Earth dist.	-5183 Jun 18 j 08:09	14°♎07'17	1.72345 AU
minimum elong	-5185 Feb 03 j 03:43	5°♎43'29	8°09'32				
min. Earth dist.	-5185 Feb 02 j 19:47	5°♎56'15	0.29102 AU	superior conj	-5183 Jun 22 j 18:01	19°♎37'04	0°48'12
morning rise	-5185 Feb 06 j 20:43	3°♎22'23		minimum elong	-5183 Jun 22 j 09:49	19°♎11'31	0°48'05
	-5185 Feb 13 j 01:22	30°♎			-5183 Jul 01 j 01:38	0°♎	
direct	-5185 Feb 24 j 17:33	27°♎17'42			-5183 Jul 25 j 00:31	0°♎	
greatest brilliancy	-5185 Mar 08 j 09:39	29°♎43'35	-4.5m	evening rise	-5183 Jul 29 j 16:15	5°♎50'31	
	-5185 Mar 09 j 01:52	0°♎			-5183 Aug 17 j 22:17	0°♎	
desc. node	-5185 Apr 06 j 03:29	19°♎20'14			-5183 Sep 10 j 21:11	0°♎	
morning max el	-5185 Apr 14 j 10:30	26°♎56'53	45°50'04	desc. node	-5183 Sep 20 j 20:41	12°♎27'25	
	-5185 Apr 17 j 14:41	0°♎			-5183 Oct 04 j 23:06	0°♎	
	-5185 May 16 j 08:50	0°♎			-5183 Oct 29 j 05:49	0°♎	
	-5185 Jun 11 j 19:46	0°♎			-5183 Nov 22 j 20:24	0°♎	
	-5185 Jul 07 j 02:49	0°♎			-5183 Dec 18 j 01:55	0°♎	
asc. node	-5185 Jul 27 j 20:43	25°♎18'23		asc. node	-5182 Jan 11 j 12:26	27°♎41'37	
	-5185 Jul 31 j 16:00	0°♎			-5182 Jan 13 j 15:19	0°♎	
	-5185 Aug 24 j 17:37	0°♎		evening max el	-5182 Feb 02 j 07:52	20°♎18'28	45°19'22
	-5185 Sep 17 j 13:09	0°♎			-5182 Feb 12 j 20:01	0°♎	
	-5185 Oct 11 j 07:19	0°♎		greatest brilliancy	-5182 Mar 08 j 05:55	16°♎22'24	-4.5m
morning set	-5185 Oct 11 j 20:13	0°♎40'44		retrograde	-5182 Mar 22 j 18:15	20°♎01'32	
	-5185 Nov 04 j 03:21	0°♎		evening set	-5182 Apr 07 j 17:24	15°♎09'24	
desc. node	-5185 Nov 16 j 19:52	15°♎54'12		inferior conj	-5182 Apr 13 j 04:38	11°♎51'32	4°24'46
				minimum elong	-5182 Apr 13 j 12:45	11°♎38'52	4°22'44
superior conj	-5185 Nov 23 j 01:49	23°♎42'50	0°-14'-24	min. Earth dist.	-5182 Apr 14 j 00:42	11°♎20'13	0.29148 AU
minimum elong	-5185 Nov 22 j 21:56	23°♎30'41	0°14'19	morning rise	-5182 Apr 19 j 07:37	8°♎10'10	
behind sun begin	-5185 Nov 22 j 08:51	22°♎49'50		desc. node	-5182 May 03 j 14:26	3°♎29'09	
behind sun end	-5185 Nov 23 j 11:00	24°♎11'31		direct	-5182 May 05 j 01:01	3°♎26'43	
	-5185 Nov 28 j 02:41	0°♎		greatest brilliancy	-5182 May 19 j 13:19	7°♎05'22	-4.5m
max. Earth dist.	-5185 Nov 28 j 12:16	0°♎29'52	1.71731 AU		-5182 Jun 19 j 06:31	0°♎	
	-5185 Dec 22 j 05:28	0°♎		morning max el	-5182 Jun 23 j 10:55	3°♎59'34	46°10'11
evening rise	-5184 Jan 03 j 08:12	15°♎00'16			-5182 Jul 18 j 07:36	0°♎	
	-5184 Jan 15 j 11:35	0°♎			-5182 Aug 13 j 10:36	0°♎	
	-5184 Feb 08 j 21:39	0°♎		asc. node	-5182 Aug 24 j 08:39	13°♎02'42	
	-5184 Mar 04 j 13:09	0°♎			-5182 Sep 07 j 07:07	0°♎	
asc. node	-5184 Mar 08 j 10:29	4°♎42'09			-5182 Oct 01 j 12:37	0°♎	
	-5184 Mar 29 j 12:20	0°♎			-5182 Oct 25 j 12:21	0°♎	
	-5184 Apr 23 j 22:19	0°♎			-5182 Nov 18 j 12:04	0°♎	
	-5184 May 20 j 01:13	0°♎			-5182 Dec 12 j 14:32	0°♎	
	-5184 Jun 16 j 13:46	0°♎		desc. node	-5182 Dec 14 j 08:23	2°♎09'52	
desc. node	-5184 Jun 28 j 10:43	12°♎01'30		morning set	-5182 Dec 28 j 01:58	19°♎10'32	
evening max el	-5184 Jun 28 j 21:19	12°♎27'25	46°37'27		-5181 Jan 05 j 20:05	0°♎	
	-5184 Jul 18 j 12:43	0°♎			-5181 Jan 30 j 03:55	0°♎	
greatest brilliancy	-5184 Aug 07 j 18:13	12°♎09'51	-4.6m				
retrograde	-5184 Aug 17 j 22:29	14°♎05'08		superior conj	-5181 Feb 05 j 17:24	8°♎04'47	-1°-22'-41
evening set	-5184 Sep 04 j 10:12	8°♎19'51		minimum elong	-5181 Feb 05 j 15:40	7°♎59'29	1°22'58
inferior conj	-5184 Sep 07 j 14:54	6°♎25'09	-8°-20'-59	max. Earth dist.	-5181 Feb 07 j 06:04	9°♎57'37	1.73331 AU
minimum elong	-5184 Sep 07 j 22:44	6°♎13'16	8°19'49		-5181 Feb 23 j 13:15	0°♎	
min. Earth dist.	-5184 Sep 07 j 21:12	6°♎15'35	0.26621 AU	evening rise	-5181 Mar 14 j 21:49	23°♎45'46	
morning rise	-5184 Sep 11 j 11:07	4°♎07'40			-5181 Mar 19 j 23:56	0°♎	
	-5184 Sep 20 j 09:29	30°♎		asc. node	-5181 Apr 05 j 23:00	20°♎46'01	
direct	-5184 Sep 27 j 23:08	28°♎48'48			-5181 Apr 13 j 12:15	0°♎	
	-5184 Oct 05 j 18:54	0°♎			-5181 May 08 j 02:41	0°♎	
greatest brilliancy	-5184 Oct 10 j 14:18	1°♎47'17	-4.7m		-5181 Jun 01 j 20:06	0°♎	
asc. node	-5184 Oct 19 j 04:59	6°♎35'39			-5181 Jun 26 j 18:28	0°♎	
	-5184 Nov 15 j 09:02	0°♎			-5181 Jul 22 j 02:07	0°♎	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5181 Jul 26 j 22:11	5°♌38'48			-5178 Feb 13 j 18:55	0°♈		
	-5181 Aug 17 j 04:48	0°♍		morning set	-5178 Mar 09 j 15:27	29°♈08'31		
evening max el	-5181 Sep 11 j 05:43	26°♍54'39	47°39'19		-5178 Mar 10 j 08:17	0°♍		
	-5181 Sep 14 j 07:34	0°♎			-5178 Apr 03 j 20:11	0°♋		
greatest brilliancy	-5181 Oct 19 j 15:05	27°♎42'02	-4.7m	max. Earth dist.	-5178 Apr 12 j 08:05	10°♋25'41	1.73675 AU	
	-5181 Oct 26 j 05:44	0°♏						
retrograde	-5181 Nov 01 j 08:06	0°♏44'34		superior conj	-5178 Apr 14 j 16:27	13°♋18'45	0°-41'-53	
	-5181 Nov 07 j 06:04	30°♏♌		minimum elong	-5178 Apr 14 j 23:36	13°♋40'41	0°41'43	
evening set	-5181 Nov 15 j 20:51	26°♎24'57			-5178 Apr 28 j 06:08	0°♍		
asc. node	-5181 Nov 16 j 15:57	25°♎58'03		asc. node	-5178 May 03 j 11:37	6°♍26'23		
min. Earth dist.	-5181 Nov 21 j 03:50	23°♎14'36	0.26978 AU	evening rise	-5178 May 20 j 06:36	27°♍08'55		
inferior conj	-5181 Nov 22 j 01:00	22°♎41'25	1°20'48		-5178 May 22 j 14:01	0°♌		
minimum elong	-5181 Nov 21 j 22:07	22°♎45'57	1°19'47		-5178 Jun 15 j 20:13	0°♍		
morning rise	-5181 Nov 28 j 00:23	19°♎07'21			-5178 Jul 10 j 01:52	0°♎		
direct	-5181 Dec 12 j 11:20	14°♎55'04			-5178 Aug 03 j 08:54	0°♏		
greatest brilliancy	-5181 Dec 23 j 05:59	17°♎06'12	-4.6m	desc. node	-5178 Aug 23 j 10:23	24°♏37'43		
	-5180 Jan 12 j 22:36	0°♏			-5178 Aug 27 j 19:52	0°♍		
morning max el	-5180 Jan 30 j 19:50	16°♏02'08	46°09'12		-5178 Sep 21 j 14:15	0°♎		
	-5180 Feb 13 j 16:30	0°♌			-5178 Oct 16 j 23:02	0°♏		
desc. node	-5180 Mar 07 j 18:27	24°♌53'17			-5178 Nov 12 j 17:33	0°♌		
	-5180 Mar 12 j 08:37	0°♈		evening max el	-5178 Nov 21 j 03:41	8°♌47'14	46°45'28	
	-5180 Apr 07 j 15:50	0°♍		asc. node	-5178 Dec 14 j 03:16	29°♌42'06		
	-5180 May 03 j 04:33	0°♋			-5178 Dec 14 j 12:38	0°♈		
	-5180 May 28 j 03:51	0°♍		greatest brilliancy	-5178 Dec 26 j 18:09	7°♈52'22	-4.6m	
	-5180 Jun 21 j 16:14	0°♌		retrograde	-5177 Jan 10 j 14:58	11°♈54'18		
asc. node	-5180 Jun 28 j 10:38	8°♌21'56		evening set	-5177 Jan 28 j 02:24	5°♈56'16		
	-5180 Jul 15 j 19:47	0°♍		inferior conj	-5177 Jan 31 j 23:09	3°♈29'16	8°07'28	
morning set	-5180 Jul 25 j 11:00	12°♍04'13		minimum elong	-5177 Jan 31 j 19:57	3°♈34'25	8°07'01	
	-5180 Aug 08 j 17:08	0°♎		min. Earth dist.	-5177 Jan 31 j 11:44	3°♈47'39	0.29051 AU	
	-5180 Sep 01 j 11:29	0°♏		morning rise	-5177 Feb 04 j 13:44	1°♈12'02		
					-5177 Feb 06 j 14:01	30°♌♌		
superior conj	-5180 Sep 02 j 06:46	1°♏00'55	1°20'25	direct	-5177 Feb 22 j 09:00	25°♌08'20		
minimum elong	-5180 Sep 02 j 12:42	1°♏19'40	1°20'36	greatest brilliancy	-5177 Mar 06 j 00:25	27°♌33'09	-4.5m	
max. Earth dist.	-5180 Sep 02 j 14:49	1°♏26'18	1.70864 AU		-5177 Mar 11 j 07:17	0°♈		
	-5180 Sep 25 j 05:56	0°♍		desc. node	-5177 Apr 05 j 05:30	18°♈26'55		
evening rise	-5180 Oct 14 j 02:19	23°♍42'23		morning max el	-5177 Apr 12 j 01:52	24°♈46'20	45°50'10	
desc. node	-5180 Oct 18 j 09:15	29°♍05'16			-5177 Apr 17 j 11:26	0°♍		
	-5180 Oct 19 j 02:43	0°♎			-5177 May 15 j 23:57	0°♋		
	-5180 Nov 12 j 02:56	0°♏			-5177 Jun 11 j 08:50	0°♍		
	-5180 Dec 06 j 07:18	0°♌			-5177 Jul 06 j 14:55	0°♌		
	-5180 Dec 30 j 17:26	0°♈		asc. node	-5177 Jul 26 j 22:55	24°♌49'14		
	-5179 Jan 24 j 13:01	0°♍			-5177 Jul 31 j 03:37	0°♍		
asc. node	-5179 Feb 08 j 00:21	17°♍09'28			-5177 Aug 24 j 05:00	0°♎		
	-5179 Feb 19 j 00:43	0°♋			-5177 Sep 17 j 00:25	0°♏		
	-5179 Mar 17 j 17:15	0°♍		morning set	-5177 Oct 09 j 06:13	28°♏05'30		
evening max el	-5179 Apr 14 j 11:20	28°♍28'39	45°13'55		-5177 Oct 10 j 18:30	0°♍		
	-5179 Apr 16 j 02:06	0°♌			-5177 Nov 03 j 14:28	0°♎		
greatest brilliancy	-5179 May 20 j 21:52	25°♌13'05	-4.5m	desc. node	-5177 Nov 15 j 21:52	15°♎25'45		
desc. node	-5179 May 31 j 01:37	27°♌40'47						
retrograde	-5179 Jun 01 j 22:29	27°♌44'43		superior conj	-5177 Nov 20 j 10:55	21°♎06'45	0°-10'-30	
evening set	-5179 Jun 17 j 02:53	23°♌25'39		minimum elong	-5177 Nov 20 j 08:03	20°♎57'46	0°10'28	
inferior conj	-5179 Jun 23 j 01:47	19°♌58'03	-5°-8'-49	behind sun begin	-5177 Nov 19 j 11:01	19°♎52'02		
minimum elong	-5179 Jun 22 j 16:02	20°♌12'49	5°06'14	behind sun end	-5177 Nov 21 j 05:04	22°♎03'28		
min. Earth dist.	-5179 Jun 23 j 10:11	19°♌45'18	0.27790 AU	max. Earth dist.	-5177 Nov 25 j 19:15	27°♎47'26	1.71671 AU	
morning rise	-5179 Jun 28 j 04:36	16°♌56'25			-5177 Nov 27 j 13:45	0°♏		
direct	-5179 Jul 14 j 08:45	12°♌00'16			-5177 Dec 21 j 16:29	0°♌		
greatest brilliancy	-5179 Jul 28 j 16:31	15°♌38'40	-4.6m	evening rise	-5177 Dec 31 j 20:52	12°♌36'52		
	-5179 Aug 18 j 08:29	0°♍			-5176 Jan 14 j 22:37	0°♈		
morning max el	-5179 Sep 02 j 17:35	14°♍30'50	46°44'20		-5176 Feb 08 j 08:46	0°♍		
	-5179 Sep 17 j 08:47	0°♎			-5176 Mar 04 j 00:33	0°♋		
asc. node	-5179 Sep 20 j 20:08	3°♎50'27		asc. node	-5176 Mar 07 j 12:39	4°♋14'06		
	-5179 Oct 13 j 13:02	0°♏			-5176 Mar 29 j 00:16	0°♍		
	-5179 Nov 07 j 12:31	0°♍			-5176 Apr 23 j 11:20	0°♌		
	-5179 Dec 02 j 02:41	0°♎			-5176 May 19 j 16:20	0°♍		
	-5179 Dec 26 j 15:22	0°♏			-5176 Jun 16 j 09:43	0°♎		
desc. node	-5178 Jan 10 j 20:49	18°♏36'15		evening max el	-5176 Jun 26 j 09:54	10°♎03'07	46°34'02	
	-5178 Jan 20 j 04:55	0°♌		desc. node	-5176 Jun 27 j 12:50	11°♎08'30		

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5176 Jul 19 j 06:01	0°♈				-5173 Jan 29 j 14:46	0°♉	
greatest brilliancy	-5176 Aug 05 j 05:14	9°♈39'54	-4.6m					
retrograde	-5176 Aug 15 j 10:30	11°♈35'58		superior conj	-5173 Feb 03 j 08:45	5°♉50'58	-1°-22'-19	
evening set	-5176 Sep 02 j 00:36	5°♈46'37		minimum elong	-5173 Feb 03 j 06:15	5°♉43'15	1°22'37	
inferior conj	-5176 Sep 05 j 02:47	3°♈55'49	-8°-29'-29	max. Earth dist.	-5173 Feb 05 j 03:03	8°♉01'10	1.73291 AU	
minimum elong	-5176 Sep 05 j 09:55	3°♈45'03	8°28'28		-5173 Feb 23 j 00:01	0°♊		
min. Earth dist.	-5176 Sep 05 j 09:12	3°♈46'08	0.26656 AU	evening rise	-5173 Mar 12 j 15:43	21°♊40'22		
morning rise	-5176 Sep 08 j 19:07	1°♈44'19			-5173 Mar 19 j 10:45	0°♋		
	-5176 Sep 11 j 23:16	30°♋♌		asc. node	-5173 Apr 05 j 01:02	20°♋18'46		
direct	-5176 Sep 25 j 11:46	26°♌18'53			-5173 Apr 12 j 23:16	0°♌		
greatest brilliancy	-5176 Oct 08 j 04:46	29°♌19'55	-4.7m		-5173 May 07 j 14:04	0°♍		
	-5176 Oct 09 j 15:01	0°♈			-5173 Jun 01 j 08:02	0°♎		
asc. node	-5176 Oct 18 j 07:01	5°♈09'14			-5173 Jun 26 j 07:16	0°♏		
morning max el	-5176 Nov 15 j 04:53	29°♈50'51	46°44'57		-5173 Jul 21 j 16:21	0°♏		
	-5176 Nov 15 j 08:28	0°♐		desc. node	-5173 Jul 26 j 00:26	5°♏02'55		
	-5176 Dec 13 j 00:40	0°♑			-5173 Aug 16 j 21:48	0°♐		
	-5175 Jan 08 j 02:14	0°♒		evening max el	-5173 Sep 08 j 21:10	24°♐34'28	47°38'54	
	-5175 Feb 02 j 14:28	0°♑			-5173 Sep 14 j 08:07	0°♑		
desc. node	-5175 Feb 07 j 08:54	5°♑38'52		greatest brilliancy	-5173 Oct 17 j 08:17	25°♑20'11	-4.7m	
	-5175 Feb 27 j 19:54	0°♒		retrograde	-5173 Oct 29 j 22:12	28°♑18'30		
	-5175 Mar 24 j 19:51	0°♒		evening set	-5173 Nov 13 j 10:45	23°♑59'52		
	-5175 Apr 18 j 14:15	0°♋		asc. node	-5173 Nov 15 j 18:10	22°♑39'41		
	-5175 May 13 j 02:57	0°♌		min. Earth dist.	-5173 Nov 18 j 18:23	20°♑48'24	0.26919 AU	
morning set	-5175 May 15 j 09:30	2°♌47'38		inferior conj	-5173 Nov 19 j 14:37	20°♑16'42	0°58'04	
asc. node	-5175 May 31 j 00:18	22°♌03'46		minimum elong	-5173 Nov 19 j 12:31	20°♑19'59	0°57'21	
	-5175 Jun 06 j 10:05	0°♍		morning rise	-5173 Nov 25 j 15:18	16°♑40'55		
max. Earth dist.	-5175 Jun 16 j 02:49	12°♍02'41	1.72406 AU	direct	-5173 Dec 10 j 00:42	12°♑31'39		
				greatest brilliancy	-5173 Dec 20 j 19:19	14°♑42'46	-4.6m	
superior conj	-5175 Jun 20 j 11:48	17°♍29'28	0°45'34		-5172 Jan 13 j 08:47	0°♒		
minimum elong	-5175 Jun 20 j 03:54	17°♍04'51	0°45'26	morning max el	-5172 Jan 28 j 09:32	13°♒42'47	46°10'19	
	-5175 Jun 30 j 12:23	0°♎			-5172 Feb 13 j 11:06	0°♑		
	-5175 Jul 24 j 11:27	0°♏		desc. node	-5172 Mar 06 j 20:30	24°♑17'09		
evening rise	-5175 Jul 27 j 07:19	3°♏32'51			-5172 Mar 11 j 23:12	0°♒		
	-5175 Aug 17 j 09:26	0°♈			-5172 Apr 07 j 04:38	0°♒		
	-5175 Sep 10 j 08:34	0°♐			-5172 May 02 j 16:24	0°♋		
desc. node	-5175 Sep 19 j 22:41	11°♐57'46			-5172 May 27 j 15:12	0°♌		
	-5175 Oct 04 j 10:47	0°♑			-5172 Jun 21 j 03:19	0°♍		
	-5175 Oct 28 j 17:53	0°♒		asc. node	-5172 Jun 27 j 12:49	7°♒54'32		
	-5175 Nov 22 j 09:05	0°♑			-5172 Jul 15 j 06:45	0°♎		
	-5175 Dec 17 j 15:48	0°♒		morning set	-5172 Jul 23 j 01:59	9°♎46'16		
asc. node	-5174 Jan 10 j 14:41	27°♒03'01			-5172 Aug 08 j 04:04	0°♏		
	-5174 Jan 13 j 08:08	0°♒						
evening max el	-5174 Jan 31 j 00:31	18°♒09'57	45°21'20	superior conj	-5172 Aug 30 j 18:59	28°♏33'16	1°21'23	
	-5174 Feb 13 j 00:13	0°♋		minimum elong	-5172 Aug 31 j 00:03	28°♏49'16	1°21'35	
greatest brilliancy	-5174 Mar 05 j 21:44	14°♋15'02	-4.5m	max. Earth dist.	-5172 Aug 30 j 16:18	28°♏24'50	1.70882 AU	
retrograde	-5174 Mar 20 j 11:08	17°♋55'04			-5172 Aug 31 j 22:27	0°♈		
evening set	-5174 Apr 05 j 12:26	12°♋59'26			-5172 Sep 24 j 16:59	0°♐		
inferior conj	-5174 Apr 10 j 21:20	9°♋44'14	4°40'28	evening rise	-5172 Oct 11 j 10:49	21°♐03'31		
minimum elong	-5174 Apr 11 j 05:42	9°♋31'09	4°38'25	desc. node	-5172 Oct 17 j 11:20	28°♐36'49		
min. Earth dist.	-5174 Apr 11 j 16:46	9°♋13'51	0.29180 AU		-5172 Oct 18 j 13:52	0°♑		
morning rise	-5174 Apr 16 j 22:37	6°♋05'01			-5172 Nov 11 j 14:12	0°♒		
direct	-5174 May 02 j 18:26	1°♋19'04			-5172 Dec 05 j 18:43	0°♑		
desc. node	-5174 May 02 j 16:32	1°♋19'04			-5172 Dec 30 j 05:08	0°♒		
greatest brilliancy	-5174 May 17 j 03:48	4°♋54'54	-4.5m		-5171 Jan 24 j 01:18	0°♒		
	-5174 Jun 19 j 05:42	0°♌		asc. node	-5171 Feb 07 j 02:29	16°♒38'01		
morning max el	-5174 Jun 21 j 03:37	1°♌50'32	46°09'00		-5171 Feb 18 j 14:13	0°♋		
	-5174 Jul 17 j 23:30	0°♍			-5171 Mar 17 j 09:27	0°♌		
	-5174 Aug 13 j 00:07	0°♎		evening max el	-5171 Apr 12 j 01:05	26°♌12'24	45°12'29	
asc. node	-5174 Aug 23 j 10:49	12°♎30'10			-5171 Apr 16 j 02:40	0°♍		
	-5174 Sep 06 j 19:35	0°♏		greatest brilliancy	-5171 May 18 j 09:39	22°♍54'30	-4.5m	
	-5174 Oct 01 j 00:33	0°♈		retrograde	-5171 May 30 j 11:44	25°♍28'14		
	-5174 Oct 24 j 23:57	0°♐		desc. node	-5171 May 30 j 03:50	25°♍28'07		
	-5174 Nov 17 j 23:26	0°♑		evening set	-5171 Jun 14 j 14:40	21°♍11'29		
	-5174 Dec 12 j 01:43	0°♒		inferior conj	-5171 Jun 20 j 15:54	17°♍41'01	-4°-50'-40	
desc. node	-5174 Dec 13 j 10:34	1°♒41'58		minimum elong	-5171 Jun 20 j 06:30	17°♍55'16	4°48'07	
morning set	-5174 Dec 25 j 13:31	16°♒43'31		min. Earth dist.	-5171 Jun 21 j 01:15	17°♍26'50	0.27836 AU	
	-5173 Jan 05 j 07:06	0°♑		morning rise	-5171 Jun 25 j 21:37	14°♍35'07		

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-5171 Jul 11 j 22:57	9° U 41'59			-5169 Dec 21 j 03:37	0° Z	
greatest brilliancy	-5171 Jul 26 j 09:17	13° U 22'31	-4.6m	evening rise	-5169 Dec 29 j 09:36	10° Z 13'21	
	-5171 Aug 18 j 14:53	0° II			-5168 Jan 14 j 09:46	0° Z	
morning max el	-5171 Aug 31 j 06:52	12° II 06'19	46°43'41		-5168 Feb 07 j 20:04	0° \approx	
	-5171 Sep 17 j 02:51	0° U			-5168 Mar 03 j 12:10	0° K	
asc. node	-5171 Sep 19 j 22:08	3° U 07'13		asc. node	-5168 Mar 06 j 14:39	3° K 44'52	
	-5171 Oct 13 j 03:45	0° Ω			-5168 Mar 28 j 12:32	0° Y	
	-5171 Nov 07 j 01:44	0° M			-5168 Apr 23 j 00:46	0° U	
	-5171 Dec 01 j 15:04	0° U			-5168 May 19 j 08:01	0° II	
	-5171 Dec 26 j 03:13	0° M			-5168 Jun 16 j 06:39	0° U	
desc. node	-5170 Jan 09 j 22:58	18° M 07'26		evening max el	-5168 Jun 23 j 23:20	7° U 40'16	46°30'45
	-5170 Jan 19 j 16:21	0° Z		desc. node	-5168 Jun 26 j 15:03	10° U 13'47	
	-5170 Feb 13 j 06:04	0° Z			-5168 Jul 20 j 05:40	0° Ω	
morning set	-5170 Mar 07 j 08:54	27° Z 01'36		greatest brilliancy	-5168 Aug 02 j 15:35	7° Ω 08'53	-4.6m
	-5170 Mar 09 j 19:14	0° \approx		retrograde	-5168 Aug 12 j 22:43	9° Ω 06'07	
	-5170 Apr 03 j 07:01	0° K		evening set	-5168 Aug 30 j 14:47	3° Ω 13'12	
max. Earth dist.	-5170 Apr 10 j 04:45	8° K 28'32	1.73693 AU	inferior conj	-5168 Sep 02 j 14:40	1° Ω 25'51	-8°-36'-57
				minimum elong	-5168 Sep 02 j 21:03	1° Ω 16'13	8°36'05
superior conj	-5170 Apr 12 j 11:23	11° K 16'18	0°-44'-28	min. Earth dist.	-5168 Sep 02 j 20:50	1° Ω 16'32	0.26688 AU
minimum elong	-5170 Apr 12 j 18:49	11° K 39'07	0°44'17		-5168 Sep 04 j 23:55	30° R U	
	-5170 Apr 27 j 16:58	0° Y		morning rise	-5168 Sep 06 j 03:13	29° U 20'01	
asc. node	-5170 May 02 j 13:47	5° Y 59'37		direct	-5168 Sep 23 j 00:53	23° U 48'34	
evening rise	-5170 May 18 j 01:53	25° Y 06'35		greatest brilliancy	-5168 Oct 05 j 18:16	26° U 50'43	-4.7m
	-5170 May 22 j 00:58	0° U			-5168 Oct 11 j 17:20	0° Ω	
	-5170 Jun 15 j 07:24	0° II		asc. node	-5168 Oct 17 j 09:18	3° Ω 45'32	
	-5170 Jul 09 j 13:26	0° U		morning max el	-5168 Nov 12 j 19:17	27° Ω 26'05	46°45'46
	-5170 Aug 02 j 20:57	0° Ω			-5168 Nov 15 j 07:12	0° M	
desc. node	-5170 Aug 22 j 12:24	24° Ω 05'36			-5168 Dec 12 j 17:15	0° U	
	-5170 Aug 27 j 08:32	0° M			-5167 Jan 07 j 16:21	0° M	
	-5170 Sep 21 j 03:49	0° U			-5167 Feb 02 j 03:16	0° Z	
	-5170 Oct 16 j 14:13	0° M		desc. node	-5167 Feb 06 j 10:57	5° Z 07'29	
	-5170 Nov 12 j 12:47	0° Z			-5167 Feb 27 j 07:55	0° Z	
evening max el	-5170 Nov 18 j 18:27	6° Z 28'21	46°48'40		-5167 Mar 24 j 07:21	0° \approx	
asc. node	-5170 Dec 13 j 05:28	28° Z 33'00			-5167 Apr 18 j 01:27	0° K	
	-5170 Dec 15 j 05:15	0° Z			-5167 May 12 j 14:00	0° Y	
greatest brilliancy	-5170 Dec 24 j 10:45	5° Z 40'17	-4.6m	morning set	-5167 May 13 j 04:28	0° Y 44'25	
retrograde	-5169 Jan 08 j 08:04	9° Z 43'41		asc. node	-5167 May 30 j 02:28	21° Y 36'19	
evening set	-5169 Jan 25 j 17:28	3° Z 48'00			-5167 Jun 05 j 21:07	0° U	
min. Earth dist.	-5169 Jan 29 j 03:24	1° Z 38'46	0.29004 AU	max. Earth dist.	-5167 Jun 13 j 19:07	9° U 49'43	1.72466 AU
inferior conj	-5169 Jan 29 j 15:58	1° Z 18'34	8°04'10				
minimum elong	-5169 Jan 29 j 12:08	1° Z 24'45	8°03'38	superior conj	-5167 Jun 18 j 05:27	15° U 20'28	0°42'51
	-5169 Jan 31 j 17:06	30° R Z		minimum elong	-5167 Jun 17 j 21:52	14° U 56'54	0°42'43
morning rise	-5169 Feb 02 j 07:02	29° Z 00'45			-5167 Jun 29 j 23:30	0° II	
direct	-5169 Feb 20 j 00:33	22° Z 58'11			-5167 Jul 23 j 22:43	0° U	
greatest brilliancy	-5169 Mar 03 j 15:32	25° Z 22'34	-4.5m	evening rise	-5167 Jul 24 j 22:16	1° U 13'51	
	-5169 Mar 12 j 18:25	0° Z			-5167 Aug 16 j 20:53	0° Ω	
desc. node	-5169 Apr 04 j 07:37	17° Z 34'14			-5167 Sep 09 j 20:16	0° M	
morning max el	-5169 Apr 09 j 18:08	22° Z 37'19	45°50'11	desc. node	-5167 Sep 19 j 00:46	11° M 27'25	
	-5169 Apr 17 j 07:48	0° \approx			-5167 Oct 03 j 22:47	0° U	
	-5169 May 15 j 15:06	0° K			-5167 Oct 28 j 06:17	0° M	
	-5169 Jun 10 j 22:00	0° Y			-5167 Nov 21 j 22:08	0° Z	
	-5169 Jul 06 j 03:08	0° U			-5167 Dec 17 j 06:08	0° Z	
asc. node	-5169 Jul 26 j 01:02	24° U 19'25		asc. node	-5166 Jan 09 j 16:50	26° Z 22'58	
	-5169 Jul 30 j 15:20	0° II			-5166 Jan 13 j 01:36	0° \approx	
	-5169 Aug 23 j 16:29	0° U		evening max el	-5166 Jan 28 j 16:52	15° \approx 59'49	45°23'21
	-5169 Sep 16 j 11:48	0° Ω			-5166 Feb 13 j 06:48	0° K	
morning set	-5169 Oct 06 j 16:24	25° Ω 30'24		greatest brilliancy	-5166 Mar 03 j 14:21	12° K 07'57	-4.5m
	-5169 Oct 10 j 05:50	0° M		retrograde	-5166 Mar 18 j 03:41	15° K 48'00	
	-5169 Nov 03 j 01:44	0° U		evening set	-5166 Apr 03 j 07:36	10° K 48'53	
desc. node	-5169 Nov 15 j 00:04	14° U 57'28		inferior conj	-5166 Apr 08 j 14:09	7° K 36'26	4°55'39
				minimum elong	-5166 Apr 08 j 22:43	7° K 22'59	4°53'36
superior conj	-5169 Nov 17 j 20:05	18° U 30'14	0°-6'-34	min. Earth dist.	-5166 Apr 09 j 09:04	7° K 06'46	0.29214 AU
minimum elong	-5169 Nov 17 j 18:15	18° U 24'32	0°06'35	morning rise	-5166 Apr 14 j 13:33	3° K 59'21	
behind sun begin	-5169 Nov 16 j 17:11	17° U 06'05			-5166 Apr 24 j 00:55	30° R \approx	
behind sun end	-5169 Nov 18 j 19:20	19° U 42'57		direct	-5166 Apr 30 j 11:44	29° \approx 10'55	
max. Earth dist.	-5169 Nov 23 j 02:38	25° U 05'45	1.71611 AU	desc. node	-5166 May 01 j 18:47	29° \approx 12'50	
	-5169 Nov 27 j 00:56	0° M			-5166 May 07 j 03:08	0° K	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5166 May 14 j 17:43	2° H 42'52	-4.5m			-5163 Jan 23 j 13:54	0° \approx	
morning max el	-5166 Jun 18 j 19:31	29° H 38'25	46°07'41	asc. node		-5163 Feb 06 j 04:33	16° \approx 05'30	
	-5166 Jun 19 j 04:25	0° Y				-5163 Feb 18 j 04:04	0° H	
	-5166 Jul 17 j 15:37	0° B				-5163 Mar 17 j 02:11	0° Y	
	-5166 Aug 12 j 14:00	0° II		evening max el		-5163 Apr 09 j 15:08	23° Y 56'32	45°11'14
asc. node	-5166 Aug 22 j 12:52	11° II 56'07				-5163 Apr 16 j 04:43	0° B	
	-5166 Sep 06 j 08:24	0° S		greatest brilliancy		-5163 May 15 j 20:33	20° B 35'05	-4.5m
	-5166 Sep 30 j 12:47	0° Q		retrograde		-5163 May 28 j 01:40	23° B 12'18	
	-5166 Oct 24 j 11:50	0° M		desc. node		-5163 May 29 j 05:56	23° B 10'42	
	-5166 Nov 17 j 11:06	0° A		evening set		-5163 Jun 12 j 02:52	18° B 57'20	
	-5166 Dec 11 j 13:12	0° L		inferior conj		-5163 Jun 18 j 06:13	15° B 24'16	-4°-32'-7
desc. node	-5166 Dec 12 j 12:38	1° L 12'46		minimum elong		-5163 Jun 17 j 21:12	15° B 37'54	4°29'38
morning set	-5166 Dec 23 j 01:00	14° L 15'13		min. Earth dist.		-5163 Jun 18 j 16:11	15° B 09'09	0.27885 AU
	-5165 Jan 04 j 18:24	0° J		morning rise		-5163 Jun 23 j 14:48	12° B 14'29	
	-5165 Jan 29 j 01:56	0° Z		direct		-5163 Jul 09 j 13:39	7° B 23'59	
				greatest brilliancy		-5163 Jul 24 j 02:48	11° B 07'35	-4.6m
superior conj	-5165 Feb 01 j 00:06	3° Z 36'04	-1°-21'-50			-5163 Aug 18 j 19:27	0° II	
minimum elong	-5165 Jan 31 j 20:50	3° Z 26'01	1°22'07	morning max el		-5163 Aug 28 j 21:08	9° II 43'56	46°42'46
max. Earth dist.	-5165 Feb 02 j 23:46	6° Z 02'50	1.73246 AU			-5163 Sep 16 j 20:46	0° S	
	-5165 Feb 22 j 11:06	0° \approx		asc. node		-5163 Sep 19 j 00:26	2° S 24'40	
evening rise	-5165 Mar 10 j 09:38	19° \approx 34'05				-5163 Oct 12 j 18:36	0° Q	
	-5165 Mar 18 j 21:52	0° H				-5163 Nov 06 j 15:12	0° M	
asc. node	-5165 Apr 04 j 03:16	19° H 51'13				-5163 Dec 01 j 03:43	0° A	
	-5165 Apr 12 j 10:35	0° Y				-5163 Dec 25 j 15:16	0° L	
	-5165 May 07 j 01:47	0° B		desc. node		-5162 Jan 09 j 01:00	17° L 37'41	
	-5165 May 31 j 20:23	0° II				-5162 Jan 19 j 03:58	0° J	
	-5165 Jun 25 j 20:34	0° S				-5162 Feb 12 j 17:21	0° Z	
	-5165 Jul 21 j 07:13	0° Q		morning set		-5162 Mar 05 j 02:16	24° Z 53'56	
desc. node	-5165 Jul 25 j 02:26	4° Q 24'38				-5162 Mar 09 j 06:19	0° \approx	
	-5165 Aug 16 j 15:40	0° M				-5162 Apr 02 j 18:00	0° H	
evening max el	-5165 Sep 06 j 11:46	22° M 10'41	47°38'27	max. Earth dist.		-5162 Apr 08 j 02:47	6° H 35'10	1.73709 AU
	-5165 Sep 14 j 10:30	0° A						
greatest brilliancy	-5165 Oct 15 j 01:55	22° A 57'26	-4.7m	superior conj		-5162 Apr 10 j 06:30	9° H 13'56	0°-46'-59
retrograde	-5165 Oct 27 j 11:43	25° A 51'05		minimum elong		-5162 Apr 10 j 14:11	9° H 37'33	0°46'49
evening set	-5165 Nov 11 j 00:46	21° A 33'07				-5162 Apr 27 j 03:57	0° Y	
asc. node	-5165 Nov 14 j 20:23	19° A 17'55		asc. node		-5162 May 01 j 15:58	5° Y 32'28	
min. Earth dist.	-5165 Nov 16 j 09:11	18° A 20'35	0.26859 AU	evening rise		-5162 May 15 j 21:33	23° Y 05'06	
inferior conj	-5165 Nov 17 j 04:11	17° A 50'48	0°35'12			-5162 May 21 j 12:03	0° B	
minimum elong	-5165 Nov 17 j 02:54	17° A 52'48	0°34'44			-5162 Jun 14 j 18:43	0° II	
morning rise	-5165 Nov 23 j 05:58	14° A 13'26				-5162 Jul 09 j 01:05	0° S	
direct	-5165 Dec 07 j 13:28	10° A 06'57				-5162 Aug 02 j 09:06	0° Q	
greatest brilliancy	-5165 Dec 18 j 09:27	12° A 19'01	-4.6m	desc. node		-5162 Aug 21 j 14:32	23° Q 33'30	
	-5164 Jan 13 j 16:38	0° L				-5162 Aug 26 j 21:21	0° M	
morning max el	-5164 Jan 25 j 22:36	11° L 20'46	46°11'30			-5162 Sep 20 j 17:38	0° A	
	-5164 Feb 13 j 05:33	0° J				-5162 Oct 16 j 05:51	0° L	
desc. node	-5164 Mar 05 j 22:34	23° J 40'36				-5162 Nov 12 j 08:53	0° J	
	-5164 Mar 11 j 13:54	0° Z		evening max el		-5162 Nov 16 j 10:14	4° J 11'09	46°51'53
	-5164 Apr 06 j 17:37	0° \approx		asc. node		-5162 Dec 12 j 07:36	27° J 20'59	
	-5164 May 02 j 04:29	0° H				-5162 Dec 16 j 04:24	0° Z	
	-5164 May 27 j 02:46	0° Y		greatest brilliancy		-5162 Dec 22 j 03:35	3° Z 27'32	-4.6m
	-5164 Jun 20 j 14:39	0° B		retrograde		-5161 Jan 06 j 01:30	7° Z 31'57	
asc. node	-5164 Jun 26 j 14:54	7° B 26'04		evening set		-5161 Jan 23 j 08:14	1° Z 38'58	
	-5164 Jul 14 j 18:00	0° II				-5161 Jan 25 j 23:27	30° R J	
morning set	-5164 Jul 20 j 17:00	7° II 27'34		inferior conj		-5161 Jan 27 j 08:40	29° J 06'48	8°00'09
	-5164 Aug 07 j 15:20	0° S		minimum elong		-5161 Jan 27 j 04:11	29° J 13'59	7°59'33
				min. Earth dist.		-5161 Jan 26 j 18:38	29° J 29'19	0.28949 AU
superior conj	-5164 Aug 28 j 07:02	26° S 03'58	1°22'11	morning rise		-5161 Jan 31 j 00:25	26° J 48'13	
minimum elong	-5164 Aug 28 j 11:10	26° S 17'04	1°22'25	direct		-5161 Feb 17 j 16:27	20° J 47'13	
max. Earth dist.	-5164 Aug 27 j 18:35	25° S 24'41	1.70909 AU	greatest brilliancy		-5161 Mar 01 j 05:53	23° J 10'39	-4.5m
	-5164 Aug 31 j 09:47	0° Q				-5161 Mar 13 j 19:35	0° Z	
	-5164 Sep 24 j 04:25	0° M		desc. node		-5161 Apr 03 j 09:55	16° Z 42'53	
evening rise	-5164 Oct 08 j 18:55	18° M 22'12		morning max el		-5161 Apr 07 j 10:55	20° Z 29'27	45°50'17
desc. node	-5164 Oct 16 j 13:30	28° M 07'35				-5161 Apr 17 j 03:34	0° \approx	
	-5164 Oct 18 j 01:22	0° A				-5161 May 15 j 06:04	0° H	
	-5164 Nov 11 j 01:46	0° L				-5161 Jun 10 j 11:05	0° Y	
	-5164 Dec 05 j 06:25	0° J				-5161 Jul 05 j 15:17	0° B	
	-5164 Dec 29 j 17:08	0° Z		asc. node		-5161 Jul 25 j 03:07	23° B 49'40	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5161 Jul 30 j 03:00	0°♈			-5158 Jan 12 j 19:12	0°♊	
	-5161 Aug 23 j 03:55	0°♉		evening max el	-5158 Jan 26 j 08:27	13°♊48'08	45°25'17
	-5161 Sep 15 j 23:07	0°♈			-5158 Feb 13 j 15:39	0°♋	
morning set	-5161 Oct 04 j 02:59	22°♈56'44		greatest brilliancy	-5158 Mar 01 j 07:09	10°♋01'25	-4.5m
	-5161 Oct 09 j 17:06	0°♎		retrograde	-5158 Mar 15 j 19:57	13°♋41'33	
	-5161 Nov 02 j 12:59	0°♏		evening set	-5158 Apr 01 j 02:48	8°♋38'53	
desc. node	-5161 Nov 14 j 02:09	14°♏28'45		inferior conj	-5158 Apr 06 j 07:02	5°♋29'24	5°10'17
				minimum elong	-5158 Apr 06 j 15:45	5°♋15'41	5°08'16
superior conj	-5161 Nov 15 j 05:00	15°♏52'48	0°-2'-37	min. Earth dist.	-5158 Apr 07 j 01:42	5°♋00'02	0.29243 AU
minimum elong	-5161 Nov 15 j 04:15	15°♏50'27	0°02'39	morning rise	-5158 Apr 12 j 04:23	1°♋54'34	
behind sun begin	-5161 Nov 14 j 01:21	14°♏26'17			-5158 Apr 15 j 20:56	30°♋	
behind sun end	-5161 Nov 16 j 07:08	17°♏14'35		direct	-5158 Apr 28 j 04:33	27°♋03'32	
max. Earth dist.	-5161 Nov 20 j 11:37	22°♏28'47	1.71560 AU	desc. node	-5158 Apr 30 j 20:50	27°♋11'41	
	-5161 Nov 26 j 12:09	0°♌			-5158 May 11 j 03:13	0°♋	
	-5161 Dec 20 j 14:49	0°♍		greatest brilliancy	-5158 May 12 j 07:59	0°♋31'59	-4.5m
evening rise	-5161 Dec 26 j 21:49	7°♍47'57		morning max el	-5158 Jun 16 j 10:32	27°♋25'03	46°06'29
	-5160 Jan 13 j 20:59	0°♎			-5158 Jun 19 j 01:56	0°♌	
	-5160 Feb 07 j 07:23	0°♏			-5158 Jul 17 j 07:09	0°♍	
	-5160 Mar 02 j 23:47	0°♋			-5158 Aug 12 j 03:26	0°♈	
asc. node	-5160 Mar 05 j 16:55	3°♋16'27		asc. node	-5158 Aug 21 j 15:06	11°♈23'45	
	-5160 Mar 28 j 00:48	0°♌			-5158 Sep 05 j 20:51	0°♉	
	-5160 Apr 22 j 14:15	0°♍			-5158 Sep 30 j 00:41	0°♈	
	-5160 May 18 j 23:51	0°♈			-5158 Oct 23 j 23:23	0°♎	
	-5160 Jun 16 j 04:10	0°♉			-5158 Nov 16 j 22:25	0°♏	
evening max el	-5160 Jun 21 j 13:31	5°♉19'50	46°27'27		-5158 Dec 11 j 00:19	0°♌	
desc. node	-5160 Jun 25 j 17:08	9°♉18'12		desc. node	-5158 Dec 11 j 14:41	0°♌44'39	
	-5160 Jul 21 j 13:36	0°♈		morning set	-5158 Dec 20 j 12:37	11°♌48'25	
greatest brilliancy	-5160 Jul 31 j 02:34	4°♈39'55	-4.6m		-5157 Jan 04 j 05:21	0°♍	
retrograde	-5160 Aug 10 j 11:02	6°♈37'38			-5157 Jan 28 j 12:45	0°♎	
evening set	-5160 Aug 28 j 04:53	0°♈42'06					
	-5160 Aug 29 j 09:17	30°♈		superior conj	-5157 Jan 29 j 15:27	1°♎22'14	-1°-21'-13
inferior conj	-5160 Aug 31 j 02:49	28°♈57'29	-8°-43'-15	minimum elong	-5157 Jan 29 j 11:26	1°♎09'53	1°21'29
minimum elong	-5160 Aug 31 j 08:23	28°♈49'05	8°42'33	max. Earth dist.	-5157 Jan 31 j 19:38	4°♎02'55	1.73203 AU
min. Earth dist.	-5160 Aug 31 j 08:40	28°♈48'38	0.26717 AU		-5157 Feb 21 j 21:52	0°♏	
morning rise	-5160 Sep 03 j 11:49	26°♈56'51		evening rise	-5157 Mar 08 j 03:24	17°♏28'10	
direct	-5160 Sep 20 j 14:17	21°♈20'10			-5157 Mar 18 j 08:42	0°♋	
greatest brilliancy	-5160 Oct 03 j 07:14	24°♈22'08	-4.7m	asc. node	-5157 Apr 03 j 05:24	19°♋24'19	
	-5160 Oct 13 j 02:16	0°♈			-5157 Apr 11 j 21:37	0°♌	
asc. node	-5160 Oct 16 j 11:29	2°♈25'32			-5157 May 06 j 13:12	0°♍	
morning max el	-5160 Nov 10 j 08:55	25°♈00'05	46°46'22		-5157 May 31 j 08:25	0°♈	
	-5160 Nov 15 j 04:46	0°♎			-5157 Jun 25 j 09:35	0°♉	
	-5160 Dec 12 j 09:22	0°♏			-5157 Jul 20 j 21:51	0°♈	
	-5159 Jan 07 j 06:14	0°♌		desc. node	-5157 Jul 24 j 04:35	3°♈47'40	
	-5159 Feb 01 j 15:56	0°♍			-5157 Aug 16 j 09:31	0°♎	
desc. node	-5159 Feb 05 j 13:04	4°♍36'39		evening max el	-5157 Sep 04 j 01:20	19°♎45'21	47°37'49
	-5159 Feb 26 j 19:48	0°♎			-5157 Sep 14 j 13:56	0°♏	
	-5159 Mar 23 j 18:43	0°♏		greatest brilliancy	-5157 Oct 12 j 19:27	20°♏35'20	-4.7m
	-5159 Apr 17 j 12:28	0°♋		retrograde	-5157 Oct 25 j 01:00	23°♏24'44	
morning set	-5159 May 10 j 23:27	28°♋41'56		evening set	-5157 Nov 08 j 14:54	19°♏06'51	
	-5159 May 12 j 00:52	0°♌		asc. node	-5157 Nov 13 j 22:28	15°♏56'05	
asc. node	-5159 May 29 j 04:30	21°♌09'05		min. Earth dist.	-5157 Nov 14 j 00:10	15°♏53'26	0.26804 AU
	-5159 Jun 05 j 07:57	0°♍		inferior conj	-5157 Nov 14 j 17:44	15°♏25'56	0°12'11
max. Earth dist.	-5159 Jun 11 j 11:13	7°♍36'58	1.72528 AU	minimum elong	-5157 Nov 14 j 17:17	15°♏26'38	0°11'59
				transit middle	-5157 Nov 14 j 17:17	15°♏26'38	0°11'59
superior conj	-5159 Jun 15 j 23:19	13°♍12'57	0°40'06	transit begin	-5157 Nov 14 j 14:28	15°♏31'03	
minimum elong	-5159 Jun 15 j 16:07	12°♍50'34	0°39'59	transit end	-5157 Nov 14 j 20:07	15°♏22'13	
	-5159 Jun 29 j 10:26	0°♈		morning rise	-5157 Nov 20 j 20:27	11°♏47'17	
evening rise	-5159 Jul 22 j 13:40	28°♈56'57		direct	-5157 Dec 05 j 01:51	7°♏42'58	
	-5159 Jul 23 j 09:47	0°♉		greatest brilliancy	-5157 Dec 16 j 00:23	9°♏57'09	-4.6m
	-5159 Aug 16 j 08:08	0°♈			-5156 Jan 13 j 21:42	0°♌	
	-5159 Sep 09 j 07:44	0°♎		morning max el	-5156 Jan 23 j 11:43	8°♌59'51	46°12'49
desc. node	-5159 Sep 18 j 03:00	10°♎58'22			-5156 Feb 12 j 23:05	0°♍	
	-5159 Oct 03 j 10:31	0°♏		desc. node	-5156 Mar 05 j 00:51	23°♍06'04	
	-5159 Oct 27 j 18:26	0°♌			-5156 Mar 11 j 04:01	0°♎	
	-5159 Nov 21 j 10:58	0°♍			-5156 Apr 06 j 06:09	0°♏	
	-5159 Dec 16 j 20:18	0°♎			-5156 May 01 j 16:12	0°♋	
asc. node	-5158 Jan 08 j 18:56	25°♎43'01			-5156 May 26 j 14:02	0°♌	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 50

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5156 Jun 20 j 01:40	0°♄		retrograde	-5153 Jan 03 j 18:58	5°♄20'00	
asc. node	-5156 Jun 25 j 17:03	6°♄58'42			-5153 Jan 20 j 02:53	30°♄21'	
	-5156 Jul 14 j 04:54	0°♄		evening set	-5153 Jan 20 j 22:41	29°♄30'11	
morning set	-5156 Jul 18 j 08:09	5°♄10'32		min. Earth dist.	-5153 Jan 24 j 09:29	27°♄19'59	0.28891 AU
	-5156 Aug 07 j 02:14	0°♄		inferior conj	-5153 Jan 25 j 01:10	26°♄54'51	7°55'27
max. Earth dist.	-5156 Aug 25 j 01:13	22°♄39'28	1.70940 AU	minimum elong	-5153 Jan 24 j 20:06	27°♄02'59	7°54'45
				morning rise	-5153 Jan 28 j 17:51	24°♄35'05	
superior conj	-5156 Aug 25 j 19:15	23°♄36'23	1°22'49	direct	-5153 Feb 15 j 08:39	18°♄36'18	
minimum elong	-5156 Aug 25 j 22:28	23°♄46'35	1°23'05	greatest brilliancy	-5153 Feb 26 j 19:11	20°♄57'44	-4.5m
	-5156 Aug 30 j 20:46	0°♄			-5153 Mar 14 j 13:56	0°♄	
	-5156 Sep 23 j 15:30	0°♄		desc. node	-5153 Apr 02 j 11:55	15°♄52'16	
evening rise	-5156 Oct 06 j 03:14	15°♄42'40		morning max el	-5153 Apr 05 j 03:36	18°♄21'55	45°50'27
desc. node	-5156 Oct 15 j 15:33	27°♄38'57			-5153 Apr 16 j 22:34	0°♄	
	-5156 Oct 17 j 12:34	0°♄			-5153 May 14 j 20:38	0°♄	
	-5156 Nov 10 j 13:03	0°♄			-5153 Jun 09 j 23:53	0°♄	
	-5156 Dec 04 j 17:50	0°♄			-5153 Jul 05 j 03:14	0°♄	
	-5156 Dec 29 j 04:49	0°♄		asc. node	-5153 Jul 24 j 05:22	23°♄20'47	
	-5155 Jan 23 j 02:12	0°♄			-5153 Jul 29 j 14:32	0°♄	
asc. node	-5155 Feb 05 j 06:50	15°♄34'39			-5153 Aug 22 j 15:15	0°♄	
	-5155 Feb 17 j 17:40	0°♄			-5153 Sep 15 j 10:22	0°♄	
	-5155 Mar 16 j 18:51	0°♄		morning set	-5153 Oct 01 j 13:24	20°♄22'45	
evening max el	-5155 Apr 07 j 05:46	21°♄43'11	45°10'00		-5153 Oct 09 j 04:17	0°♄	
	-5155 Apr 16 j 07:53	0°♄			-5153 Nov 02 j 00:07	0°♄	
greatest brilliancy	-5155 May 13 j 07:08	18°♄16'18	-4.5m				
retrograde	-5155 May 25 j 16:11	20°♄57'14		superior conj	-5153 Nov 12 j 13:38	13°♄14'46	0°01'26
desc. node	-5155 May 28 j 08:03	20°♄49'00		minimum elong	-5153 Nov 12 j 14:00	13°♄15'55	0°01'22
evening set	-5155 Jun 09 j 15:19	16°♄43'53		behind sun begin	-5153 Nov 11 j 10:55	11°♄51'06	
inferior conj	-5155 Jun 15 j 20:30	13°♄08'18	-4°-13'-12	behind sun end	-5153 Nov 13 j 17:05	14°♄40'42	
minimum elong	-5155 Jun 15 j 11:57	13°♄21'15	4°10'47	desc. node	-5153 Nov 13 j 04:10	14°♄00'16	
min. Earth dist.	-5155 Jun 16 j 06:50	12°♄52'41	0.27933 AU	max. Earth dist.	-5153 Nov 17 j 23:21	20°♄00'39	1.71506 AU
morning rise	-5155 Jun 21 j 07:52	9°♄54'53			-5153 Nov 25 j 23:15	0°♄	
direct	-5155 Jul 07 j 04:48	5°♄06'55			-5153 Dec 20 j 01:54	0°♄	
greatest brilliancy	-5155 Jul 21 j 20:01	8°♄53'19	-4.6m	evening rise	-5153 Dec 24 j 09:49	5°♄22'09	
	-5155 Aug 18 j 22:00	0°♄			-5152 Jan 13 j 08:07	0°♄	
morning max el	-5155 Aug 26 j 12:12	7°♄24'47	46°41'52		-5152 Feb 06 j 18:39	0°♄	
	-5155 Sep 16 j 13:57	0°♄			-5152 Mar 02 j 11:22	0°♄	
asc. node	-5155 Sep 18 j 02:38	1°♄43'16		asc. node	-5152 Mar 04 j 19:04	2°♄47'51	
	-5155 Oct 12 j 08:57	0°♄			-5152 Mar 27 j 13:02	0°♄	
	-5155 Nov 06 j 04:14	0°♄			-5152 Apr 22 j 03:44	0°♄	
	-5155 Nov 30 j 15:58	0°♄			-5152 May 18 j 15:49	0°♄	
	-5155 Dec 25 j 03:00	0°♄			-5152 Jun 16 j 02:26	0°♄	
desc. node	-5154 Jan 08 j 03:09	17°♄09'07		evening max el	-5152 Jun 19 j 03:04	2°♄58'06	46°23'56
	-5154 Jan 18 j 15:17	0°♄		desc. node	-5152 Jun 24 j 19:17	8°♄21'39	
	-5154 Feb 12 j 04:22	0°♄			-5152 Jul 23 j 12:30	0°♄	
morning set	-5154 Mar 02 j 19:40	22°♄47'12		greatest brilliancy	-5152 Jul 28 j 14:07	2°♄11'23	-4.6m
	-5154 Mar 08 j 17:07	0°♄		retrograde	-5152 Aug 07 j 22:38	4°♄08'32	
	-5154 Apr 02 j 04:42	0°♄			-5152 Aug 22 j 13:09	30°♄00'	
max. Earth dist.	-5154 Apr 06 j 02:30	4°♄47'52	1.73724 AU	evening set	-5152 Aug 25 j 18:27	28°♄11'08	
				inferior conj	-5152 Aug 28 j 14:49	26°♄28'39	-8°-48'-36
superior conj	-5154 Apr 08 j 01:38	7°♄12'31	0°-49'-25	minimum elong	-5152 Aug 28 j 19:29	26°♄21'35	8°48'02
minimum elong	-5154 Apr 08 j 09:33	7°♄36'50	0°49'16	min. Earth dist.	-5152 Aug 28 j 20:37	26°♄19'53	0.26750 AU
	-5154 Apr 26 j 14:40	0°♄		morning rise	-5152 Aug 31 j 20:29	24°♄32'41	
asc. node	-5154 Apr 30 j 18:01	5°♄05'45		direct	-5152 Sep 18 j 03:07	18°♄51'08	
evening rise	-5154 May 13 j 17:14	21°♄04'31		greatest brilliancy	-5152 Sep 30 j 20:27	21°♄53'05	-4.7m
	-5154 May 20 j 22:54	0°♄			-5152 Oct 14 j 02:15	0°♄	
	-5154 Jun 14 j 05:49	0°♄		asc. node	-5152 Oct 15 j 13:34	1°♄07'14	
	-5154 Jul 08 j 12:34	0°♄		morning max el	-5152 Nov 07 j 21:25	22°♄30'33	46°47'01
	-5154 Aug 01 j 21:05	0°♄			-5152 Nov 15 j 01:46	0°♄	
desc. node	-5154 Aug 20 j 16:44	23°♄02'12			-5152 Dec 12 j 01:18	0°♄	
	-5154 Aug 26 j 10:00	0°♄			-5151 Jan 06 j 20:02	0°♄	
	-5154 Sep 20 j 07:19	0°♄			-5151 Feb 01 j 04:33	0°♄	
	-5154 Oct 15 j 21:27	0°♄		desc. node	-5151 Feb 04 j 15:16	4°♄06'05	
	-5154 Nov 12 j 05:23	0°♄			-5151 Feb 26 j 07:41	0°♄	
evening max el	-5154 Nov 14 j 02:40	1°♄56'08	46°54'57		-5151 Mar 23 j 06:06	0°♄	
asc. node	-5154 Dec 11 j 09:47	26°♄07'20			-5151 Apr 16 j 23:33	0°♄	
	-5154 Dec 17 j 12:30	0°♄		morning set	-5151 May 08 j 18:33	26°♄39'38	
greatest brilliancy	-5154 Dec 19 j 21:14	1°♄16'07	-4.6m		-5151 May 11 j 11:47	0°♄	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 51

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5151 May 28 j 06:42	20° Υ 42'10		inferior conj	-5149 Nov 12 j 07:09	12° $\underline{\Delta}$ 59'43	0°-11'-6
	-5151 Jun 04 j 18:51	0° B		minimum elong	-5149 Nov 12 j 07:33	12° $\underline{\Delta}$ 59'05	0°11'02
max. Earth dist.	-5151 Jun 09 j 04:20	5° B 27'14	1.72588 AU	transit middle	-5149 Nov 12 j 07:33	12° $\underline{\Delta}$ 59'05	0°11'02
				transit begin	-5149 Nov 12 j 04:31	13° $\underline{\Delta}$ 03'49	
superior conj	-5151 Jun 13 j 17:28	11° B 06'14	0°37'19	transit end	-5149 Nov 12 j 10:36	12° $\underline{\Delta}$ 54'20	
minimum elong	-5151 Jun 13 j 10:40	10° B 45'07	0°37'12	asc. node	-5149 Nov 13 j 00:43	12° $\underline{\Delta}$ 32'19	
	-5151 Jun 28 j 21:24	0° II		morning rise	-5149 Nov 18 j 10:42	9° $\underline{\Delta}$ 20'11	
evening rise	-5151 Jul 20 j 05:25	26° II 41'08		direct	-5149 Dec 02 j 14:16	5° $\underline{\Delta}$ 17'18	
	-5151 Jul 22 j 20:55	0° S		greatest brilliancy	-5149 Dec 13 j 15:44	7° $\underline{\Delta}$ 34'23	-4.6m
	-5151 Aug 15 j 19:29	0° Ω			-5148 Jan 14 j 01:32	0° M	
	-5151 Sep 08 j 19:21	0° M		morning max el	-5148 Jan 21 j 01:33	6° M 39'13	46°14'07
desc. node	-5151 Sep 17 j 04:59	10° M 28'00			-5148 Feb 12 j 16:43	0° A	
	-5151 Oct 02 j 22:29	0° $\underline{\Delta}$		desc. node	-5148 Mar 04 j 02:53	22° A 29'51	
	-5151 Oct 27 j 06:50	0° M			-5148 Mar 10 j 18:24	0° B	
	-5151 Nov 21 j 00:04	0° A			-5148 Apr 05 j 19:00	0° \approx	
	-5151 Dec 16 j 10:51	0° B			-5148 May 01 j 04:13	0° H	
asc. node	-5150 Jan 07 j 21:12	25° B 02'29			-5148 May 26 j 01:36	0° Υ	
	-5150 Jan 12 j 13:26	0° \approx			-5148 Jun 19 j 13:00	0° B	
evening max el	-5150 Jan 23 j 22:58	11° \approx 33'09	45°27'26	asc. node	-5148 Jun 24 j 19:12	6° B 30'22	
	-5150 Feb 14 j 04:01	0° H			-5148 Jul 13 j 16:08	0° II	
greatest brilliancy	-5150 Feb 26 j 22:54	7° H 52'50	-4.5m	morning set	-5148 Jul 15 j 23:32	2° II 53'15	
retrograde	-5150 Mar 13 j 12:07	11° H 34'33			-5148 Aug 06 j 13:27	0° S	
evening set	-5150 Mar 29 j 21:58	6° H 27'57		max. Earth dist.	-5148 Aug 22 j 10:29	20° S 01'38	1.70967 AU
inferior conj	-5150 Apr 03 j 23:52	3° H 21'41	5°24'33				
minimum elong	-5150 Apr 04 j 08:41	3° H 07'47	5°22'34	superior conj	-5148 Aug 23 j 07:51	21° S 09'06	1°23'18
min. Earth dist.	-5150 Apr 04 j 18:26	2° H 52'26	0.29272 AU	minimum elong	-5148 Aug 23 j 10:11	21° S 16'25	1°23'34
	-5150 Apr 09 j 11:38	30° R \approx			-5148 Aug 30 j 08:02	0° Ω	
morning rise	-5150 Apr 09 j 19:03	29° \approx 49'24			-5148 Sep 23 j 02:51	0° M	
direct	-5150 Apr 25 j 20:54	24° \approx 55'14		evening rise	-5148 Oct 03 j 12:01	13° M 03'45	
desc. node	-5150 Apr 29 j 23:00	25° \approx 13'59		desc. node	-5148 Oct 14 j 17:37	27° M 09'37	
greatest brilliancy	-5150 May 09 j 23:14	28° \approx 21'39	-4.5m		-5148 Oct 17 j 00:00	0° $\underline{\Delta}$	
	-5150 May 13 j 06:04	0° H			-5148 Nov 10 j 00:36	0° M	
morning max el	-5150 Jun 14 j 01:33	25° H 11'11	46°05'32		-5148 Dec 04 j 05:33	0° A	
	-5150 Jun 18 j 22:56	0° Υ			-5148 Dec 28 j 16:53	0° B	
	-5150 Jul 16 j 22:38	0° B			-5147 Jan 22 j 14:56	0° \approx	
	-5150 Aug 11 j 16:54	0° II		asc. node	-5147 Feb 04 j 08:56	15° \approx 01'56	
asc. node	-5150 Aug 20 j 17:16	10° II 50'53			-5147 Feb 17 j 07:48	0° H	
	-5150 Sep 05 j 09:23	0° S			-5147 Mar 16 j 12:18	0° Υ	
	-5150 Sep 29 j 12:42	0° Ω		evening max el	-5147 Apr 04 j 21:10	19° Υ 30'41	45°08'59
	-5150 Oct 23 j 11:08	0° M			-5147 Apr 16 j 13:21	0° B	
	-5150 Nov 16 j 09:59	0° $\underline{\Delta}$		greatest brilliancy	-5147 May 10 j 18:03	15° B 57'05	-4.5m
	-5150 Dec 10 j 11:43	0° M		retrograde	-5147 May 23 j 06:49	18° B 41'06	
desc. node	-5150 Dec 10 j 16:52	0° M 16'00		desc. node	-5147 May 27 j 10:16	18° B 21'02	
morning set	-5150 Dec 17 j 23:38	9° M 18'33		evening set	-5147 Jun 07 j 04:02	14° B 29'21	
	-5149 Jan 03 j 16:35	0° A		inferior conj	-5147 Jun 13 j 10:47	10° B 51'18	-3°-53'-59
				minimum elong	-5147 Jun 13 j 02:44	11° B 03'29	3°51'39
superior conj	-5149 Jan 27 j 06:17	29° A 05'55	-1°-20'-28	min. Earth dist.	-5147 Jun 13 j 21:17	10° B 35'24	0.27981 AU
minimum elong	-5149 Jan 27 j 01:31	28° A 51'13	1°20'42	morning rise	-5147 Jun 19 j 00:48	7° B 34'18	
	-5149 Jan 27 j 23:51	0° B		direct	-5147 Jul 04 j 20:18	2° B 48'59	
max. Earth dist.	-5149 Jan 29 j 13:28	1° B 55'54	1.73155 AU	greatest brilliancy	-5147 Jul 19 j 12:16	6° B 36'49	-4.6m
	-5149 Feb 21 j 08:55	0° \approx			-5147 Aug 18 j 23:37	0° II	
evening rise	-5149 Mar 05 j 20:49	15° \approx 20'23		morning max el	-5147 Aug 24 j 03:34	5° II 05'30	46°40'58
	-5149 Mar 17 j 19:49	0° H			-5147 Sep 16 j 07:10	0° S	
asc. node	-5149 Apr 02 j 07:26	18° H 56'08		asc. node	-5147 Sep 17 j 04:38	1° S 00'47	
	-5149 Apr 11 j 08:59	0° Υ			-5147 Oct 11 j 23:27	0° Ω	
	-5149 May 06 j 00:58	0° B			-5147 Nov 05 j 17:26	0° M	
	-5149 May 30 j 20:49	0° II			-5147 Nov 30 j 04:25	0° $\underline{\Delta}$	
	-5149 Jun 24 j 22:58	0° S			-5147 Dec 24 j 14:55	0° M	
	-5149 Jul 20 j 12:54	0° Ω		desc. node	-5146 Jan 07 j 05:17	16° M 39'44	
desc. node	-5149 Jul 23 j 06:50	3° Ω 10'00			-5146 Jan 18 j 02:50	0° A	
	-5149 Aug 16 j 04:00	0° M			-5146 Feb 11 j 15:39	0° B	
evening max el	-5149 Sep 01 j 14:16	17° M 17'57	47°37'05	morning set	-5146 Feb 28 j 12:50	20° B 38'46	
	-5149 Sep 14 j 19:24	0° $\underline{\Delta}$			-5146 Mar 08 j 04:14	0° \approx	
greatest brilliancy	-5149 Oct 10 j 11:52	18° $\underline{\Delta}$ 10'53	-4.7m		-5146 Apr 01 j 15:43	0° H	
retrograde	-5149 Oct 22 j 14:14	20° $\underline{\Delta}$ 57'25		max. Earth dist.	-5146 Apr 04 j 02:07	2° H 59'13	1.73734 AU
evening set	-5149 Nov 06 j 05:04	16° $\underline{\Delta}$ 38'49					
min. Earth dist.	-5149 Nov 11 j 14:55	13° $\underline{\Delta}$ 25'03	0.26758 AU	superior conj	-5146 Apr 05 j 20:29	5° H 09'15	0°-51'-50

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5146 Apr 06 j 04:35	5° Υ 34'08	0°51'40	min. Earth dist.	-5144 Aug 26 j 09:02	23° \ominus 50'53	0.26784 AU
	-5146 Apr 26 j 01:41	0° Υ		morning rise	-5144 Aug 29 j 05:40	22° \ominus 08'12	
asc. node	-5146 Apr 29 j 20:10	4° Υ 38'25		direct	-5144 Sep 15 j 15:31	16° \ominus 22'03	
evening rise	-5146 May 11 j 12:39	19° Υ 02'15		greatest brilliancy	-5144 Sep 28 j 10:34	19° \ominus 25'01	-4.7m
	-5146 May 20 j 10:03	0° Υ		asc. node	-5144 Oct 14 j 15:51	29° \ominus 51'25	
	-5146 Jun 13 j 17:15	0° Π			-5144 Oct 14 j 20:09	0° Ω	
	-5146 Jul 08 j 00:25	0° \ominus		morning max el	-5144 Nov 05 j 09:22	19° Ω 59'06	46°47'40
	-5146 Aug 01 j 09:27	0° Ω			-5144 Nov 14 j 22:13	0° \cap	
desc. node	-5146 Aug 19 j 18:44	22° Ω 29'09			-5144 Dec 11 j 17:08	0° $\underline{\Omega}$	
	-5146 Aug 25 j 23:03	0° \cap			-5143 Jan 06 j 09:48	0° \cap	
	-5146 Sep 19 j 21:24	0° $\underline{\Omega}$			-5143 Jan 31 j 17:09	0° \nearrow	
	-5146 Oct 15 j 13:32	0° \cap		desc. node	-5143 Feb 03 j 17:17	3° \nearrow 34'52	
evening max el	-5146 Nov 11 j 19:26	29° \cap 41'19	46°58'02		-5143 Feb 25 j 19:32	0° \searrow	
	-5146 Nov 12 j 02:46	0° \nearrow			-5143 Mar 22 j 17:28	0° \approx	
asc. node	-5146 Dec 10 j 11:59	24° \nearrow 51'11			-5143 Apr 16 j 10:38	0° Υ	
greatest brilliancy	-5146 Dec 17 j 15:54	29° \nearrow 05'42	-4.6m	morning set	-5143 May 06 j 13:44	24° Υ 37'31	
	-5146 Dec 19 j 13:11	0° \searrow			-5143 May 10 j 22:44	0° Υ	
retrograde	-5145 Jan 01 j 12:28	3° \searrow 07'36		asc. node	-5143 May 27 j 08:52	20° Υ 15'01	
	-5145 Jan 13 j 19:17	30° \searrow			-5143 Jun 04 j 05:48	0° Υ	
evening set	-5145 Jan 18 j 13:11	27° \searrow 21'29		max. Earth dist.	-5143 Jun 06 j 22:36	3° \searrow 20'59	1.72652 AU
min. Earth dist.	-5145 Jan 22 j 00:34	25° \searrow 10'19	0.28830 AU				
inferior conj	-5145 Jan 22 j 17:48	24° \searrow 42'40	7°50'06	superior conj	-5143 Jun 11 j 11:39	8° Υ 59'33	0°34'29
minimum elong	-5145 Jan 22 j 12:11	24° \searrow 51'41	7°49'17	minimum elong	-5143 Jun 11 j 05:17	8° Υ 39'46	0°34'21
morning rise	-5145 Jan 26 j 11:35	22° \searrow 21'16			-5143 Jun 28 j 08:27	0° Π	
direct	-5145 Feb 13 j 01:04	16° \searrow 25'23		evening rise	-5143 Jul 17 j 21:17	24° Π 25'37	
greatest brilliancy	-5145 Feb 24 j 07:56	18° \searrow 43'44	-4.5m		-5143 Jul 22 j 08:06	0° \ominus	
	-5145 Mar 15 j 03:51	0° \searrow			-5143 Aug 15 j 06:53	0° Ω	
desc. node	-5145 Apr 01 j 14:04	15° \searrow 02'14			-5143 Sep 08 j 07:02	0° \cap	
morning max el	-5145 Apr 02 j 19:50	16° \searrow 12'37	45°50'27	desc. node	-5143 Sep 16 j 07:07	9° \cap 57'58	
	-5145 Apr 16 j 17:20	0° \approx			-5143 Oct 02 j 10:30	0° $\underline{\Omega}$	
	-5145 May 14 j 11:20	0° Υ			-5143 Oct 26 j 19:18	0° \cap	
	-5145 Jun 09 j 12:53	0° Υ			-5143 Nov 20 j 13:16	0° \nearrow	
	-5145 Jul 04 j 15:23	0° Υ			-5143 Dec 16 j 01:32	0° \searrow	
asc. node	-5145 Jul 23 j 07:27	22° Υ 50'46		asc. node	-5142 Jan 06 j 23:19	24° \searrow 21'14	
	-5145 Jul 29 j 02:16	0° Π			-5142 Jan 12 j 08:04	0° \approx	
	-5145 Aug 22 j 02:47	0° \ominus		evening max el	-5142 Jan 21 j 13:20	9° \approx 17'59	45°29'50
	-5145 Sep 14 j 21:49	0° Ω			-5142 Feb 14 j 20:18	0° Υ	
morning set	-5145 Sep 28 j 23:52	17° Ω 48'10		greatest brilliancy	-5142 Feb 24 j 13:44	5° Υ 43'48	-4.5m
	-5145 Oct 08 j 15:41	0° \cap		retrograde	-5142 Mar 11 j 04:56	9° Υ 28'52	
	-5145 Nov 01 j 11:27	0° $\underline{\Omega}$		evening set	-5142 Mar 27 j 17:22	4° Υ 18'03	
				inferior conj	-5142 Apr 01 j 16:59	1° Υ 15'08	5°38'13
superior conj	-5145 Nov 09 j 22:25	10° $\underline{\Omega}$ 36'25	0°05'26	minimum elong	-5142 Apr 02 j 01:51	1° Υ 01'08	5°36'16
minimum elong	-5145 Nov 09 j 23:54	10° $\underline{\Omega}$ 41'04	0°05'20	min. Earth dist.	-5142 Apr 02 j 11:17	0° Υ 46'16	0.29300 AU
behind sun begin	-5145 Nov 08 j 21:56	9° $\underline{\Omega}$ 19'44			-5142 Apr 03 j 16:47	30° \searrow	
behind sun end	-5145 Nov 11 j 01:51	12° $\underline{\Omega}$ 02'23		morning rise	-5142 Apr 07 j 09:58	27° \approx 45'46	
desc. node	-5145 Nov 12 j 06:22	13° $\underline{\Omega}$ 31'40		direct	-5142 Apr 23 j 13:21	22° \approx 48'06	
max. Earth dist.	-5145 Nov 15 j 11:12	17° $\underline{\Omega}$ 32'09	1.71446 AU	desc. node	-5142 Apr 29 j 01:13	23° \approx 21'37	
	-5145 Nov 25 j 10:32	0° \cap		greatest brilliancy	-5142 May 07 j 15:25	26° \approx 13'36	-4.5m
	-5145 Dec 19 j 13:09	0° \nearrow			-5142 May 14 j 15:12	0° Υ	
evening rise	-5145 Dec 21 j 21:53	2° \nearrow 55'55		morning max el	-5142 Jun 11 j 17:32	23° Υ 00'15	46°04'25
	-5144 Jan 12 j 19:22	0° \searrow			-5142 Jun 18 j 19:06	0° Υ	
	-5144 Feb 06 j 06:01	0° \approx			-5142 Jul 16 j 13:50	0° Υ	
	-5144 Mar 01 j 23:06	0° Υ			-5142 Aug 11 j 06:15	0° Π	
asc. node	-5144 Mar 03 j 21:05	2° Υ 18'31		asc. node	-5142 Aug 19 j 19:19	10° Π 17'51	
	-5144 Mar 27 j 01:29	0° Υ			-5142 Sep 04 j 21:49	0° \ominus	
	-5144 Apr 21 j 17:32	0° Υ			-5142 Sep 29 j 00:39	0° Ω	
	-5144 May 18 j 08:17	0° Π			-5142 Oct 22 j 22:47	0° \cap	
	-5144 Jun 16 j 01:49	0° \ominus			-5142 Nov 15 j 21:26	0° $\underline{\Omega}$	
evening max el	-5144 Jun 16 j 15:50	0° \ominus 34'03	46°20'28	desc. node	-5142 Dec 09 j 18:56	29° $\underline{\Omega}$ 47'21	
desc. node	-5144 Jun 23 j 21:29	7° \ominus 23'28			-5142 Dec 09 j 23:00	0° \cap	
greatest brilliancy	-5144 Jul 26 j 02:36	29° \ominus 43'45	-4.6m	morning set	-5142 Dec 15 j 10:24	6° \cap 48'09	
	-5144 Jul 26 j 21:19	0° Ω			-5141 Jan 03 j 03:42	0° \nearrow	
retrograde	-5144 Aug 05 j 09:53	1° Ω 39'38					
	-5144 Aug 14 j 13:27	30° \searrow		superior conj	-5141 Jan 24 j 21:01	26° \nearrow 49'31	-1°-19'-34
evening set	-5144 Aug 23 j 07:41	25° \ominus 41'02		minimum elong	-5141 Jan 24 j 15:30	26° \nearrow 32'32	1°19'48
inferior conj	-5144 Aug 26 j 02:57	24° \ominus 00'05	-8°-52'-51	max. Earth dist.	-5141 Jan 27 j 05:09	29° \nearrow 42'32	1.73105 AU
minimum elong	-5144 Aug 26 j 06:42	23° \ominus 54'24	8°52'23		-5141 Jan 27 j 10:50	0° \searrow	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5141 Feb 20 j 19:50	0°♊		asc. node	-5139 Sep 16 j 06:57	0°♊20'43	
evening rise	-5141 Mar 03 j 14:16	13°♊13'16			-5139 Oct 11 j 13:32	0°♊	
	-5141 Mar 17 j 06:47	0°♋			-5139 Nov 05 j 06:22	0°♋	
asc. node	-5141 Apr 01 j 09:40	18°♋29'16			-5139 Nov 29 j 16:37	0°♌	
	-5141 Apr 10 j 20:08	0°♍			-5139 Dec 24 j 02:37	0°♍	
	-5141 May 05 j 12:31	0°♎		desc. node	-5138 Jan 06 j 07:20	16°♍10'49	
	-5141 May 30 j 09:02	0°♏			-5138 Jan 17 j 14:09	0°♎	
	-5141 Jun 24 j 12:16	0°♐			-5138 Feb 11 j 02:41	0°♏	
	-5141 Jul 20 j 04:03	0°♑		morning set	-5138 Feb 26 j 05:38	18°♏30'03	
desc. node	-5141 Jul 22 j 08:49	2°♑31'33			-5138 Mar 07 j 15:04	0°♐	
	-5141 Aug 15 j 22:54	0°♒			-5138 Apr 01 j 02:27	0°♑	
evening max el	-5141 Aug 30 j 03:47	14°♒52'18	47°36'14	max. Earth dist.	-5138 Apr 02 j 00:59	1°♑09'07	1.73740 AU
	-5141 Sep 15 j 03:02	0°♓					
greatest brilliancy	-5141 Oct 08 j 03:21	15°♓45'04	-4.7m	superior conj	-5138 Apr 03 j 15:13	3°♑06'27	0°-54'-10
retrograde	-5141 Oct 20 j 03:47	18°♓29'45		minimum elong	-5138 Apr 03 j 23:27	3°♑31'44	0°54'02
evening set	-5141 Nov 03 j 19:12	14°♓10'00			-5138 Apr 25 j 12:26	0°♒	
min. Earth dist.	-5141 Nov 09 j 05:07	10°♓56'32	0.26713 AU	asc. node	-5138 Apr 28 j 22:20	4°♒11'55	
inferior conj	-5141 Nov 09 j 20:17	10°♓32'57	0°-34'-37	evening rise	-5138 May 09 j 08:09	17°♒01'03	
minimum elong	-5141 Nov 09 j 21:34	10°♓30'58	0°34'15		-5138 May 19 j 20:55	0°♓	
asc. node	-5141 Nov 12 j 02:53	9°♓08'38			-5138 Jun 13 j 04:22	0°♏	
morning rise	-5141 Nov 16 j 00:32	6°♓53'07			-5138 Jul 07 j 11:54	0°♐	
direct	-5141 Nov 30 j 02:48	2°♓51'10			-5138 Jul 31 j 21:27	0°♑	
greatest brilliancy	-5141 Dec 11 j 06:11	5°♓10'37	-4.6m	desc. node	-5138 Aug 18 j 20:53	21°♑57'41	
	-5140 Jan 14 j 03:37	0°♒			-5138 Aug 25 j 11:47	0°♒	
morning max el	-5140 Jan 18 j 16:10	4°♒20'51	46°15'27		-5138 Sep 19 j 11:17	0°♓	
	-5140 Feb 12 j 09:46	0°♑			-5138 Oct 15 j 05:37	0°♒	
desc. node	-5140 Mar 03 j 04:59	21°♑54'43		evening max el	-5138 Nov 09 j 11:47	27°♒25'39	47°00'49
	-5140 Mar 10 j 08:24	0°♏			-5138 Nov 12 j 00:48	0°♑	
	-5140 Apr 05 j 07:31	0°♐		asc. node	-5138 Dec 09 j 14:06	23°♑32'28	
	-5140 Apr 30 j 15:55	0°♋		greatest brilliancy	-5138 Dec 15 j 11:13	26°♑55'47	-4.6m
	-5140 May 25 j 12:50	0°♍			-5138 Dec 23 j 09:51	0°♏	
	-5140 Jun 18 j 23:59	0°♎		retrograde	-5138 Dec 30 j 05:17	0°♏54'24	
asc. node	-5140 Jun 23 j 21:18	6°♎02'52			-5137 Jan 05 j 19:13	30°♎♑	
	-5140 Jul 13 j 03:03	0°♏		evening set	-5137 Jan 16 j 03:14	25°♑12'35	
morning set	-5140 Jul 13 j 15:18	0°♏38'18		min. Earth dist.	-5137 Jan 19 j 15:44	22°♑59'35	0.28764 AU
	-5140 Aug 06 j 00:25	0°♐		inferior conj	-5137 Jan 20 j 10:09	22°♑30'00	7°43'52
max. Earth dist.	-5140 Aug 19 j 19:03	17°♐22'19	1.71002 AU	minimum elong	-5137 Jan 20 j 04:00	22°♑39'53	7°42'58
				morning rise	-5137 Jan 24 j 05:13	20°♑06'32	
superior conj	-5140 Aug 20 j 20:39	18°♐43'07	1°23'37	direct	-5137 Feb 10 j 16:56	14°♑14'04	
minimum elong	-5140 Aug 20 j 22:02	18°♐47'30	1°23'53	greatest brilliancy	-5137 Feb 21 j 20:30	16°♑29'20	-4.5m
	-5140 Aug 29 j 19:06	0°♑			-5137 Mar 15 j 14:06	0°♏	
	-5140 Sep 22 j 14:02	0°♒		morning max el	-5137 Mar 31 j 10:55	14°♏01'00	45°50'34
evening rise	-5140 Sep 30 j 20:33	10°♒24'29		desc. node	-5137 Mar 31 j 16:21	14°♏13'56	
desc. node	-5140 Oct 13 j 19:49	26°♒41'14			-5137 Apr 16 j 11:24	0°♐	
	-5140 Oct 16 j 11:17	0°♓			-5137 May 14 j 01:34	0°♋	
	-5140 Nov 09 j 11:58	0°♒			-5137 Jun 09 j 01:30	0°♍	
	-5140 Dec 03 j 17:05	0°♑			-5137 Jul 04 j 03:12	0°♎	
	-5140 Dec 28 j 04:45	0°♏		asc. node	-5137 Jul 22 j 09:32	22°♎21'45	
	-5139 Jan 22 j 03:29	0°♐			-5137 Jul 28 j 13:39	0°♏	
asc. node	-5139 Feb 03 j 11:00	14°♐29'44			-5137 Aug 21 j 13:58	0°♐	
	-5139 Feb 16 j 21:48	0°♋			-5137 Sep 14 j 08:54	0°♑	
	-5139 Mar 16 j 05:48	0°♍		morning set	-5137 Sep 26 j 10:46	15°♑16'05	
evening max el	-5139 Apr 02 j 13:23	17°♍21'12	45°08'07		-5137 Oct 08 j 02:43	0°♒	
	-5139 Apr 16 j 20:27	0°♎			-5137 Oct 31 j 22:29	0°♓	
greatest brilliancy	-5139 May 08 j 06:19	13°♎41'10	-4.5m				
retrograde	-5139 May 20 j 21:26	16°♎26'54		superior conj	-5137 Nov 07 j 07:17	7°♓59'14	0°09'24
desc. node	-5139 May 26 j 12:22	15°♎50'00		minimum elong	-5137 Nov 07 j 09:51	8°♓07'18	0°09'15
evening set	-5139 Jun 04 j 17:19	12°♎16'52		behind sun begin	-5137 Nov 06 j 11:08	6°♓56'05	
inferior conj	-5139 Jun 11 j 01:22	8°♎36'33	-3°-34'-34	behind sun end	-5137 Nov 08 j 08:34	9°♓18'30	
minimum elong	-5139 Jun 10 j 17:53	8°♎47'54	3°32'22	desc. node	-5137 Nov 11 j 08:26	13°♓03'34	
min. Earth dist.	-5139 Jun 11 j 12:04	8°♎20'19	0.28024 AU	max. Earth dist.	-5137 Nov 12 j 21:02	14°♓58'10	1.71395 AU
morning rise	-5139 Jun 16 j 17:50	5°♎15'57			-5137 Nov 24 j 21:34	0°♒	
direct	-5139 Jul 02 j 12:06	0°♎33'32		evening rise	-5137 Dec 19 j 09:22	0°♑28'26	
greatest brilliancy	-5139 Jul 17 j 03:11	4°♎20'32	-4.6m		-5137 Dec 19 j 00:12	0°♑	
	-5139 Aug 18 j 23:26	0°♏			-5136 Jan 12 j 06:26	0°♏	
morning max el	-5139 Aug 21 j 18:29	2°♏46'40	46°39'46		-5136 Feb 05 j 17:14	0°♐	
	-5139 Sep 15 j 23:40	0°♐			-5136 Mar 01 j 10:40	0°♋	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 54

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5136 Mar 02 j 23:20	1° Υ 50'20		-5134 Sep 28 j 12:29	0° Ω	
	-5136 Mar 26 j 13:49	0° Υ		-5134 Oct 22 j 10:21	0° η	
	-5136 Apr 21 j 07:15	0° Υ		-5134 Nov 15 j 08:46	0° Ω	
	-5136 May 18 j 00:50	0° Π		desc. node	-5134 Dec 08 j 20:58	29° Ω 19'02
evening max el	-5136 Jun 14 j 03:54	28° Π 09'08	46°17'07		-5134 Dec 09 j 10:08	0° \mathcal{M}
	-5136 Jun 16 j 01:59	0° Ξ		morning set	-5134 Dec 12 j 21:28	4° \mathcal{M} 18'57
desc. node	-5136 Jun 22 j 23:34	6° Ξ 24'22			-5133 Jan 02 j 14:40	0° \mathcal{A}
greatest brilliancy	-5136 Jul 23 j 15:17	27° Ξ 17'21	-4.6m			
retrograde	-5136 Aug 02 j 21:07	29° Ξ 12'14		superior conj	-5133 Jan 22 j 11:48	24° \mathcal{A} 33'34 -1°-18'-32
evening set	-5136 Aug 20 j 20:28	23° Ξ 12'57		minimum elong	-5133 Jan 22 j 05:35	24° \mathcal{A} 14'25 1°18'44
inferior conj	-5136 Aug 23 j 15:11	21° Ξ 32'57	-8°-55'-57	max. Earth dist.	-5133 Jan 24 j 21:37	27° \mathcal{A} 31'50 1.73061 AU
minimum elong	-5136 Aug 23 j 18:00	21° Ξ 28'42	8°55'35		-5133 Jan 26 j 21:42	0° Ξ
min. Earth dist.	-5136 Aug 23 j 21:44	21° Ξ 23'03	0.26816 AU		-5133 Feb 20 j 06:41	0° \approx
morning rise	-5136 Aug 26 j 15:25	19° Ξ 44'39		evening rise	-5133 Mar 01 j 07:44	11° \approx 06'15
direct	-5136 Sep 13 j 03:40	13° Ξ 54'14			-5133 Mar 16 j 17:44	0° Υ
greatest brilliancy	-5136 Sep 26 j 01:29	16° Ξ 59'25	-4.7m	asc. node	-5133 Mar 31 j 11:46	18° Υ 01'54
asc. node	-5136 Oct 13 j 17:59	28° Ξ 38'47			-5133 Apr 10 j 07:20	0° Υ
	-5136 Oct 15 j 08:59	0° Ω			-5133 May 05 j 00:09	0° Υ
morning max el	-5136 Nov 02 j 21:26	17° Ω 29'00	46°48'20		-5133 May 29 j 21:23	0° Π
	-5136 Nov 14 j 17:38	0° η			-5133 Jun 24 j 01:44	0° Ξ
	-5136 Dec 11 j 08:24	0° Ω			-5133 Jul 19 j 19:26	0° Ω
	-5135 Jan 05 j 23:13	0° \mathcal{M}		desc. node	-5133 Jul 21 j 11:00	1° Ω 53'12
	-5135 Jan 31 j 05:31	0° \mathcal{A}			-5133 Aug 15 j 18:21	0° η
desc. node	-5135 Feb 02 j 19:25	3° \mathcal{A} 04'38		evening max el	-5133 Aug 27 j 18:15	12° η 29'03 47°35'18
	-5135 Feb 25 j 07:13	0° Ξ			-5133 Sep 15 j 13:24	0° Ω
	-5135 Mar 22 j 04:41	0° \approx		greatest brilliancy	-5133 Oct 05 j 18:28	13° Ω 18'40 -4.7m
	-5135 Apr 15 j 21:33	0° Υ		retrograde	-5133 Oct 17 j 17:50	16° Ω 01'44
morning set	-5135 May 04 j 08:34	22° Υ 34'49		evening set	-5133 Nov 01 j 09:30	11° Ω 40'43
	-5135 May 10 j 09:31	0° Υ		inferior conj	-5133 Nov 07 j 09:21	8° Ω 05'47 0°-58'-10
asc. node	-5135 May 26 j 10:52	19° Υ 47'53		minimum elong	-5133 Nov 07 j 11:30	8° Ω 02'28 0°57'31
	-5135 Jun 03 j 16:35	0° Υ		min. Earth dist.	-5133 Nov 06 j 19:02	8° Ω 27'59 0.26667 AU
max. Earth dist.	-5135 Jun 04 j 18:36	1° Υ 20'38	1.72714 AU	asc. node	-5133 Nov 11 j 05:00	5° Ω 46'23
				morning rise	-5133 Nov 13 j 14:07	4° Ω 26'00
superior conj	-5135 Jun 09 j 05:39	6° Υ 52'50	0°31'35	direct	-5133 Nov 27 j 15:43	0° Ω 24'51
minimum elong	-5135 Jun 08 j 23:45	6° Υ 34'29	0°31'29	greatest brilliancy	-5133 Dec 08 j 19:39	2° Ω 45'33 -4.6m
	-5135 Jun 27 j 19:20	0° Π			-5132 Jan 14 j 04:18	0° \mathcal{M}
evening rise	-5135 Jul 15 j 13:19	22° Π 11'08		morning max el	-5132 Jan 16 j 07:17	2° \mathcal{M} 03'48 46°16'50
	-5135 Jul 21 j 19:10	0° Ξ			-5132 Feb 12 j 02:25	0° \mathcal{A}
	-5135 Aug 14 j 18:09	0° Ω		desc. node	-5132 Mar 02 j 07:14	21° \mathcal{A} 20'23
	-5135 Sep 07 j 18:32	0° η			-5132 Mar 09 j 22:14	0° Ξ
desc. node	-5135 Sep 15 j 09:18	9° η 28'47			-5132 Apr 04 j 20:01	0° \approx
	-5135 Oct 01 j 22:19	0° Ω			-5132 Apr 30 j 03:41	0° Υ
	-5135 Oct 26 j 07:33	0° \mathcal{M}			-5132 May 25 j 00:12	0° Υ
	-5135 Nov 20 j 02:17	0° \mathcal{A}			-5132 Jun 18 j 11:08	0° Υ
	-5135 Dec 15 j 16:09	0° Ξ		asc. node	-5132 Jun 22 j 23:25	5° Υ 34'58
asc. node	-5134 Jan 06 j 01:25	23° Ξ 39'53		morning set	-5132 Jul 11 j 07:03	28° Υ 22'54
	-5134 Jan 12 j 03:01	0° \approx			-5132 Jul 12 j 14:07	0° Π
evening max el	-5134 Jan 19 j 04:08	7° \approx 04'09	45°32'09		-5132 Aug 05 j 11:30	0° Ξ
	-5134 Feb 15 j 18:25	0° Υ		max. Earth dist.	-5132 Aug 17 j 01:30	14° Ξ 36'09 1.71035 AU
greatest brilliancy	-5134 Feb 22 j 03:46	3° Υ 33'35	-4.5m			
retrograde	-5134 Mar 08 j 22:01	7° Υ 22'45		superior conj	-5132 Aug 18 j 09:32	16° Ξ 17'10 1°23'45
evening set	-5134 Mar 25 j 12:36	2° Υ 07'33		minimum elong	-5132 Aug 18 j 09:59	16° Ξ 18'36 1°24'02
	-5134 Mar 29 j 00:47	30° \mathcal{R} \approx			-5132 Aug 29 j 06:17	0° Ω
inferior conj	-5134 Mar 30 j 09:54	29° \approx 07'59	5°51'22		-5132 Sep 22 j 01:20	0° η
minimum elong	-5134 Mar 30 j 18:48	28° \approx 53'59	5°49'29	evening rise	-5132 Sep 28 j 05:07	7° η 44'56
min. Earth dist.	-5134 Mar 31 j 03:44	28° \approx 39'54	0.29330 AU	desc. node	-5132 Oct 12 j 21:49	26° η 11'50
morning rise	-5134 Apr 05 j 00:38	25° \approx 41'54			-5132 Oct 15 j 22:41	0° Ω
direct	-5134 Apr 21 j 05:53	20° \approx 40'21			-5132 Nov 08 j 23:29	0° \mathcal{M}
desc. node	-5134 Apr 28 j 03:16	21° \approx 32'38			-5132 Dec 03 j 04:46	0° \mathcal{A}
greatest brilliancy	-5134 May 05 j 07:48	24° \approx 05'39	-4.5m		-5132 Dec 27 j 16:45	0° Ξ
	-5134 May 15 j 15:03	0° Υ			-5131 Jan 21 j 16:11	0° \approx
morning max el	-5134 Jun 09 j 10:13	20° Υ 51'10	46°03'24	asc. node	-5131 Feb 02 j 13:18	13° \approx 57'51
	-5134 Jun 18 j 14:39	0° Υ			-5131 Feb 16 j 12:00	0° Υ
	-5134 Jul 16 j 04:48	0° Υ			-5131 Mar 15 j 23:46	0° Υ
	-5134 Aug 10 j 19:25	0° Π		evening max el	-5131 Mar 31 j 05:23	15° Υ 10'51 45°07'05
asc. node	-5134 Aug 18 j 21:33	9° Π 45'45			-5131 Apr 17 j 06:25	0° Υ
	-5134 Sep 04 j 10:07	0° Ξ		greatest brilliancy	-5131 May 05 j 19:28	11° Υ 25'48 -4.5m

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 55

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

retrograde	-5131 May 18 j 11:27	14°♄12'13		superior conj	-5129 Nov 04 j 15:52	5°♂20'03	0°13'22
desc. node	-5131 May 25 j 14:29	13°♄13'13		minimum elong	-5129 Nov 04 j 19:31	5°♂31'30	0°13'12
evening set	-5131 Jun 02 j 06:51	10°♄03'42		behind sun begin	-5129 Nov 04 j 03:12	4°♂40'18	
inferior conj	-5131 Jun 08 j 16:00	6°♄21'24	-3°-14'-49	behind sun end	-5129 Nov 05 j 11:51	6°♂22'40	
minimum elong	-5131 Jun 08 j 09:07	6°♄31'52	3°12'47	max. Earth dist.	-5129 Nov 10 j 03:44	12°♂13'15	1.71339 AU
min. Earth dist.	-5131 Jun 09 j 03:17	6°♄04'14	0.28071 AU	desc. node	-5129 Nov 10 j 10:29	12°♂34'23	
morning rise	-5131 Jun 14 j 10:45	2°♄57'09			-5129 Nov 24 j 08:56	0°♄	
	-5131 Jun 20 j 20:01	30°♄		evening rise	-5129 Dec 16 j 20:35	27°♄59'05	
direct	-5131 Jun 30 j 03:43	28°♄17'33			-5129 Dec 18 j 11:33	0°♄	
	-5131 Jul 09 j 18:56	0°♄			-5128 Jan 11 j 17:50	0°♄	
greatest brilliancy	-5131 Jul 14 j 17:47	2°♄03'00	-4.6m		-5128 Feb 05 j 04:47	0°♄	
	-5131 Aug 18 j 22:37	0°♄			-5128 Feb 29 j 22:35	0°♄	
morning max el	-5131 Aug 19 j 08:33	0°♄24'54	46°38'37	asc. node	-5128 Mar 02 j 01:28	1°♄20'49	
asc. node	-5131 Sep 15 j 09:06	29°♄39'43			-5128 Mar 26 j 02:28	0°♄	
	-5131 Sep 15 j 16:11	0°♄			-5128 Apr 20 j 21:21	0°♄	
	-5131 Oct 11 j 03:44	0°♄			-5128 May 17 j 17:54	0°♄	
	-5131 Nov 04 j 19:25	0°♄		evening max el	-5128 Jun 11 j 15:48	25°♄43'28	46°13'43
	-5131 Nov 29 j 04:59	0°♄			-5128 Jun 16 j 03:37	0°♄	
	-5131 Dec 23 j 14:30	0°♄		desc. node	-5128 Jun 22 j 01:44	5°♄23'25	
desc. node	-5130 Jan 05 j 09:28	15°♄41'31		greatest brilliancy	-5128 Jul 21 j 02:43	24°♄49'04	-4.6m
	-5130 Jan 17 j 01:40	0°♄		retrograde	-5128 Jul 31 j 08:39	26°♄44'24	
	-5130 Feb 10 j 13:54	0°♄		evening set	-5128 Aug 18 j 08:38	20°♄44'49	
morning set	-5130 Feb 23 j 22:41	16°♄21'29		inferior conj	-5128 Aug 21 j 03:27	19°♄04'56	-8°-57'-52
	-5130 Mar 07 j 02:05	0°♄		minimum elong	-5128 Aug 21 j 05:16	19°♄02'10	8°57'34
max. Earth dist.	-5130 Mar 30 j 23:38	29°♄17'55	1.73744 AU	min. Earth dist.	-5128 Aug 21 j 10:18	18°♄54'35	0.26857 AU
	-5130 Mar 31 j 13:21	0°♄		morning rise	-5128 Aug 24 j 01:47	17°♄19'33	
				direct	-5128 Sep 10 j 16:05	11°♄25'12	
superior conj	-5130 Apr 01 j 10:17	1°♄04'12	0°-56'-24	greatest brilliancy	-5128 Sep 23 j 17:20	14°♄33'50	-4.7m
minimum elong	-5130 Apr 01 j 18:37	1°♄29'47	0°56'18	asc. node	-5128 Oct 12 j 20:05	27°♄26'43	
	-5130 Apr 24 j 23:21	0°♄			-5128 Oct 15 j 19:10	0°♄	
asc. node	-5130 Apr 28 j 00:22	3°♄44'32		morning max el	-5128 Oct 31 j 10:31	15°♄00'01	46°48'58
evening rise	-5130 May 07 j 03:54	15°♄00'06			-5128 Nov 14 j 13:04	0°♄	
	-5130 May 19 j 08:02	0°♄			-5128 Dec 10 j 23:55	0°♄	
	-5130 Jun 12 j 15:47	0°♄			-5127 Jan 05 j 12:56	0°♄	
	-5130 Jul 06 j 23:45	0°♄			-5127 Jan 30 j 18:10	0°♄	
	-5130 Jul 31 j 09:50	0°♄		desc. node	-5127 Feb 01 j 21:37	2°♄33'41	
desc. node	-5130 Aug 17 j 23:05	21°♄25'09			-5127 Feb 24 j 19:09	0°♄	
	-5130 Aug 25 j 00:55	0°♄			-5127 Mar 21 j 16:10	0°♄	
	-5130 Sep 19 j 01:37	0°♄			-5127 Apr 15 j 08:45	0°♄	
	-5130 Oct 14 j 22:17	0°♄		morning set	-5127 May 02 j 03:51	20°♄32'39	
evening max el	-5130 Nov 07 j 03:17	25°♄06'46	47°03'37		-5127 May 09 j 20:35	0°♄	
	-5130 Nov 12 j 00:05	0°♄		asc. node	-5127 May 25 j 13:06	19°♄20'43	
asc. node	-5130 Dec 08 j 16:18	22°♄10'31		max. Earth dist.	-5127 Jun 02 j 16:11	29°♄24'33	1.72769 AU
greatest brilliancy	-5130 Dec 13 j 06:39	24°♄44'59	-4.6m		-5127 Jun 03 j 03:37	0°♄	
retrograde	-5130 Dec 27 j 21:43	28°♄40'24					
evening set	-5129 Jan 13 j 17:15	23°♄03'04		superior conj	-5127 Jun 07 j 00:12	4°♄47'10	0°28'42
min. Earth dist.	-5129 Jan 17 j 07:23	20°♄47'35	0.28695 AU	minimum elong	-5127 Jun 06 j 18:47	4°♄30'19	0°28'36
inferior conj	-5129 Jan 18 j 02:35	20°♄16'42	7°37'03		-5127 Jun 27 j 06:27	0°♄	
minimum elong	-5129 Jan 17 j 19:55	20°♄27'25	7°36'01	evening rise	-5127 Jul 13 j 06:02	19°♄58'15	
morning rise	-5129 Jan 21 j 23:03	17°♄50'54			-5127 Jul 21 j 06:26	0°♄	
direct	-5129 Feb 08 j 08:24	12°♄02'00			-5127 Aug 14 j 05:40	0°♄	
greatest brilliancy	-5129 Feb 19 j 10:00	14°♄15'05	-4.5m		-5127 Sep 07 j 06:23	0°♄	
	-5129 Mar 15 j 21:54	0°♄		desc. node	-5127 Sep 14 j 11:19	8°♄57'56	
morning max el	-5129 Mar 29 j 01:35	11°♄47'40	45°50'55		-5127 Oct 01 j 10:31	0°♄	
desc. node	-5129 Mar 30 j 18:20	13°♄25'05			-5127 Oct 25 j 20:15	0°♄	
	-5129 Apr 16 j 05:15	0°♄			-5127 Nov 19 j 15:48	0°♄	
	-5129 May 13 j 15:51	0°♄			-5127 Dec 15 j 07:23	0°♄	
	-5129 Jun 08 j 14:16	0°♄		asc. node	-5126 Jan 05 j 03:43	22°♄57'22	
	-5129 Jul 03 j 15:14	0°♄			-5126 Jan 11 j 22:58	0°♄	
asc. node	-5129 Jul 21 j 11:46	21°♄52'20		evening max el	-5126 Jan 16 j 19:46	4°♄51'17	45°34'45
	-5129 Jul 28 j 01:21	0°♄			-5126 Feb 17 j 01:58	0°♄	
	-5129 Aug 21 j 01:31	0°♄		greatest brilliancy	-5126 Feb 19 j 18:31	1°♄23'31	-4.5m
	-5129 Sep 13 j 20:22	0°♄		retrograde	-5126 Mar 06 j 15:31	5°♄15'55	
morning set	-5129 Sep 23 j 21:27	12°♄41'59		evening set	-5126 Mar 23 j 07:58	29°♄56'24	
	-5129 Oct 07 j 14:08	0°♄			-5126 Mar 23 j 05:29	30°♄	
	-5129 Oct 31 j 09:52	0°♄		inferior conj	-5126 Mar 28 j 02:54	27°♄00'08	6°04'04
				minimum elong	-5126 Mar 28 j 11:45	26°♄46'11	6°02'15

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

min. Earth dist.	-5126 Mar 28 j 19:51	26° \approx 33'25	0.29354 AU		-5124 Sep 21 j 12:35	0° \mathfrak{M}	
morning rise	-5126 Apr 02 j 15:16	23° \approx 37'32		evening rise	-5124 Sep 25 j 14:13	5° \mathfrak{M} 07'10	
direct	-5126 Apr 18 j 22:55	18° \approx 32'05		desc. node	-5124 Oct 11 j 23:57	25° \mathfrak{M} 43'00	
desc. node	-5126 Apr 27 j 05:26	19° \approx 46'54			-5124 Oct 15 j 10:02	0° $\underline{\mathfrak{A}}$	
greatest brilliancy	-5126 May 02 j 23:39	21° \approx 56'33	-4.5m		-5124 Nov 08 j 10:57	0° \mathfrak{M}	
	-5126 May 16 j 09:00	0° \mathfrak{H}			-5124 Dec 02 j 16:28	0° \mathfrak{Z}	
morning max el	-5126 Jun 07 j 03:42	18° \mathfrak{H} 43'42	46°02'30		-5124 Dec 27 j 04:51	0° $\underline{\mathfrak{Z}}$	
	-5126 Jun 18 j 09:52	0° \mathfrak{Y}			-5123 Jan 21 j 05:02	0° \approx	
	-5126 Jul 15 j 19:43	0° \mathfrak{B}		asc. node	-5123 Feb 01 j 15:22	13° \approx 24'49	
	-5126 Aug 10 j 08:38	0° \mathfrak{II}			-5123 Feb 16 j 02:28	0° \mathfrak{H}	
asc. node	-5126 Aug 17 j 23:42	9° \mathfrak{II} 13'06			-5123 Mar 15 j 18:19	0° \mathfrak{Y}	
	-5126 Sep 03 j 22:31	0° $\underline{\mathfrak{S}}$		evening max el	-5123 Mar 28 j 20:34	12° \mathfrak{Y} 58'19	45°06'17
	-5126 Sep 28 j 00:28	0° Ω			-5123 Apr 17 j 19:54	0° \mathfrak{B}	
	-5126 Oct 21 j 22:06	0° \mathfrak{M}		greatest brilliancy	-5123 May 03 j 08:57	9° \mathfrak{B} 10'51	-4.5m
	-5126 Nov 14 j 20:22	0° $\underline{\mathfrak{A}}$		retrograde	-5123 May 16 j 01:11	11° \mathfrak{B} 57'54	
desc. node	-5126 Dec 07 j 23:11	28° $\underline{\mathfrak{A}}$ 50'21		desc. node	-5123 May 24 j 16:42	10° \mathfrak{B} 31'28	
	-5126 Dec 08 j 21:34	0° \mathfrak{M}		evening set	-5123 May 30 j 20:36	7° \mathfrak{B} 50'26	
morning set	-5126 Dec 10 j 07:59	1° \mathfrak{M} 47'00		inferior conj	-5123 Jun 06 j 06:42	4° \mathfrak{B} 06'39	-2°-55'00
	-5125 Jan 02 j 01:57	0° \mathfrak{Z}		minimum elong	-5123 Jun 06 j 00:27	4° \mathfrak{B} 16'12	2°53'07
				min. Earth dist.	-5123 Jun 06 j 18:51	3° \mathfrak{B} 48'08	0.28116 AU
superior conj	-5125 Jan 20 j 01:53	22° \mathfrak{Z} 14'28	-1°-17'-21	morning rise	-5123 Jun 12 j 03:35	0° \mathfrak{B} 38'56	
minimum elong	-5125 Jan 19 j 18:58	21° \mathfrak{Z} 53'09	1°17'31		-5123 Jun 13 j 08:45	30° \mathfrak{R} \mathfrak{Y}	
max. Earth dist.	-5125 Jan 22 j 14:22	25° \mathfrak{Z} 21'03	1.73012 AU	direct	-5123 Jun 27 j 18:51	26° \mathfrak{Y} 01'53	
	-5125 Jan 26 j 08:51	0° $\underline{\mathfrak{Z}}$		greatest brilliancy	-5123 Jul 12 j 08:58	29° \mathfrak{Y} 46'30	-4.6m
	-5125 Feb 19 j 17:48	0° \approx			-5123 Jul 12 j 20:04	0° \mathfrak{B}	
evening rise	-5125 Feb 27 j 00:49	8° \approx 57'18		morning max el	-5123 Aug 16 j 21:54	28° \mathfrak{B} 01'40	46°37'34
	-5125 Mar 16 j 04:56	0° \mathfrak{H}			-5123 Aug 18 j 20:47	0° \mathfrak{II}	
asc. node	-5125 Mar 30 j 13:50	17° \mathfrak{H} 33'46		asc. node	-5123 Sep 14 j 11:09	28° \mathfrak{II} 59'16	
	-5125 Apr 09 j 18:46	0° \mathfrak{Y}			-5123 Sep 15 j 08:18	0° $\underline{\mathfrak{S}}$	
	-5125 May 04 j 12:00	0° \mathfrak{B}			-5123 Oct 10 j 17:38	0° Ω	
	-5125 May 29 j 09:55	0° \mathfrak{II}			-5123 Nov 04 j 08:12	0° \mathfrak{M}	
	-5125 Jun 23 j 15:24	0° $\underline{\mathfrak{S}}$			-5123 Nov 28 j 17:06	0° $\underline{\mathfrak{A}}$	
	-5125 Jul 19 j 11:04	0° Ω			-5123 Dec 23 j 02:09	0° \mathfrak{M}	
desc. node	-5125 Jul 20 j 13:13	1° Ω 14'33		desc. node	-5122 Jan 04 j 11:36	15° \mathfrak{M} 12'53	
	-5125 Aug 15 j 14:19	0° \mathfrak{M}			-5122 Jan 16 j 13:00	0° \mathfrak{Z}	
evening max el	-5125 Aug 25 j 09:34	10° \mathfrak{M} 08'08	47°34'09		-5122 Feb 10 j 01:00	0° $\underline{\mathfrak{Z}}$	
	-5125 Sep 16 j 03:05	0° $\underline{\mathfrak{A}}$		morning set	-5122 Feb 21 j 15:20	14° $\underline{\mathfrak{Z}}$ 11'56	
greatest brilliancy	-5125 Oct 03 j 09:26	10° $\underline{\mathfrak{A}}$ 52'14	-4.7m		-5122 Mar 06 j 13:00	0° \approx	
retrograde	-5125 Oct 15 j 07:48	13° $\underline{\mathfrak{A}}$ 33'24		max. Earth dist.	-5122 Mar 28 j 19:48	27° \approx 19'17	1.73747 AU
evening set	-5125 Oct 30 j 00:02	9° $\underline{\mathfrak{A}}$ 11'07					
inferior conj	-5125 Nov 04 j 22:25	5° $\underline{\mathfrak{A}}$ 38'19	-1°-21'-40	superior conj	-5122 Mar 30 j 04:58	29° \approx 01'02	0°-58'-36
minimum elong	-5125 Nov 05 j 01:25	5° $\underline{\mathfrak{A}}$ 33'41	1°20'44	minimum elong	-5122 Mar 30 j 13:22	29° \approx 26'46	0°58'30
min. Earth dist.	-5125 Nov 04 j 08:52	5° $\underline{\mathfrak{A}}$ 59'18	0.26631 AU		-5122 Mar 31 j 00:12	0° \mathfrak{H}	
asc. node	-5125 Nov 10 j 07:14	2° $\underline{\mathfrak{A}}$ 26'13			-5122 Apr 24 j 10:13	0° \mathfrak{Y}	
morning rise	-5125 Nov 11 j 03:28	1° $\underline{\mathfrak{A}}$ 58'41		asc. node	-5122 Apr 27 j 02:35	3° \mathfrak{Y} 17'53	
	-5125 Nov 15 j 08:01	30° \mathfrak{R} \mathfrak{M}		evening rise	-5122 May 04 j 23:15	12° \mathfrak{Y} 58'17	
direct	-5125 Nov 25 j 05:05	27° \mathfrak{M} 58'18			-5122 May 18 j 19:02	0° \mathfrak{B}	
	-5125 Dec 05 j 12:44	0° $\underline{\mathfrak{A}}$			-5122 Jun 12 j 03:05	0° \mathfrak{II}	
greatest brilliancy	-5125 Dec 06 j 08:47	0° $\underline{\mathfrak{A}}$ 19'25	-4.6m		-5122 Jul 06 j 11:27	0° $\underline{\mathfrak{S}}$	
morning max el	-5124 Jan 13 j 22:08	29° $\underline{\mathfrak{A}}$ 45'13	46°17'58		-5122 Jul 30 j 22:05	0° Ω	
	-5124 Jan 14 j 04:10	0° \mathfrak{M}		desc. node	-5122 Aug 17 j 01:04	20° Ω 52'23	
	-5124 Feb 11 j 19:02	0° \mathfrak{Z}			-5122 Aug 24 j 13:57	0° \mathfrak{M}	
desc. node	-5124 Mar 01 j 09:16	20° \mathfrak{Z} 44'53			-5122 Sep 18 j 15:53	0° $\underline{\mathfrak{A}}$	
	-5124 Mar 09 j 12:10	0° $\underline{\mathfrak{Z}}$			-5122 Oct 14 j 15:00	0° \mathfrak{M}	
	-5124 Apr 04 j 08:37	0° \approx		evening max el	-5122 Nov 04 j 17:59	22° \mathfrak{M} 46'35	47°06'25
	-5124 Apr 29 j 15:31	0° \mathfrak{H}			-5122 Nov 12 j 00:01	0° \mathfrak{Z}	
	-5124 May 24 j 11:36	0° \mathfrak{Y}		asc. node	-5122 Dec 07 j 18:31	20° \mathfrak{Z} 46'52	
	-5124 Jun 17 j 22:19	0° \mathfrak{B}		greatest brilliancy	-5122 Dec 11 j 01:08	22° \mathfrak{Z} 33'38	-4.6m
asc. node	-5124 Jun 22 j 01:37	5° \mathfrak{B} 07'11		retrograde	-5122 Dec 25 j 14:00	26° \mathfrak{Z} 27'19	
morning set	-5124 Jul 08 j 23:02	26° \mathfrak{B} 08'16		evening set	-5121 Jan 11 j 07:09	20° \mathfrak{Z} 54'21	
	-5124 Jul 12 j 01:13	0° \mathfrak{II}		min. Earth dist.	-5121 Jan 14 j 23:16	18° \mathfrak{Z} 36'03	0.28629 AU
	-5124 Aug 04 j 22:37	0° $\underline{\mathfrak{S}}$		inferior conj	-5121 Jan 15 j 19:02	18° \mathfrak{Z} 04'14	7°29'29
max. Earth dist.	-5124 Aug 14 j 05:49	11° $\underline{\mathfrak{S}}$ 43'19	1.71069 AU	minimum elong	-5121 Jan 15 j 11:54	18° \mathfrak{Z} 15'43	7°28'19
				morning rise	-5121 Jan 19 j 17:06	15° \mathfrak{Z} 35'54	
superior conj	-5124 Aug 15 j 23:00	13° $\underline{\mathfrak{S}}$ 53'09	1°23'45	direct	-5121 Feb 05 j 23:28	9° \mathfrak{Z} 50'34	
minimum elong	-5124 Aug 15 j 22:34	13° $\underline{\mathfrak{S}}$ 51'48	1°24'02	greatest brilliancy	-5121 Feb 17 j 00:38	12° \mathfrak{Z} 02'47	-4.5m
	-5124 Aug 28 j 17:28	0° Ω			-5121 Mar 16 j 03:09	0° $\underline{\mathfrak{Z}}$	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning max el	-5121 Mar 26 j 16:18	9°☾34'54	45°51'10		-5119 Nov 19 j 05:03	0°☾	
desc. node	-5121 Mar 29 j 20:32	12°☾38'06			-5119 Dec 14 j 22:25	0°☾	
	-5121 Apr 15 j 22:32	0°≈		asc. node	-5118 Jan 04 j 05:50	22°☾14'57	
	-5121 May 13 j 05:50	0°☿			-5118 Jan 11 j 19:05	0°≈	
	-5121 Jun 08 j 02:49	0°♀		evening max el	-5118 Jan 14 j 12:09	2°≈41'17	45°37'24
	-5121 Jul 03 j 03:02	0°♄		greatest brilliancy	-5118 Feb 17 j 10:34	29°≈16'22	-4.5m
asc. node	-5121 Jul 20 j 13:53	21°♄23'18			-5118 Feb 19 j 00:02	0°☿	
	-5121 Jul 27 j 12:47	0°♂		retrograde	-5118 Mar 04 j 09:02	3°☿10'13	
	-5121 Aug 20 j 12:45	0°☾			-5118 Mar 17 j 00:35	30°♀≈	
	-5121 Sep 13 j 07:31	0°♂		evening set	-5118 Mar 21 j 03:22	27°≈46'44	
morning set	-5121 Sep 21 j 08:10	10°♂08'51		inferior conj	-5118 Mar 25 j 19:56	24°≈53'32	6°16'14
	-5121 Oct 07 j 01:16	0°♍		minimum elong	-5118 Mar 26 j 04:41	24°≈39'44	6°14'29
	-5121 Oct 30 j 20:59	0°♁		min. Earth dist.	-5118 Mar 26 j 11:42	24°≈28'39	0.29376 AU
				morning rise	-5118 Mar 31 j 05:50	21°≈34'28	
superior conj	-5121 Nov 02 j 00:32	2°♁41'49	0°17'19	direct	-5118 Apr 16 j 16:24	16°≈25'19	
minimum elong	-5121 Nov 02 j 05:14	2°♁56'35	0°17'06	desc. node	-5118 Apr 26 j 07:38	18°≈06'06	
max. Earth dist.	-5121 Nov 07 j 07:37	9°♁20'19	1.71286 AU	greatest brilliancy	-5118 Apr 30 j 14:17	19°≈47'20	-4.5m
desc. node	-5121 Nov 09 j 12:40	12°♁06'31			-5118 May 16 j 21:51	0°☿	
	-5121 Nov 23 j 20:01	0°♌		morning max el	-5118 Jun 04 j 20:57	16°☿36'50	46°01'22
evening rise	-5121 Dec 14 j 07:51	25°♌30'49			-5118 Jun 18 j 04:14	0°♀	
	-5121 Dec 17 j 22:35	0°☾			-5118 Jul 15 j 10:12	0°♄	
	-5120 Jan 11 j 04:53	0°☾			-5118 Aug 09 j 21:33	0°♂	
	-5120 Feb 04 j 16:00	0°≈		asc. node	-5118 Aug 17 j 01:46	8°♂40'57	
	-5120 Feb 29 j 10:13	0°☿			-5118 Sep 03 j 10:39	0°☾	
asc. node	-5120 Mar 01 j 03:32	0°☿52'01			-5118 Sep 27 j 12:10	0°♂	
	-5120 Mar 25 j 14:55	0°♀			-5118 Oct 21 j 09:33	0°♍	
	-5120 Apr 20 j 11:20	0°♄			-5118 Nov 14 j 07:37	0°♁	
	-5120 May 17 j 11:05	0°♂		desc. node	-5118 Dec 07 j 01:13	28°♁22'12	
evening max el	-5120 Jun 09 j 04:16	23°♂20'05	46°10'31	morning set	-5118 Dec 07 j 18:28	29°♁15'51	
	-5120 Jun 16 j 06:22	0°☾			-5118 Dec 08 j 08:40	0°♌	
desc. node	-5120 Jun 21 j 03:55	4°☾21'39			-5117 Jan 01 j 12:54	0°☾	
greatest brilliancy	-5120 Jul 18 j 13:03	22°☾20'39	-4.6m				
retrograde	-5120 Jul 28 j 20:45	24°☾17'39		superior conj	-5117 Jan 17 j 15:50	19°☾55'48	-1°-16'-1
evening set	-5120 Aug 15 j 20:17	18°☾18'20		minimum elong	-5117 Jan 17 j 08:16	19°☾32'25	1°16'10
inferior conj	-5120 Aug 18 j 15:40	16°☾37'50	-8°-58'-50	max. Earth dist.	-5117 Jan 20 j 08:39	23°☾15'50	1.72964 AU
minimum elong	-5120 Aug 18 j 16:30	16°☾36'34	8°58'34		-5117 Jan 25 j 19:42	0°☾	
min. Earth dist.	-5120 Aug 18 j 22:24	16°☾27'40	0.26896 AU		-5117 Feb 19 j 04:37	0°≈	
morning rise	-5120 Aug 21 j 12:37	14°☾54'44		evening rise	-5117 Feb 24 j 17:53	6°≈49'14	
direct	-5120 Sep 08 j 05:00	8°☾57'15			-5117 Mar 15 j 15:49	0°☿	
greatest brilliancy	-5120 Sep 21 j 08:43	12°☾09'01	-4.7m	asc. node	-5117 Mar 29 j 16:05	17°☿07'09	
asc. node	-5120 Oct 11 j 22:25	26°☾18'11			-5117 Apr 09 j 05:52	0°♀	
	-5120 Oct 16 j 02:12	0°♂			-5117 May 03 j 23:33	0°♄	
morning max el	-5120 Oct 29 j 00:24	12°♂34'19	46°49'29		-5117 May 28 j 22:14	0°♂	
	-5120 Nov 14 j 07:35	0°♍			-5117 Jun 23 j 04:57	0°☾	
	-5120 Dec 10 j 14:52	0°♁			-5117 Jul 19 j 02:48	0°♂	
	-5119 Jan 05 j 02:10	0°♌		desc. node	-5117 Jul 19 j 15:12	0°♂35'13	
	-5119 Jan 30 j 06:21	0°☾			-5117 Aug 15 j 10:50	0°♍	
desc. node	-5119 Jan 31 j 23:37	2°☾03'23		evening max el	-5117 Aug 23 j 00:53	7°♍47'24	47°32'46
	-5119 Feb 24 j 06:40	0°☾			-5117 Sep 16 j 21:14	0°♁	
	-5119 Mar 21 j 03:14	0°≈		greatest brilliancy	-5117 Oct 01 j 01:07	8°♁26'36	-4.7m
	-5119 Apr 14 j 19:35	0°☿		retrograde	-5117 Oct 12 j 21:12	11°♁04'33	
morning set	-5119 Apr 29 j 23:02	18°☿31'17		evening set	-5117 Oct 27 j 14:35	6°♁41'08	
	-5119 May 09 j 07:19	0°♀		inferior conj	-5117 Nov 02 j 11:15	3°♁10'39	-1°-45'-17
asc. node	-5119 May 24 j 15:15	18°♀54'10		minimum elong	-5117 Nov 02 j 15:06	3°♁04'42	1°44'04
max. Earth dist.	-5119 May 31 j 12:55	27°♀26'45	1.72827 AU	min. Earth dist.	-5117 Nov 01 j 22:41	3°♁30'08	0.26590 AU
	-5119 Jun 02 j 14:23	0°♄			-5117 Nov 07 j 19:09	30°♀♍	
				morning rise	-5117 Nov 08 j 16:19	29°♍31'15	
superior conj	-5119 Jun 04 j 18:31	2°♄41'39	0°25'45	asc. node	-5117 Nov 09 j 09:24	29°♍08'55	
minimum elong	-5119 Jun 04 j 13:36	2°♄26'24	0°25'39	direct	-5117 Nov 22 j 18:08	25°♍31'45	
	-5119 Jun 26 j 17:18	0°♂		greatest brilliancy	-5117 Dec 03 j 21:37	27°♍52'55	-4.6m
evening rise	-5119 Jul 10 j 22:30	17°♂45'25			-5117 Dec 08 j 10:58	0°♁	
	-5119 Jul 20 j 17:27	0°☾		morning max el	-5116 Jan 11 j 11:56	27°♁24'28	46°19'10
	-5119 Aug 13 j 16:54	0°♂			-5116 Jan 14 j 02:45	0°♌	
	-5119 Sep 06 j 17:55	0°♍			-5116 Feb 11 j 11:05	0°☾	
desc. node	-5119 Sep 13 j 13:27	8°♍28'29		desc. node	-5116 Feb 29 j 11:23	20°☾10'42	
	-5119 Sep 30 j 22:25	0°♁			-5116 Mar 09 j 01:44	0°☾	
	-5119 Oct 25 j 08:39	0°♌			-5116 Apr 03 j 20:54	0°≈	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5116 Apr 29 j 03:05	0° Υ							-5114 Nov 12 j 01:29	0° Υ										
	-5116 May 23 j 22:45	0° Υ							asc. node	-5114 Dec 06 j 20:37	19° Υ 19'02									
	-5116 Jun 17 j 09:15	0° Υ							greatest brilliancy	-5114 Dec 08 j 18:48	20° Υ 19'44	-4.6m								
asc. node	-5116 Jun 21 j 03:41	4° Υ 39'46							retrograde	-5114 Dec 23 j 06:16	24° Υ 12'44									
morning set	-5116 Jul 06 j 15:14	23° Υ 54'56							evening set	-5113 Jan 08 j 20:40	18° Υ 43'58									
	-5116 Jul 11 j 12:07	0° Π							min. Earth dist.	-5113 Jan 12 j 14:50	16° Υ 22'58	0.28560 AU								
	-5116 Aug 04 j 09:35	0° Υ							inferior conj	-5113 Jan 13 j 11:14	15° Υ 50'12	7°21'02								
max. Earth dist.	-5116 Aug 11 j 09:52	8° Υ 50'06	1.71115 AU						minimum elong	-5113 Jan 13 j 03:40	16° Υ 02'21	7°19'44								
									morning rise	-5113 Jan 17 j 11:05	13° Υ 19'15									
superior conj	-5116 Aug 13 j 12:32	11° Υ 29'50	1°23'35						direct	-5113 Feb 03 j 14:10	7° Υ 37'27									
minimum elong	-5116 Aug 13 j 11:14	11° Υ 25'44	1°23'52						greatest brilliancy	-5113 Feb 14 j 15:42	9° Υ 49'51	-4.5m								
	-5116 Aug 28 j 04:33	0° Ω								-5113 Mar 16 j 06:51	0° Υ									
	-5116 Sep 20 j 23:47	0° Π							morning max el	-5113 Mar 24 j 07:24	7° Υ 22'32	45°51'38								
evening rise	-5116 Sep 22 j 23:03	2° Π 28'40							desc. node	-5113 Mar 28 j 22:47	11° Υ 51'29									
desc. node	-5116 Oct 11 j 02:07	25° Π 14'28								-5113 Apr 15 j 15:35	0° \approx									
	-5116 Oct 14 j 21:20	0° Ω								-5113 May 12 j 19:47	0° Υ									
	-5116 Nov 07 j 22:23	0° Π								-5113 Jun 07 j 15:23	0° Υ									
	-5116 Dec 02 j 04:06	0° Υ								-5113 Jul 02 j 14:55	0° Υ									
	-5116 Dec 26 j 16:52	0° Υ							asc. node	-5113 Jul 19 j 15:57	20° Υ 53'54									
	-5115 Jan 20 j 17:49	0° \approx								-5113 Jul 27 j 00:18	0° Π									
asc. node	-5115 Jan 31 j 17:29	12° \approx 52'10								-5113 Aug 20 j 00:05	0° Υ									
	-5115 Feb 15 j 16:56	0° Υ								-5113 Sep 12 j 18:45	0° Ω									
	-5115 Mar 15 j 13:09	0° Υ							morning set	-5113 Sep 18 j 19:28	7° Ω 37'17									
evening max el	-5115 Mar 26 j 11:08	10° Υ 44'51	45°05'38							-5113 Oct 06 j 12:29	0° Π									
	-5115 Apr 18 j 13:27	0° Υ																		
greatest brilliancy	-5115 Apr 30 j 22:12	6° Υ 56'35	-4.5m						superior conj	-5113 Oct 30 j 09:19	0° Ω 03'28	0°21'13								
retrograde	-5115 May 13 j 15:16	9° Υ 45'10							minimum elong	-5113 Oct 30 j 15:02	0° Ω 21'24	0°20'58								
desc. node	-5115 May 23 j 18:48	7° Υ 46'31								-5113 Oct 30 j 08:13	0° Ω									
evening set	-5115 May 28 j 10:47	5° Υ 38'07							max. Earth dist.	-5113 Nov 04 j 12:02	6° Ω 28'30	1.71242 AU								
inferior conj	-5115 Jun 03 j 21:41	1° Υ 53'21	-2°-35'-3						desc. node	-5113 Nov 08 j 14:43	11° Ω 37'45									
minimum elong	-5115 Jun 03 j 16:05	2° Υ 01'54	2°33'20							-5113 Nov 23 j 07:16	0° Π									
min. Earth dist.	-5115 Jun 04 j 10:48	1° Υ 33'20	0.28163 AU						evening rise	-5113 Dec 11 j 18:50	23° Π 00'59									
	-5115 Jun 07 j 00:31	30° Υ								-5113 Dec 17 j 09:51	0° Υ									
morning rise	-5115 Jun 09 j 20:34	28° Υ 22'27								-5112 Jan 10 j 16:11	0° Υ									
direct	-5115 Jun 25 j 09:50	23° Υ 47'29								-5112 Feb 04 j 03:29	0° \approx									
greatest brilliancy	-5115 Jul 10 j 01:17	27° Υ 32'36	-4.6m							-5112 Feb 28 j 22:07	0° Υ									
	-5115 Jul 14 j 14:57	0° Υ							asc. node	-5112 Feb 29 j 05:47	0° Υ 23'00									
morning max el	-5115 Aug 14 j 11:20	25° Υ 39'19	46°36'25							-5112 Mar 25 j 03:39	0° Υ									
	-5115 Aug 18 j 17:57	0° Π								-5112 Apr 20 j 01:40	0° Υ									
asc. node	-5115 Sep 13 j 13:28	28° Π 20'11								-5112 May 17 j 04:51	0° Π									
	-5115 Sep 15 j 00:05	0° Υ							evening max el	-5112 Jun 06 j 17:45	20° Π 58'51	46°07'22								
	-5115 Oct 10 j 07:25	0° Ω								-5112 Jun 16 j 11:00	0° Υ									
	-5115 Nov 03 j 20:59	0° Π							desc. node	-5112 Jun 20 j 06:00	3° Υ 17'34									
	-5115 Nov 28 j 05:15	0° Ω							greatest brilliancy	-5112 Jul 15 j 22:44	19° Υ 51'31	-4.6m								
	-5115 Dec 22 j 13:52	0° Π							retrograde	-5112 Jul 26 j 09:18	21° Υ 50'45									
desc. node	-5114 Jan 03 j 13:39	14° Π 43'47							evening set	-5112 Aug 13 j 07:28	15° Υ 52'34									
	-5114 Jan 16 j 00:21	0° Υ							inferior conj	-5112 Aug 16 j 03:58	14° Υ 10'34	-8°-58'-42								
	-5114 Feb 09 j 12:05	0° Υ							minimum elong	-5112 Aug 16 j 03:51	14° Υ 10'44	8°58'27								
morning set	-5114 Feb 19 j 07:44	12° Υ 01'35							min. Earth dist.	-5112 Aug 16 j 10:15	14° Υ 01'06	0.26933 AU								
	-5114 Mar 05 j 23:54	0° \approx							morning rise	-5112 Aug 19 j 00:08	12° Υ 28'51									
max. Earth dist.	-5114 Mar 26 j 15:40	25° \approx 19'49	1.73749 AU						direct	-5112 Sep 05 j 18:32	6° Υ 29'25									
									greatest brilliancy	-5112 Sep 18 j 23:16	9° Υ 43'01	-4.7m								
superior conj	-5114 Mar 27 j 23:43	26° \approx 58'09	-1°00'-43						asc. node	-5112 Oct 11 j 00:30	25° Υ 10'37									
minimum elong	-5114 Mar 28 j 08:07	27° \approx 23'54	1°00'38							-5112 Oct 16 j 07:16	0° Ω									
	-5114 Mar 30 j 11:00	0° Υ							morning max el	-5112 Oct 26 j 14:40	10° Ω 09'16	46°49'58								
	-5114 Apr 23 j 21:04	0° Υ								-5112 Nov 14 j 01:49	0° Π									
asc. node	-5114 Apr 26 j 04:43	2° Υ 51'03								-5112 Dec 10 j 05:49	0° Ω									
evening rise	-5114 May 02 j 18:50	10° Υ 57'17								-5111 Jan 04 j 15:32	0° Π									
	-5114 May 18 j 06:04	0° Υ								-5111 Jan 29 j 18:48	0° Υ									
	-5114 Jun 11 j 14:24	0° Π							desc. node	-5111 Jan 31 j 01:46	1° Υ 32'45									
	-5114 Jul 05 j 23:10	0° Υ								-5111 Feb 23 j 18:29	0° Υ									
	-5114 Jul 30 j 10:21	0° Ω								-5111 Mar 20 j 14:38	0° \approx									
desc. node	-5114 Aug 16 j 03:16	20° Ω 20'12								-5111 Apr 14 j 06:43	0° Υ									
	-5114 Aug 24 j 03:03	0° Π							morning set	-5111 Apr 27 j 18:08	16° Υ 28'54									
	-5114 Sep 18 j 06:21	0° Ω								-5111 May 08 j 18:19	0° Υ									
	-5114 Oct 14 j 08:11	0° Π							asc. node	-5111 May 23 j 17:16	18° Υ 26'31									
evening max el	-5114 Nov 02 j 08:29	20° Π 25'09	47°09'03						max. Earth dist.	-5111 May 29 j 09:15	25° Υ 27'01	1.72881 AU								

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5111 Jun 02 j 01:23	0°♄				-5109 Nov 01 j 03:04	30°♋	
				morning rise		-5109 Nov 06 j 04:47	27°♋02'45	
superior conj	-5111 Jun 02 j 12:52	0°♄35'35	0°22'46	asc. node		-5109 Nov 08 j 11:32	25°♋54'17	
minimum elong	-5111 Jun 02 j 08:29	0°♄21'59	0°22'42	direct		-5109 Nov 20 j 06:37	23°♋03'52	
	-5111 Jun 26 j 04:25	0°♄		greatest brilliancy		-5109 Dec 01 j 11:13	25°♋25'54	-4.6m
evening rise	-5111 Jul 08 j 15:12	15°♄32'32				-5109 Dec 10 j 06:04	0°♄	
	-5111 Jul 20 j 04:45	0°♄		morning max el		-5108 Jan 09 j 00:41	25°♄00'00	46°20'33
	-5111 Aug 13 j 04:28	0°♄				-5108 Jan 14 j 00:47	0°♄	
	-5111 Sep 06 j 05:45	0°♄				-5108 Feb 11 j 03:09	0°♄	
desc. node	-5111 Sep 12 j 15:38	7°♄58'16		desc. node		-5108 Feb 28 j 13:38	19°♄36'23	
	-5111 Sep 30 j 10:37	0°♄				-5108 Mar 08 j 15:25	0°♄	
	-5111 Oct 24 j 21:20	0°♄				-5108 Apr 03 j 09:23	0°♄	
	-5111 Nov 18 j 18:36	0°♄				-5108 Apr 28 j 14:53	0°♄	
	-5111 Dec 14 j 13:55	0°♄				-5108 May 23 j 10:10	0°♄	
asc. node	-5110 Jan 03 j 07:56	21°♄31'08				-5108 Jun 16 j 20:28	0°♄	
	-5110 Jan 11 j 16:15	0°♄		asc. node		-5108 Jun 20 j 05:50	4°♄11'42	
evening max el	-5110 Jan 12 j 04:42	0°♄30'39	45°39'54	morning set		-5108 Jul 04 j 07:27	21°♄40'56	
greatest brilliancy	-5110 Feb 15 j 03:51	27°♄09'39	-4.5m			-5108 Jul 10 j 23:16	0°♄	
	-5110 Feb 22 j 13:38	0°♄				-5108 Aug 03 j 20:47	0°♄	
retrograde	-5110 Mar 02 j 02:18	1°♄03'15		max. Earth dist.		-5108 Aug 08 j 17:09	6°♄06'31	1.71162 AU
	-5110 Mar 09 j 08:20	30°♄						
evening set	-5110 Mar 18 j 22:50	25°♄36'05		superior conj		-5108 Aug 11 j 02:14	9°♄06'24	1°23'16
inferior conj	-5110 Mar 23 j 13:00	22°♄45'53	6°27'53	minimum elong		-5108 Aug 11 j 00:04	8°♄59'35	1°23'32
minimum elong	-5110 Mar 23 j 21:37	22°♄32'15	6°26'14			-5108 Aug 27 j 15:50	0°♄	
min. Earth dist.	-5110 Mar 24 j 03:40	22°♄22'42	0.29393 AU	evening rise		-5108 Sep 20 j 08:10	29°♄50'29	
morning rise	-5110 Mar 28 j 20:20	19°♄30'19				-5108 Sep 20 j 11:11	0°♄	
direct	-5110 Apr 14 j 09:59	14°♄17'41		desc. node		-5108 Oct 10 j 04:07	24°♄44'38	
desc. node	-5110 Apr 25 j 09:41	16°♄27'30				-5108 Oct 14 j 08:52	0°♄	
greatest brilliancy	-5110 Apr 28 j 04:09	17°♄36'03	-4.5m			-5108 Nov 07 j 10:05	0°♄	
	-5110 May 17 j 07:55	0°♄				-5108 Dec 01 j 16:00	0°♄	
morning max el	-5110 Jun 02 j 13:24	14°♄27'07	46°00'18			-5108 Dec 26 j 05:08	0°♄	
	-5110 Jun 17 j 22:30	0°♄				-5107 Jan 20 j 06:52	0°♄	
	-5110 Jul 15 j 00:48	0°♄		asc. node		-5107 Jan 30 j 19:46	12°♄19'14	
	-5110 Aug 09 j 10:39	0°♄				-5107 Feb 15 j 07:45	0°♄	
asc. node	-5110 Aug 16 j 04:02	8°♄08'45				-5107 Mar 15 j 08:44	0°♄	
	-5110 Sep 02 j 23:00	0°♄		evening max el		-5107 Mar 24 j 01:08	8°♄29'37	45°05'04
	-5110 Sep 27 j 00:08	0°♄				-5107 Apr 19 j 13:40	0°♄	
	-5110 Oct 20 j 21:16	0°♄		greatest brilliancy		-5107 Apr 28 j 10:18	4°♄40'25	-4.5m
	-5110 Nov 13 j 19:09	0°♄		retrograde		-5107 May 11 j 05:40	7°♄31'59	
morning set	-5110 Dec 05 j 05:12	26°♄44'32		desc. node		-5107 May 22 j 20:55	4°♄56'22	
desc. node	-5110 Dec 06 j 03:17	27°♄53'16		evening set		-5107 May 26 j 01:06	3°♄24'45	
	-5110 Dec 07 j 20:01	0°♄				-5107 May 31 j 23:05	30°♄	
	-5109 Jan 01 j 00:06	0°♄		inferior conj		-5107 Jun 01 j 12:38	29°♄39'21	-2°-14'-48
				minimum elong		-5107 Jun 01 j 07:43	29°♄46'50	2°13'18
superior conj	-5109 Jan 15 j 05:50	17°♄36'24	-1°-14'-34	min. Earth dist.		-5107 Jun 02 j 02:40	29°♄17'56	0.28214 AU
minimum elong	-5109 Jan 14 j 21:41	17°♄11'12	1°14'41	morning rise		-5107 Jun 07 j 13:26	26°♄05'40	
max. Earth dist.	-5109 Jan 18 j 04:59	21°♄16'04	1.72914 AU	direct		-5107 Jun 20 j 00:49	21°♄32'12	
	-5109 Jan 25 j 06:48	0°♄		greatest brilliancy		-5107 Jul 07 j 18:42	25°♄19'30	-4.6m
	-5109 Feb 18 j 15:43	0°♄				-5107 Jul 15 j 20:55	0°♄	
evening rise	-5109 Feb 22 j 10:56	4°♄40'07		morning max el		-5107 Aug 12 j 01:33	23°♄18'25	46°35'21
	-5109 Mar 15 j 03:01	0°♄				-5107 Aug 18 j 14:42	0°♄	
asc. node	-5109 Mar 28 j 18:10	16°♄38'59		asc. node		-5107 Sep 12 j 15:34	27°♄40'16	
	-5109 Apr 08 j 17:19	0°♄				-5107 Sep 14 j 15:51	0°♄	
	-5109 May 03 j 11:29	0°♄				-5107 Oct 09 j 21:15	0°♄	
	-5109 May 28 j 10:56	0°♄				-5107 Nov 03 j 09:49	0°♄	
	-5109 Jun 22 j 18:56	0°♄				-5107 Nov 27 j 17:29	0°♄	
desc. node	-5109 Jul 18 j 17:25	29°♄55'20				-5107 Dec 22 j 01:41	0°♄	
	-5109 Jul 18 j 19:04	0°♄		desc. node		-5106 Jan 02 j 15:48	14°♄14'36	
	-5109 Aug 15 j 08:21	0°♄				-5106 Jan 15 j 11:51	0°♄	
evening max el	-5109 Aug 20 j 15:09	5°♄23'07	47°31'08			-5106 Feb 08 j 23:19	0°♄	
	-5109 Sep 17 j 22:14	0°♄		morning set		-5106 Feb 16 j 23:57	9°♄50'09	
greatest brilliancy	-5109 Sep 28 j 17:30	6°♄00'40	-4.7m			-5106 Mar 05 j 10:55	0°♄	
retrograde	-5109 Oct 10 j 09:59	8°♄34'23		max. Earth dist.		-5106 Mar 24 j 12:22	23°♄22'33	1.73748 AU
evening set	-5109 Oct 25 j 05:13	4°♄09'41						
min. Earth dist.	-5109 Oct 30 j 12:47	0°♄59'15	0.26554 AU	superior conj		-5106 Mar 25 j 18:28	24°♄54'54	-1°-2'-45
inferior conj	-5109 Oct 31 j 00:00	0°♄41'50	-2°-8'-48	minimum elong		-5106 Mar 26 j 02:50	25°♄20'35	1°02'41
minimum elong	-5109 Oct 31 j 04:41	0°♄34'36	2°07'19			-5106 Mar 29 j 21:55	0°♄	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5106 Apr 23 j 08:01	0°♈					-5104 Nov 13 j 19:40	0°♍			
asc. node	-5106 Apr 25 j 06:45	2°♈23'37					-5104 Dec 09 j 20:34	0°♊			
evening rise	-5106 Apr 30 j 14:30	8°♈56'20					-5103 Jan 04 j 04:44	0°♌			
	-5106 May 17 j 17:12	0°♉					-5103 Jan 29 j 07:02	0°♈			
	-5106 Jun 11 j 01:51	0°♊				desc. node	-5103 Jan 30 j 03:57	1°♈02'40			
	-5106 Jul 05 j 11:03	0°♋					-5103 Feb 23 j 06:06	0°♌			
	-5106 Jul 29 j 22:50	0°♌					-5103 Mar 20 j 01:51	0°♍			
desc. node	-5106 Aug 15 j 05:24	19°♌47'12					-5103 Apr 13 j 17:41	0°♎			
	-5106 Aug 23 j 16:23	0°♍				morning set	-5103 Apr 25 j 13:20	14°♎27'20			
	-5106 Sep 17 j 21:05	0°♊					-5103 May 08 j 05:10	0°♈			
	-5106 Oct 14 j 01:48	0°♌				asc. node	-5103 May 22 j 19:28	17°♈59'57			
evening max el	-5106 Oct 30 j 23:22	18°♌04'27	47°11'45			max. Earth dist.	-5103 May 27 j 04:06	23°♈23'20	1.72930 AU		
	-5106 Nov 12 j 04:27	0°♈									
asc. node	-5106 Dec 05 j 22:48	17°♈48'03				superior conj	-5103 May 31 j 07:30	28°♈31'02	0°19'47		
greatest brilliancy	-5106 Dec 06 j 11:45	18°♈04'28	-4.6m			minimum elong	-5103 May 31 j 03:40	28°♈19'10	0°19'43		
retrograde	-5106 Dec 20 j 22:51	21°♈57'37					-5103 Jun 01 j 12:13	0°♉			
evening set	-5105 Jan 06 j 10:00	16°♈32'54					-5103 Jun 25 j 15:19	0°♊			
min. Earth dist.	-5105 Jan 10 j 05:58	14°♈09'34	0.28491 AU			evening rise	-5103 Jul 06 j 08:17	13°♊21'36			
inferior conj	-5105 Jan 11 j 03:18	13°♈35'24	7°11'49				-5103 Jul 19 j 15:50	0°♋			
minimum elong	-5105 Jan 10 j 19:20	13°♈48'10	7°10'23				-5103 Aug 12 j 15:48	0°♌			
morning rise	-5105 Jan 15 j 05:07	11°♈01'48					-5103 Sep 05 j 17:25	0°♍			
direct	-5105 Feb 01 j 05:04	5°♈23'34				desc. node	-5103 Sep 11 j 17:37	7°♍27'55			
greatest brilliancy	-5105 Feb 12 j 06:26	7°♈36'09	-4.5m				-5103 Sep 29 j 22:40	0°♊			
	-5105 Mar 16 j 09:04	0°♌					-5103 Oct 24 j 09:56	0°♌			
morning max el	-5105 Mar 21 j 23:22	5°♌12'04	45°52'12				-5103 Nov 18 j 08:09	0°♈			
desc. node	-5105 Mar 28 j 00:46	11°♌04'52					-5103 Dec 14 j 05:32	0°♌			
	-5105 Apr 15 j 08:19	0°♍				asc. node	-5102 Jan 02 j 10:13	20°♌47'33			
	-5105 May 12 j 09:34	0°♎				evening max el	-5102 Jan 09 j 20:34	28°♌18'33	45°42'34		
	-5105 Jun 07 j 03:51	0°♈					-5102 Jan 11 j 14:02	0°♍			
	-5105 Jul 02 j 02:45	0°♉				greatest brilliancy	-5102 Feb 12 j 21:32	25°♍03'47	-4.5m		
asc. node	-5105 Jul 18 j 18:12	20°♉25'06				retrograde	-5102 Feb 27 j 19:08	28°♍56'40			
	-5105 Jul 26 j 11:48	0°♊				evening set	-5102 Mar 16 j 18:15	23°♍26'00			
	-5105 Aug 19 j 11:26	0°♋				inferior conj	-5102 Mar 21 j 06:04	20°♍38'46	6°38'58		
	-5105 Sep 12 j 06:03	0°♌				minimum elong	-5102 Mar 21 j 14:29	20°♍25'25	6°37'26		
morning set	-5105 Sep 16 j 06:36	5°♌05'07				min. Earth dist.	-5102 Mar 21 j 19:47	20°♍17'01	0.29406 AU		
	-5105 Oct 05 j 23:46	0°♍				morning rise	-5102 Mar 26 j 10:40	17°♍26'40			
						direct	-5102 Apr 12 j 03:06	12°♍10'36			
superior conj	-5105 Oct 27 j 17:44	27°♍23'47	0°25'06			desc. node	-5102 Apr 24 j 11:53	14°♍52'49			
minimum elong	-5105 Oct 28 j 00:25	27°♍44'45	0°24'49			greatest brilliancy	-5102 Apr 25 j 17:43	15°♍24'52	-4.5m		
	-5105 Oct 29 j 19:28	0°♊					-5102 May 17 j 15:02	0°♎			
max. Earth dist.	-5105 Nov 01 j 18:25	3°♊42'41	1.71197 AU			morning max el	-5102 May 31 j 05:06	12°♎16'15	45°59'23		
desc. node	-5105 Nov 07 j 16:47	11°♊09'02					-5102 Jun 17 j 16:04	0°♈			
	-5105 Nov 22 j 18:30	0°♌					-5102 Jul 14 j 14:57	0°♉			
evening rise	-5105 Dec 09 j 05:30	20°♌30'09					-5102 Aug 08 j 23:21	0°♊			
	-5105 Dec 16 j 21:04	0°♈				asc. node	-5102 Aug 15 j 06:07	7°♊37'06			
	-5104 Jan 10 j 03:28	0°♌					-5102 Sep 02 j 11:00	0°♋			
	-5104 Feb 03 j 14:57	0°♍					-5102 Sep 26 j 11:46	0°♌			
asc. node	-5104 Feb 28 j 07:51	29°♍53'28					-5102 Oct 20 j 08:41	0°♍			
	-5104 Feb 28 j 10:02	0°♎					-5102 Nov 13 j 06:25	0°♊			
	-5104 Mar 24 j 16:25	0°♈				morning set	-5102 Dec 02 j 15:27	24°♊12'21			
	-5104 Apr 19 j 16:04	0°♉				desc. node	-5102 Dec 05 j 05:27	27°♊25'25			
	-5104 May 16 j 22:52	0°♊					-5102 Dec 07 j 07:08	0°♌			
evening max el	-5104 Jun 04 j 07:49	18°♊39'43	46°04'11				-5102 Dec 31 j 11:05	0°♈			
	-5104 Jun 16 j 17:22	0°♋									
desc. node	-5104 Jun 19 j 08:11	2°♋12'33				superior conj	-5101 Jan 12 j 19:12	15°♈15'40	-1°-12'-57		
greatest brilliancy	-5104 Jul 13 j 08:25	17°♋23'09	-4.6m			minimum elong	-5101 Jan 12 j 10:30	14°♈48'47	1°13'02		
retrograde	-5104 Jul 23 j 21:48	19°♋24'11				max. Earth dist.	-5101 Jan 16 j 00:00	19°♈12'53	1.72859 AU		
evening set	-5104 Aug 10 j 18:06	13°♋28'13					-5101 Jan 24 j 17:41	0°♌			
inferior conj	-5104 Aug 13 j 16:14	11°♋43'41	-8°-57'-30				-5101 Feb 18 j 02:34	0°♍			
minimum elong	-5104 Aug 13 j 15:09	11°♋45'18	8°57'13			evening rise	-5101 Feb 20 j 03:24	2°♍29'58			
min. Earth dist.	-5104 Aug 13 j 21:54	11°♋35'08	0.26973 AU				-5101 Mar 14 j 13:58	0°♎			
morning rise	-5104 Aug 16 j 12:08	10°♋02'23				asc. node	-5101 Mar 27 j 20:14	16°♎11'30			
direct	-5104 Sep 03 j 08:12	4°♋02'09					-5101 Apr 08 j 04:32	0°♈			
greatest brilliancy	-5104 Sep 16 j 12:55	7°♋16'04	-4.7m				-5101 May 02 j 23:11	0°♉			
asc. node	-5104 Oct 10 j 02:38	24°♋04'55					-5101 May 27 j 23:27	0°♊			
	-5104 Oct 16 j 10:36	0°♌					-5101 Jun 22 j 08:45	0°♋			
morning max el	-5104 Oct 24 j 04:38	7°♌43'27	46°50'14			desc. node	-5101 Jul 17 j 19:37	29°♋16'03			

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 61

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5101 Jul 18 j 11:14	0°♈		desc. node	-5098 Jan 01 j 17:55	13°♌46'27	
	-5101 Aug 15 j 06:10	0°♍			-5098 Jan 14 j 23:00	0°♎	
evening max el	-5101 Aug 18 j 04:21	2°♍57'27	47°29'29		-5098 Feb 08 j 10:13	0°♏	
	-5101 Sep 19 j 07:56	0°♐		morning set	-5098 Feb 14 j 16:06	7°♏39'15	
greatest brilliancy	-5101 Sep 26 j 10:02	3°♐36'18	-4.7m		-5098 Mar 04 j 21:40	0°♑	
retrograde	-5101 Oct 07 j 22:25	6°♐05'51		max. Earth dist.	-5098 Mar 22 j 09:46	21°♑28'08	1.73749 AU
evening set	-5101 Oct 22 j 20:03	1°♐39'21					
	-5101 Oct 25 j 16:20	30°♑		superior conj	-5098 Mar 23 j 13:05	22°♑51'57	-1°-4'-42
min. Earth dist.	-5101 Oct 28 j 03:09	28°♑29'39	0.26524 AU	minimum elong	-5098 Mar 23 j 21:23	23°♑17'26	1°04'39
inferior conj	-5101 Oct 28 j 12:52	28°♑14'36	-2°-31'-55		-5098 Mar 29 j 08:36	0°♒	
minimum elong	-5101 Oct 28 j 18:20	28°♑06'08	2°30'13		-5098 Apr 22 j 18:46	0°♓	
morning rise	-5101 Nov 03 j 17:08	24°♑36'04		asc. node	-5098 Apr 24 j 08:58	1°♓57'25	
asc. node	-5101 Nov 07 j 13:45	22°♑45'48		evening rise	-5098 Apr 28 j 10:03	6°♓55'46	
direct	-5101 Nov 17 j 18:46	20°♑37'13			-5098 May 17 j 04:08	0°♈	
greatest brilliancy	-5101 Nov 29 j 01:49	23°♑01'13	-4.6m		-5098 Jun 10 j 13:06	0°♉	
	-5101 Dec 11 j 11:11	0°♒			-5098 Jul 04 j 22:45	0°♊	
morning max el	-5100 Jan 06 j 13:14	22°♒35'38	46°21'47		-5098 Jul 29 j 11:10	0°♋	
	-5100 Jan 13 j 21:44	0°♌		desc. node	-5098 Aug 14 j 07:25	19°♋14'15	
	-5100 Feb 10 j 18:42	0°♍			-5098 Aug 23 j 05:37	0°♌	
desc. node	-5100 Feb 27 j 15:37	19°♍02'16			-5098 Sep 17 j 11:48	0°♍	
	-5100 Mar 08 j 04:44	0°♎			-5098 Oct 13 j 19:32	0°♌	
	-5100 Apr 02 j 21:32	0°♏		evening max el	-5098 Oct 28 j 15:24	15°♌47'32	47°14'30
	-5100 Apr 28 j 02:21	0°♐			-5098 Nov 12 j 08:39	0°♎	
	-5100 May 22 j 21:15	0°♑		greatest brilliancy	-5098 Dec 04 j 04:57	15°♎50'36	-4.6m
	-5100 Jun 16 j 07:23	0°♒		asc. node	-5098 Dec 05 j 01:01	16°♎15'07	
asc. node	-5100 Jun 19 j 07:59	3°♒44'36		retrograde	-5098 Dec 18 j 16:02	19°♎43'38	
morning set	-5100 Jul 01 j 23:45	19°♒28'10		evening set	-5097 Jan 03 j 23:31	14°♏23'00	
	-5100 Jul 10 j 10:09	0°♓		min. Earth dist.	-5097 Jan 07 j 20:58	11°♏57'42	0.28418 AU
	-5100 Aug 03 j 07:43	0°♈		inferior conj	-5097 Jan 08 j 19:29	11°♏21'43	7°02'02
max. Earth dist.	-5100 Aug 06 j 02:41	3°♈30'54	1.71207 AU	minimum elong	-5097 Jan 08 j 11:11	11°♏34'59	7°00'28
				morning rise	-5097 Jan 12 j 23:22	8°♏45'25	
superior conj	-5100 Aug 08 j 16:14	6°♈44'46	1°22'47	direct	-5097 Jan 29 j 20:36	3°♏11'01	
minimum elong	-5100 Aug 08 j 13:15	6°♈35'24	1°23'04	greatest brilliancy	-5097 Feb 09 j 20:18	5°♏22'44	-4.5m
	-5100 Aug 27 j 02:50	0°♋			-5097 Mar 16 j 09:34	0°♏	
evening rise	-5100 Sep 17 j 17:49	27°♋15'05		morning max el	-5097 Mar 19 j 15:54	3°♏03'54	45°52'35
	-5100 Sep 19 j 22:16	0°♌		desc. node	-5097 Mar 27 j 02:59	10°♏20'21	
desc. node	-5100 Oct 09 j 06:15	24°♌16'24			-5097 Apr 15 j 00:30	0°♑	
	-5100 Oct 13 j 20:02	0°♍			-5097 May 11 j 23:05	0°♒	
	-5100 Nov 06 j 21:24	0°♎			-5097 Jun 06 j 16:09	0°♓	
	-5100 Dec 01 j 03:33	0°♏			-5097 Jul 01 j 14:24	0°♈	
	-5100 Dec 25 j 17:07	0°♐		asc. node	-5097 Jul 17 j 20:17	19°♈56'20	
	-5099 Jan 19 j 19:41	0°♑			-5097 Jul 25 j 23:08	0°♉	
asc. node	-5099 Jan 29 j 21:48	11°♑46'16			-5097 Aug 18 j 22:37	0°♊	
	-5099 Feb 14 j 22:28	0°♒			-5097 Sep 11 j 17:11	0°♋	
	-5099 Mar 15 j 04:37	0°♓		morning set	-5097 Sep 13 j 17:53	2°♋33'52	
evening max el	-5099 Mar 21 j 15:42	6°♓16'37	45°04'44		-5097 Oct 05 j 10:55	0°♌	
	-5099 Apr 20 j 22:50	0°♈					
greatest brilliancy	-5099 Apr 25 j 21:37	2°♈24'29	-4.5m	superior conj	-5097 Oct 25 j 02:15	24°♈44'35	0°28'55
retrograde	-5099 May 08 j 20:41	5°♈20'03		minimum elong	-5097 Oct 25 j 09:49	25°♈08'24	0°28'38
desc. node	-5099 May 21 j 23:07	2°♈03'20			-5097 Oct 29 j 06:38	0°♉	
evening set	-5099 May 23 j 15:43	1°♈12'19		max. Earth dist.	-5097 Oct 30 j 02:14	1°♉01'32	1.71153 AU
	-5099 May 25 j 20:29	30°♑		desc. node	-5097 Nov 06 j 18:59	10°♉41'02	
inferior conj	-5099 May 30 j 03:39	27°♑26'24	-1°-54'-34		-5097 Nov 22 j 05:38	0°♌	
minimum elong	-5099 May 29 j 23:27	27°♑32'49	1°53'15	evening rise	-5097 Dec 06 j 16:08	17°♌59'31	
min. Earth dist.	-5099 May 30 j 18:16	27°♑04'06	0.28266 AU		-5097 Dec 16 j 08:10	0°♍	
morning rise	-5099 Jun 05 j 06:16	23°♑50'19			-5096 Jan 09 j 14:36	0°♎	
direct	-5099 Jun 20 j 16:17	19°♑18'01			-5096 Feb 03 j 02:17	0°♏	
greatest brilliancy	-5099 Jul 05 j 12:23	23°♑07'58	-4.6m	asc. node	-5096 Feb 27 j 09:58	29°♑24'28	
	-5099 Jul 16 j 18:15	0°♒			-5096 Feb 27 j 21:49	0°♒	
morning max el	-5099 Aug 09 j 16:56	21°♒01'27	46°34'16		-5096 Mar 24 j 05:06	0°♓	
	-5099 Aug 18 j 10:31	0°♓			-5096 Apr 19 j 06:32	0°♈	
asc. node	-5099 Sep 11 j 17:38	27°♓01'25			-5096 May 16 j 17:16	0°♉	
	-5099 Sep 14 j 07:07	0°♈		evening max el	-5096 Jun 01 j 22:08	16°♓21'21	46°00'57
	-5099 Oct 09 j 10:41	0°♉			-5096 Jun 17 j 02:05	0°♊	
	-5099 Nov 02 j 22:17	0°♑		desc. node	-5096 Jun 18 j 10:21	1°♓05'54	
	-5099 Nov 27 j 05:21	0°♒		greatest brilliancy	-5096 Jul 10 j 19:20	14°♓56'35	-4.6m
	-5099 Dec 21 j 13:09	0°♌		retrograde	-5096 Jul 21 j 10:03	16°♓58'03	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 62

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5096 Aug 08 j 04:24	11° ☿ 05'26			-5093 Jan 24 j 04:50	0° ☿	
inferior conj	-5096 Aug 11 j 04:40	9° ☿ 17'34	-8°-55'-18	evening rise	-5093 Feb 17 j 19:52	0° \approx 18'57	
minimum elong	-5096 Aug 11 j 02:37	9° ☿ 20'39	8°54'59		-5093 Feb 17 j 13:41	0° \approx	
min. Earth dist.	-5096 Aug 11 j 10:01	9° ☿ 09'30	0.27011 AU		-5093 Mar 14 j 01:09	0° ✶	
morning rise	-5096 Aug 14 j 00:46	7° ☿ 35'47		asc. node	-5093 Mar 26 j 22:31	15° ✶ 44'01	
direct	-5096 Aug 31 j 21:44	1° ☿ 35'39			-5093 Apr 07 j 15:58	0° ☿	
greatest brilliancy	-5096 Sep 14 j 02:13	4° ☿ 49'01	-4.7m		-5093 May 02 j 11:07	0° ☿	
asc. node	-5096 Oct 09 j 04:56	23° ☿ 01'28			-5093 May 27 j 12:13	0° ☿	
	-5096 Oct 16 j 12:23	0° ☿			-5093 Jun 21 j 22:55	0° ☿	
morning max el	-5096 Oct 21 j 17:44	5° ☿ 15'30	46°50'23	desc. node	-5093 Jul 16 j 21:37	28° ☿ 34'58	
	-5096 Nov 13 j 13:07	0° ☿			-5093 Jul 18 j 03:59	0° ☿	
	-5096 Dec 09 j 11:09	0° ☿			-5093 Aug 15 j 05:17	0° ☿	
	-5095 Jan 03 j 17:50	0° ☿		evening max el	-5093 Aug 15 j 16:50	0° ☿ 28'59	47°27'35
	-5095 Jan 28 j 19:13	0° ☿			-5093 Sep 21 j 11:32	0° ☿	
desc. node	-5095 Jan 29 j 05:57	0° ☿ 32'12		greatest brilliancy	-5093 Sep 24 j 02:11	1° ☿ 09'46	-4.7m
	-5095 Feb 22 j 17:40	0° ☿		retrograde	-5093 Oct 05 j 10:42	3° ☿ 35'47	
	-5095 Mar 19 j 13:01	0° \approx			-5093 Oct 18 j 19:02	30° ☿	
	-5095 Apr 13 j 04:37	0° ✶		evening set	-5093 Oct 20 j 10:51	29° ☿ 06'50	
morning set	-5095 Apr 23 j 08:46	12° ✶ 26'35		min. Earth dist.	-5093 Oct 25 j 17:25	25° ☿ 58'14	0.26500 AU
	-5095 May 07 j 16:01	0° ☿		inferior conj	-5093 Oct 26 j 01:34	25° ☿ 45'38	-2°-54'-59
asc. node	-5095 May 21 j 21:38	17° ☿ 33'10		minimum elong	-5093 Oct 26 j 07:48	25° ☿ 36'00	2°53'04
max. Earth dist.	-5095 May 24 j 22:20	21° ☿ 17'47	1.72985 AU	morning rise	-5093 Nov 01 j 05:06	22° ☿ 08'09	
				asc. node	-5093 Nov 06 j 15:56	19° ☿ 40'45	
superior conj	-5095 May 29 j 02:20	26° ☿ 27'09	0°16'48	direct	-5093 Nov 15 j 06:34	18° ☿ 08'33	
minimum elong	-5095 May 28 j 23:04	26° ☿ 17'02	0°16'44	greatest brilliancy	-5093 Nov 26 j 16:46	20° ☿ 35'26	-4.6m
	-5095 May 31 j 23:05	0° ☿			-5093 Dec 12 j 09:02	0° ☿	
	-5095 Jun 25 j 02:18	0° ☿		morning max el	-5092 Jan 04 j 02:21	20° ☿ 11'18	46°23'08
evening rise	-5095 Jul 04 j 01:30	11° ☿ 10'57			-5092 Jan 13 j 18:24	0° ☿	
	-5095 Jul 19 j 03:01	0° ☿			-5092 Feb 10 j 10:23	0° ☿	
	-5095 Aug 12 j 03:16	0° ☿		desc. node	-5092 Feb 26 j 17:49	18° ☿ 28'03	
	-5095 Sep 05 j 05:12	0° ☿			-5092 Mar 07 j 18:19	0° ☿	
desc. node	-5095 Sep 10 j 19:48	6° ☿ 57'52			-5092 Apr 02 j 09:58	0° \approx	
	-5095 Sep 29 j 10:51	0° ☿			-5092 Apr 27 j 14:07	0° ☿	
	-5095 Oct 23 j 22:42	0° ☿			-5092 May 22 j 08:37	0° ☿	
	-5095 Nov 17 j 21:57	0° ☿			-5092 Jun 15 j 18:33	0° ☿	
	-5095 Dec 13 j 21:31	0° ☿		asc. node	-5092 Jun 18 j 10:06	3° ☿ 16'36	
asc. node	-5094 Jan 01 j 12:19	20° ☿ 02'34		morning set	-5092 Jun 29 j 16:35	17° ☿ 16'24	
evening max el	-5094 Jan 07 j 11:48	26° ☿ 04'21	45°45'20		-5092 Jul 09 j 21:17	0° ☿	
	-5094 Jan 11 j 12:51	0° \approx			-5092 Aug 02 j 18:55	0° ☿	
greatest brilliancy	-5094 Feb 10 j 14:56	22° \approx 57'21	-4.5m	max. Earth dist.	-5092 Aug 03 j 15:00	1° ☿ 03'15	1.71259 AU
retrograde	-5094 Feb 25 j 11:56	26° \approx 50'26					
evening set	-5094 Mar 14 j 13:46	21° \approx 16'16		superior conj	-5092 Aug 06 j 06:33	4° ☿ 23'20	1°22'11
inferior conj	-5094 Mar 18 j 23:21	18° \approx 32'06	6°49'28	minimum elong	-5092 Aug 06 j 02:49	4° ☿ 11'35	1°22'26
minimum elong	-5094 Mar 19 j 07:30	18° \approx 19'08	6°48'02		-5092 Aug 26 j 14:09	0° ☿	
min. Earth dist.	-5094 Mar 19 j 12:23	18° \approx 11'23	0.29415 AU	evening rise	-5092 Sep 15 j 03:34	24° ☿ 38'48	
morning rise	-5094 Mar 24 j 01:11	15° \approx 23'32			-5092 Sep 19 j 09:43	0° ☿	
direct	-5094 Apr 09 j 19:51	10° \approx 03'54		desc. node	-5092 Oct 08 j 08:26	23° ☿ 46'56	
greatest brilliancy	-5094 Apr 23 j 07:45	13° \approx 14'29	-4.5m		-5092 Oct 13 j 07:38	0° ☿	
desc. node	-5094 Apr 23 j 14:04	13° \approx 21'32			-5092 Nov 06 j 09:10	0° ☿	
	-5094 May 17 j 20:00	0° ☿			-5092 Nov 30 j 15:34	0° ☿	
morning max el	-5094 May 28 j 20:24	10° ☿ 04'21	45°58'27		-5092 Dec 25 j 05:33	0° ☿	
	-5094 Jun 17 j 09:22	0° ☿			-5091 Jan 19 j 09:02	0° \approx	
	-5094 Jul 14 j 05:08	0° ☿		asc. node	-5091 Jan 28 j 23:58	11° \approx 12'11	
	-5094 Aug 08 j 12:12	0° ☿			-5091 Feb 14 j 13:51	0° ☿	
asc. node	-5094 Aug 14 j 08:14	7° ☿ 05'00			-5091 Mar 15 j 01:39	0° ☿	
	-5094 Sep 01 j 23:12	0° ☿		evening max el	-5091 Mar 19 j 07:14	4° ☿ 04'52	45°04'35
	-5094 Sep 25 j 23:37	0° ☿			-5091 Apr 23 j 01:39	0° ☿	
	-5094 Oct 19 j 20:19	0° ☿		greatest brilliancy	-5091 Apr 23 j 09:19	0° ☿ 08'16	-4.5m
	-5094 Nov 12 j 17:53	0° ☿		retrograde	-5091 May 06 j 12:12	3° ☿ 07'27	
morning set	-5094 Nov 30 j 01:31	21° ☿ 38'43			-5091 May 19 j 06:04	30° ☿	
desc. node	-5094 Dec 04 j 07:31	26° ☿ 56'34		evening set	-5091 May 21 j 06:42	28° ☿ 59'15	
	-5094 Dec 06 j 18:27	0° ☿		desc. node	-5091 May 21 j 01:14	29° ☿ 06'24	
	-5094 Dec 30 j 22:18	0° ☿		inferior conj	-5091 May 27 j 18:46	25° ☿ 12'52	-1°-34'-16
				minimum elong	-5091 May 27 j 15:17	25° ☿ 18'10	1°33'10
superior conj	-5093 Jan 10 j 08:28	12° ☿ 53'49	-1°-11'-12	min. Earth dist.	-5091 May 28 j 09:42	24° ☿ 50'06	0.28313 AU
minimum elong	-5093 Jan 09 j 23:15	12° ☿ 25'21	1°11'15	morning rise	-5091 Jun 02 j 23:03	21° ☿ 34'40	
max. Earth dist.	-5093 Jan 13 j 17:04	17° ☿ 02'51	1.72803 AU	direct	-5091 Jun 18 j 08:13	17° ☿ 03'32	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 63

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5091 Jul 03 j 05:02	20° Υ 54'49	-4.6m			-5088 Feb 02 j 13:57	0° \approx	
	-5091 Jul 17 j 10:23	0° B		asc. node		-5088 Feb 26 j 12:13	28° \approx 54'50	
morning max el	-5091 Aug 07 j 08:59	18° B 45'52	46°33'06			-5088 Feb 27 j 09:58	0° H	
	-5091 Aug 18 j 05:59	0° II				-5088 Mar 23 j 18:12	0° Υ	
asc. node	-5091 Sep 10 j 20:00	26° II 23'04				-5088 Apr 18 j 21:29	0° B	
	-5091 Sep 13 j 22:26	0° S				-5088 May 16 j 12:29	0° II	
	-5091 Oct 09 j 00:19	0° Ω		evening max el		-5088 May 30 j 11:48	14° II 00'41	45°57'44
	-5091 Nov 02 j 11:04	0° M		desc. node		-5088 Jun 17 j 12:26	29° II 56'31	
	-5091 Nov 26 j 17:37	0° A				-5088 Jun 17 j 14:13	0° S	
	-5091 Dec 21 j 01:02	0° M		greatest brilliancy		-5088 Jul 08 j 07:11	12° S 30'26	-4.6m
desc. node	-5091 Dec 31 j 19:58	13° M 16'46		retrograde		-5088 Jul 18 j 21:42	14° S 31'30	
	-5090 Jan 14 j 10:34	0° A		evening set		-5088 Aug 05 j 14:18	8° S 43'00	
	-5090 Feb 07 j 21:31	0° S		inferior conj		-5088 Aug 08 j 17:08	6° S 51'16	-8°-52'-13
morning set	-5090 Feb 12 j 07:43	5° S 25'31		minimum elong		-5088 Aug 08 j 14:09	6° S 55'47	8°51'49
	-5090 Mar 04 j 08:47	0° \approx		min. Earth dist.		-5088 Aug 08 j 22:35	6° S 43'01	0.27044 AU
max. Earth dist.	-5090 Mar 20 j 08:33	19° \approx 36'48	1.73748 AU	morning rise		-5088 Aug 11 j 13:53	5° S 08'19	
						-5088 Aug 22 j 23:07	30° R II	
superior conj	-5090 Mar 21 j 07:22	20° \approx 46'47	-1°-6'-35	direct		-5088 Aug 29 j 10:44	29° II 08'53	
minimum elong	-5090 Mar 21 j 15:34	21° \approx 11'55	1°06'34			-5088 Sep 05 j 01:54	0° S	
	-5090 Mar 28 j 19:41	0° H		greatest brilliancy		-5088 Sep 11 j 16:01	2° S 22'18	-4.7m
	-5090 Apr 22 j 05:54	0° Υ		asc. node		-5088 Oct 08 j 07:01	21° S 58'56	
asc. node	-5090 Apr 23 j 11:05	1° Υ 29'39				-5088 Oct 16 j 12:58	0° Ω	
evening rise	-5090 Apr 26 j 05:30	4° Υ 53'46		morning max el		-5088 Oct 19 j 05:56	2° Ω 45'03	46°50'42
	-5090 May 16 j 15:27	0° B				-5088 Nov 13 j 06:13	0° M	
	-5090 Jun 10 j 00:41	0° II				-5088 Dec 09 j 01:35	0° A	
	-5090 Jul 04 j 10:45	0° S				-5087 Jan 03 j 06:55	0° M	
	-5090 Jul 28 j 23:47	0° Ω		desc. node		-5087 Jan 28 j 08:08	0° A 02'01	
desc. node	-5090 Aug 13 j 09:39	18° Ω 41'11				-5087 Jan 28 j 07:28	0° A	
	-5090 Aug 22 j 19:10	0° M				-5087 Feb 22 j 05:22	0° S	
	-5090 Sep 17 j 02:56	0° A				-5087 Mar 19 j 00:21	0° \approx	
	-5090 Oct 13 j 14:03	0° M				-5087 Apr 12 j 15:43	0° H	
evening max el	-5090 Oct 26 j 08:07	13° M 31'04	47°16'50	morning set		-5087 Apr 21 j 03:47	10° H 24'06	
	-5090 Nov 12 j 15:32	0° A				-5087 May 07 j 03:00	0° Υ	
greatest brilliancy	-5090 Dec 01 j 22:40	13° A 35'20	-4.6m	asc. node		-5087 May 20 j 23:39	17° Υ 05'33	
asc. node	-5090 Dec 04 j 03:09	14° A 36'41		max. Earth dist.		-5087 May 22 j 16:56	19° Υ 13'03	1.73039 AU
retrograde	-5090 Dec 16 j 08:56	17° A 26'43						
evening set	-5089 Jan 01 j 12:39	12° A 10'33		superior conj		-5087 May 26 j 20:55	24° Υ 22'09	0°13'46
min. Earth dist.	-5089 Jan 05 j 11:39	9° A 43'00	0.28345 AU	minimum elong		-5087 May 26 j 18:13	24° Υ 13'49	0°13'44
inferior conj	-5089 Jan 06 j 11:16	9° A 05'16	6°51'17	behind sun begin		-5087 May 26 j 07:00	23° Υ 39'07	
minimum elong	-5089 Jan 06 j 02:42	9° A 18'57	6°49'36	behind sun end		-5087 May 27 j 05:26	24° Υ 48'31	
morning rise	-5089 Jan 10 j 17:22	6° A 25'56				-5087 May 31 j 10:04	0° B	
direct	-5089 Jan 27 j 12:02	0° A 55'56				-5087 Jun 24 j 13:24	0° II	
greatest brilliancy	-5089 Feb 07 j 09:04	3° A 05'47	-4.5m	evening rise		-5087 Jul 01 j 18:41	9° II 00'00	
	-5089 Mar 16 j 09:34	0° S				-5087 Jul 18 j 14:20	0° S	
morning max el	-5089 Mar 17 j 07:56	0° S 53'00	45°53'01			-5087 Aug 11 j 14:50	0° Ω	
desc. node	-5089 Mar 26 j 05:13	9° S 35'12				-5087 Sep 04 j 17:04	0° M	
	-5089 Apr 14 j 16:51	0° \approx		desc. node		-5087 Sep 09 j 21:57	6° M 27'31	
	-5089 May 11 j 12:51	0° H				-5087 Sep 28 j 23:04	0° A	
	-5089 Jun 06 j 04:43	0° Υ				-5087 Oct 23 j 11:28	0° M	
	-5089 Jul 01 j 02:20	0° B				-5087 Nov 17 j 11:45	0° A	
asc. node	-5089 Jul 16 j 22:23	19° B 26'46				-5087 Dec 13 j 13:40	0° S	
greatest brilliancy	-5089 Jul 18 j 17:21	21° B 39'35	-4.0m	asc. node		-5087 Dec 31 j 14:29	19° S 17'22	
	-5089 Jul 25 j 10:44	0° II		evening max el		-5086 Jan 05 j 02:20	23° S 48'24	45°47'59
	-5089 Aug 18 j 10:01	0° S				-5086 Jan 11 j 12:37	0° \approx	
morning set	-5089 Sep 11 j 05:42	0° Ω 03'45		greatest brilliancy		-5086 Feb 08 j 06:57	20° \approx 48'51	-4.5m
	-5089 Sep 11 j 04:31	0° Ω		retrograde		-5086 Feb 23 j 04:36	24° \approx 43'57	
	-5089 Oct 04 j 22:13	0° M		evening set		-5086 Mar 12 j 09:07	19° \approx 06'02	
				inferior conj		-5086 Mar 16 j 16:33	16° \approx 25'02	6°59'24
superior conj	-5089 Oct 22 j 11:11	22° M 06'09	0°32'39	minimum elong		-5086 Mar 17 j 00:26	16° \approx 12'30	6°58'04
minimum elong	-5089 Oct 22 j 19:33	22° M 32'31	0°32'20	min. Earth dist.		-5086 Mar 17 j 05:05	16° \approx 05'07	0.29428 AU
max. Earth dist.	-5089 Oct 27 j 11:49	28° M 25'22	1.71113 AU	morning rise		-5086 Mar 21 j 15:39	13° \approx 20'10	
	-5089 Oct 28 j 17:57	0° A		direct		-5086 Apr 07 j 12:15	7° \approx 56'34	
desc. node	-5089 Nov 05 j 21:01	10° A 11'55		greatest brilliancy		-5086 Apr 20 j 22:58	11° \approx 05'10	-4.5m
	-5089 Nov 21 j 16:58	0° M		desc. node		-5086 Apr 22 j 16:08	11° \approx 52'44	
evening rise	-5089 Dec 04 j 02:35	15° M 27'28				-5086 May 17 j 23:21	0° H	
	-5089 Dec 15 j 19:32	0° A		morning max el		-5086 May 26 j 11:53	7° H 52'43	45°57'38
	-5088 Jan 09 j 02:02	0° S				-5086 Jun 17 j 02:21	0° Υ	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5086 Jul 13 j 19:10	0°♄		asc. node	-5083 Jan 28 j 02:15	10°≈39'32	
	-5086 Aug 08 j 00:57	0°♅			-5083 Feb 14 j 04:57	0°♄	
asc. node	-5086 Aug 13 j 10:30	6°♅33'38			-5083 Mar 14 j 22:51	0°♄	
	-5086 Sep 01 j 11:18	0°♅		evening max el	-5083 Mar 16 j 23:29	1°♄56'20	45°04'26
	-5086 Sep 25 j 11:22	0°♅		greatest brilliancy	-5083 Apr 20 j 21:42	27°♄54'31	-4.5m
	-5086 Oct 19 j 07:51	0°♅			-5083 Apr 26 j 23:13	0°♄	
	-5086 Nov 12 j 05:12	0°♅		retrograde	-5083 May 04 j 03:35	0°♄56'16	
morning set	-5086 Nov 27 j 11:48	19°♅06'04			-5083 May 11 j 01:55	30°♄	
desc. node	-5086 Dec 03 j 09:35	26°♅28'10		evening set	-5083 May 18 j 22:02	26°♄47'40	
	-5086 Dec 06 j 05:36	0°♅		desc. node	-5083 May 20 j 03:21	26°♄07'59	
	-5086 Dec 30 j 09:19	0°♅		inferior conj	-5083 May 25 j 10:00	23°♄00'49	-1°-13'-52
				minimum elong	-5083 May 25 j 07:16	23°♄04'59	1°13'00
superior conj	-5085 Jan 07 j 21:56	10°♄33'12	-1°-9'-20	min. Earth dist.	-5083 May 26 j 01:07	22°♄37'43	0.28365 AU
minimum elong	-5085 Jan 07 j 12:16	10°♄03'20	1°09'21	morning rise	-5083 May 31 j 15:46	19°♄20'29	
max. Earth dist.	-5085 Jan 11 j 09:03	14°♄50'06	1.72746 AU	direct	-5083 Jun 16 j 00:40	14°♄50'36	
	-5085 Jan 23 j 15:45	0°♄		greatest brilliancy	-5083 Jun 30 j 20:57	18°♄41'47	-4.6m
evening rise	-5085 Feb 15 j 12:27	28°♄08'56			-5083 Jul 17 j 22:06	0°♄	
	-5085 Feb 17 j 00:37	0°≈		morning max el	-5083 Aug 05 j 00:56	16°♄30'57	46°31'47
	-5085 Mar 13 j 12:11	0°♄			-5083 Aug 18 j 00:41	0°♅	
asc. node	-5085 Mar 26 j 00:34	15°♄16'16		asc. node	-5083 Sep 09 j 22:03	25°♅44'57	
	-5085 Apr 07 j 03:17	0°♄			-5083 Sep 13 j 13:17	0°♅	
	-5085 May 01 j 22:58	0°♄			-5083 Oct 08 j 13:34	0°♅	
	-5085 May 27 j 00:58	0°♅			-5083 Nov 01 j 23:27	0°♅	
	-5085 Jun 21 j 13:07	0°♅			-5083 Nov 26 j 05:29	0°♅	
desc. node	-5085 Jul 15 j 23:51	27°♅54'31			-5083 Dec 20 j 12:31	0°♅	
	-5085 Jul 17 j 20:54	0°♅		desc. node	-5083 Dec 30 j 22:08	12°♅48'35	
evening max el	-5085 Aug 13 j 05:20	28°♅01'08	47°25'43		-5082 Jan 13 j 21:44	0°♄	
	-5085 Aug 15 j 05:12	0°♅			-5082 Feb 07 j 08:25	0°♄	
greatest brilliancy	-5085 Sep 21 j 17:22	28°♅42'27	-4.7m	morning set	-5082 Feb 09 j 23:31	3°♄13'26	
	-5085 Sep 25 j 11:02	0°♅			-5082 Mar 03 j 19:30	0°≈	
retrograde	-5085 Oct 02 j 23:16	1°♅06'06		max. Earth dist.	-5082 Mar 18 j 08:37	17°≈50'39	1.73739 AU
	-5085 Oct 10 j 06:11	30°♅					
evening set	-5085 Oct 18 j 01:40	26°♅34'07		superior conj	-5082 Mar 19 j 01:54	18°≈43'40	-1°-8'-22
inferior conj	-5085 Oct 23 j 14:06	23°♅16'47	-3°-17'-53	minimum elong	-5082 Mar 19 j 09:56	19°≈08'19	1°08'22
minimum elong	-5085 Oct 23 j 21:05	23°♅06'03	3°15'44		-5082 Mar 28 j 06:19	0°♄	
min. Earth dist.	-5085 Oct 23 j 07:22	23°♅27'11	0.26478 AU		-5082 Apr 21 j 16:36	0°♄	
morning rise	-5085 Oct 29 j 16:44	19°♅40'56		asc. node	-5082 Apr 22 j 13:10	1°♄03'10	
asc. node	-5085 Nov 05 j 18:04	16°♅41'39		evening rise	-5082 Apr 24 j 01:14	2°♄54'01	
direct	-5085 Nov 12 j 18:32	15°♅39'54			-5082 May 16 j 02:20	0°♄	
greatest brilliancy	-5085 Nov 24 j 07:31	18°♅09'52	-4.6m		-5082 Jun 09 j 11:55	0°♅	
	-5085 Dec 13 j 01:01	0°♅			-5082 Jul 03 j 22:29	0°♅	
morning max el	-5084 Jan 01 j 16:26	17°♅50'03	46°24'41		-5082 Jul 28 j 12:11	0°♅	
	-5084 Jan 13 j 14:06	0°♅		desc. node	-5082 Aug 12 j 11:46	18°♅08'27	
	-5084 Feb 10 j 01:29	0°♄			-5082 Aug 22 j 08:34	0°♅	
desc. node	-5084 Feb 25 j 20:00	17°♄55'04			-5082 Sep 16 j 17:59	0°♅	
	-5084 Mar 07 j 07:24	0°♄			-5082 Oct 13 j 08:42	0°♅	
	-5084 Apr 01 j 21:59	0°≈		evening max el	-5082 Oct 24 j 00:49	11°♅15'22	47°19'10
	-5084 Apr 27 j 01:32	0°♄			-5082 Nov 13 j 00:26	0°♄	
	-5084 May 21 j 19:42	0°♄		greatest brilliancy	-5082 Nov 29 j 17:21	11°♄22'13	-4.6m
	-5084 Jun 15 j 05:30	0°♄		asc. node	-5082 Dec 03 j 05:19	12°♄55'49	
asc. node	-5084 Jun 17 j 12:15	2°♄49'24		retrograde	-5082 Dec 14 j 01:34	15°♄10'29	
morning set	-5084 Jun 27 j 09:19	15°♄05'06		evening set	-5082 Dec 30 j 01:51	9°♄59'05	
	-5084 Jul 09 j 08:13	0°♅		min. Earth dist.	-5081 Jan 03 j 02:35	7°♄28'53	0.28265 AU
max. Earth dist.	-5084 Aug 01 j 02:38	28°♅34'16	1.71308 AU	inferior conj	-5081 Jan 04 j 03:02	6°♄49'47	6°39'54
	-5084 Aug 02 j 05:53	0°♅		minimum elong	-5081 Jan 03 j 18:15	7°♄03'49	6°38'06
				morning rise	-5081 Jan 08 j 11:21	4°♄07'13	
superior conj	-5084 Aug 03 j 20:44	2°♅02'17	1°21'26		-5081 Jan 17 j 03:45	30°♅	
minimum elong	-5084 Aug 03 j 16:16	1°♅48'13	1°21'39	direct	-5081 Jan 25 j 03:25	28°♅41'58	
	-5084 Aug 26 j 01:12	0°♅			-5081 Feb 02 j 11:13	0°♄	
evening rise	-5084 Sep 12 j 13:18	22°♅03'16		greatest brilliancy	-5081 Feb 04 j 21:34	0°♄49'24	-4.5m
	-5084 Sep 18 j 20:54	0°♅		morning max el	-5081 Mar 14 j 23:26	28°♄41'59	45°53'36
desc. node	-5084 Oct 07 j 10:25	23°♅17'45			-5081 Mar 16 j 08:03	0°♄	
	-5084 Oct 12 j 18:58	0°♅		desc. node	-5081 Mar 25 j 07:11	8°♄51'21	
	-5084 Nov 05 j 20:40	0°♅			-5081 Apr 14 j 08:27	0°≈	
	-5084 Nov 30 j 03:18	0°♄			-5081 May 11 j 02:02	0°♄	
	-5084 Dec 24 j 17:42	0°♄			-5081 Jun 05 j 16:46	0°♄	
	-5083 Jan 18 j 22:04	0°≈			-5081 Jun 30 j 13:49	0°♄	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

asc. node	-5081 Jul 16 j 00:38	18° 8 58'57				-5079 Dec 13 j 06:07	0° 8		
	-5081 Jul 24 j 21:55	0° II			asc. node	-5079 Dec 30 j 16:44	18° 8 31'46		
greatest brilliancy	-5081 Jul 25 j 00:43	0° II 08'41	-4.0m		evening max el	-5078 Jan 02 j 16:43	21° 8 32'03	45°50'58	
	-5081 Aug 17 j 21:06	0° 8				-5078 Jan 11 j 13:33	0° ≈		
morning set	-5081 Sep 08 j 17:15	27° 8 33'31			greatest brilliancy	-5078 Feb 05 j 22:18	18° ≈ 39'28	-4.5m	
	-5081 Sep 10 j 15:36	0° Ω			retrograde	-5078 Feb 20 j 21:40	22° ≈ 37'42		
	-5081 Oct 04 j 09:19	0° Π			evening set	-5078 Mar 10 j 04:20	16° ≈ 55'50		
					inferior conj	-5078 Mar 14 j 09:43	14° ≈ 18'00	7°08'44	
superior conj	-5081 Oct 19 j 19:46	19° Π 27'21	0°36'20		minimum elong	-5078 Mar 14 j 17:16	14° ≈ 06'00	7°07'31	
minimum elong	-5081 Oct 20 j 04:53	19° Π 56'00	0°35'59		min. Earth dist.	-5078 Mar 14 j 21:30	13° ≈ 59'15	0.29435 AU	
max. Earth dist.	-5081 Oct 24 j 18:36	25° Π 41'01	1.71070 AU		morning rise	-5078 Mar 19 j 06:05	11° ≈ 17'07		
	-5081 Oct 28 j 05:03	0° Δ			direct	-5078 Apr 05 j 04:35	5° ≈ 49'16		
desc. node	-5081 Nov 04 j 23:07	9° Δ 43'47			greatest brilliancy	-5078 Apr 18 j 14:45	8° ≈ 56'56	-4.5m	
	-5081 Nov 21 j 04:02	0° ℳ			desc. node	-5078 Apr 21 j 18:20	10° ≈ 27'20		
evening rise	-5081 Dec 01 j 12:31	12° ℳ 54'29				-5078 May 18 j 01:01	0° ℥		
	-5081 Dec 15 j 06:36	0° ♁			morning max el	-5078 May 24 j 04:15	5° ℥ 43'42	45°56'59	
	-5080 Jan 08 j 13:11	0° 8				-5078 Jun 16 j 18:51	0° Υ		
	-5080 Feb 02 j 01:19	0° ≈				-5078 Jul 13 j 08:52	0° 8		
asc. node	-5080 Feb 25 j 14:17	28° ≈ 25'36				-5078 Aug 07 j 13:26	0° II		
	-5080 Feb 26 j 21:49	0° ℥			asc. node	-5078 Aug 12 j 12:33	6° II 02'19		
	-5080 Mar 23 j 06:59	0° Υ				-5078 Aug 31 j 23:11	0° 8		
	-5080 Apr 18 j 12:10	0° 8				-5078 Sep 24 j 22:57	0° Ω		
	-5080 May 16 j 07:40	0° II				-5078 Oct 18 j 19:14	0° Π		
evening max el	-5080 May 28 j 00:43	11° II 39'50	45°54'37			-5078 Nov 11 j 16:28	0° Δ		
desc. node	-5080 Jun 16 j 14:38	28° II 47'05			morning set	-5078 Nov 24 j 21:40	16° Δ 32'00		
	-5080 Jun 18 j 05:21	0° 8			desc. node	-5078 Dec 02 j 11:46	26° Δ 00'06		
greatest brilliancy	-5080 Jul 05 j 19:00	10° 8 06'10	-4.6m			-5078 Dec 05 j 16:47	0° ℳ		
retrograde	-5080 Jul 16 j 09:12	12° 8 07'14				-5078 Dec 29 j 20:24	0° ♁		
evening set	-5080 Aug 02 j 23:56	6° 8 23'10							
inferior conj	-5080 Aug 06 j 05:51	4° 8 26'58	-8°-47'-55		superior conj	-5077 Jan 05 j 10:38	8° ♁ 09'52	-1°-7'-17	
minimum elong	-5080 Aug 06 j 01:57	4° 8 32'51	8°47'26		minimum elong	-5077 Jan 05 j 00:36	7° ♁ 38'50	1°07'17	
min. Earth dist.	-5080 Aug 06 j 11:38	4° 8 18'14	0.27087 AU		max. Earth dist.	-5077 Jan 08 j 21:53	12° ♁ 27'19	1.72690 AU	
morning rise	-5080 Aug 09 j 03:50	2° 8 42'05				-5077 Jan 23 j 02:45	0° 8		
	-5080 Aug 14 j 02:57	30° ℞ II			evening rise	-5077 Feb 13 j 04:24	25° 8 56'46		
direct	-5080 Aug 26 j 23:41	26° II 43'41				-5077 Feb 16 j 11:35	0° ≈		
	-5080 Sep 09 j 08:23	0° 8				-5077 Mar 12 j 23:16	0° ℥		
greatest brilliancy	-5080 Sep 09 j 07:22	29° II 58'49	-4.7m		asc. node	-5077 Mar 25 j 02:39	14° ℥ 48'26		
asc. node	-5080 Oct 07 j 09:10	20° 8 58'							

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5076 Jul 08 j 19:15	0°♊		minimum elong	-5073 Jan 01 j 09:52	4°♊47'55	6°25'58
max. Earth dist.	-5076 Jul 29 j 12:25	25°♊59'13	1.71356 AU	morning rise	-5073 Jan 06 j 05:22	1°♊47'36	
					-5073 Jan 09 j 10:56	30°♋♌	
superior conj	-5076 Aug 01 j 11:19	29°♊42'13	1°20'32	direct	-5073 Jan 22 j 18:30	26°♌27'17	
minimum elong	-5076 Aug 01 j 06:10	29°♊26'00	1°20'45	greatest brilliancy	-5073 Feb 02 j 10:46	28°♌32'54	-4.5m
	-5076 Aug 01 j 16:58	0°♌			-5073 Feb 05 j 21:24	0°♌	
	-5076 Aug 25 j 12:23	0°♌		morning max el	-5073 Mar 12 j 13:55	26°♌27'34	45°54'02
evening rise	-5076 Sep 09 j 23:33	19°♌29'04			-5073 Mar 16 j 06:00	0°♍	
	-5076 Sep 18 j 08:11	0°♍		desc. node	-5073 Mar 24 j 09:26	8°♍07'54	
desc. node	-5076 Oct 06 j 12:34	22°♍48'49			-5073 Apr 14 j 00:13	0°♎	
	-5076 Oct 12 j 06:24	0°♎			-5073 May 10 j 15:32	0°♎	
	-5076 Nov 05 j 08:16	0°♏			-5073 Jun 05 j 05:11	0°♏	
	-5076 Nov 29 j 15:10	0°♏			-5073 Jun 30 j 01:40	0°♐	
	-5076 Dec 24 j 06:03	0°♐		asc. node	-5073 Jul 15 j 02:40	18°♐29'21	
	-5075 Jan 18 j 11:26	0°♑			-5073 Jul 24 j 09:27	0°♑	
asc. node	-5075 Jan 27 j 04:16	10°♑05'08		greatest brilliancy	-5073 Jul 28 j 04:42	4°♑44'06	-3.9m
	-5075 Feb 13 j 20:38	0°♒			-5073 Aug 17 j 08:30	0°♒	
evening max el	-5075 Mar 14 j 15:53	29°♒47'02	45°04'23	morning set	-5073 Sep 06 j 04:48	25°♒02'26	
	-5075 Mar 14 j 21:21	0°♓			-5073 Sep 10 j 02:57	0°♓	
greatest brilliancy	-5075 Apr 18 j 11:29	25°♓41'26	-4.5m		-5073 Oct 03 j 20:42	0°♓	
retrograde	-5075 May 01 j 18:34	28°♓44'04					
evening set	-5075 May 16 j 13:33	24°♓35'05		superior conj	-5073 Oct 17 j 04:30	16°♓48'00	0°39'54
desc. node	-5075 May 19 j 05:34	23°♓05'52		minimum elong	-5073 Oct 17 j 14:15	17°♓18'42	0°39'35
inferior conj	-5075 May 23 j 01:13	20°♓47'57	0°-53'-30	max. Earth dist.	-5073 Oct 21 j 22:07	22°♓45'22	1.71029 AU
minimum elong	-5075 May 22 j 23:14	20°♓50'59	0°52'52		-5073 Oct 27 j 16:26	0°♔	
min. Earth dist.	-5075 May 23 j 16:38	20°♓24'22	0.28411 AU	desc. node	-5073 Nov 04 j 01:15	9°♔14'47	
morning rise	-5075 May 29 j 08:15	17°♓05'33			-5073 Nov 20 j 15:25	0°♕	
direct	-5075 Jun 13 j 17:01	12°♓37'01		evening rise	-5073 Nov 28 j 22:19	10°♕20'04	
greatest brilliancy	-5075 Jun 28 j 11:46	16°♓26'33	-4.5m		-5073 Dec 14 j 17:58	0°♖	
	-5075 Jul 18 j 07:08	0°♗			-5072 Jan 08 j 00:38	0°♗	
morning max el	-5075 Aug 02 j 15:55	14°♗13'07	46°30'27		-5072 Feb 01 j 13:00	0°♗	
	-5075 Aug 17 j 19:10	0°♘		asc. node	-5072 Feb 24 j 16:24	27°♗55'35	
asc. node	-5075 Sep 09 j 00:09	25°♘06'40			-5072 Feb 26 j 10:01	0°♘	
	-5075 Sep 13 j 04:11	0°♙			-5072 Mar 22 j 20:13	0°♙	
	-5075 Oct 08 j 02:55	0°♚			-5072 Apr 18 j 03:28	0°♚	
	-5075 Nov 01 j 11:59	0°♛			-5072 May 16 j 03:59	0°♛	
	-5075 Nov 25 j 17:30	0°♜		evening max el	-5072 May 25 j 13:01	9°♛16'12	45°51'31
	-5075 Dec 20 j 00:10	0°♝		desc. node	-5072 Jun 15 j 16:47	27°♛33'57	
desc. node	-5075 Dec 30 j 00:13	12°♝19'35			-5072 Jun 19 j 02:32	0°♞	
	-5074 Jan 13 j 09:06	0°♞		greatest brilliancy	-5072 Jul 03 j 06:13	7°♞39'46	-4.6m
	-5074 Feb 06 j 19:34	0°♟		retrograde	-5072 Jul 13 j 20:54	9°♞41'43	
morning set	-5074 Feb 07 j 15:04	0°♟59'47		evening set	-5072 Jul 31 j 09:01	4°♞02'18	
	-5074 Mar 03 j 06:32	0°♠		inferior conj	-5072 Aug 03 j 18:26	2°♞01'16	-8°-42'-36
				minimum elong	-5072 Aug 03 j 13:38	2°♞08'30	8°42'01
superior conj	-5074 Mar 16 j 20:04	16°♠38'23	-1°-10'-4	min. Earth dist.	-5072 Aug 04 j 00:31	1°♞52'05	0.27128 AU
minimum elong	-5074 Mar 17 j 03:54	17°♠02'23	1°10'06	morning rise	-5072 Aug 06 j 18:05	0°♞13'59	
max. Earth dist.	-5074 Mar 16 j 07:22	15°♠59'24	1.73731 AU		-5072 Aug 07 j 03:39	30°♗♘	
	-5074 Mar 27 j 17:18	0°♙		direct	-5072 Aug 24 j 12:23	24°♘16'58	
	-5074 Apr 21 j 03:40	0°♙		greatest brilliancy	-5072 Sep 06 j 23:27	27°♘35'18	-4.7m
evening rise	-5074 Apr 21 j 20:29	0°♙51'42			-5072 Sep 11 j 13:41	0°♙	
asc. node	-5074 Apr 21 j 15:21	0°♙35'54		asc. node	-5072 Oct 06 j 11:28	19°♙59'11	
	-5074 May 15 j 13:36	0°♚		morning max el	-5072 Oct 14 j 06:31	27°♙44'33	46°50'58
	-5074 Jun 08 j 23:30	0°♛			-5072 Oct 16 j 11:00	0°♚	
	-5074 Jul 03 j 10:33	0°♜			-5072 Nov 12 j 15:35	0°♛	
	-5074 Jul 28 j 00:58	0°♝			-5072 Dec 08 j 06:06	0°♜	
desc. node	-5074 Aug 11 j 13:46	17°♝34'17			-5071 Jan 02 j 08:49	0°♝	
	-5074 Aug 21 j 22:22	0°♞		desc. node	-5071 Jan 26 j 12:16	29°♝01'27	
	-5074 Sep 16 j 09:33	0°♟			-5071 Jan 27 j 07:43	0°♞	
	-5074 Oct 13 j 04:08	0°♠			-5071 Feb 21 j 04:30	0°♟	
evening max el	-5074 Oct 21 j 16:56	8°♠57'09	47°21'25		-5071 Mar 17 j 22:44	0°♠	
	-5074 Nov 13 j 12:49	0°♑			-5071 Apr 11 j 13:39	0°♑	
greatest brilliancy	-5074 Nov 27 j 12:33	9°♑08'50	-4.6m	morning set	-5071 Apr 16 j 18:07	6°♑20'40	
asc. node	-5074 Dec 02 j 07:32	11°♑10'28			-5071 May 06 j 00:44	0°♒	
retrograde	-5074 Dec 11 j 17:41	12°♑53'16		max. Earth dist.	-5071 May 18 j 10:51	15°♒18'49	1.73142 AU
evening set	-5074 Dec 27 j 15:06	7°♑46'46		asc. node	-5071 May 19 j 03:59	16°♒11'46	
min. Earth dist.	-5074 Dec 31 j 17:53	5°♑13'29	0.28185 AU				
inferior conj	-5073 Jan 01 j 18:49	4°♑33'36	6°27'54	superior conj	-5071 May 22 j 10:47	20°♒15'12	0°07'43

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5071 May 22 j 09:16	20° Υ 10'31	0°07'43	greatest brilliancy	-5069 Nov 19 j 10:45	13° \mathbb{M} 14'57	-4.6m
behind sun begin	-5071 May 21 j 13:45	19° Υ 10'11			-5069 Dec 13 j 22:17	0° $\underline{\Omega}$	
behind sun end	-5071 May 23 j 04:47	21° Υ 10'51		morning max el	-5069 Dec 27 j 21:54	13° $\underline{\Omega}$ 09'15	46°27'10
	-5071 May 30 j 07:50	0° \mathcal{B}			-5068 Jan 13 j 04:21	0° \mathbb{M}	
	-5071 Jun 23 j 11:25	0° \mathbb{I}			-5068 Feb 09 j 07:37	0° \mathcal{A}	
evening rise	-5071 Jun 27 j 06:13	4° \mathbb{I} 42'42		desc. node	-5068 Feb 24 j 00:13	16° \mathcal{A} 47'42	
	-5071 Jul 17 j 12:47	0° $\underline{\Omega}$			-5068 Mar 06 j 09:49	0° $\underline{\Omega}$	
	-5071 Aug 10 j 13:51	0° Ω			-5068 Mar 31 j 22:20	0° \approx	
	-5071 Sep 03 j 16:46	0° \mathbb{M}			-5068 Apr 26 j 00:39	0° \mathcal{H}	
desc. node	-5071 Sep 08 j 02:08	5° \mathbb{M} 26'30			-5068 May 20 j 18:07	0° Υ	
	-5071 Sep 27 j 23:39	0° $\underline{\Omega}$			-5068 Jun 14 j 03:37	0° \mathcal{B}	
	-5071 Oct 22 j 13:22	0° \mathbb{M}		asc. node	-5068 Jun 15 j 16:28	1° \mathcal{B} 54'06	
	-5071 Nov 16 j 15:59	0° \mathcal{A}		morning set	-5068 Jun 22 j 19:30	10° \mathcal{B} 44'28	
	-5071 Dec 12 j 23:07	0° $\underline{\Omega}$			-5068 Jul 08 j 06:17	0° \mathbb{I}	
asc. node	-5071 Dec 29 j 18:48	17° $\underline{\Omega}$ 44'20		max. Earth dist.	-5068 Jul 26 j 21:33	23° \mathbb{I} 22'15	1.71411 AU
evening max el	-5071 Dec 31 j 07:50	19° $\underline{\Omega}$ 16'44	45°54'03				
	-5070 Jan 11 j 16:09	0° \approx		superior conj	-5068 Jul 30 j 02:18	27° \mathbb{I} 23'33	1°19'30
greatest brilliancy	-5070 Feb 03 j 13:43	16° \approx 29'36	-4.5m	minimum elong	-5068 Jul 29 j 20:33	27° \mathbb{I} 05'25	1°19'43
retrograde	-5070 Feb 18 j 15:21	20° \approx 30'58			-5068 Aug 01 j 04:03	0° $\underline{\Omega}$	
evening set	-5070 Mar 07 j 23:32	14° \approx 45'17			-5068 Aug 24 j 23:35	0° Ω	
inferior conj	-5070 Mar 12 j 02:57	12° \approx 10'26	7°17'25	evening rise	-5068 Sep 07 j 09:54	16° Ω 54'55	
minimum elong	-5070 Mar 12 j 10:08	11° \approx 59'02	7°16'20		-5068 Sep 17 j 19:33	0° \mathbb{M}	
min. Earth dist.	-5070 Mar 12 j 13:37	11° \approx 53'30	0.29440 AU	desc. node	-5068 Oct 05 j 14:43	22° \mathbb{M} 19'34	
morning rise	-5070 Mar 16 j 20:38	9° \approx 13'40			-5068 Oct 11 j 17:56	0° $\underline{\Omega}$	
direct	-5070 Apr 02 j 21:18	3° \approx 41'34			-5068 Nov 04 j 19:58	0° \mathbb{M}	
greatest brilliancy	-5070 Apr 16 j 06:22	6° \approx 48'18	-4.5m		-5068 Nov 29 j 03:06	0° \mathcal{A}	
desc. node	-5070 Apr 20 j 20:29	9° \approx 04'17			-5068 Dec 23 j 18:28	0° $\underline{\Omega}$	
	-5070 May 18 j 01:37	0° \mathcal{H}			-5067 Jan 18 j 00:53	0° \approx	
morning max el	-5070 May 21 j 21:17	3° \mathcal{H} 35'58	45°56'13	asc. node	-5067 Jan 26 j 06:26	9° \approx 31'08	
	-5070 Jun 16 j 11:16	0° Υ			-5067 Feb 13 j 12:29	0° \mathcal{H}	
	-5070 Jul 12 j 22:44	0° \mathcal{B}		evening max el	-5067 Mar 12 j 07:49	27° \mathcal{H} 36'53	45°04'25
	-5070 Aug 07 j 02:10	0° \mathbb{I}			-5067 Mar 14 j 20:40	0° Υ	
asc. node	-5070 Aug 11 j 14:40	5° \mathbb{I} 30'22		greatest brilliancy	-5067 Apr 16 j 02:21	23° Υ 30'22	-4.5m
	-5070 Aug 31 j 11:22	0° $\underline{\Omega}$		retrograde	-5067 Apr 29 j 09:27	26° Υ 33'06	
	-5070 Sep 24 j 10:48	0° Ω		evening set	-5067 May 14 j 05:29	22° Υ 23'31	
	-5070 Oct 18 j 06:52	0° \mathbb{M}		desc. node	-5067 May 18 j 07:39	20° Υ 03'30	
	-5070 Nov 11 j 03:56	0° $\underline{\Omega}$		inferior conj	-5067 May 20 j 16:44	18° Υ 36'28	0°-33'-18
morning set	-5070 Nov 22 j 07:29	13° $\underline{\Omega}$ 57'04		minimum elong	-5067 May 20 j 15:30	18° Υ 38'22	0°32'53
desc. node	-5070 Dec 01 j 13:48	25° $\underline{\Omega}$ 31'02		min. Earth dist.	-5067 May 21 j 08:43	18° Υ 11'57	0.28455 AU
	-5070 Dec 05 j 04:07	0° \mathbb{M}		morning rise	-5067 May 27 j 00:48	14° Υ 52'03	
	-5070 Dec 29 j 07:38	0° \mathcal{A}		direct	-5067 Jun 11 j 09:07	10° Υ 24'49	
				greatest brilliancy	-5067 Jun 26 j 02:29	14° Υ 12'11	-4.5m
superior conj	-5069 Jan 02 j 23:09	5° \mathcal{A} 45'25	-1°-5'-7		-5067 Jul 18 j 13:20	0° \mathcal{B}	
minimum elong	-5069 Jan 02 j 12:47	5° \mathcal{A} 13'21	1°05'04	morning max el	-5067 Jul 31 j 06:08	11° \mathcal{B} 54'08	46°29'09
max. Earth dist.	-5069 Jan 06 j 11:39	10° \mathcal{A} 06'56	1.72635 AU		-5067 Aug 17 j 12:58	0° \mathbb{I}	
	-5069 Jan 22 j 13:55	0° $\underline{\Omega}$		asc. node	-5067 Sep 08 j 02:28	24° \mathbb{I} 29'54	
evening rise	-5069 Feb 10 j 20:25	23° $\underline{\Omega}$ 44'18			-5067 Sep 12 j 18:43	0° $\underline{\Omega}$	
	-5069 Feb 15 j 22:43	0° \approx			-5067 Oct 07 j 16:04	0° Ω	
	-5069 Mar 12 j 10:30	0° \mathcal{H}			-5067 Nov 01 j 00:24	0° \mathbb{M}	
asc. node	-5069 Mar 24 j 04:54	14° \mathcal{H} 20'42			-5067 Nov 25 j 05:28	0° $\underline{\Omega}$	
	-5069 Apr 06 j 02:12	0° Υ			-5067 Dec 19 j 11:46	0° \mathbb{M}	
	-5069 Apr 30 j 22:59	0° \mathcal{B}		desc. node	-5067 Dec 29 j 02:17	11° \mathbb{M} 50'41	
	-5069 May 26 j 02:49	0° \mathbb{I}			-5066 Jan 12 j 20:23	0° \mathcal{A}	
	-5069 Jun 20 j 18:04	0° $\underline{\Omega}$		morning set	-5066 Feb 05 j 06:14	28° \mathcal{A} 45'16	
desc. node	-5069 Jul 14 j 04:01	26° $\underline{\Omega}$ 31'20			-5066 Feb 06 j 06:36	0° $\underline{\Omega}$	
	-5069 Jul 17 j 07:50	0° Ω			-5066 Mar 02 j 17:24	0° \approx	
evening max el	-5069 Aug 08 j 09:05	23° Ω 12'46	47°21'37	max. Earth dist.	-5066 Mar 14 j 05:12	14° \approx 05'55	1.73718 AU
	-5069 Aug 15 j 08:42	0° \mathbb{M}					
greatest brilliancy	-5069 Sep 16 j 20:51	23° \mathbb{M} 44'22	-4.7m	superior conj	-5066 Mar 14 j 14:08	14° \approx 33'20	-1°-11'-42
retrograde	-5069 Sep 28 j 01:21	26° \mathbb{M} 05'52		minimum elong	-5066 Mar 14 j 21:42	14° \approx 56'32	1°11'44
evening set	-5069 Oct 13 j 07:36	21° \mathbb{M} 27'16			-5066 Mar 27 j 04:08	0° \mathcal{H}	
inferior conj	-5069 Oct 18 j 14:56	18° \mathbb{M} 17'46	-4°-2'-20	evening rise	-5066 Apr 19 j 15:50	28° \mathcal{H} 50'13	
minimum elong	-5069 Oct 18 j 23:13	18° \mathbb{M} 05'04	3°59'53	asc. node	-5066 Apr 20 j 17:27	0° Υ 08'54	
min. Earth dist.	-5069 Oct 18 j 09:57	18° \mathbb{M} 25'24	0.26450 AU		-5066 Apr 20 j 14:33	0° Υ	
morning rise	-5069 Oct 24 j 15:06	14° \mathbb{M} 46'27		greatest brilliancy	-5066 Apr 20 j 22:44	0° Υ 25'07	-3.9m
asc. node	-5069 Nov 03 j 22:26	11° \mathbb{M} 00'47			-5066 May 15 j 00:41	0° \mathcal{B}	
direct	-5069 Nov 07 j 19:58	10° \mathbb{M} 41'40			-5066 Jun 08 j 10:54	0° \mathbb{I}	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5066 Jul 02 j 22:25	0°☿					-5064 Nov 12 j 07:32	0°♊			
	-5066 Jul 27 j 13:32	0°♈					-5064 Dec 07 j 19:52	0°♉			
desc. node	-5066 Aug 10 j 16:01	17°♏01'38					-5063 Jan 01 j 21:24	0°♊			
	-5066 Aug 21 j 12:00	0°♊				desc. node	-5063 Jan 25 j 14:31	28°♊32'26			
	-5066 Sep 16 j 01:01	0°♊					-5063 Jan 26 j 19:34	0°♊			
	-5066 Oct 12 j 23:53	0°♊					-5063 Feb 20 j 15:52	0°♊			
evening max el	-5066 Oct 19 j 08:01	6°♊36'41	47°23'19				-5063 Mar 17 j 09:46	0°♊			
	-5066 Nov 14 j 05:13	0°♊					-5063 Apr 11 j 00:27	0°♊			
greatest brilliancy	-5066 Nov 25 j 07:37	6°♊55'02	-4.6m			morning set	-5063 Apr 14 j 13:09	4°♊19'03			
asc. node	-5066 Dec 01 j 09:38	9°♊20'57					-5063 May 05 j 11:25	0°♊			
retrograde	-5066 Dec 09 j 09:12	10°♊35'45				max. Earth dist.	-5063 May 16 j 09:49	13°♊28'34	1.73189 AU		
evening set	-5066 Dec 25 j 04:13	5°♊33'57				asc. node	-5063 May 18 j 06:03	15°♊45'07			
min. Earth dist.	-5066 Dec 29 j 09:26	2°♊57'14	0.28107 AU								
inferior conj	-5066 Dec 30 j 10:28	2°♊17'10	6°15'04			superior conj	-5063 May 20 j 05:38	18°♊12'04	0°04'41		
minimum elong	-5066 Dec 30 j 01:24	2°♊31'41	6°13'02			minimum elong	-5063 May 20 j 04:42	18°♊09'11	0°04'42		
	-5065 Jan 03 j 01:44	30°♊				behind sun begin	-5063 May 19 j 07:27	17°♊03'31			
morning rise	-5065 Jan 03 j 23:18	29°♊27'40				behind sun end	-5063 May 21 j 01:57	19°♊14'52			
direct	-5065 Jan 20 j 09:00	24°♊12'13					-5063 May 29 j 18:32	0°♊			
greatest brilliancy	-5065 Jan 31 j 01:07	26°♊17'24	-4.5m				-5063 Jun 22 j 22:16	0°♊			
	-5065 Feb 07 j 19:55	0°♊				evening rise	-5063 Jun 25 j 00:07	2°♊35'09			
morning max el	-5065 Mar 10 j 03:51	24°♊12'01	45°54'41				-5063 Jul 16 j 23:53	0°☿			
	-5065 Mar 16 j 03:00	0°♊					-5063 Aug 10 j 01:14	0°♈			
desc. node	-5065 Mar 23 j 11:38	7°♊25'28				desc. node	-5063 Sep 03 j 04:29	0°♊			
	-5065 Apr 13 j 15:30	0°♊					-5063 Sep 07 j 04:17	4°♊56'38			
	-5065 May 10 j 04:40	0°♊					-5063 Sep 27 j 11:47	0°♊			
	-5065 Jun 04 j 17:16	0°♊					-5063 Oct 22 j 02:10	0°♊			
	-5065 Jun 29 j 13:11	0°♊					-5063 Nov 16 j 06:00	0°♊			
asc. node	-5065 Jul 14 j 04:48	18°♊00'58					-5063 Dec 12 j 15:59	0°♊			
	-5065 Jul 23 j 20:41	0°♊				asc. node	-5063 Dec 28 j 21:00	16°♊57'43			
greatest brilliancy	-5065 Jul 30 j 07:12	8°♊01'37	-3.9m			evening max el	-5063 Dec 28 j 23:47	17°♊04'40	45°57'04		
	-5065 Aug 16 j 19:36	0°☿					-5062 Jan 11 j 19:50	0°♊			
morning set	-5065 Sep 03 j 17:00	22°♊34'21				greatest brilliancy	-5062 Feb 01 j 05:48	14°♊21'39	-4.5m		
	-5065 Sep 09 j 14:01	0°♈				retrograde	-5062 Feb 16 j 09:12	18°♊25'02			
	-5065 Oct 03 j 07:45	0°♊				evening set	-5062 Mar 05 j 18:41	12°♊35'45			
						inferior conj	-5062 Mar 09 j 20:11	10°♊03'38	7°25'37		
superior conj	-5065 Oct 14 j 13:47	14°♊11'21	0°43'21			minimum elong	-5062 Mar 10 j 02:57	9°♊52'54	7°24'37		
minimum elong	-5065 Oct 15 j 00:06	14°♊43'51	0°43'01			min. Earth dist.	-5062 Mar 10 j 05:22	9°♊49'02	0.29444 AU		
max. Earth dist.	-5065 Oct 19 j 00:15	19°♊46'26	1.70995 AU			morning rise	-5062 Mar 14 j 11:12	7°♊10'58			
	-5065 Oct 27 j 03:30	0°♊				direct	-5062 Mar 31 j 14:35	1°♊34'47			
desc. node	-5065 Nov 03 j 03:19	8°♊46'32				greatest brilliancy	-5062 Apr 13 j 21:31	4°♊39'57	-4.5m		
	-5065 Nov 20 j 02:29	0°♊				desc. node	-5062 Apr 19 j 22:34	7°♊44'33			
evening rise	-5065 Nov 26 j 08:12	7°♊46'50					-5062 May 18 j 00:47	0°♊			
	-5065 Dec 14 j 05:05	0°♊				morning max el	-5062 May 19 j 14:42	1°♊30'06	45°55'28		
	-5064 Jan 07 j 11:51	0°♊					-5062 Jun 16 j 03:05	0°♊			
	-5064 Feb 01 j 00:28	0°♊					-5062 Jul 12 j 12:08	0°♊			
asc. node	-5064 Feb 23 j 18:39	27°♊26'38					-5062 Aug 06 j 14:30	0°♊			
	-5064 Feb 25 j 22:00	0°♊				asc. node	-5062 Aug 10 j 16:57	5°♊00'06			
	-5064 Mar 22 j 09:15	0°♊					-5062 Aug 30 j 23:09	0°☿			
	-5064 Apr 17 j 18:39	0°♊					-5062 Sep 23 j 22:18	0°♈			
	-5064 May 16 j 00:33	0°♊					-5062 Oct 17 j 18:10	0°♊			
evening max el	-5064 May 23 j 01:38	6°♊54'42	45°48'37				-5062 Nov 10 j 15:06	0°♊			
desc. node	-5064 Jun 14 j 18:52	26°♊19'49				morning set	-5062 Nov 19 j 17:28	11°♊23'31			
	-5064 Jun 20 j 06:29	0°☿				desc. node	-5062 Nov 30 j 15:53	25°♊03'03			
greatest brilliancy	-5064 Jun 30 j 16:29	5°☿13'57	-4.6m				-5062 Dec 04 j 15:09	0°♊			
retrograde	-5064 Jul 11 j 09:19	7°☿18'06					-5062 Dec 28 j 18:32	0°♊			
evening set	-5064 Jul 28 j 18:00	1°☿43'19									
	-5064 Jul 31 j 15:59	30°♊				superior conj	-5062 Dec 31 j 11:40	3°♊21'49	-1°-2'-49		
inferior conj	-5064 Aug 01 j 07:09	29°♊37'10	-8°-36'-25			minimum elong	-5062 Dec 31 j 01:03	2°♊48'57	1°02'44		
minimum elong	-5064 Aug 01 j 01:31	29°♊45'39	8°35'42			max. Earth dist.	-5061 Jan 04 j 03:57	7°♊55'12	1.72579 AU		
min. Earth dist.	-5064 Aug 01 j 13:15	29°♊27'59	0.27170 AU				-5061 Jan 22 j 00:44	0°♊			
morning rise	-5064 Aug 04 j 08:51	27°♊47'06				evening rise	-5061 Feb 08 j 12:32	21°♊33'05			
direct	-5064 Aug 22 j 01:36	21°♊51'50					-5061 Feb 15 j 09:32	0°♊			
greatest brilliancy	-5064 Sep 04 j 15:53	25°♊13'48	-4.7m				-5061 Mar 11 j 21:27	0°♊			
	-5064 Sep 13 j 00:01	0°☿				asc. node	-5061 Mar 23 j 06:58	13°♊53'14			
asc. node	-5064 Oct 05 j 13:32	19°☿01'47					-5061 Apr 05 j 13:29	0°♊			
morning max el	-5064 Oct 11 j 20:04	25°☿18'26	46°51'15				-5061 Apr 30 j 10:52	0°♊			
	-5064 Oct 16 j 08:23	0°♈					-5061 May 25 j 15:41	0°♊			

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5061 Jun 20 j 08:34	0°☾			-5059 Dec 18 j 23:19	0°♌		
desc. node	-5061 Jul 13 j 06:17	25°☾50'10		desc. node	-5059 Dec 28 j 04:27	11°♌22'07		
	-5061 Jul 17 j 01:39	0°♌			-5058 Jan 12 j 07:39	0°♌		
evening max el	-5061 Aug 05 j 23:35	20°♌50'50	47°19'19	morning set	-5058 Feb 02 j 21:15	26°♌30'05		
	-5061 Aug 15 j 12:24	0°♍			-5058 Feb 05 j 17:39	0°♌		
greatest brilliancy	-5061 Sep 14 j 10:48	21°♍16'08	-4.7m		-5058 Mar 02 j 04:18	0°♍		
retrograde	-5061 Sep 25 j 14:11	23°♍35'42						
evening set	-5061 Oct 10 j 22:46	18°♍53'55		superior conj	-5058 Mar 12 j 08:16	12°♍28'25	-1°-13'-13	
inferior conj	-5061 Oct 16 j 03:14	15°♍48'20	-4°-24'-7	minimum elong	-5058 Mar 12 j 15:31	12°♍50'40	1°13'16	
minimum elong	-5061 Oct 16 j 12:05	15°♍34'45	4°21'31	max. Earth dist.	-5058 Mar 12 j 01:17	12°♍07'00	1.73701 AU	
min. Earth dist.	-5061 Oct 15 j 23:01	15°♍54'47	0.26439 AU		-5058 Mar 26 j 14:59	0°♍		
morning rise	-5061 Oct 22 j 01:43	12°♍19'34		evening rise	-5058 Apr 17 j 11:15	26°♍48'59		
asc. node	-5061 Nov 03 j 00:36	8°♍19'46		asc. node	-5058 Apr 19 j 19:33	29°♍41'50		
direct	-5061 Nov 05 j 08:58	8°♍12'53		greatest brilliancy	-5058 Apr 20 j 00:47	29°♍57'52	-3.9m	
greatest brilliancy	-5061 Nov 16 j 23:37	10°♍46'31	-4.7m		-5058 Apr 20 j 01:28	0°♍		
	-5061 Dec 14 j 04:43	0°♎			-5058 May 14 j 11:48	0°♎		
morning max el	-5061 Dec 25 j 11:47	10°♎46'57	46°28'27		-5058 Jun 07 j 22:23	0°♎		
	-5060 Jan 12 j 22:33	0°♎			-5058 Jul 02 j 10:27	0°☾		
	-5060 Feb 08 j 22:10	0°♌			-5058 Jul 27 j 02:18	0°♌		
desc. node	-5060 Feb 23 j 02:22	16°♌15'10		desc. node	-5058 Aug 09 j 18:07	16°♌27'57		
	-5060 Mar 05 j 22:38	0°♌			-5058 Aug 21 j 01:54	0°♍		
	-5060 Mar 31 j 10:11	0°♍			-5058 Sep 15 j 16:53	0°♎		
	-5060 Apr 25 j 11:58	0°♍			-5058 Oct 12 j 20:23	0°♌		
	-5060 May 20 j 05:10	0°♍		evening max el	-5058 Oct 16 j 22:07	4°♌13'14	47°25'19	
	-5060 Jun 13 j 14:32	0°♎			-5058 Nov 15 j 03:36	0°♌		
asc. node	-5060 Jun 14 j 18:39	1°♎27'04		greatest brilliancy	-5058 Nov 23 j 01:54	4°♌39'26	-4.6m	
morning set	-5060 Jun 20 j 12:47	8°♎35'18		asc. node	-5058 Nov 30 j 11:51	7°♌26'43		
	-5060 Jul 07 j 17:10	0°♎		retrograde	-5058 Dec 07 j 00:41	8°♌17'37		
max. Earth dist.	-5060 Jul 24 j 06:03	20°♎43'53	1.71466 AU	evening set	-5058 Dec 22 j 17:14	3°♌20'03		
				min. Earth dist.	-5058 Dec 27 j 00:57	0°♌40'01	0.28030 AU	
superior conj	-5060 Jul 27 j 17:23	25°♎05'41	1°18'22	inferior conj	-5058 Dec 28 j 02:00	29°♌59'57	6°01'26	
minimum elong	-5060 Jul 27 j 11:03	24°♎45'47	1°18'31	minimum elong	-5058 Dec 27 j 16:53	0°♌14'33	5°59'19	
	-5060 Jul 31 j 15:00	0°☾			-5058 Dec 28 j 01:59	30°♎♌		
	-5060 Aug 24 j 10:38	0°♌		morning rise	-5057 Jan 01 j 17:13	27°♌06'59		
evening rise	-5060 Sep 04 j 20:23	14°♌21'49		direct	-5057 Jan 17 j 23:03	21°♌56'07		
	-5060 Sep 17 j 06:45	0°♍		greatest brilliancy	-5057 Jan 28 j 16:10	24°♌01'55	-4.5m	
desc. node	-5060 Oct 04 j 16:43	21°♍50'21			-5057 Feb 09 j 03:42	0°♌		
	-5060 Oct 11 j 05:19	0°♎		morning max el	-5057 Mar 07 j 18:09	21°♌56'42	45°55'27	
	-5060 Nov 04 j 07:34	0°♌			-5057 Mar 15 j 23:31	0°♌		
	-5060 Nov 28 j 14:58	0°♌		desc. node	-5057 Mar 22 j 13:37	6°♌42'33		
	-5060 Dec 23 j 06:52	0°♌			-5057 Apr 13 j 06:45	0°♍		
	-5059 Jan 17 j 14:21	0°♍			-5057 May 09 j 17:51	0°♍		
asc. node	-5							

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening max el	-5056 May 20 j 15:06	4° Π 34'56	45°45'53		-5054 Sep 23 j 10:03	0° Ω	
desc. node	-5056 Jun 13 j 21:06	25° Π 03'08			-5054 Oct 17 j 05:45	0° η	
	-5056 Jun 21 j 22:35	0° Ξ			-5054 Nov 10 j 02:34	0° $\underline{\Omega}$	
greatest brilliancy	-5056 Jun 28 j 01:52	2° Ξ 47'04	-4.6m	morning set	-5054 Nov 17 j 03:25	8° $\underline{\Omega}$ 48'46	
retrograde	-5056 Jul 08 j 22:15	4° Ξ 54'12		desc. node	-5054 Nov 29 j 18:04	24° $\underline{\Omega}$ 34'18	
	-5056 Jul 25 j 01:31	30° \mathbb{R} Π			-5054 Dec 04 j 02:32	0° \mathbb{M}	
evening set	-5056 Jul 26 j 02:51	29° Π 24'18			-5054 Dec 28 j 05:50	0° \mathbb{X}	
inferior conj	-5056 Jul 29 j 19:54	27° Π 12'39	-8°-29'-15				
minimum elong	-5056 Jul 29 j 13:31	27° Π 22'16	8°28'23	superior conj	-5054 Dec 28 j 23:40	0° \mathbb{X} 55'19	-1°00'-22
min. Earth dist.	-5056 Jul 30 j 01:39	27° Π 04'01	0.27213 AU	minimum elong	-5054 Dec 28 j 12:55	0° \mathbb{X} 22'00	1°00'16
morning rise	-5056 Aug 01 j 23:59	25° Π 19'19		max. Earth dist.	-5053 Jan 01 j 20:52	5° \mathbb{X} 44'02	1.72523 AU
direct	-5056 Aug 19 j 15:25	19° Π 26'25			-5053 Jan 21 j 11:57	0° Ξ	
greatest brilliancy	-5056 Sep 02 j 07:30	22° Π 50'54	-4.7m	evening rise	-5053 Feb 06 j 04:07	19° Ξ 18'57	
	-5056 Sep 14 j 00:54	0° Ξ			-5053 Feb 14 j 20:44	0° \approx	
asc. node	-5056 Oct 04 j 15:43	18° Ξ 04'55			-5053 Mar 11 j 08:48	0° \mathbb{X}	
morning max el	-5056 Oct 09 j 10:27	22° Ξ 53'36	46°51'13	asc. node	-5053 Mar 22 j 09:05	13° \mathbb{X} 24'44	
	-5056 Oct 16 j 05:27	0° Ω			-5053 Apr 05 j 01:11	0° Υ	
	-5056 Nov 11 j 23:39	0° η			-5053 Apr 29 j 23:11	0° \mathbb{X}	
	-5056 Dec 07 j 09:55	0° $\underline{\Omega}$			-5053 May 25 j 05:01	0° Π	
	-5055 Jan 01 j 10:18	0° \mathbb{M}			-5053 Jun 19 j 23:38	0° Ξ	
desc. node	-5055 Jan 24 j 16:38	28° \mathbb{M} 02'02		desc. node	-5053 Jul 12 j 08:26	25° Ξ 07'05	
	-5055 Jan 26 j 07:44	0° \mathbb{X}			-5053 Jul 16 j 20:15	0° Ω	
	-5055 Feb 20 j 03:32	0° Ξ		evening max el	-5053 Aug 03 j 13:50	18° Ω 27'22	47°16'58
	-5055 Mar 16 j 21:05	0° \approx			-5053 Aug 15 j 18:17	0° η	
	-5055 Apr 10 j 11:34	0° \mathbb{X}		greatest brilliancy	-5053 Sep 12 j 01:39	18° η 48'31	-4.7m
morning set	-5055 Apr 12 j 08:07	2° \mathbb{X} 16'16		retrograde	-5053 Sep 23 j 02:41	21° η 05'06	
	-5055 May 04 j 22:26	0° Υ		evening set	-5053 Oct 08 j 14:09	16° η 20'16	
max. Earth dist.	-5055 May 14 j 08:09	11° Υ 35'19	1.73231 AU	inferior conj	-5053 Oct 13 j 15:39	13° η 18'44	-4°-45'-9
asc. node	-5055 May 17 j 08:16	15° Υ 17'53		minimum elong	-5053 Oct 14 j 01:01	13° η 04'23	4°42'29
				min. Earth dist.	-5053 Oct 13 j 12:23	13° η 23'44	0.26428 AU
superior conj	-5055 May 18 j 00:32	16° Υ 08'07	0°01'37	morning rise	-5053 Oct 19 j 12:09	9° η 52'37	
minimum elong	-5055 May 18 j 00:12	16° Υ 07'06	0°01'40	asc. node	-5053 Nov 02 j 02:49	5° η 44'44	
behind sun begin	-5055 May 17 j 02:16	14° Υ 59'19		direct	-5053 Nov 02 j 21:36	5° η 43'58	
behind sun end	-5055 May 18 j 22:09	17° Υ 14'54		greatest brilliancy	-5053 Nov 14 j 12:42	8° η 17'52	-4.7m
	-5055 May 29 j 05:35	0° \mathbb{X}			-5053 Dec 14 j 09:24	0° $\underline{\Omega}$	
	-5055 Jun 22 j 09:27	0° Π		morning max el	-5053 Dec 23 j 00:47	8° $\underline{\Omega}$ 21'29	46°29'34
evening rise	-5055 Jun 22 j 18:14	0° Π 27'22			-5052 Jan 12 j 16:37	0° \mathbb{M}	
	-5055 Jul 16 j 11:15	0° Ξ			-5052 Feb 08 j 12:53	0° \mathbb{X}	
	-5055 Aug 09 j 12:54	0° Ω		desc. node	-5052 Feb 22 j 04:22	15° \mathbb{X} 41'18	
	-5055 Sep 02 j 16:30	0° η			-5052 Mar 05 j 11:44	0° Ξ	
desc. node	-5055 Sep 06 j 06:17	4° η 25'25			-5052 Mar 30 j 22:21	0° \approx	
	-5055 Sep 27 j 00:19	0° $\underline{\Omega}$			-5052 Apr 24 j 23:34	0° \mathbb{X}	
	-5055 Oct 21 j 15:27	0° \mathbb{M}			-5052 May 19 j 16:28	0° Υ	
	-5055 Nov 15 j 20:37	0° \mathbb{X}			-5052 Jun 13 j 01:42	0° \mathbb{X}	
	-5055 Dec 12 j 09:44	0° Ξ		asc. node	-5052 Jun 13 j 20:47	0° \mathbb{X} 59'05	
evening max el	-5055 Dec 26 j 16:15	14° Ξ 52'16	46°00'11	morning set	-5052 Jun 18 j 05:59	6° \mathbb{X} 25'09	
asc. node	-5055 Dec 27 j 23:15	16° Ξ 09'04			-5052 Jul 07 j 04:20	0° Π	
	-5054 Jan 12 j 02:09	0° \approx		max. Earth dist.	-5052 Jul 21 j 15:38	18° Π 08'08	1.71525 AU
greatest brilliancy	-5054 Jan 29 j 23:07	12° \approx 13'46	-4.5m				
retrograde	-5054 Feb 14 j 02:54	16° \approx 17'16		superior conj	-5052 Jul 25 j 08:34	22° Π 47'25	1°17'05
evening set	-5054 Mar 03 j 13:39	10° \approx 24'52		minimum elong	-5052 Jul 25 j 01:42	22° Π 25'51	1°17'13
inferior conj	-5054 Mar 07 j 13:17	7° \approx 55'11	7°33'12		-5052 Jul 31 j 02:13	0° Ξ	
minimum elong	-5054 Mar 07 j 19:37	7° \approx 45'07	7°32'18		-5052 Aug 23 j 21:58	0° Ω	
min. Earth dist.	-5054 Mar 07 j 20:51	7° \approx 43'10	0.29442 AU	evening rise	-5052 Sep 02 j 07:14	11° Ω 49'04	
morning rise	-5054 Mar 12 j 01:39	5° \approx 06'28			-5052 Sep 16 j 18:12	0° η	
	-5054 Mar 24 j 01:01	30° \mathbb{R} Ξ		desc. node	-5052 Oct 03 j 18:54	21° η 21'01	
direct	-5054 Mar 29 j 07:56	29° Ξ 26'38			-5052 Oct 10 j 16:54	0° $\underline{\Omega}$	
	-5054 Apr 03 j 18:27	0° \approx			-5052 Nov 03 j 19:19	0° \mathbb{M}	
greatest brilliancy	-5054 Apr 11 j 11:17	2° \approx 28'37	-4.5m		-5052 Nov 28 j 03:01	0° \mathbb{X}	
desc. node	-5054 Apr 19 j 00:47	6° \approx 26'07			-5052 Dec 22 j 19:27	0° Ξ	
morning max el	-5054 May 17 j 07:44	29° \approx 22'15	45°54'43		-5051 Jan 17 j 04:06	0° \approx	
	-5054 May 17 j 23:30	0° \mathbb{X}		asc. node	-5051 Jan 24 j 10:43	8° \approx 22'26	
	-5054 Jun 15 j 19:04	0° Υ			-5051 Feb 12 j 21:00	0° \mathbb{X}	
	-5054 Jul 12 j 01:49	0° \mathbb{X}		evening max el	-5051 Mar 07 j 13:20	23° \mathbb{X} 11'02	45°04'48
	-5054 Aug 06 j 03:07	0° Π			-5051 Mar 14 j 22:46	0° Υ	
asc. node	-5054 Aug 09 j 18:59	4° Π 28'07		greatest brilliancy	-5051 Apr 11 j 06:00	19° Υ 05'58	-4.5m
	-5054 Aug 30 j 11:13	0° Ξ		retrograde	-5051 Apr 24 j 15:05	22° Υ 12'17	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-5051 May 09 j 13:55	17° Υ 59'50		morning set	-5049 Aug 29 j 17:12	17° Θ 36'32	
inferior conj	-5051 May 16 j 00:00	14° Υ 14'15	0°06'58		-5049 Sep 08 j 12:30	0° Ω	
minimum elong	-5051 May 16 j 00:16	14° Υ 13'52	0°06'56		-5049 Oct 02 j 06:17	0° η	
transit middle	-5051 May 16 j 00:16	14° Υ 13'52	0°06'56				
transit begin	-5051 May 15 j 20:34	14° Υ 19'33		superior conj	-5049 Oct 09 j 07:32	8° η 53'49	0°50'01
transit end	-5051 May 16 j 03:57	14° Υ 08'10		minimum elong	-5049 Oct 09 j 18:41	9° η 28'56	0°49'42
desc. node	-5051 May 16 j 11:59	13° Υ 55'48		max. Earth dist.	-5049 Oct 13 j 04:29	13° η 46'40	1.70939 AU
min. Earth dist.	-5051 May 16 j 17:41	13° Υ 47'02	0.28553 AU		-5049 Oct 26 j 02:03	0° $\underline{\Omega}$	
morning rise	-5051 May 22 j 09:42	10° Υ 26'32		desc. node	-5049 Nov 01 j 07:34	7° $\underline{\Omega}$ 49'05	
direct	-5051 Jun 06 j 16:14	6° Υ 00'27			-5049 Nov 19 j 01:02	0° \mathbb{M}	
greatest brilliancy	-5051 Jun 21 j 10:49	9° Υ 47'13	-4.5m	evening rise	-5049 Nov 21 j 02:56	2° \mathbb{M} 35'37	
	-5051 Jul 18 j 20:27	0° \mathcal{B}			-5049 Dec 13 j 03:41	0° \mathcal{A}	
morning max el	-5051 Jul 26 j 10:27	7° \mathcal{B} 15'32	46°26'36		-5048 Jan 06 j 10:40	0° \mathcal{C}	
	-5051 Aug 16 j 23:43	0° \mathbb{I}			-5048 Jan 30 j 23:47	0° \approx	
asc. node	-5051 Sep 06 j 06:40	23° \mathbb{I} 15'15		asc. node	-5048 Feb 21 j 22:52	26° \approx 26'49	
	-5051 Sep 11 j 23:33	0° Θ			-5048 Feb 24 j 22:25	0° \mathcal{H}	
	-5051 Oct 06 j 18:15	0° Ω			-5048 Mar 21 j 11:54	0° Υ	
	-5051 Oct 31 j 01:10	0° η			-5048 Apr 17 j 02:01	0° \mathcal{B}	
	-5051 Nov 24 j 05:18	0° $\underline{\Omega}$			-5048 May 15 j 20:14	0° \mathbb{I}	
	-5051 Dec 18 j 10:53	0° \mathbb{M}		evening max el	-5048 May 18 j 05:41	2° \mathbb{I} 18'33	45°43'05
desc. node	-5051 Dec 27 j 06:32	10° \mathbb{M} 53'10		desc. node	-5048 Jun 12 j 23:13	23° \mathbb{I} 44'18	
	-5050 Jan 11 j 18:56	0° \mathcal{A}			-5048 Jun 24 j 13:29	0° Θ	
morning set	-5050 Jan 31 j 12:18	24° \mathcal{A} 14'50		greatest brilliancy	-5048 Jun 25 j 11:28	0° Θ 21'16	-4.6m
	-5050 Feb 05 j 04:43	0° \mathcal{C}		retrograde	-5048 Jul 06 j 11:23	2° Θ 30'58	
	-5050 Mar 01 j 15:15	0° \approx			-5048 Jul 17 j 19:22	30° \mathcal{R} \mathbb{I}	
				evening set	-5048 Jul 23 j 11:39	27° \mathbb{I} 06'29	
superior conj	-5050 Mar 10 j 02:25	10° \approx 23'21	-1°-14'-36	inferior conj	-5048 Jul 27 j 08:44	24° \mathbb{I} 48'57	-8°-21'-5
minimum elong	-5050 Mar 10 j 09:20	10° \approx 44'33	1°14'43	minimum elong	-5048 Jul 27 j 01:38	24° \mathbb{I} 59'38	8°20'05
max. Earth dist.	-5050 Mar 09 j 20:15	10° \approx 04'25	1.73689 AU	min. Earth dist.	-5048 Jul 27 j 14:00	24° \mathbb{I} 41'02	0.27255 AU
	-5050 Mar 26 j 01:54	0° \mathcal{H}		morning rise	-5048 Jul 30 j 15:28	22° \mathbb{I} 51'50	
evening rise	-5050 Apr 15 j 06:34	24° \mathcal{H} 47'16		direct	-5048 Aug 17 j 05:39	17° \mathbb{I} 02'07	
asc. node	-5050 Apr 18 j 21:45	29° \mathcal{H} 14'49		greatest brilliancy	-5048 Aug 30 j 22:05	20° \mathbb{I} 27'29	-4.7m
greatest brilliancy	-5050 Apr 19 j 08:47	29° \mathcal{H} 48'41	-3.9m		-5048 Sep 14 j 18:59	0° Θ	
	-5050 Apr 19 j 12:28	0° Υ		asc. node	-5048 Oct 03 j 18:01	17° Θ 10'06	
	-5050 May 13 j 23:00	0° \mathcal{B}		morning max el	-5048 Oct 07 j 00:50	20° Θ 29'33	46°51'02
	-5050 Jun 07 j 09:57	0° \mathbb{I}			-5048 Oct 16 j 01:36	0° Ω	
	-5050 Jul 01 j 22:33	0° Θ			-5048 Nov 11 j 15:18	0° η	
	-5050 Jul 26 j 15:13	0° Ω			-5048 Dec 06 j 23:37	0° $\underline{\Omega}$	
desc. node	-5050 Aug 08 j 20:07	15° Ω 53'38			-5048 Dec 31 j 22:55	0° \mathbb{M}	
	-5050 Aug 20 j 16:00	0° η		desc. node	-5047 Jan 23 j 18:38	27° \mathbb{M} 31'59	
	-5050 Sep 15 j 09:04	0° $\underline{\Omega}$			-5047 Jan 25 j 19:38	0° \mathcal{A}	
	-5050 Oct 12 j 17:38	0° \mathbb{M}			-5047 Feb 19 j 14:55	0° \mathcal{C}	
evening max el	-5050 Oct 14 j 12:33	1° \mathbb{M} 50'27	47°27'18		-5047 Mar 16 j 08:06	0° \approx	
	-5050 Nov 16 j 10:38	0° \mathcal{A}			-5047 Apr 09 j 22:21	0° \mathcal{H}	
greatest brilliancy	-5050 Nov 20 j 19:27	2° \mathcal{A} 22'36	-4.6m	morning set	-5047 Apr 10 j 03:23	0° \mathcal{H} 15'23	
asc. node	-5050 Nov 29 j 14:03	5° \mathcal{A} 27'57			-5047 May 04 j 09:09	0° Υ	
retrograde	-5050 Dec 04 j 16:31	5° \mathcal{A} 59'29		max. Earth dist.	-5047 May 12 j 06:10	9° Υ 42'05	1.73275 AU
evening set	-5050 Dec 20 j 06:18	1° \mathcal{A} 05'45					
	-5050 Dec 22 j 02:21	30° \mathcal{R} \mathbb{M}		superior conj	-5047 May 15 j 19:41	14° Υ 05'54	0°-1'-26
min. Earth dist.	-5050 Dec 24 j 16:16	28° \mathbb{M} 22'55	0.27950 AU	minimum elong	-5047 May 15 j 19:58	14° Υ 06'45	0°01'24
inferior conj	-5050 Dec 25 j 17:30	27° \mathbb{M} 42'41	5°47'11	behind sun begin	-5047 May 14 j 22:01	12° Υ 59'01	
minimum elong	-5050 Dec 25 j 08:22	27° \mathbb{M} 57'16	5°44'59	behind sun end	-5047 May 16 j 17:54	15° Υ 14'29	
morning rise	-5050 Dec 30 j 11:06	24° \mathbb{M} 46'29		asc. node	-5047 May 16 j 10:24	14° Υ 51'20	
direct	-5049 Jan 15 j 13:05	19° \mathbb{M} 39'55			-5047 May 28 j 16:21	0° \mathcal{B}	
greatest brilliancy	-5049 Jan 26 j 07:03	21° \mathbb{M} 46'35	-4.5m	evening rise	-5047 Jun 20 j 12:31	28° \mathcal{B} 20'54	
	-5049 Feb 10 j 02:24	0° \mathcal{A}			-5047 Jun 21 j 20:23	0° \mathbb{I}	
morning max el	-5049 Mar 05 j 09:13	19° \mathcal{A} 43'37	45°56'16		-5047 Jul 15 j 22:26	0° Θ	
	-5049 Mar 15 j 19:15	0° \mathcal{C}			-5047 Aug 09 j 00:22	0° Ω	
desc. node	-5049 Mar 21 j 15:53	6° \mathcal{C} 01'15			-5047 Sep 02 j 04:20	0° η	
	-5049 Apr 12 j 21:41	0° \approx		desc. node	-5047 Sep 05 j 08:29	3° η 55'26	
	-5049 May 09 j 06:53	0° \mathcal{H}			-5047 Sep 26 j 12:39	0° $\underline{\Omega}$	
	-5049 Jun 03 j 17:31	0° Υ			-5047 Oct 21 j 04:33	0° \mathbb{M}	
	-5049 Jun 28 j 12:23	0° \mathcal{B}			-5047 Nov 15 j 11:08	0° \mathcal{A}	
asc. node	-5049 Jul 12 j 09:06	17° \mathcal{B} 03'32			-5047 Dec 12 j 03:35	0° \mathcal{C}	
	-5049 Jul 22 j 19:21	0° \mathbb{I}		evening max el	-5047 Dec 24 j 08:44	12° \mathcal{C} 40'30	46°03'16
greatest brilliancy	-5049 Aug 01 j 22:31	12° \mathbb{I} 38'59	-3.9m	asc. node	-5047 Dec 27 j 01:19	15° \mathcal{C} 19'52	
	-5049 Aug 15 j 18:05	0° Θ			-5046 Jan 12 j 10:29	0° \approx	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5046 Jan 27 j 17:30	10° \approx 08'03	-4.5m	superior conj	-5044 Jul 23 j 00:14	20° Π 31'52	1°15'40
retrograde	-5046 Feb 11 j 20:25	14° \approx 10'21		minimum elong	-5044 Jul 22 j 16:54	20° Π 08'51	1°15'48
evening set	-5046 Mar 01 j 08:35	8° \approx 15'24			-5044 Jul 30 j 13:04	0° Ξ	
inferior conj	-5046 Mar 05 j 06:29	5° \approx 47'57	7°40'10		-5044 Aug 23 j 08:57	0° Ω	
minimum elong	-5046 Mar 05 j 12:19	5° \approx 38'38	7°39'23	evening rise	-5044 Aug 30 j 18:33	9° Ω 18'53	
min. Earth dist.	-5046 Mar 05 j 12:36	5° \approx 38'12	0.29431 AU		-5044 Sep 16 j 05:23	0° Π	
morning rise	-5046 Mar 09 j 16:11	3° \approx 02'57		desc. node	-5044 Oct 02 j 21:01	20° Π 52'17	
	-5046 Mar 15 j 09:57	30° \mathbb{R} Ξ			-5044 Oct 10 j 04:17	0° $\underline{\Delta}$	
direct	-5046 Mar 27 j 01:09	27° Ξ 19'54			-5044 Nov 03 j 06:54	0° \mathbb{M}	
	-5046 Apr 08 j 07:32	0° \approx			-5044 Nov 27 j 14:53	0° \mathcal{A}	
greatest brilliancy	-5046 Apr 09 j 00:04	0° \approx 17'22	-4.5m		-5044 Dec 22 j 07:54	0° Ξ	
desc. node	-5046 Apr 18 j 02:56	5° \approx 11'09			-5043 Jan 16 j 17:47	0° \approx	
morning max el	-5046 May 15 j 00:01	27° \approx 13'54	45°54'02	asc. node	-5043 Jan 23 j 12:56	7° \approx 48'16	
	-5046 May 17 j 20:49	0° \mathbb{H}			-5043 Feb 12 j 13:36	0° \mathbb{H}	
	-5046 Jun 15 j 10:21	0° \mathbb{Y}		evening max el	-5043 Mar 05 j 03:45	20° \mathbb{H} 57'38	45°05'17
	-5046 Jul 11 j 15:01	0° \mathcal{B}			-5043 Mar 15 j 01:49	0° \mathbb{Y}	
	-5046 Aug 05 j 15:21	0° Π		greatest brilliancy	-5043 Apr 08 j 18:28	16° \mathbb{Y} 52'39	-4.5m
asc. node	-5046 Aug 08 j 21:08	3° Π 57'35		retrograde	-5043 Apr 22 j 06:30	20° \mathbb{Y} 02'45	
	-5046 Aug 29 j 22:58	0° Ξ		evening set	-5043 May 07 j 06:22	15° \mathbb{Y} 48'10	
	-5046 Sep 22 j 21:31	0° Ω		inferior conj	-5043 May 13 j 15:39	12° \mathbb{Y} 03'46	0°26'58
	-5046 Oct 16 j 17:03	0° Π		minimum elong	-5043 May 13 j 16:39	12° \mathbb{Y} 02'14	0°26'43
	-5046 Nov 09 j 13:45	0° $\underline{\Delta}$		min. Earth dist.	-5043 May 14 j 10:03	11° \mathbb{Y} 35'28	0.28600 AU
morning set	-5046 Nov 14 j 13:07	6° $\underline{\Delta}$ 14'00		desc. node	-5043 May 15 j 14:05	10° \mathbb{Y} 52'28	
desc. node	-5046 Nov 28 j 20:06	24° $\underline{\Delta}$ 06'00		morning rise	-5043 May 20 j 02:00	8° \mathbb{Y} 15'03	
	-5046 Dec 03 j 13:37	0° \mathbb{M}		direct	-5043 Jun 04 j 07:50	3° \mathbb{Y} 48'47	
				greatest brilliancy	-5043 Jun 19 j 03:55	7° \mathbb{Y} 36'57	-4.5m
superior conj	-5046 Dec 26 j 11:21	28° \mathbb{M} 28'40	0°-57'-47		-5043 Jul 18 j 21:26	0° \mathcal{B}	
minimum elong	-5046 Dec 26 j 00:32	27° \mathbb{M} 55'09	0°57'38	morning max el	-5043 Jul 24 j 01:52	5° \mathcal{B} 00'30	46°25'31
	-5046 Dec 27 j 16:48	0° \mathcal{A}			-5043 Aug 16 j 16:14	0° Π	
max. Earth dist.	-5046 Dec 30 j 14:23	3° \mathcal{A} 35'40	1.72465 AU	asc. node	-5043 Sep 05 j 08:56	22° Π 39'44	
	-5045 Jan 20 j 22:51	0° Ξ			-5043 Sep 11 j 13:27	0° Ξ	
evening rise	-5045 Feb 03 j 19:27	17° Ξ 04'55			-5043 Oct 06 j 07:00	0° Ω	
	-5045 Feb 14 j 07:39	0° \approx			-5043 Oct 30 j 13:18	0° Π	
	-5045 Mar 10 j 19:51	0° \mathbb{H}			-5043 Nov 23 j 17:02	0° $\underline{\Delta}$	
asc. node	-5045 Mar 21 j 11:19	12° \mathbb{H} 57'40			-5043 Dec 17 j 22:19	0° \mathbb{M}	
	-5045 Apr 04 j 12:32	0° \mathbb{Y}		desc. node	-5043 Dec 26 j 08:35	10° \mathbb{M} 24'32	
	-5045 Apr 29 j 11:09	0° \mathcal{B}			-5042 Jan 11 j 06:05	0° \mathcal{A}	
	-5045 May 24 j 17:59	0° Π		morning set	-5042 Jan 29 j 02:34	21° \mathcal{A} 57'28	
	-5045 Jun 19 j 14:26	0° Ξ			-5042 Feb 04 j 15:39	0° Ξ	
desc. node	-5045 Jul 11 j 10:26	24° Ξ 24'16			-5042 Mar 01 j 02:03	0° \approx	
	-5045 Jul 16 j 14:55	0° Ω					
evening max el	-5045 Aug 01 j 02:51	16° Ω 01'47	47°14'11	superior conj	-5042 Mar 07 j 20:01	8° \approx 17'02	-1°-15'-56
	-5045 Aug 16 j 02:04	0° Π		minimum elong	-5042 Mar 08 j 02:33	8° \approx 37'04	1°16'04
greatest brilliancy	-5045 Sep 09 j 16:58	16° Π 21'30	-4.7m	max. Earth dist.	-5042 Mar 07 j 15:40	8° \approx 03'40	1.73674 AU
retrograde	-5045 Sep 20 j 14:23	18° Π 34'16			-5042 Mar 25 j 12:41	0° \mathbb{H}	
evening set	-5045 Oct 06 j 05:21	13° Π 46'08		evening rise	-5042 Apr 13 j 01:39	22° \mathbb{H} 45'18	
inferior conj	-5045 Oct 11 j 03:48	10° Π 48'59	-5°-5'-45	asc. node	-5042 Apr 17 j 23:49	28° \mathbb{H} 47'50	
minimum elong	-5045 Oct 11 j 13:35	10° Π 33'59	5°03'02		-5042 Apr 18 j 23:20	0° \mathbb{Y}	
min. Earth dist.	-5045 Oct 11 j 01:52	10° Π 51'57	0.26424 AU	greatest brilliancy	-5042 Apr 19 j 03:49	0° \mathbb{Y} 13'44	-3.9m
morning rise	-5045 Oct 16 j 22:01	7° Π 25'44			-5042 May 13 j 10:05	0° \mathcal{B}	
direct	-5045 Oct 31 j 09:24	3° Π 14'31			-5042 Jun 06 j 21:23	0° Π	
asc. node	-5045 Nov 01 j 04:58	3° Π 15'19			-5042 Jul 01 j 10:31	0° Ξ	
greatest brilliancy	-5045 Nov 12 j 02:32	5° Π 49'52	-4.7m		-5042 Jul 26 j 03:57	0° Ω	
	-5045 Dec 14 j 12:14	0° $\underline{\Delta}$		desc. node	-5042 Aug 07 j 22:24	15° Ω 20'46	
morning max el	-5045 Dec 20 j 13:00	5° $\underline{\Delta}$ 54'11	46°30'50		-5042 Aug 20 j 05:55	0° Π	
	-5044 Jan 12 j 10:04	0° \mathbb{M}			-5042 Sep 15 j 01:12	0° $\underline{\Delta}$	
	-5044 Feb 08 j 03:09	0° \mathcal{A}		evening max el	-5042 Oct 12 j 03:45	29° $\underline{\Delta}$ 30'20	47°29'00
desc. node	-5044 Feb 21 j 06:37	15° \mathcal{A} 09'06			-5042 Oct 12 j 15:22	0° \mathbb{M}	
	-5044 Mar 05 j 00:26	0° Ξ			-5042 Nov 18 j 08:29	0° \mathcal{A}	
	-5044 Mar 30 j 10:09	0° \approx		greatest brilliancy	-5042 Nov 18 j 12:01	0° \mathcal{A} 04'18	-4.7m
	-5044 Apr 24 j 10:50	0° \mathbb{H}		asc. node	-5042 Nov 28 j 16:08	3° \mathcal{A} 24'01	
	-5044 May 19 j 03:25	0° \mathbb{Y}		retrograde	-5042 Dec 02 j 08:28	3° \mathcal{A} 40'38	
asc. node	-5044 Jun 12 j 22:51	0° \mathcal{B} 32'03			-5042 Dec 15 j 16:40	30° \mathbb{R} \mathbb{M}	
	-5044 Jun 12 j 12:30	0° \mathcal{B}		evening set	-5042 Dec 17 j 19:10	28° \mathbb{M} 50'27	
morning set	-5044 Jun 15 j 23:37	4° \mathcal{B} 17'30		min. Earth dist.	-5042 Dec 22 j 07:08	26° \mathbb{M} 05'08	0.27876 AU
	-5044 Jul 06 j 15:06	0° Π		inferior conj	-5042 Dec 23 j 08:41	25° \mathbb{M} 24'28	5°32'05
max. Earth dist.	-5044 Jul 19 j 05:05	15° Π 45'49	1.71587 AU	minimum elong	-5042 Dec 22 j 23:37	25° \mathbb{M} 38'54	5°29'49

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

morning rise	-5042 Dec 28 j 04:48	22° \mathbb{M} 25'06		asc. node	-5039 May 15 j 12:26	14° \mathbb{Y} 23'59	
direct	-5041 Jan 13 j 03:20	17° \mathbb{M} 22'45			-5039 May 28 j 03:16	0° \mathcal{B}	
greatest brilliancy	-5041 Jan 23 j 21:21	19° \mathbb{M} 29'57	-4.5m	evening rise	-5039 Jun 18 j 06:35	26° \mathcal{B} 13'25	
	-5041 Feb 10 j 19:25	0° \mathcal{A}			-5039 Jun 21 j 07:28	0° \mathbb{I}	
morning max el	-5041 Mar 03 j 01:01	17° \mathcal{A} 32'01	45°57'04		-5039 Jul 15 j 09:46	0° \mathfrak{S}	
	-5041 Mar 15 j 14:28	0° \mathfrak{Z}			-5039 Aug 08 j 12:00	0° \mathcal{Q}	
desc. node	-5041 Mar 20 j 18:01	5° \mathfrak{Z} 20'02			-5039 Sep 01 j 16:22	0° \mathfrak{M}	
	-5041 Apr 12 j 12:26	0° \approx		desc. node	-5039 Sep 04 j 10:36	3° \mathfrak{M} 24'38	
	-5041 May 08 j 19:47	0° \mathcal{H}			-5039 Sep 26 j 01:11	0° \mathfrak{L}	
	-5041 Jun 03 j 05:29	0° \mathbb{Y}			-5039 Oct 20 j 17:50	0° \mathbb{M}	
	-5041 Jun 27 j 23:51	0° \mathcal{B}			-5039 Nov 15 j 01:50	0° \mathcal{A}	
asc. node	-5041 Jul 11 j 11:12	16° \mathcal{B} 35'02			-5039 Dec 11 j 21:51	0° \mathfrak{Z}	
	-5041 Jul 22 j 06:35	0° \mathbb{I}		evening max el	-5039 Dec 22 j 00:33	10° \mathfrak{Z} 26'47	46°06'18
greatest brilliancy	-5041 Aug 02 j 21:21	14° \mathbb{I} 30'41	-3.9m	asc. node	-5039 Dec 26 j 03:30	14° \mathfrak{Z} 30'04	
	-5041 Aug 15 j 05:12	0° \mathfrak{S}			-5038 Jan 12 j 21:53	0° \approx	
morning set	-5041 Aug 27 j 05:52	15° \mathfrak{S} 10'01		greatest brilliancy	-5038 Jan 25 j 11:41	8° \approx 01'43	-4.5m
	-5041 Sep 07 j 23:35	0° \mathcal{Q}		retrograde	-5038 Feb 09 j 13:24	12° \approx 03'07	
	-5041 Oct 01 j 17:22	0° \mathfrak{M}		evening set	-5038 Feb 27 j 03:24	6° \approx 05'52	
				inferior conj	-5038 Mar 02 j 23:46	3° \approx 40'26	7°46'31
superior conj	-5041 Oct 06 j 17:00	6° \mathfrak{M} 17'23	0°53'09	minimum elong	-5038 Mar 03 j 05:04	3° \approx 31'58	7°45'49
minimum elong	-5041 Oct 07 j 04:24	6° \mathfrak{M} 53'18	0°52'51	min. Earth dist.	-5038 Mar 03 j 04:44	3° \approx 32'30	0.29423 AU
max. Earth dist.	-5041 Oct 10 j 12:15	11° \mathfrak{M} 04'59	1.70914 AU	morning rise	-5038 Mar 07 j 06:51	0° \approx 58'56	
	-5041 Oct 25 j 13:08	0° \mathfrak{L}			-5038 Mar 08 j 23:08	30° \mathcal{R} \mathfrak{Z}	
desc. node	-5041 Oct 31 j 09:36	7° \mathfrak{L} 20'39		direct	-5038 Mar 24 j 18:06	25° \mathfrak{Z} 12'43	
evening rise	-5041 Nov 18 j 12:28	0° \mathbb{M} 00'57		greatest brilliancy	-5038 Apr 06 j 13:27	28° \mathfrak{Z} 06'05	-4.5m
	-5041 Nov 18 j 12:10	0° \mathbb{M}			-5038 Apr 10 j 13:11	0° \approx	
	-5041 Dec 12 j 14:53	0° \mathcal{A}		desc. node	-5038 Apr 17 j 05:00	3° \approx 57'30	
	-5040 Jan 05 j 22:01	0° \mathfrak{Z}		morning max el	-5038 May 12 j 15:36	25° \approx 03'02	45°53'18
	-5040 Jan 30 j 11:26	0° \approx			-5038 May 17 j 17:45	0° \mathcal{H}	
asc. node	-5040 Feb 21 j 01:04	25° \approx 57'13			-5038 Jun 15 j 01:45	0° \mathbb{Y}	
	-5040 Feb 24 j 10:40	0° \mathcal{H}			-5038 Jul 11 j 04:23	0° \mathcal{B}	
	-5040 Mar 21 j 01:22	0° \mathbb{Y}			-5038 Aug 05 j 03:47	0° \mathbb{I}	
	-5040 Apr 16 j 18:05	0° \mathcal{B}		asc. node	-5038 Aug 07 j 23:23	3° \mathbb{I} 26'39	
	-5040 May 15 j 19:27	0° \mathbb{I}			-5038 Aug 29 j 10:54	0° \mathfrak{S}	
evening max el	-5040 May 15 j 20:33	0° \mathbb{I} 02'38	45°40'21		-5038 Sep 22 j 09:11	0° \mathcal{Q}	
desc. node	-5040 Jun 12 j 01:18	22° \mathbb{I} 22'27			-5038 Oct 16 j 04:33	0° \mathfrak{M}	
greatest brilliancy	-5040 Jun 22 j 21:44	27° \mathbb{I} 56'05	-4.5m		-5038 Nov 09 j 01:08	0° \mathfrak{L}	
	-5040 Jul 01 j 11:20	0° \mathfrak{S}		morning set	-5038 Nov 11 j 22:55	3° \mathfrak{L} 38'46	
retrograde	-5040 Jul 04 j 00:03	0° \mathfrak{S} 07'17		desc. node	-5038 Nov 27 j 22:11	23° \mathfrak{L} 37'16	
	-5040 Jul 06 j 11:57	30° \mathcal{R} \mathbb{I}			-5038 Dec 03 j 00:53	0° \mathbb{M}	
evening set	-5040 Jul 20 j 20:20	24° \mathbb{I} 48'39					
inferior conj	-5040 Jul 24 j 21:29	22° \mathbb{I} 25'02	-8°-12'-10	superior conj	-5038 Dec 23 j 23:11	26° \mathbb{M} 01'58	0°-55'-5
minimum elong	-5040 Jul 24 j 13:43	22° \mathbb{I} 36'43	8°11'00	minimum elong	-5038 Dec 23 j 12:24	25° \mathbb{M} 28'29	0°54'55
min. Earth dist.	-5040 Jul 25 j 02:28	22° \mathbb{I} 17'32	0.27292 AU		-5038 Dec 27 j 03:57	0° \mathcal{A}	
morning rise	-5040 Jul 28 j 06:58	20° \mathbb{I} 23'46		max. Earth dist.	-5038 Dec 28 j 07:20	1° \mathcal{A} 24'53	1.72400 AU
direct	-5040 Aug 14 j 19:43	14° \mathbb{I} 37'39			-5037 Jan 20 j 09:54	0° \mathfrak{Z}	
greatest brilliancy	-5040 Aug 28 j 11:46	18° \mathbb{I} 02'36	-4.7m	evening rise	-5037 Feb 01 j 10:56	14° \mathfrak{Z} 50'46	
	-5040 Sep 15 j 08:37	0° \mathfrak{S}			-5037 Feb 13 j 18:44	0° \approx	
asc. node	-5040 Oct 02 j 20:01	16° \mathfrak{S} 15'35			-5037 Mar 10 j 07:06	0° \mathcal{H}	
morning max el	-5040 Oct 04 j 14:33	18° \mathfrak{S} 03'46	46°51'00	asc. node	-5037 Mar 20 j 13:22	12° \mathcal{H} 29'19	
	-5040 Oct 15 j 21:09	0° \mathcal{Q}			-5037 Apr 04 j 00:11	0° \mathbb{Y}	
	-5040 Nov 11 j 06:40	0° \mathfrak{M}			-5037 Apr 28 j 23:27	0° \mathcal{B}	
	-5040 Dec 06 j 13:10	0° \mathfrak{L}			-5037 May 24 j 07:24	0° \mathbb{I}	
	-5040 Dec 31 j 11:27	0° \mathbb{M}			-5037 Jun 19 j 05:48	0° \mathfrak{S}	
desc. node	-5039 Jan 22 j 20:51	27° \mathbb{M} 02'37		desc. node	-5037 Jul 10 j 12:42	23° \mathfrak{S} 40'31	
	-5039 Jan 25 j 07:32	0° \mathcal{A}			-5037 Jul 16 j 10:28	0° \mathcal{Q}	
	-5039 Feb 19 j 02:22	0° \mathfrak{Z}		evening max el	-5037 Jul 29 j 14:55	13° \mathcal{Q} 32'56	47°11'29
	-5039 Mar 15 j 19:15	0° \approx			-5037 Aug 16 j 13:04	0° \mathfrak{M}	
morning set	-5039 Apr 07 j 22:15	28° \approx 12'52		greatest brilliancy	-5037 Sep 07 j 08:13	13° \mathfrak{M} 53'24	-4.7m
	-5039 Apr 09 j 09:18	0° \mathcal{H}		retrograde	-5037 Sep 18 j 01:50	16° \mathfrak{M} 02'45	
	-5039 May 03 j 20:01	0° \mathbb{Y}		evening set	-5037 Oct 03 j 20:35	11° \mathfrak{M} 10'44	
max. Earth dist.	-5039 May 10 j 02:12	7° \mathbb{Y} 42'24	1.73315 AU	inferior conj	-5037 Oct 08 j 15:56	8° \mathfrak{M} 18'25	-5°-25'-48
				minimum elong	-5037 Oct 09 j 02:04	8° \mathfrak{M} 02'53	5°23'04
superior conj	-5039 May 13 j 14:31	12° \mathbb{Y} 02'20	0°-4'-30	min. Earth dist.	-5037 Oct 08 j 15:31	8° \mathfrak{M} 19'03	0.26423 AU
minimum elong	-5039 May 13 j 15:23	12° \mathbb{Y} 04'59	0°04'26	morning rise	-5037 Oct 14 j 07:37	4° \mathfrak{M} 58'26	
behind sun begin	-5039 May 12 j 18:05	10° \mathbb{Y} 59'19		direct	-5037 Oct 28 j 21:01	0° \mathfrak{M} 43'50	
behind sun end	-5039 May 14 j 12:40	13° \mathbb{Y} 10'40		asc. node	-5037 Oct 31 j 07:08	0° \mathfrak{M} 50'55	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-5037 Nov 09 j 17:18	3° \mathbb{M} 22'00	-4.7m			-5034 Jun 30 j 22:50	0° \mathfrak{G}	
	-5037 Dec 14 j 13:59	0° \mathfrak{A}				-5034 Jul 25 j 17:07	0° \mathcal{O}	
morning max el	-5037 Dec 18 j 01:34	3° \mathfrak{A} 26'44	46°32'17	desc. node		-5034 Aug 07 j 00:27	14° \mathcal{O} 45'55	
	-5036 Jan 12 j 03:24	0° \mathbb{M}				-5034 Aug 19 j 20:23	0° \mathbb{M}	
	-5036 Feb 07 j 17:30	0° \mathfrak{A}				-5034 Sep 14 j 18:02	0° \mathfrak{A}	
desc. node	-5036 Feb 20 j 08:43	14° \mathfrak{A} 36'05		evening max el		-5034 Oct 09 j 19:54	27° \mathfrak{A} 11'27	47°30'43
	-5036 Mar 04 j 13:15	0° \mathfrak{Z}				-5034 Oct 12 j 14:26	0° \mathbb{M}	
	-5036 Mar 29 j 22:07	0° \approx		greatest brilliancy		-5034 Nov 16 j 04:48	27° \mathbb{M} 45'10	-4.7m
	-5036 Apr 23 j 22:19	0° \mathfrak{H}				-5034 Nov 21 j 19:00	0° \mathfrak{A}	
	-5036 May 18 j 14:39	0° \mathbb{Y}		asc. node		-5034 Nov 27 j 18:21	1° \mathfrak{A} 14'01	
	-5036 Jun 11 j 23:38	0° \mathfrak{B}		retrograde		-5034 Nov 30 j 00:43	1° \mathfrak{A} 20'22	
asc. node	-5036 Jun 12 j 01:03	0° \mathfrak{B} 04'22				-5034 Dec 07 j 23:10	30° \mathbb{M}	
morning set	-5036 Jun 13 j 17:15	2° \mathfrak{B} 08'51		evening set		-5034 Dec 15 j 08:07	26° \mathbb{M} 33'45	
	-5036 Jul 06 j 02:14	0° \mathbb{I}		min. Earth dist.		-5034 Dec 19 j 21:45	23° \mathbb{M} 46'14	0.27797 AU
max. Earth dist.	-5036 Jul 16 j 19:39	13° \mathbb{I} 25'52	1.71649 AU	inferior conj		-5034 Dec 20 j 23:47	23° \mathbb{M} 04'55	5°16'20
				minimum elong		-5034 Dec 20 j 14:51	23° \mathbb{M} 19'06	5°14'02
superior conj	-5036 Jul 20 j 15:47	18° \mathbb{I} 14'56	1°14'09	morning rise		-5034 Dec 25 j 22:23	20° \mathbb{M} 02'27	
minimum elong	-5036 Jul 20 j 08:04	17° \mathbb{I} 50'41	1°14'15	direct		-5033 Jan 10 j 17:56	15° \mathbb{M} 04'31	
	-5036 Jul 30 j 00:16	0° \mathfrak{G}		greatest brilliancy		-5033 Jan 21 j 10:40	17° \mathbb{M} 11'13	-4.5m
	-5036 Aug 22 j 20:18	0° \mathcal{O}				-5033 Feb 11 j 08:31	0° \mathfrak{A}	
evening rise	-5036 Aug 28 j 05:55	6° \mathcal{O} 47'51		morning max el		-5033 Feb 28 j 17:09	15° \mathfrak{A} 20'31	45°57'54
	-5036 Sep 15 j 16:54	0° \mathbb{M}				-5033 Mar 15 j 09:26	0° \mathfrak{Z}	
desc. node	-5036 Oct 01 j 23:01	20° \mathbb{M} 22'13		desc. node		-5033 Mar 19 j 20:03	4° \mathfrak{Z} 38'21	
	-5036 Oct 09 j 15:58	0° \mathfrak{A}				-5033 Apr 12 j 03:13	0° \approx	
	-5036 Nov 02 j 18:48	0° \mathbb{M}				-5033 May 08 j 08:46	0° \mathfrak{H}	
	-5036 Nov 27 j 03:07	0° \mathfrak{A}				-5033 Jun 02 j 17:33	0° \mathbb{Y}	
	-5036 Dec 21 j 20:43	0° \mathfrak{Z}				-5033 Jun 27 j 11:26	0° \mathfrak{B}	
	-5035 Jan 16 j 07:51	0° \approx		asc. node		-5033 Jul 10 j 13:27	16° \mathfrak{B} 06'32	
asc. node	-5035 Jan 22 j 15:10	7° \approx 13'13				-5033 Jul 21 j 17:57	0° \mathbb{I}	
	-5035 Feb 12 j 06:45	0° \mathfrak{H}		greatest brilliancy		-5033 Aug 03 j 14:46	16° \mathbb{I} 04'57	-3.9m
evening max el	-5035 Mar 02 j 19:00	18° \mathfrak{H} 45'49	45°05'59			-5033 Aug 14 j 16:31	0° \mathfrak{G}	
	-5035 Mar 15 j 06:48	0° \mathbb{Y}		morning set		-5033 Aug 24 j 18:36	12° \mathfrak{G} 43'01	
greatest brilliancy	-5035 Apr 06 j 06:31	14° \mathbb{Y} 38'56	-4.5m			-5033 Sep 07 j 10:56	0° \mathcal{O}	
retrograde	-5035 Apr 19 j 22:35	17° \mathbb{Y} 53'27				-5033 Oct 01 j 04:44	0° \mathbb{M}	
evening set	-5035 May 04 j 23:15	13° \mathbb{Y} 36'34						
inferior conj	-5035 May 11 j 07:34	9° \mathbb{Y} 53'17	0°46'41	superior conj		-5033 Oct 04 j 02:16	3° \mathbb{M} 39'18	0°56'10
minimum elong	-5035 May 11 j 09:17	9° \mathbb{Y} 50'39	0°46'13	minimum elong		-5033 Oct 04 j 13:47	4° \mathbb{M} 15'38	0°55'54
min. Earth dist.	-5035 May 12 j 02:15	9° \mathbb{Y} 24'33	0.28652 AU	max. Earth dist.		-5033 Oct 07 j 18:53	8° \mathbb{M} 18'43	1.70892 AU
desc. node	-5035 May 14 j 16:13	7° \mathbb{Y} 50'20				-5033 Oct 25 j 00:31	0° \mathfrak{A}	
morning rise	-5035 May 17 j 18:25	6° \mathbb{Y} 03'58		desc. node		-5033 Oct 30 j 11:44	6° \mathfrak{A} 51'34	
direct	-5035 Jun 02 j 00:16	1° \mathbb{Y} 37'13		evening rise		-5033 Nov 15 j 21:19	27° \mathfrak{A} 23'09	
greatest brilliancy	-5035 Jun 16 j 21:18	5° \mathbb{Y} 26'50	-4.5m			-5033 Nov 17 j 23:34	0° \mathbb{M}	
	-5035 Jul 18 j 21:38	0° \mathfrak{B}				-5033 Dec 12 j 02:21	0° \mathfrak{A}	
morning max el	-5035 Jul 21 j 18:18	2° \mathfrak{B} 47'13	46°24'10			-5032 Jan 05 j 09:35	0° \mathfrak{Z}	
	-5035 Aug 16 j 08:54	0° \mathbb{I}				-5032 Jan 29 j 23:17	0° \approx	
asc. node	-5035 Sep 04 j 10:59	22° \mathbb{I} 02'29		asc. node		-5032 Feb 20 j 03:06	25° \approx 26'28	
	-5035 Sep 11 j 03:40	0° \mathfrak{G}				-5032 Feb 23 j 23:09	0° \mathfrak{H}	
	-5035 Oct 05 j 20:04	0° \mathcal{O}				-5032 Mar 20 j 15:06	0° \mathbb{Y}	
	-5035 Oct 30 j 01:44	0° \mathbb{M}				-5032 Apr 16 j 10:32	0° \mathfrak{B}	
	-5035 Nov 23 j 05:02	0° \mathfrak{A}		evening max el		-5032 May 13 j 11:16	27° \mathfrak{B} 46'30	45°37'45
	-5035 Dec 17 j 10:00	0° \mathbb{M}				-5032 May 15 j 19:41	0° \mathbb{I}	
desc. node	-5035 Dec 25 j 10:46	9° \mathbb{M} 55'29		desc. node		-5032 Jun 11 j 03:33	20° \mathbb{I} 58'36	
	-5034 Jan 10 j 17:30	0° \mathfrak{A}		greatest brilliancy		-5032 Jun 20 j 09:10	25° \mathbb{I} 33'05	-4.5m
morning set	-5034 Jan 26 j 16:51	19° \mathfrak{A} 39'08		retrograde		-5032 Jul 01 j 12:30	27° \mathbb{I} 44'57	
	-5034 Feb 04 j 02:53	0° \mathfrak{Z}		evening set		-5032 Jul 18 j 05:26	22° \mathbb{I} 32'17	
	-5034 Feb 28 j 13:08	0° \approx		inferior conj		-5032 Jul 22 j 10:40	20° \mathbb{I} 02'37	-8°-2'-28
				minimum elong		-5032 Jul 22 j 02:20	20° \mathbb{I} 15'12	8°01'07
superior conj	-5034 Mar 05 j 13:48	6° \approx 10'22	-1°-17'-10	min. Earth dist.		-5032 Jul 22 j 15:39	19° \mathbb{I} 55'05	0.27333 AU
minimum elong	-5034 Mar 05 j 19:53	6° \approx 29'05	1°17'18	morning rise		-5032 Jul 25 j 23:02	17° \mathbb{I} 56'52	
max. Earth dist.	-5034 Mar 05 j 12:35	6° \approx 06'41	1.73654 AU	direct		-5032 Aug 12 j 09:49	12° \mathbb{I} 14'38	
	-5034 Mar 24 j 23:42	0° \mathfrak{H}		greatest brilliancy		-5032 Aug 26 j 01:55	15° \mathbb{I} 39'00	-4.6m
evening rise	-5034 Apr 10 j 21:02	20° \mathfrak{H} 43'42				-5032 Sep 15 j 18:44	0° \mathfrak{G}	
asc. node	-5034 Apr 17 j 01:56	28° \mathfrak{H} 20'22		asc. node		-5032 Oct 01 j 22:16	15° \mathfrak{G} 22'26	
	-5034 Apr 18 j 10:25	0° \mathbb{Y}		morning max el		-5032 Oct 02 j 03:27	15° \mathfrak{G} 35'43	46°50'35
greatest brilliancy	-5034 Apr 19 j 00:08	0° \mathbb{Y} 42'05	-3.9m			-5032 Oct 15 j 16:19	0° \mathcal{O}	
	-5034 May 12 j 21:23	0° \mathfrak{B}				-5032 Nov 10 j 22:03	0° \mathbb{M}	
	-5034 Jun 06 j 09:06	0° \mathbb{I}				-5032 Dec 06 j 02:51	0° \mathfrak{A}	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5032 Dec 31 j 00:09	0°♌					-5029 Jun 18 j 21:12	0°♊			
desc. node	-5031 Jan 21 j 22:58	26°♌32'26			desc. node		-5029 Jul 09 j 14:50	22°♊56'28			
	-5031 Jan 24 j 19:33	0°♊					-5029 Jul 16 j 06:19	0°♊			
	-5031 Feb 18 j 13:55	0°♊			evening max el		-5029 Jul 27 j 03:03	11°♊05'18	47°08'54		
	-5031 Mar 15 j 06:27	0°♊					-5029 Aug 17 j 03:00	0°♊			
morning set	-5031 Apr 05 j 17:10	26°♊10'17			greatest brilliancy		-5029 Sep 04 j 22:39	11°♊25'56	-4.7m		
	-5031 Apr 08 j 20:18	0°♊			retrograde		-5029 Sep 15 j 13:45	13°♊33'21			
	-5031 May 03 j 06:56	0°♊			evening set		-5029 Oct 01 j 12:06	8°♊36'56			
max. Earth dist.	-5031 May 07 j 21:07	5°♊39'08	1.73353 AU		inferior conj		-5029 Oct 06 j 04:19	5°♊49'37	-5°-44'-58		
					minimum elong		-5029 Oct 06 j 14:44	5°♊33'42	5°42'15		
superior conj	-5031 May 11 j 09:42	9°♊59'46	0°-7'-30		min. Earth dist.		-5029 Oct 06 j 05:07	5°♊48'24	0.26427 AU		
minimum elong	-5031 May 11 j 11:09	10°♊04'15	0°07'26		morning rise		-5029 Oct 11 j 17:20	2°♊33'31			
behind sun begin	-5031 May 10 j 15:31	9°♊03'42					-5029 Oct 17 j 04:29	30°♊♌			
behind sun end	-5031 May 12 j 06:47	11°♊04'48			direct		-5029 Oct 26 j 09:01	28°♊14'51			
asc. node	-5031 May 14 j 14:40	13°♊57'09			asc. node		-5029 Oct 30 j 09:20	28°♊34'10			
	-5031 May 27 j 14:14	0°♊					-5029 Nov 04 j 22:36	0°♊			
evening rise	-5031 Jun 16 j 01:11	24°♊07'43			greatest brilliancy		-5029 Nov 07 j 08:23	0°♊56'15	-4.7m		
	-5031 Jun 20 j 18:34	0°♊					-5029 Dec 14 j 14:03	0°♊			
	-5031 Jul 14 j 21:04	0°♊			morning max el		-5029 Dec 15 j 15:06	1°♊02'34	46°33'28		
	-5031 Aug 07 j 23:36	0°♊					-5028 Jan 11 j 20:08	0°♌			
	-5031 Sep 01 j 04:22	0°♊					-5028 Feb 07 j 07:31	0°♊			
desc. node	-5031 Sep 03 j 12:38	2°♊53'43			desc. node		-5028 Feb 19 j 10:44	14°♊03'19			
	-5031 Sep 25 j 13:45	0°♊					-5028 Mar 04 j 01:53	0°♊			
	-5031 Oct 20 j 07:16	0°♌					-5028 Mar 29 j 09:56	0°♊			
	-5031 Nov 14 j 16:51	0°♊					-5028 Apr 23 j 09:38	0°♊			
	-5031 Dec 11 j 16:48	0°♊					-5028 May 18 j 01:41	0°♊			
evening max el	-5031 Dec 19 j 15:29	8°♊10'02	46°09'24		morning set		-5028 Jun 11 j 10:51	0°♊01'00			
asc. node	-5031 Dec 25 j 05:46	13°♊38'51			asc. node		-5028 Jun 11 j 03:10	29°♊37'12			
	-5030 Jan 13 j 13:37	0°♊					-5028 Jun 11 j 10:32	0°♊			
greatest brilliancy	-5030 Jan 23 j 05:30	5°♊54'00	-4.5m				-5028 Jul 05 j 13:07	0°♊			
retrograde	-5030 Feb 07 j 06:07	9°♊55'14			max. Earth dist.		-5028 Jul 14 j 10:45	11°♊08'30	1.71708 AU		
evening set	-5030 Feb 24 j 21:58	3°♊55'50									
inferior conj	-5030 Feb 28 j 16:58	1°♊32'22	7°52'16		superior conj		-5028 Jul 18 j 07:28	15°♊59'13	1°12'31		
minimum elong	-5030 Feb 28 j 21:42	1°♊24'46	7°51'39		minimum elong		-5028 Jul 17 j 23:23	15°♊33'51	1°12'35		
min. Earth dist.	-5030 Feb 28 j 21:01	1°♊25'53	0.29409 AU				-5028 Jul 29 j 11:14	0°♊			
	-5030 Mar 03 j 02:59	30°♊♌					-5028 Aug 22 j 07:24	0°♊			
morning rise	-5030 Mar 04 j 21:32	28°♊54'19			evening rise		-5028 Aug 25 j 17:41	4°♊18'55			
direct	-5030 Mar 22 j 10:27	23°♊04'57					-5028 Sep 15 j 04:08	0°♊			
greatest brilliancy	-5030 Apr 04 j 03:32	25°♊55'20	-4.5m		desc. node		-5028 Oct 01 j 01:13	19°♊53'43			
	-5030 Apr 12 j 00:22	0°♊					-5028 Oct 09 j 03:21	0°♊			
desc. node	-5030 Apr 16 j 07:15	2°♊46'01					-5028 Nov 02 j 06:22	0°♌			
morning max el	-5030 May 10 j 06:52	22°♊51'24	45°52'46				-5028 Nov 26 j 15:00	0°♊			
	-5030 May 17 j 13:59	0°♊					-5028 Dec 21 j 09:16	0°♊			
	-5030 Jun 14 j 16:52	0°♊					-5027 Jan 15 j 21:46	0°♊			
	-5030 Jul 10 j 17:35	0°♊			asc. node		-5027 Jan 21 j 17:11	6°♊37'59			
	-5030 Aug 04 j 16:02	0°♊					-5027 Feb 12 j 00:03	0°♊			
asc. node	-5030 Aug 07 j 01:24	2°♊55'31			evening max el		-5027 Feb 28 j 10:58	16°♊36'14	45°06'38		
	-5030 Aug 28 j 22:39	0°♊					-5027 Mar 15 j 13:47	0°♊			
	-5030 Sep 21 j 20:40	0°♊			greatest brilliancy		-5027 Apr 03 j 19:36	12°♊26'42	-4.5m		
	-5030 Oct 15 j 15:54	0°♊			retrograde		-5027 Apr 17 j 14:43	15°♊44'04			
	-5030 Nov 08 j 12:24	0°♊			evening set		-5027 May 02 j 16:11	11°♊25'04			
morning set	-5030 Nov 09 j 08:45	1°♊03'48			inferior conj		-5027 May 08 j 23:18	7°♊42'54	1°06'26		
desc. node	-5030 Nov 27 j 00:23	23°♊09'09			minimum elong		-5027 May 09 j 01:43	7°♊39'11	1°05'45		
	-5030 Dec 02 j 12:04	0°♌			min. Earth dist.		-5027 May 09 j 18:00	7°♊14'08	0.28701 AU		
					desc. node		-5027 May 13 j 18:24	4°♊49'22			
superior conj	-5030 Dec 21 j 10:35	23°♌33'53	0°-52'-14		morning rise		-5027 May 15 j 10:30	3°♊53'12			
minimum elong	-5030 Dec 20 j 23:54	23°♌00'44	0°52'04				-5027 May 25 j 08:31	30°♊♊			
max. Earth dist.	-5030 Dec 25 j 20:47	29°♌03'22	1.72340 AU		direct		-5027 May 30 j 16:54	29°♊26'02			
	-5030 Dec 26 j 15:03	0°♊					-5027 Jun 05 j 04:40	0°♊			
	-5029 Jan 19 j 20:57	0°♊			greatest brilliancy		-5027 Jun 14 j 13:38	3°♊15'57	-4.5m		
evening rise	-5029 Jan 30 j 01:47	12°♊34'37					-5027 Jul 18 j 20:29	0°♊			
	-5029 Feb 13 j 05:47	0°♊			morning max el		-5027 Jul 19 j 10:43	0°♊34'55	46°22'49		
	-5029 Mar 09 j 18:19	0°♊					-5027 Aug 16 j 00:57	0°♊			
asc. node	-5029 Mar 19 j 15:30	12°♊01'25			asc. node		-5027 Sep 03 j 13:09	21°♊26'52			
	-5029 Apr 03 j 11:46	0°♊					-5027 Sep 10 j 17:24	0°♊			
	-5029 Apr 28 j 11:42	0°♊					-5027 Oct 05 j 08:44	0°♊			
	-5029 May 23 j 20:46	0°♊					-5027 Oct 29 j 13:46	0°♊			

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5027 Nov 22 j 16:39	0°♊		desc. node	-5024 Jun 10 j 05:38	19°♊31'45	
	-5027 Dec 16 j 21:16	0°♋		greatest brilliancy	-5024 Jun 17 j 21:05	23°♊10'49	-4.5m
desc. node	-5027 Dec 24 j 12:50	9°♋27'16		retrograde	-5024 Jun 29 j 00:27	25°♊22'53	
	-5026 Jan 10 j 04:31	0°♌		evening set	-5024 Jul 15 j 14:18	20°♊16'07	
morning set	-5026 Jan 24 j 07:11	17°♌22'05		inferior conj	-5024 Jul 19 j 23:43	17°♊40'30	-7°-51'-45
	-5026 Feb 03 j 13:43	0°♍		minimum elong	-5024 Jul 19 j 14:52	17°♊53'53	7°50'15
	-5026 Feb 27 j 23:52	0°♎		min. Earth dist.	-5024 Jul 20 j 05:08	17°♊32'19	0.27372 AU
				morning rise	-5024 Jul 23 j 15:10	15°♊30'04	
superior conj	-5026 Mar 03 j 07:24	4°♎04'10	-1°-18'-15	direct	-5024 Aug 09 j 23:18	9°♊51'42	
minimum elong	-5026 Mar 03 j 13:02	4°♎21'26	1°18'26	greatest brilliancy	-5024 Aug 23 j 17:01	13°♊16'58	-4.6m
max. Earth dist.	-5026 Mar 03 j 10:53	4°♎14'52	1.73639 AU		-5024 Sep 16 j 01:58	0°♋	
	-5026 Mar 24 j 10:26	0°♌		morning max el	-5024 Sep 29 j 15:22	13°♋05'42	46°50'20
evening rise	-5026 Apr 08 j 16:10	18°♌42'05		asc. node	-5024 Oct 01 j 00:31	14°♋30'52	
asc. node	-5026 Apr 16 j 04:09	27°♌54'00			-5024 Oct 15 j 10:44	0°♌	
	-5026 Apr 17 j 21:15	0°♍			-5024 Nov 10 j 12:58	0°♍	
greatest brilliancy	-5026 Apr 19 j 09:19	1°♍50'36	-3.9m		-5024 Dec 05 j 16:09	0°♎	
	-5026 May 12 j 08:26	0°♏			-5024 Dec 30 j 12:31	0°♏	
	-5026 Jun 05 j 20:33	0°♐		desc. node	-5023 Jan 21 j 00:58	26°♏02'46	
	-5026 Jun 30 j 10:53	0°♑			-5023 Jan 24 j 07:18	0°♌	
	-5026 Jul 25 j 06:01	0°♒			-5023 Feb 18 j 01:11	0°♍	
desc. node	-5026 Aug 06 j 02:29	14°♒11'50			-5023 Mar 14 j 17:23	0°♎	
	-5026 Aug 19 j 10:38	0°♏		morning set	-5023 Apr 03 j 12:11	24°♎08'45	
	-5026 Sep 14 j 10:48	0°♐			-5023 Apr 08 j 07:02	0°♏	
evening max el	-5026 Oct 07 j 12:40	24°♐55'10	47°32'17		-5023 May 02 j 17:38	0°♍	
	-5026 Oct 12 j 14:03	0°♑		max. Earth dist.	-5023 May 05 j 17:11	3°♍40'12	1.73395 AU
greatest brilliancy	-5026 Nov 13 j 22:26	25°♑28'09	-4.7m				
asc. node	-5026 Nov 26 j 20:34	28°♑59'59		superior conj	-5023 May 09 j 04:59	7°♍58'21	0°-10'-30
retrograde	-5026 Nov 27 j 16:52	29°♑00'52		minimum elong	-5023 May 09 j 07:01	8°♍04'34	0°10'23
evening set	-5026 Dec 12 j 21:15	24°♑18'01		behind sun begin	-5023 May 08 j 14:14	7°♍12'53	
min. Earth dist.	-5026 Dec 17 j 12:26	21°♑28'16	0.27715 AU	behind sun end	-5023 May 09 j 23:47	8°♍56'17	
inferior conj	-5026 Dec 18 j 14:51	20°♑46'21	4°59'54	asc. node	-5023 May 13 j 16:46	13°♍30'36	
minimum elong	-5026 Dec 18 j 06:07	21°♑00'14	4°57'35		-5023 May 27 j 01:01	0°♏	
morning rise	-5026 Dec 23 j 15:53	17°♑40'44		evening rise	-5023 Jun 13 j 19:50	22°♏02'43	
direct	-5025 Jan 08 j 08:43	12°♑47'31			-5023 Jun 20 j 05:31	0°♐	
greatest brilliancy	-5025 Jan 18 j 23:26	14°♑52'53	-4.5m		-5023 Jul 14 j 08:17	0°♑	
	-5025 Feb 11 j 17:41	0°♌			-5023 Aug 07 j 11:08	0°♒	
morning max el	-5025 Feb 26 j 08:34	13°♌08'29	45°58'38		-5023 Aug 31 j 16:19	0°♏	
	-5025 Mar 15 j 03:27	0°♍		desc. node	-5023 Sep 02 j 14:50	2°♏23'33	
desc. node	-5025 Mar 18 j 22:19	3°♍58'53			-5023 Sep 25 j 02:16	0°♎	
	-5025 Apr 11 j 17:27	0°♎			-5023 Oct 19 j 20:38	0°♏	
	-5025 May 07 j 21:23	0°♏			-5023 Nov 14 j 07:52	0°♌	
	-5025 Jun 02 j 05:19	0°♍			-5023 Dec 11 j 12:03	0°♍	
	-5025 Jun 26 j 22:46	0°♏		evening max el	-5023 Dec 17 j 05:47	5°♍52'07	46°12'35
asc. node	-5025 Jul 09 j 15:29	15°♏38'11		asc. node	-5023 Dec 24 j 07:49	12°♍46'43	
	-5025 Jul 21 j 05:04	0°♐			-5022 Jan 14 j 10:31	0°♎	
greatest brilliancy	-5025 Aug 04 j 05:55	17°♐33'06	-3.9m	greatest brilliancy	-5022 Jan 20 j 22:26	3°♎45'32	-4.5m
	-5025 Aug 14 j 03:33	0°♑		retrograde	-5022 Feb 04 j 23:06	7°♎48'05	
morning set	-5025 Aug 22 j 07:17	10°♑16'53		evening set	-5022 Feb 22 j 16:21	1°♎46'32	
	-5025 Sep 06 j 21:57	0°♒			-5022 Feb 25 j 12:15	30°♏♌	
	-5025 Sep 30 j 15:46	0°♏		inferior conj	-5022 Feb 26 j 10:13	29°♌24'51	7°57'15
				minimum elong	-5022 Feb 26 j 14:22	29°♌18'12	7°56'45
superior conj	-5025 Oct 01 j 11:40	1°♏02'46	0°59'04	min. Earth dist.	-5022 Feb 26 j 13:22	29°♌19'50	0.29393 AU
minimum elong	-5025 Oct 01 j 23:12	1°♏39'07	0°58'48	morning rise	-5022 Mar 02 j 12:27	26°♌50'14	
max. Earth dist.	-5025 Oct 04 j 23:37	5°♏27'28	1.70871 AU	direct	-5022 Mar 20 j 02:37	20°♌57'37	
	-5025 Oct 24 j 11:36	0°♎		greatest brilliancy	-5022 Apr 01 j 18:40	23°♌46'28	-4.5m
desc. node	-5025 Oct 29 j 13:52	6°♎23'31			-5022 Apr 13 j 01:01	0°♎	
evening rise	-5025 Nov 13 j 06:07	24°♎45'56		desc. node	-5022 Apr 15 j 09:21	1°♎36'51	
	-5025 Nov 17 j 10:42	0°♏		morning max el	-5022 May 07 j 22:27	20°♎41'10	45°52'21
	-5025 Dec 11 j 13:31	0°♌			-5022 May 17 j 09:24	0°♏	
	-5024 Jan 04 j 20:52	0°♍			-5022 Jun 14 j 07:38	0°♍	
	-5024 Jan 29 j 10:50	0°♎			-5022 Jul 10 j 06:35	0°♏	
asc. node	-5024 Feb 19 j 05:19	24°♎57'10			-5022 Aug 04 j 04:12	0°♐	
	-5024 Feb 23 j 11:19	0°♏		asc. node	-5022 Aug 06 j 03:36	2°♐25'05	
	-5024 Mar 20 j 04:37	0°♍			-5022 Aug 28 j 10:24	0°♑	
	-5024 Apr 16 j 03:00	0°♏			-5022 Sep 21 j 08:11	0°♒	
evening max el	-5024 May 11 j 01:00	25°♏28'34	45°34'58		-5022 Oct 15 j 03:16	0°♏	
	-5024 May 15 j 20:57	0°♐		morning set	-5022 Nov 06 j 18:15	28°♏27'44	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5022 Nov 07 j 23:40	0°♄		inferior conj	-5019 May 06 j 15:16	5°♃32'43	1°25'54
desc. node	-5022 Nov 26 j 02:24	22°♄40'37		minimum elong	-5019 May 06 j 18:22	5°♃27'56	1°25'01
	-5022 Dec 01 j 23:13	0°♌		min. Earth dist.	-5019 May 07 j 09:53	5°♃04'00	0.28745 AU
				desc. node	-5019 May 12 j 20:30	1°♃50'57	
superior conj	-5022 Dec 18 j 21:42	21°♌05'04	0°-49'-17	morning rise	-5019 May 13 j 02:35	1°♃42'39	
minimum elong	-5022 Dec 18 j 11:13	20°♌32'31	0°49'06		-5019 May 16 j 12:58	30°♌	
max. Earth dist.	-5022 Dec 23 j 08:55	26°♌37'52	1.72278 AU	direct	-5019 May 28 j 09:53	27°♌15'12	
	-5022 Dec 26 j 02:06	0°♌			-5019 Jun 09 j 20:13	0°♃	
	-5021 Jan 19 j 07:57	0°♄		greatest brilliancy	-5019 Jun 12 j 04:57	1°♃03'40	-4.5m
evening rise	-5021 Jan 27 j 16:37	10°♄18'36		morning max el	-5019 Jul 17 j 02:49	28°♃21'41	46°21'31
	-5021 Feb 12 j 16:50	0°♌			-5019 Jul 18 j 18:35	0°♄	
	-5021 Mar 09 j 05:32	0°♌			-5019 Aug 15 j 16:53	0°♌	
asc. node	-5021 Mar 18 j 17:44	11°♌33'52		asc. node	-5019 Sep 02 j 15:26	20°♌51'19	
	-5021 Apr 02 j 23:21	0°♃			-5019 Sep 10 j 07:12	0°♄	
	-5021 Apr 27 j 23:57	0°♄			-5019 Oct 04 j 21:32	0°♌	
	-5021 May 23 j 10:11	0°♌			-5019 Oct 29 j 02:01	0°♌	
	-5021 Jun 18 j 12:47	0°♄			-5019 Nov 22 j 04:32	0°♄	
desc. node	-5021 Jul 08 j 16:52	22°♄11'26			-5019 Dec 16 j 08:52	0°♌	
	-5021 Jul 16 j 02:51	0°♌		desc. node	-5019 Dec 23 j 14:54	8°♌58'03	
evening max el	-5021 Jul 24 j 15:22	8°♌38'02	47°06'01		-5018 Jan 09 j 15:53	0°♌	
	-5021 Aug 17 j 21:57	0°♌		morning set	-5018 Jan 21 j 21:01	15°♌02'24	
greatest brilliancy	-5021 Sep 02 j 11:44	8°♌55'53	-4.7m		-5018 Feb 03 j 00:53	0°♄	
retrograde	-5021 Sep 13 j 01:50	11°♌02'25			-5018 Feb 27 j 10:55	0°♌	
evening set	-5021 Sep 29 j 03:21	6°♌01'13					
inferior conj	-5021 Oct 03 j 16:18	3°♌19'00	-6°-3'-34	superior conj	-5018 Mar 01 j 00:40	1°♌55'57	-1°-19'-16
minimum elong	-5021 Oct 04 j 02:56	3°♌02'48	6°00'53	minimum elong	-5018 Mar 01 j 05:48	2°♌11'41	1°19'28
min. Earth dist.	-5021 Oct 03 j 18:02	3°♌16'22	0.26436 AU	max. Earth dist.	-5018 Mar 01 j 10:02	2°♌24'43	1.73615 AU
morning rise	-5021 Oct 09 j 02:27	0°♌07'20			-5018 Mar 23 j 21:26	0°♌	
	-5021 Oct 09 j 07:49	30°♌		evening rise	-5018 Apr 06 j 11:11	16°♌39'18	
direct	-5021 Oct 23 j 21:12	25°♌44'00		asc. node	-5018 Apr 15 j 06:12	27°♌26'20	
asc. node	-5021 Oct 29 j 11:29	26°♌21'19			-5018 Apr 17 j 08:20	0°♃	
greatest brilliancy	-5021 Nov 04 j 22:55	28°♌28'25	-4.7m	greatest brilliancy	-5018 Apr 20 j 05:35	3°♃32'13	-3.9m
	-5021 Nov 08 j 04:07	0°♌			-5018 May 11 j 19:48	0°♄	
morning max el	-5021 Dec 13 j 05:13	28°♌38'56	46°34'49		-5018 Jun 05 j 08:19	0°♌	
	-5021 Dec 14 j 13:23	0°♄			-5018 Jun 29 j 23:15	0°♄	
	-5020 Jan 11 j 12:44	0°♌			-5018 Jul 24 j 19:15	0°♌	
	-5020 Feb 06 j 21:29	0°♌		desc. node	-5018 Aug 05 j 04:46	13°♌37'37	
desc. node	-5020 Feb 18 j 13:00	13°♌31'13			-5018 Aug 19 j 01:14	0°♌	
	-5020 Mar 03 j 14:30	0°♄			-5018 Sep 14 j 04:06	0°♄	
	-5020 Mar 28 j 21:46	0°♌		evening max el	-5018 Oct 05 j 04:54	22°♄36'33	47°33'26
	-5020 Apr 22 j 21:00	0°♌			-5018 Oct 12 j 15:07	0°♌	
	-5020 May 17 j 12:47	0°♃		greatest brilliancy	-5018 Nov 11 j 16:40	23°♌10'26	-4.7m
morning set	-5020 Jun 09 j 05:00	27°♃54'41		retrograde	-5018 Nov 25 j 08:20	26°♌39'19	
asc. node	-5020 Jun 10 j 05:15	29°♃09'43		asc. node	-5018 Nov 25 j 22:39	26°♌38'53	
	-5020 Jun 10 j 21:30	0°♄		evening set	-5018 Dec 10 j 10:19	22°♌00'18	
	-5020 Jul 05 j 00:05	0°♌		min. Earth dist.	-5018 Dec 15 j 03:18	19°♌07'53	0.27636 AU
max. Earth dist.	-5020 Jul 12 j 02:01	8°♌51'32	1.71768 AU	inferior conj	-5018 Dec 16 j 05:43	18°♌25'57	4°42'49
				minimum elong	-5018 Dec 15 j 21:14	18°♌39'25	4°40'29
superior conj	-5020 Jul 15 j 23:39	13°♌44'54	1°10'47	morning rise	-5018 Dec 21 j 09:08	15°♌17'00	
minimum elong	-5020 Jul 15 j 15:17	13°♌18'39	1°10'50	direct	-5017 Jan 05 j 23:16	10°♌28'39	
	-5020 Jul 28 j 22:18	0°♄		greatest brilliancy	-5017 Jan 16 j 12:35	12°♌32'56	-4.6m
	-5020 Aug 21 j 18:38	0°♌			-5017 Feb 12 j 01:01	0°♌	
evening rise	-5020 Aug 23 j 05:50	1°♌50'46		morning max el	-5017 Feb 23 j 22:59	10°♌52'24	45°59'28
	-5020 Sep 14 j 15:34	0°♌			-5017 Mar 14 j 21:33	0°♄	
desc. node	-5020 Sep 30 j 03:19	19°♌24'12		desc. node	-5017 Mar 18 j 00:26	3°♄18'14	
	-5020 Oct 08 j 14:59	0°♄			-5017 Apr 11 j 07:55	0°♌	
	-5020 Nov 01 j 18:14	0°♌			-5017 May 07 j 10:14	0°♌	
	-5020 Nov 26 j 03:14	0°♌			-5017 Jun 01 j 17:21	0°♃	
	-5020 Dec 20 j 22:10	0°♄			-5017 Jun 26 j 10:21	0°♄	
	-5019 Jan 15 j 12:05	0°♌		asc. node	-5017 Jul 08 j 17:38	15°♄09'19	
asc. node	-5019 Jan 20 j 19:26	6°♄02'29			-5017 Jul 20 j 16:27	0°♌	
	-5019 Feb 11 j 17:58	0°♌		greatest brilliancy	-5017 Aug 04 j 18:59	18°♌53'51	-3.9m
evening max el	-5019 Feb 26 j 03:23	14°♌27'12	45°07'29		-5017 Aug 13 j 14:52	0°♄	
	-5019 Mar 15 j 23:36	0°♃		morning set	-5017 Aug 19 j 20:20	7°♄51'03	
greatest brilliancy	-5019 Apr 01 j 10:07	10°♃16'09	-4.5m		-5017 Sep 06 j 09:15	0°♌	
retrograde	-5019 Apr 15 j 06:50	13°♃34'44					
evening set	-5019 Apr 30 j 09:31	9°♃13'44		superior conj	-5017 Sep 28 j 21:41	28°♌27'17	1°01'47

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 78

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-5017 Sep 29 j 09:08	29°03'23	1°01'34	min. Earth dist.	-5014 Feb 24 j 05:22	27°03'30	0.29378 AU		
	-5017 Sep 30 j 03:05	0°00		morning rise	-5014 Feb 28 j 03:33	24°04'17			
max. Earth dist.	-5017 Oct 02 j 01:33	2°00'26	34	1.70851 AU	direct	-5014 Mar 17 j 18:55	18°04'28		
	-5017 Oct 23 j 22:56	0°00		greatest brilliancy	-5014 Mar 30 j 10:24	21°03'41	-4.5m		
desc. node	-5017 Oct 28 j 15:53	5°05'41	19			-5014 Apr 13 j 19:34	0°00		
evening rise	-5017 Nov 10 j 15:05	22°08'24		desc. node	-5014 Apr 14 j 11:27	0°00'28	45		
	-5017 Nov 16 j 22:05	0°00		morning max el	-5014 May 05 j 14:55	18°03'22	0		
	-5017 Dec 11 j 00:59	0°00			-5014 May 17 j 04:36	0°00			
	-5016 Jan 04 j 08:29	0°00			-5014 Jun 13 j 22:29	0°00			
	-5016 Jan 28 j 22:46	0°00			-5014 Jul 09 j 19:42	0°00			
asc. node	-5016 Feb 18 j 07:30	24°00'26	33		-5014 Aug 03 j 16:29	0°00			
	-5016 Feb 22 j 23:57	0°00		asc. node	-5014 Aug 05 j 05:49	1°00'54	25		
	-5016 Mar 19 j 18:39	0°00			-5014 Aug 27 j 22:13	0°00			
	-5016 Apr 15 j 20:10	0°00			-5014 Sep 20 j 19:47	0°00			
evening max el	-5016 May 08 j 13:59	23°08'12	45°32'28		-5014 Oct 14 j 14:46	0°00			
	-5016 May 15 j 23:59	0°00		morning set	-5014 Nov 04 j 03:52	25°00'51	22		
desc. node	-5016 Jun 09 j 07:45	18°00'01	20		-5014 Nov 07 j 11:04	0°00			
greatest brilliancy	-5016 Jun 15 j 08:41	20°00'47	51	-4.5m	desc. node	-5014 Nov 25 j 04:29	22°00'11	48	
retrograde	-5016 Jun 26 j 12:44	23°00'00	58			-5014 Dec 01 j 10:30	0°00		
evening set	-5016 Jul 12 j 23:22	17°00'59	35						
inferior conj	-5016 Jul 17 j 12:57	15°00'18	15	-7°-40'-16	superior conj	-5014 Dec 16 j 08:44	18°00'35	22	0°-46'-13
minimum elong	-5016 Jul 17 j 03:38	15°00'32	21	7°38'37	minimum elong	-5014 Dec 15 j 22:32	18°00'03	38	0°46'00
min. Earth dist.	-5016 Jul 17 j 18:51	15°00'09	20	0.27415 AU	max. Earth dist.	-5014 Dec 20 j 20:07	24°00'08	54	1.72216 AU
morning rise	-5016 Jul 21 j 07:34	13°00'03	08			-5014 Dec 25 j 13:17	0°00		
direct	-5016 Aug 07 j 12:37	7°00'28	23			-5013 Jan 18 j 19:04	0°00		
greatest brilliancy	-5016 Aug 21 j 09:21	10°00'56	07	-4.6m	evening rise	-5013 Jan 25 j 07:29	8°00'02	16	
	-5016 Sep 16 j 07:22	0°00				-5013 Feb 12 j 03:59	0°00		
morning max el	-5016 Sep 27 j 03:49	10°00'36	19	46°50'10		-5013 Mar 08 j 16:52	0°00		
asc. node	-5016 Sep 30 j 02:33	13°00'38	53		asc. node	-5013 Mar 17 j 19:46	11°00'05	20	
	-5016 Oct 15 j 04:59	0°00				-5013 Apr 02 j 11:05	0°00		
	-5016 Nov 10 j 03:56	0°00				-5013 Apr 27 j 12:24	0°00		
	-5016 Dec 05 j 05:36	0°00				-5013 May 22 j 23:52	0°00		
	-5016 Dec 30 j 01:04	0°00				-5013 Jun 18 j 04:46	0°00		
desc. node	-5015 Jan 20 j 03:12	25°00'33	08		desc. node	-5013 Jul 07 j 19:09	21°00'26	07	
	-5015 Jan 23 j 19:15	0°00				-5013 Jul 16 j 00:11	0°00		
	-5015 Feb 17 j 12:43	0°00			evening max el	-5013 Jul 22 j 04:35	6°00'13	01	47°03'15
	-5015 Mar 14 j 04:37	0°00				-5013 Aug 18 j 23:28	0°00		
morning set	-5015 Apr 01 j 06:54	22°00'05	18		greatest brilliancy	-5013 Aug 30 j 23:57	6°00'25	07	-4.7m
	-5015 Apr 07 j 18:06	0°00			retrograde	-5013 Sep 10 j 14:20	8°00'31	30	
	-5015 May 02 j 04:38	0°00			evening set	-5013 Sep 26 j 18:41	3°00'25	30	
max. Earth dist.	-5015 May 03 j 14:19	1°00'43	39	1.73432 AU	inferior conj	-5013 Oct 01 j 04:17	0°00'48	15	-6°-21'-23
					minimum elong	-5013 Oct 01 j 15:02	0°00'31	56	6°18'47
superior conj	-5015 May 07 j 00:05	5°00'55	27	0°-13'-29	min. Earth dist.	-5013 Oct 01 j 06:28	0°00'44	57	0.26449 AU
minimum elong	-5015 May 07 j 02:40	6°00'03	26	0°13'22		-5013 Oct 02 j 12:06	30°00'00		
behind sun begin	-5015 May 06 j 14:48	5°00'26	51		morning rise	-5013 Oct 06 j 11:21	27°00'41	21	
behind sun end	-5015 May 07 j 14:33	6°00'40	02		direct	-5013 Oct 21 j 09:57	23°00'13	15	
asc. node	-5015 May 12 j 18:49	13°00'03	02		asc. node	-5013 Oct 28 j 13:40	24°00'13	50	
	-5015 May 26 j 12:04	0°00			greatest brilliancy	-5013 Nov 02 j 12:34	25°00'59	26	-4.7m
evening rise	-5015 Jun 11 j 14:28	19°00'57	04			-5013 Nov 10 j 01:27	0°00		
	-5015 Jun 19 j 16:43	0°00			morning max el	-5013 Dec 10 j 19:42	26°00'16	02	46°35'59
	-5015 Jul 13 j 19:44	0°00				-5013 Dec 14 j 11:50	0°00		
	-5015 Aug 06 j 22:56	0°00				-5012 Jan 11 j 05:06	0°00		
	-5015 Aug 31 j 04:34	0°00				-5012 Feb 06 j 11:23	0°00		
desc. node	-5015 Sep 01 j 16:55	1°00'52	04		desc. node	-5012 Feb 17 j 15:04	12°00'58	33	
	-5015 Sep 24 j 15:06	0°00				-5012 Mar 03 j 03:05	0°00		
	-5015 Oct 19 j 10:21	0°00				-5012 Mar 28 j 09:35	0°00		
	-5015 Nov 13 j 23:17	0°00				-5012 Apr 22 j 08:21	0°00		
	-5015 Dec 11 j 08:04	0°00				-5012 May 16 j 23:53	0°00		
evening max el	-5015 Dec 14 j 20:20	3°00'34	12	46°15'51	morning set	-5012 Jun 06 j 23:04	25°00'48	07	
asc. node	-5015 Dec 23 j 10:03	11°00'53	29		asc. node	-5012 Jun 09 j 07:27	28°00'42	27	
	-5014 Jan 15 j 15:55	0°00				-5012 Jun 10 j 08:30	0°00		
greatest brilliancy	-5014 Jan 18 j 14:26	1°00'35	12	-4.5m		-5012 Jul 04 j 11:05	0°00		
retrograde	-5014 Feb 02 j 16:32	5°00'40	22		max. Earth dist.	-5012 Jul 09 j 14:40	6°00'26	23	1.71828 AU
	-5014 Feb 19 j 19:08	30°00'00							
evening set	-5014 Feb 20 j 10:29	29°00'36	45		superior conj	-5012 Jul 13 j 15:46	11°00'30	22	1°08'56
inferior conj	-5014 Feb 24 j 03:27	27°00'16	34	8°01'37	minimum elong	-5012 Jul 13 j 07:11	11°00'03	29	1°08'57
minimum elong	-5014 Feb 24 j 06:59	27°00'30	54	8°01'11		-5012 Jul 28 j 09:23	0°00		

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-5012 Aug 20 j 17:57	29° \mathfrak{G} 22'33			-5009 Feb 12 j 05:55	0° \mathfrak{A}		
	-5012 Aug 21 j 05:51	0° \mathfrak{Q}		morning max el	-5009 Feb 21 j 12:29	8° \mathfrak{A} 34'33	46°00'21	
	-5012 Sep 14 j 02:57	0° \mathfrak{M}			-5009 Mar 14 j 14:58	0° \mathfrak{Z}		
desc. node	-5012 Sep 29 j 05:19	18° \mathfrak{M} 54'30		desc. node	-5009 Mar 17 j 02:28	2° \mathfrak{Z} 38'27		
	-5012 Oct 08 j 02:33	0° \mathfrak{L}			-5009 Apr 10 j 21:59	0° \approx		
	-5012 Nov 01 j 06:04	0° \mathfrak{M}			-5009 May 06 j 22:45	0° \mathfrak{H}		
	-5012 Nov 25 j 15:27	0° \mathfrak{A}			-5009 Jun 01 j 05:03	0° \mathfrak{Y}		
	-5012 Dec 20 j 11:06	0° \mathfrak{Z}			-5009 Jun 25 j 21:38	0° \mathfrak{B}		
asc. node	-5011 Jan 15 j 02:30	0° \approx		asc. node	-5009 Jul 07 j 19:51	14° \mathfrak{B} 41'37		
	-5011 Jan 19 j 21:38	5° \approx 26'44			-5009 Jul 20 j 03:33	0° \mathfrak{I}		
	-5011 Feb 11 j 12:12	0° \mathfrak{H}		greatest brilliancy	-5009 Aug 05 j 04:40	20° \mathfrak{I} 04'58	-3.9m	
evening max el	-5011 Feb 23 j 19:39	12° \mathfrak{H} 18'00	45°08'25		-5009 Aug 13 j 01:55	0° \mathfrak{G}		
	-5011 Mar 16 j 12:36	0° \mathfrak{Y}		morning set	-5009 Aug 17 j 09:26	5° \mathfrak{G} 26'09		
greatest brilliancy	-5011 Mar 30 j 01:20	8° \mathfrak{Y} 06'53	-4.5m		-5009 Sep 05 j 20:18	0° \mathfrak{Q}		
retrograde	-5011 Apr 12 j 22:33	11° \mathfrak{Y} 25'54						
evening set	-5011 Apr 28 j 03:02	7° \mathfrak{Y} 02'54		superior conj	-5009 Sep 26 j 07:32	25° \mathfrak{Q} 51'51	1°04'22	
inferior conj	-5011 May 04 j 07:18	3° \mathfrak{Y} 23'13	1°45'01	minimum elong	-5009 Sep 26 j 18:48	26° \mathfrak{Q} 27'26	1°04'11	
minimum elong	-5011 May 04 j 11:04	3° \mathfrak{Y} 17'24	1°43'58	max. Earth dist.	-5009 Sep 28 j 23:51	29° \mathfrak{Q} 14'48	1.70840 AU	
min. Earth dist.	-5011 May 05 j 02:01	2° \mathfrak{Y} 54'17	0.28790 AU		-5009 Sep 29 j 14:11	0° \mathfrak{M}		
	-5011 May 09 j 22:48	30° \mathfrak{R} \mathfrak{H}			-5009 Oct 23 j 10:06	0° \mathfrak{L}		
morning rise	-5011 May 10 j 18:31	29° \mathfrak{H} 32'47		desc. node	-5009 Oct 27 j 18:02	5° \mathfrak{L} 26'06		
desc. node	-5011 May 11 j 22:37	28° \mathfrak{H} 55'36		evening rise	-5009 Nov 07 j 23:28	19° \mathfrak{L} 29'37		
direct	-5011 May 26 j 02:42	25° \mathfrak{H} 05'06			-5009 Nov 16 j 09:16	0° \mathfrak{M}		
greatest brilliancy	-5011 Jun 09 j 19:31	28° \mathfrak{H} 50'52	-4.5m		-5009 Dec 10 j 12:13	0° \mathfrak{A}		
	-5011 Jun 12 j 02:11	0° \mathfrak{Y}			-5008 Jan 03 j 19:51	0° \mathfrak{Z}		
morning max el	-5011 Jul 14 j 18:03	26° \mathfrak{Y} 06'39	46°20'04		-5008 Jan 28 j 10:29	0° \approx		
	-5011 Jul 18 j 15:48	0° \mathfrak{B}		asc. node	-5008 Feb 17 j 09:31	23° \approx 56'07		
	-5011 Aug 15 j 08:33	0° \mathfrak{I}			-5008 Feb 22 j 12:23	0° \mathfrak{H}		
asc. node	-5011 Sep 01 j 17:25	20° \mathfrak{I} 15'19			-5008 Mar 19 j 08:34	0° \mathfrak{Y}		
	-5011 Sep 09 j 20:50	0° \mathfrak{G}			-5008 Apr 15 j 13:22	0° \mathfrak{B}		
	-5011 Oct 04 j 10:11	0° \mathfrak{Q}		evening max el	-5008 May 06 j 03:01	20° \mathfrak{B} 49'03	45°30'12	
	-5011 Oct 28 j 14:06	0° \mathfrak{M}			-5008 May 16 j 04:14	0° \mathfrak{I}		
	-5011 Nov 21 j 16:13	0° \mathfrak{L}		desc. node	-5008 Jun 08 j 09:58	16° \mathfrak{I} 29'05		
desc. node	-5011 Dec 15 j 20:16	0° \mathfrak{M}		greatest brilliancy	-5008 Jun 12 j 19:25	18° \mathfrak{I} 25'22	-4.5m	
	-5011 Dec 22 j 17:05	8° \mathfrak{M} 29'43		retrograde	-5008 Jun 24 j 01:35	20° \mathfrak{I} 40'50		
	-5010 Jan 09 j 03:04	0° \mathfrak{A}		evening set	-5008 Jul 10 j 08:36	15° \mathfrak{I} 44'21		
morning set	-5010 Jan 19 j 10:35	12° \mathfrak{A} 42'18		inferior conj	-5008 Jul 15 j 02:18	12° \mathfrak{I} 57'36	-7°-28'-6	
	-5010 Feb 02 j 11:54	0° \mathfrak{Z}		minimum elong	-5008 Jul 14 j 16:34	13° \mathfrak{I} 12'16	7°26'15	
				min. Earth dist.	-5008 Jul 15 j 08:31	12° \mathfrak{I} 48'12	0.27458 AU	
superior conj	-5010 Feb 26 j 17:47	29° \mathfrak{Z} 47'40	-1°-20'-10	morning rise	-5008 Jul 19 j 00:10	10° \mathfrak{I} 37'52		
minimum elong	-5010 Feb 26 j 22:21	0° \approx 01'41	1°20'22	direct	-5008 Aug 05 j 02:09	5° \mathfrak{I} 06'34		
	-5010 Feb 26 j 21:48	0° \approx		greatest brilliancy	-5008 Aug 19 j 02:06	8° \mathfrak{I} 37'30	-4.6m	
max. Earth dist.	-5010 Feb 27 j 07:57	0° \approx 31'13	1.73587 AU		-5008 Sep 16 j 10:29	0° \mathfrak{G}		
	-5010 Mar 23 j 08:16	0° \mathfrak{H}		morning max el	-5008 Sep 24 j 17:11	8° \mathfrak{G} 10'31	46°49'47	
evening rise	-5010 Apr 04 j 06:04	14° \mathfrak{H} 36'41		asc. node	-5008 Sep 29 j 04:47	12° \mathfrak{G} 49'18		
asc. node	-5010 Apr 14 j 08:19	26° \mathfrak{H} 59'25			-5008 Oct 14 j 22:30	0° \mathfrak{Q}		
	-5010 Apr 16 j 19:15	0° \mathfrak{Y}			-5008 Nov 09 j 18:31	0° \mathfrak{M}		
greatest brilliancy	-5010 Apr 21 j 14:08	5° \mathfrak{Y} 51'59	-3.9m		-5008 Dec 04 j 18:45	0° \mathfrak{L}		
	-5010 May 11 j 06:57	0° \mathfrak{B}			-5008 Dec 29 j 13:22	0° \mathfrak{M}		
	-5010 Jun 04 j 19:55	0° \mathfrak{I}		desc. node	-5007 Jan 19 j 05:17	25° \mathfrak{M} 03'46		
	-5010 Jun 29 j 11:29	0° \mathfrak{G}			-5007 Jan 23 j 06:56	0° \mathfrak{A}		
	-5010 Jul 24 j 08:24	0° \mathfrak{Q}			-5007 Feb 16 j 23:57	0° \mathfrak{Z}		
desc. node	-5010 Aug 04 j 06:47	13° \mathfrak{Q} 02'46			-5007 Mar 13 j 15:33	0° \approx		
	-5010 Aug 18 j 15:53	0° \mathfrak{M}		morning set	-5007 Mar 30 j 01:23	20° \approx 01'59		
	-5010 Sep 13 j 21:40	0° \mathfrak{L}			-5007 Apr 07 j 04:52	0° \mathfrak{H}		
evening max el	-5010 Oct 02 j 20:02	20° \mathfrak{L} 15'21	47°34'34	max. Earth dist.	-5007 May 01 j 12:40	29° \mathfrak{H} 51'43	1.73469 AU	
	-5010 Oct 12 j 17:23	0° \mathfrak{M}			-5007 May 01 j 15:22	0° \mathfrak{Y}		
greatest brilliancy	-5010 Nov 09 j 11:27	20° \mathfrak{M} 53'25	-4.7m					
retrograde	-5010 Nov 22 j 23:14	24° \mathfrak{M} 17'42		superior conj	-5007 May 04 j 19:08	3° \mathfrak{Y} 53'16	0°-16'-27	
asc. node	-5010 Nov 25 j 00:52	24° \mathfrak{M} 12'20		minimum elong	-5007 May 04 j 22:17	4° \mathfrak{Y} 02'58	0°16'20	
evening set	-5010 Dec 07 j 23:23	19° \mathfrak{M} 42'20		asc. node	-5007 May 11 j 21:03	12° \mathfrak{Y} 36'49		
min. Earth dist.	-5010 Dec 12 j 18:23	16° \mathfrak{M} 47'03	0.27556 AU		-5007 May 25 j 22:51	0° \mathfrak{B}		
inferior conj	-5010 Dec 13 j 20:27	16° \mathfrak{M} 05'39	4°25'07	evening rise	-5007 Jun 09 j 09:17	17° \mathfrak{B} 52'57		
minimum elong	-5010 Dec 13 j 12:17	16° \mathfrak{M} 18'37	4°22'48		-5007 Jun 19 j 03:39	0° \mathfrak{I}		
morning rise	-5010 Dec 19 j 02:09	12° \mathfrak{M} 53'22			-5007 Jul 13 j 06:53	0° \mathfrak{G}		
direct	-5009 Jan 03 j 13:09	8° \mathfrak{M} 09'52			-5007 Aug 06 j 10:26	0° \mathfrak{Q}		
greatest brilliancy	-5009 Jan 14 j 02:21	10° \mathfrak{M} 13'49	-4.6m		-5007 Aug 30 j 16:30	0° \mathfrak{M}		

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-5007 Aug 31 j 18:58	1° \mathbb{M} 21'32		desc. node	-5004 Feb 16 j 17:06	12° \mathbb{X} 26'34	
	-5007 Sep 24 j 03:39	0° \mathbb{A}			-5004 Mar 02 j 15:27	0° \mathbb{B}	
	-5007 Oct 18 j 23:52	0° \mathbb{M}			-5004 Mar 27 j 21:13	0° \approx	
	-5007 Nov 13 j 14:40	0° \mathbb{X}			-5004 Apr 21 j 19:33	0° \mathbb{H}	
	-5007 Dec 11 j 04:30	0° \mathbb{B}			-5004 May 16 j 10:49	0° \mathbb{Y}	
evening max el	-5007 Dec 12 j 11:44	1° \mathbb{B} 18'54	46°19'10	morning set	-5004 Jun 04 j 17:05	23° \mathbb{Y} 42'00	
asc. node	-5007 Dec 22 j 12:15	10° \mathbb{B} 59'32		asc. node	-5004 Jun 08 j 09:32	28° \mathbb{Y} 15'25	
greatest brilliancy	-5006 Jan 16 j 06:40	29° \mathbb{B} 25'22	-4.5m		-5004 Jun 09 j 19:20	0° \mathbb{B}	
	-5006 Jan 17 j 10:57	0° \approx			-5004 Jul 03 j 21:57	0° \mathbb{H}	
retrograde	-5006 Jan 31 j 10:18	3° \approx 32'37		max. Earth dist.	-5004 Jul 07 j 02:15	3° \mathbb{H} 58'27	1.71891 AU
	-5006 Feb 13 j 16:31	30° \mathbb{R} \mathbb{B}					
evening set	-5006 Feb 18 j 04:18	27° \mathbb{B} 27'14		superior conj	-5004 Jul 11 j 08:00	9° \mathbb{H} 16'47	1°06'59
inferior conj	-5006 Feb 21 j 20:32	25° \mathbb{B} 08'14	8°05'23	minimum elong	-5004 Jul 10 j 23:15	8° \mathbb{H} 49'24	1°06'58
minimum elong	-5006 Feb 21 j 23:26	25° \mathbb{B} 03'35	8°04'59		-5004 Jul 27 j 20:22	0° \mathbb{B}	
min. Earth dist.	-5006 Feb 21 j 20:53	25° \mathbb{B} 07'40	0.29359 AU	evening rise	-5004 Aug 18 j 06:22	26° \mathbb{B} 55'36	
morning rise	-5006 Feb 25 j 18:41	22° \mathbb{B} 40'07			-5004 Aug 20 j 17:00	0° \mathbb{Q}	
direct	-5006 Mar 15 j 11:24	16° \mathbb{B} 41'27			-5004 Sep 13 j 14:16	0° \mathbb{M}	
greatest brilliancy	-5006 Mar 28 j 01:15	19° \mathbb{B} 28'25	-4.5m	desc. node	-5004 Sep 28 j 07:31	18° \mathbb{M} 25'44	
desc. node	-5006 Apr 13 j 13:40	29° \mathbb{B} 23'15			-5004 Oct 07 j 14:01	0° \mathbb{A}	
	-5006 Apr 14 j 09:08	0° \approx			-5004 Oct 31 j 17:45	0° \mathbb{M}	
morning max el	-5006 May 03 j 07:58	16° \approx 25'43	45°51'31		-5004 Nov 25 j 03:31	0° \mathbb{X}	
	-5006 May 16 j 23:00	0° \mathbb{H}			-5004 Dec 19 j 23:54	0° \mathbb{B}	
	-5006 Jun 13 j 12:53	0° \mathbb{Y}			-5003 Jan 14 j 16:52	0° \approx	
	-5006 Jul 09 j 08:28	0° \mathbb{B}		asc. node	-5003 Jan 18 j 23:38	4° \approx 50'37	
	-5006 Aug 03 j 04:26	0° \mathbb{H}			-5003 Feb 11 j 06:46	0° \mathbb{H}	
asc. node	-5006 Aug 04 j 07:49	1° \mathbb{H} 23'56		evening max el	-5003 Feb 21 j 11:27	10° \mathbb{H} 07'50	45°09'16
	-5006 Aug 27 j 09:44	0° \mathbb{B}			-5003 Mar 17 j 05:57	0° \mathbb{Y}	
	-5006 Sep 20 j 07:04	0° \mathbb{Q}		greatest brilliancy	-5003 Mar 27 j 16:51	5° \mathbb{Y} 58'11	-4.5m
	-5006 Oct 14 j 01:56	0° \mathbb{M}		retrograde	-5003 Apr 10 j 14:03	9° \mathbb{Y} 17'38	
morning set	-5006 Nov 01 j 13:50	23° \mathbb{M} 17'05		evening set	-5003 Apr 25 j 20:46	4° \mathbb{Y} 52'19	
	-5006 Nov 06 j 22:09	0° \mathbb{A}		inferior conj	-5003 May 01 j 23:31	1° \mathbb{Y} 14'20	2°03'56
desc. node	-5006 Nov 24 j 06:40	21° \mathbb{A} 44'12		minimum elong	-5003 May 02 j 03:54	1° \mathbb{Y} 07'32	2°02'42
	-5006 Nov 30 j 21:31	0° \mathbb{M}		min. Earth dist.	-5003 May 02 j 18:37	0° \mathbb{Y} 44'41	0.28834 AU
					-5003 May 03 j 23:34	30° \mathbb{R} \mathbb{H}	
superior conj	-5006 Dec 13 j 19:30	16° \mathbb{M} 05'28	0°-43'-1	morning rise	-5003 May 08 j 10:24	27° \mathbb{H} 23'39	
minimum elong	-5006 Dec 13 j 09:40	15° \mathbb{M} 34'52	0°42'48	desc. node	-5003 May 11 j 00:49	26° \mathbb{H} 03'49	
max. Earth dist.	-5006 Dec 18 j 08:09	21° \mathbb{M} 43'12	1.72160 AU	direct	-5003 May 23 j 19:03	22° \mathbb{H} 55'31	
	-5006 Dec 25 j 00:13	0° \mathbb{X}		greatest brilliancy	-5003 Jun 07 j 10:17	26° \mathbb{H} 38'37	-4.5m
	-5005 Jan 18 j 05:58	0° \mathbb{B}			-5003 Jun 13 j 13:15	0° \mathbb{Y}	
evening rise	-5005 Jan 22 j 21:56	5° \mathbb{B} 45'18		morning max el	-5003 Jul 12 j 08:42	23° \mathbb{Y} 50'23	46°18'40
	-5005 Feb 11 j 14:56	0° \approx			-5003 Jul 18 j 12:15	0° \mathbb{B}	
	-5005 Mar 08 j 04:01	0° \mathbb{H}			-5003 Aug 14 j 23:56	0° \mathbb{H}	
asc. node	-5005 Mar 16 j 21:54	10° \mathbb{H} 37'39		asc. node	-5003 Aug 31 j 19:38	19° \mathbb{H} 40'20	
	-5005 Apr 01 j 22:38	0° \mathbb{Y}			-5003 Sep 09 j 10:20	0° \mathbb{B}	
	-5005 Apr 27 j 00:42	0° \mathbb{B}			-5003 Oct 03 j 22:46	0° \mathbb{Q}	
	-5005 May 22 j 13:28	0° \mathbb{H}			-5003 Oct 28 j 02:08	0° \mathbb{M}	
	-5005 Jun 17 j 20:49	0° \mathbb{B}			-5003 Nov 21 j 03:53	0° \mathbb{A}	
desc. node	-5005 Jul 06 j 21:13	20° \mathbb{B} 40'06			-5003 Dec 15 j 07:38	0° \mathbb{M}	
	-5005 Jul 15 j 22:05	0° \mathbb{Q}		desc. node	-5003 Dec 21 j 19:07	8° \mathbb{M} 01'09	
evening max el	-5005 Jul 19 j 18:40	3° \mathbb{Q} 50'50	47°00'22		-5002 Jan 08 j 14:11	0° \mathbb{X}	
	-5005 Aug 20 j 10:30	0° \mathbb{M}		morning set	-5002 Jan 17 j 00:23	10° \mathbb{X} 23'04	
greatest brilliancy	-5005 Aug 28 j 12:26	3° \mathbb{M} 55'39	-4.7m		-5002 Feb 01 j 22:50	0° \mathbb{B}	
retrograde	-5005 Sep 08 j 02:54	6° \mathbb{M} 01'21					
evening set	-5005 Sep 24 j 10:08	0° \mathbb{M} 50'52		superior conj	-5002 Feb 24 j 11:06	27° \mathbb{B} 40'13	-1°-20'-57
	-5005 Sep 25 j 21:00	30° \mathbb{R} \mathbb{Q}		minimum elong	-5002 Feb 24 j 15:04	27° \mathbb{B} 52'23	1°21'10
inferior conj	-5005 Sep 28 j 16:17	28° \mathbb{Q} 18'30	-6°-38'-30	max. Earth dist.	-5002 Feb 25 j 04:56	28° \mathbb{B} 34'57	1.73561 AU
minimum elong	-5005 Sep 29 j 03:03	28° \mathbb{Q} 02'08	6°35'59		-5002 Feb 26 j 08:38	0° \approx	
min. Earth dist.	-5005 Sep 28 j 18:46	28° \mathbb{Q} 14'44	0.26458 AU		-5002 Mar 22 j 19:06	0° \mathbb{H}	
morning rise	-5005 Oct 03 j 20:00	25° \mathbb{Q} 16'31		evening rise	-5002 Apr 02 j 01:01	12° \mathbb{H} 34'11	
direct	-5005 Oct 18 j 22:52	20° \mathbb{Q} 43'49		asc. node	-5002 Apr 13 j 10:31	26° \mathbb{H} 32'37	
asc. node	-5005 Oct 27 j 15:50	22° \mathbb{Q} 12'36			-5002 Apr 16 j 06:13	0° \mathbb{Y}	
greatest brilliancy	-5005 Oct 31 j 01:04	23° \mathbb{Q} 30'04	-4.7m		-5002 May 10 j 18:12	0° \mathbb{B}	
	-5005 Nov 11 j 07:48	0° \mathbb{M}			-5002 Jun 04 j 07:36	0° \mathbb{H}	
morning max el	-5005 Dec 08 j 09:47	23° \mathbb{M} 52'55	46°37'04		-5002 Jun 28 j 23:49	0° \mathbb{B}	
	-5005 Dec 14 j 09:06	0° \mathbb{A}			-5002 Jul 23 j 21:43	0° \mathbb{Q}	
	-5004 Jan 10 j 20:54	0° \mathbb{M}		desc. node	-5002 Aug 03 j 08:52	12° \mathbb{Q} 27'41	
	-5004 Feb 06 j 00:57	0° \mathbb{X}			-5002 Aug 18 j 06:46	0° \mathbb{M}	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-5002 Sep 13 j 15:43	0°♄				-4999 Apr 06 j 15:51	0°♁	
evening max el	-5002 Sep 30 j 10:25	17°♄51'47	47°35'32	max. Earth dist.		-4999 Apr 29 j 12:57	28°♁05'05	1.73502 AU
	-5002 Oct 12 j 21:21	0°♄				-4999 May 01 j 02:18	0°♁	
greatest brilliancy	-5002 Nov 07 j 06:11	18°♄35'41	-4.7m					
retrograde	-5002 Nov 20 j 13:56	21°♄55'43		superior conj		-4999 May 02 j 14:29	1°♁51'21	0°-19'-23
asc. node	-5002 Nov 24 j 03:04	21°♄39'55		minimum elong		-4999 May 02 j 18:10	2°♁02'42	0°19'14
evening set	-5002 Dec 05 j 12:35	17°♄23'34		asc. node		-4999 May 10 j 23:08	12°♁09'30	
min. Earth dist.	-5002 Dec 10 j 09:47	14°♄25'24	0.27476 AU			-4999 May 25 j 09:52	0°♁	
inferior conj	-5002 Dec 11 j 11:11	13°♄45'05	4°06'43	evening rise		-4999 Jun 07 j 04:27	15°♁49'08	
minimum elong	-5002 Dec 11 j 03:24	13°♄57'26	4°04'29			-4999 Jun 18 j 14:51	0°♁	
morning rise	-5002 Dec 16 j 19:08	10°♄29'34				-4999 Jul 12 j 18:22	0°♁	
direct	-5001 Jan 01 j 02:31	5°♄50'35				-4999 Aug 05 j 22:17	0°♁	
greatest brilliancy	-5001 Jan 11 j 16:56	7°♄55'18	-4.6m			-4999 Aug 30 j 04:50	0°♁	
	-5001 Feb 12 j 09:04	0°♁		desc. node		-4999 Aug 30 j 21:11	0°♁50'20	
morning max el	-5001 Feb 19 j 01:58	6°♁16'26	46°01'26			-4999 Sep 23 j 16:36	0°♁	
	-5001 Mar 14 j 08:02	0°♁				-4999 Oct 18 j 13:49	0°♄	
desc. node	-5001 Mar 16 j 04:44	1°♁59'44				-4999 Nov 13 j 06:37	0°♁	
	-5001 Apr 10 j 11:56	0°♁		evening max el		-4999 Dec 10 j 04:04	29°♁04'44	46°22'27
	-5001 May 06 j 11:18	0°♁				-4999 Dec 11 j 02:05	0°♁	
	-5001 May 31 j 16:52	0°♁		asc. node		-4999 Dec 21 j 14:18	10°♁03'08	
	-5001 Jun 25 j 09:05	0°♁		greatest brilliancy		-4998 Jan 13 j 23:49	27°♁15'38	-4.5m
asc. node	-5001 Jul 06 j 21:52	14°♁12'52				-4998 Jan 20 j 14:56	0°♁	
	-5001 Jul 19 j 14:49	0°♁		retrograde		-4998 Jan 29 j 04:10	1°♁23'30	
greatest brilliancy	-5001 Aug 05 j 13:54	21°♁14'10	-3.9m			-4998 Feb 06 j 09:15	30°♁	
	-5001 Aug 12 j 13:07	0°♁		evening set		-4998 Feb 15 j 21:54	25°♁16'55	
morning set	-5001 Aug 14 j 22:42	3°♁01'22		inferior conj		-4998 Feb 19 j 13:34	22°♁58'40	8°08'28
	-5001 Sep 05 j 07:30	0°♁		minimum elong		-4998 Feb 19 j 15:51	22°♁55'02	8°08'08
				min. Earth dist.		-4998 Feb 19 j 12:12	23°♁00'52	0.29332 AU
superior conj	-5001 Sep 23 j 17:30	23°♁16'18	1°06'49	morning rise		-4998 Feb 23 j 09:56	20°♁33'24	
minimum elong	-5001 Sep 24 j 04:30	23°♁51'01	1°06'40	direct		-4998 Mar 13 j 04:15	14°♁32'26	
max. Earth dist.	-5001 Sep 26 j 00:54	26°♁11'09	1.70835 AU	greatest brilliancy		-4998 Mar 25 j 14:58	17°♁16'52	-4.5m
	-5001 Sep 29 j 01:26	0°♁		desc. node		-4998 Apr 12 j 15:47	28°♁18'21	
	-5001 Oct 22 j 21:26	0°♁				-4998 Apr 14 j 19:40	0°♁	
desc. node	-5001 Oct 26 j 20:09	4°♁57'12		morning max el		-4998 May 01 j 01:11	14°♁18'52	45°51'14
evening rise	-5001 Nov 05 j 07:52	16°♁50'17				-4998 May 16 j 17:15	0°♁	
	-5001 Nov 15 j 20:40	0°♄				-4998 Jun 13 j 03:23	0°♁	
	-5001 Dec 09 j 23:40	0°♁				-4998 Jul 08 j 21:25	0°♁	
	-5000 Jan 03 j 07:25	0°♁				-4998 Aug 02 j 16:39	0°♁	
	-5000 Jan 27 j 22:23	0°♁		asc. node		-4998 Aug 03 j 10:02	0°♁53'21	
asc. node	-5000 Feb 16 j 11:45	23°♁25'49				-4998 Aug 26 j 21:35	0°♁	
	-5000 Feb 22 j 01:01	0°♁				-4998 Sep 19 j 18:44	0°♁	
	-5000 Mar 18 j 22:44	0°♁				-4998 Oct 13 j 13:30	0°♁	
evening max el	-5000 Apr 15 j 07:08	0°♁		morning set		-4998 Oct 29 j 23:32	20°♁40'38	
	-5000 May 03 j 16:53	18°♁31'40	45°27'54			-4998 Nov 06 j 09:37	0°♁	
	-5000 May 16 j 10:44	0°♁		desc. node		-4998 Nov 23 j 08:41	21°♁14'56	
desc. node	-5000 Jun 07 j 12:03	14°♁52'39				-4998 Nov 30 j 08:53	0°♄	
greatest brilliancy	-5000 Jun 10 j 05:10	16°♁01'22	-4.5m					
retrograde	-5000 Jun 21 j 14:54	18°♁20'14		superior conj		-4998 Dec 11 j 05:45	13°♄32'46	0°-39'-41
evening set	-5000 Jul 07 j 17:58	13°♁28'23		minimum elong		-4998 Dec 10 j 20:24	13°♄03'38	0°39'29
inferior conj	-5000 Jul 12 j 15:40	10°♁36'17	-7°-15'-1	max. Earth dist.		-4998 Dec 15 j 22:16	19°♄22'42	1.72102 AU
minimum elong	-5000 Jul 12 j 05:38	10°♁51'22	7°13'02			-4998 Dec 24 j 11:31	0°♁	
min. Earth dist.	-5000 Jul 12 j 21:59	10°♁26'46	0.27505 AU			-4997 Jan 17 j 17:15	0°♁	
morning rise	-5000 Jul 16 j 16:56	8°♁11'53		evening rise		-4997 Jan 20 j 12:08	3°♁26'21	
direct	-5000 Aug 02 j 16:21	2°♁44'09				-4997 Feb 11 j 02:16	0°♁	
greatest brilliancy	-5000 Aug 16 j 18:47	6°♁18'14	-4.6m			-4997 Mar 07 j 15:32	0°♁	
	-5000 Sep 16 j 12:29	0°♁		asc. node		-4997 Mar 16 j 00:08	10°♁09'08	
morning max el	-5000 Sep 22 j 07:35	5°♁46'43	46°49'24			-4997 Apr 01 j 10:33	0°♁	
asc. node	-5000 Sep 28 j 07:01	11°♁59'43				-4997 Apr 26 j 13:21	0°♁	
	-5000 Oct 14 j 15:58	0°♁				-4997 May 22 j 03:27	0°♁	
	-5000 Nov 09 j 09:11	0°♁				-4997 Jun 17 j 13:22	0°♁	
	-5000 Dec 04 j 08:05	0°♁		desc. node		-4997 Jul 05 j 23:18	19°♁52'48	
	-5000 Dec 29 j 01:52	0°♄				-4997 Jul 15 j 21:08	0°♁	
desc. node	-4999 Jan 18 j 07:18	24°♄33'30		evening max el		-4997 Jul 17 j 08:37	1°♁27'43	46°57'13
	-4999 Jan 22 j 18:51	0°♁				-4997 Aug 22 j 16:03	0°♁	
	-4999 Feb 16 j 11:26	0°♁		greatest brilliancy		-4997 Aug 26 j 01:32	1°♁26'00	-4.7m
	-4999 Mar 13 j 02:43	0°♁		retrograde		-4997 Sep 05 j 15:00	3°♁29'54	
morning set	-4999 Mar 27 j 20:07	17°♁58'46				-4997 Sep 18 j 20:20	30°♁	

Planetary Phenomena of Venus from -5400 through -4900 (UT), Astrodienst AG 7-Dez-2017 14:33, page 82

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening set	-4997 Sep 22 j 01:36	28° Ω 15'11		minimum elong	-4994 Feb 22 j 07:13	25° \mathfrak{Z} 40'41	1°21'51
inferior conj	-4997 Sep 26 j 04:17	25° Ω 47'38	-6°-54'-44	max. Earth dist.	-4994 Feb 22 j 23:49	26° \mathfrak{Z} 31'40	1.73531 AU
minimum elong	-4997 Sep 26 j 14:59	25° Ω 31'21	6°52'20		-4994 Feb 25 j 19:39	0° \approx	
min. Earth dist.	-4997 Sep 26 j 07:17	25° Ω 43'03	0.26473 AU		-4994 Mar 22 j 06:06	0° \mathfrak{H}	
morning rise	-4997 Oct 01 j 04:23	22° Ω 50'33		evening rise	-4994 Mar 30 j 19:34	10° \mathfrak{H} 29'59	
direct	-4997 Oct 16 j 11:33	18° Ω 13'10		asc. node	-4994 Apr 12 j 12:35	26° \mathfrak{H} 04'49	
asc. node	-4997 Oct 26 j 18:00	20° Ω 14'52			-4994 Apr 15 j 17:21	0° Υ	
greatest brilliancy	-4997 Oct 28 j 13:51	20° Ω 59'25	-4.7m		-4994 May 10 j 05:38	0° \mathfrak{B}	
	-4997 Nov 12 j 06:31	0° \mathfrak{M}			-4994 Jun 03 j 19:29	0° Π	
morning max el	-4997 Dec 05 j 22:59	21° \mathfrak{M} 25'59	46°38'05		-4994 Jun 28 j 12:20	0° \mathfrak{E}	
	-4997 Dec 14 j 06:08	0° \mathfrak{L}			-4994 Jul 23 j 11:09	0° Ω	
	-4996 Jan 10 j 12:54	0° \mathfrak{M}		desc. node	-4994 Aug 02 j 11:08	11° Ω 52'55	
	-4996 Feb 05 j 14:46	0° \mathfrak{J}			-4994 Aug 17 j 21:49	0° \mathfrak{M}	
desc. node	-4996 Feb 15 j 19:22	11° \mathfrak{J} 54'21			-4994 Sep 13 j 10:06	0° \mathfrak{L}	
	-4996 Mar 02 j 04:05	0° \mathfrak{Z}		evening max el	-4994 Sep 28 j 00:18	15° \mathfrak{L} 27'17	47°36'26
	-4996 Mar 27 j 09:09	0° \approx			-4994 Oct 13 j 03:03	0° \mathfrak{M}	
	-4996 Apr 21 j 07:02	0° \mathfrak{H}		greatest brilliancy	-4994 Nov 04 j 23:42	16° \mathfrak{M} 16'14	-4.7m
	-4996 May 15 j 22:02	0° Υ		retrograde	-4994 Nov 18 j 04:37	19° \mathfrak{M} 33'39	
morning set	-4996 Jun 02 j 11:27	21° Υ 36'11		asc. node	-4994 Nov 23 j 05:09	19° \mathfrak{M} 01'48	
asc. node	-4996 Jun 07 j 11:38	27° Υ 47'35		evening set	-4994 Dec 03 j 01:49	15° \mathfrak{M} 03'59	
	-4996 Jun 09 j 06:25	0° \mathfrak{B}		min. Earth dist.	-4994 Dec 08 j 01:06	12° \mathfrak{M} 03'20	0.27405 AU
	-4996 Jul 03 j 09:02	0° Π		inferior conj	-4994 Dec 09 j 01:51	11° \mathfrak{M} 24'07	3°47'46
max. Earth dist.	-4996 Jul 04 j 15:27	1° Π 35'00	1.71953 AU	minimum elong	-4994 Dec 08 j 18:30	11° \mathfrak{M} 35'47	3°45'35
				morning rise	-4994 Dec 14 j 12:01	8° \mathfrak{M} 05'37	
superior conj	-4996 Jul 09 j 00:48	7° Π 04'24	1°04'58	direct	-4994 Dec 29 j 15:42	3° \mathfrak{M} 30'34	
minimum elong	-4996 Jul 08 j 15:56	6° Π 36'39	1°04'56	greatest brilliancy	-4993 Jan 09 j 08:10	5° \mathfrak{M} 36'58	-4.6m
	-4996 Jul 27 j 07:34	0° \mathfrak{E}			-4993 Feb 12 j 10:55	0° \mathfrak{J}	
evening rise	-4996 Aug 15 j 19:25	24° \mathfrak{E} 30'09		morning max el	-4993 Feb 16 j 16:21	3° \mathfrak{J} 59'50	46°02'26
	-4996 Aug 20 j 04:21	0° Ω			-4993 Mar 14 j 00:55	0° \mathfrak{Z}	
	-4996 Sep 13 j 01:48	0° \mathfrak{M}		desc. node	-4993 Mar 15 j 06:49	1° \mathfrak{Z} 20'33	
desc. node	-4996 Sep 27 j 09:37	17° \mathfrak{M} 55'48			-4993 Apr 10 j 01:52	0° \approx	
	-4996 Oct 07 j 01:47	0° \mathfrak{L}			-4993 May 05 j 23:50	0° \mathfrak{H}	
	-4996 Oct 31 j 05:48	0° \mathfrak{M}			-4993 May 31 j 04:41	0° Υ	
	-4996 Nov 24 j 16:00	0° \mathfrak{J}			-4993 Jun 24 j 20:31	0° \mathfrak{B}	
	-4996 Dec 19 j 13:09	0° \mathfrak{Z}		asc. node	-4993 Jul 06 j 00:03	13° \mathfrak{B} 44'36	
	-4995 Jan 14 j 07:49	0° \approx			-4993 Jul 19 j 02:04	0° Π	
asc. node	-4995 Jan 18 j 01:55	4° \approx 13'54		greatest brilliancy	-4993 Aug 05 j 22:24	22° Π 21'09	-3.9m
	-4995 Feb 11 j 02:15	0° \mathfrak{H}			-4993 Aug 12 j 00:17	0° \mathfrak{E}	
evening max el	-4995 Feb 19 j 02:12	7° \mathfrak{H} 54'02	45°10'19	morning set	-4993 Aug 12 j 12:10	0° \mathfrak{E} 37'25	
	-4995 Mar 18 j 06:13	0° Υ			-4993 Sep 04 j 18:40	0° Ω	
greatest brilliancy	-4995 Mar 25 j 07:27	3° Υ 47'19	-4.5m				
retrograde	-4995 Apr 08 j 05:23	7° Υ 08'31		superior conj	-4993 Sep 21 j 03:52	20° Ω 42'13	1°09'06
evening set	-4995 Apr 23 j 14:31	2° Υ 40'25		minimum elong	-4993 Sep 21 j 14:30	21° Ω 15'46	1°08'59
	-4995 Apr 28 j 03:53	30° \mathfrak{R}		max. Earth dist.	-4993 Sep 23 j 05:37	23° Ω 19'16	1.70827 AU
inferior conj	-4995 Apr 29 j 15:40	29° \mathfrak{H} 04'33	2°22'41		-4993 Sep 28 j 12:36	0° \mathfrak{M}	
minimum elong	-4995 Apr 29 j 20:39	28° \mathfrak{H} 56'49	2°21'17		-4993 Oct 22 j 08:37	0° \mathfrak{L}	
min. Earth dist.	-4995 Apr 30 j 11:26	28° \mathfrak{H} 33'50	0.28876 AU	desc. node	-4993 Oct 25 j 22:11	4° \mathfrak{L} 28'27	
morning rise	-4995 May 06 j 02:04	25° \mathfrak{H} 13'53		evening rise	-4993 Nov 02 j 16:39	14° \mathfrak{L} 12'34	
desc. node	-4995 May 10 j 02:55	23° \mathfrak{H} 14'34			-4993 Nov 15 j 07:54	0° \mathfrak{M}	
direct	-4995 May 21 j 10:56	20° \mathfrak{H} 44'49			-4993 Dec 09 j 10:59	0° \mathfrak{J}	
greatest brilliancy	-4995 Jun 05 j 01:44	24° \mathfrak{H} 26'27	-4.5m		-4992 Jan 02 j 18:55	0° \mathfrak{Z}	
	-4995 Jun 14 j 14:40	0° Υ			-4992 Jan 27 j 10:16	0° \approx	
morning max el	-4995 Jul 09 j 23:20	21° Υ 33'35	46°17'34	asc. node	-4992 Feb 15 j 13:55	22° \approx 55'16	
	-4995 Jul 18 j 08:17	0° \mathfrak{B}			-4992 Feb 21 j 13:42	0° \mathfrak{H}	
	-4995 Aug 14 j 15:14	0° Π			-4992 Mar 18 j 13:04	0° Υ	
asc. node	-4995 Aug 30 j 21:52	19° Π 05'22			-4992 Apr 15 j 01:18	0° \mathfrak{B}	
	-4995 Sep 08 j 23:50	0° \mathfrak{E}		evening max el	-4992 May 01 j 07:32	16° \mathfrak{B} 16'23	45°25'47
	-4995 Oct 03 j 11:22	0° Ω			-4992 May 16 j 19:40	0° Π	
	-4995 Oct 27 j 14:14	0° \mathfrak{M}		desc. node	-4992 Jun 06 j 14:10	13° Π 12'52	
	-4995 Nov 20 j 15:39	0° \mathfrak{L}		greatest brilliancy	-4992 Jun 07 j 14:33	13° Π 37'23	-4.5m
	-4995 Dec 14 j 19:10	0° \mathfrak{M}		retrograde	-4992 Jun 19 j 04:26	15° Π 59'44	
desc. node	-4995 Dec 20 j 21:12	7° \mathfrak{M} 32'06		evening set	-4992 Jul 05 j 03:25	11° Π 12'34	
	-4994 Jan 08 j 01:32	0° \mathfrak{J}		inferior conj	-4992 Jul 10 j 04:55	8° Π 15'05	-7°-1'-13
morning set	-4994 Jan 14 j 13:28	8° \mathfrak{J} 00'48		minimum elong	-4992 Jul 10 j 18:41	8° Π 30'30	6°59'06
	-4994 Feb 01 j 10:00	0° \mathfrak{Z}		min. Earth dist.	-4992 Jul 10 j 11:05	8° Π 05'49	0.27548 AU
				morning rise	-4992 Jul 14 j 09:35	5° Π 46'00	
superior conj	-4994 Feb 22 j 03:53	25° \mathfrak{Z} 30'26	-1°-21'-36	direct	-4992 Jul 31 j 06:55	0° Π 22'05	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-4992 Aug 14 j 10:28	3° II 58'03	-4.6m		-4989 Mar 31 j 22:06	0° Y	
	-4992 Sep 16 j 13:04	0° S			-4989 Apr 26 j 01:42	0° B	
morning max el	-4992 Sep 19 j 22:30	3° S 24'51	46°49'02		-4989 May 21 j 17:15	0° II	
asc. node	-4992 Sep 27 j 09:04	11° S 10'54			-4989 Jun 17 j 05:56	0° S	
	-4992 Oct 14 j 08:54	0° Q		desc. node	-4989 Jul 05 j 01:34	19° S 06'07	
	-4992 Nov 08 j 23:29	0° M		evening max el	-4989 Jul 14 j 21:52	29° S 03'43	46°54'00
	-4992 Dec 03 j 21:03	0° A			-4989 Jul 15 j 20:51	0° Q	
	-4992 Dec 28 j 14:01	0° M		greatest brilliancy	-4989 Aug 23 j 15:19	28° Q 58'05	-4.7m
desc. node	-4991 Jan 17 j 09:33	24° M 04'53			-4989 Aug 26 j 20:58	0° M	
	-4991 Jan 22 j 06:27	0° X		retrograde	-4989 Sep 03 j 02:26	0° M 59'24	
	-4991 Feb 15 j 22:38	0° S			-4989 Sep 10 j 02:07	30° R Q	
	-4991 Mar 12 j 13:40	0° \approx		evening set	-4989 Sep 19 j 17:01	25° Q 40'32	
morning set	-4991 Mar 25 j 14:40	15° \approx 55'28		inferior conj	-4989 Sep 23 j 16:15	23° Q 17'54	-7°-10'-2
	-4991 Apr 06 j 02:40	0° H		minimum elong	-4989 Sep 24 j 02:47	23° Q 01'51	7°07'49
max. Earth dist.	-4991 Apr 27 j 12:12	26° H 15'46	1.73533 AU	min. Earth dist.	-4989 Sep 23 j 20:04	23° Q 12'04	0.26489 AU
				morning rise	-4989 Sep 28 j 12:32	20° Q 25'53	
superior conj	-4991 Apr 30 j 09:32	29° H 49'04	0°-22'-19	direct	-4989 Oct 13 j 23:43	15° Q 43'27	
minimum elong	-4991 Apr 30 j 13:44	0° Y 02'01	0°22'09	asc. node	-4989 Oct 25 j 20:11	18° Q 22'49	
	-4991 Apr 30 j 13:05	0° Y		greatest brilliancy	-4989 Oct 26 j 03:25	18° Q 30'36	-4.7m
asc. node	-4991 May 10 j 01:13	11° Y 42'43			-4989 Nov 12 j 22:57	0° M	
	-4991 May 24 j 20:42	0° B		morning max el	-4989 Dec 03 j 11:22	18° M 57'47	46°39'10
evening rise	-4991 Jun 04 j 23:19	13° B 45'04			-4989 Dec 14 j 02:07	0° A	
	-4991 Jun 18 j 01:52	0° II			-4988 Jan 10 j 04:15	0° M	
	-4991 Jul 12 j 05:40	0° S			-4988 Feb 05 j 04:04	0° X	
	-4991 Aug 05 j 09:57	0° Q		desc. node	-4988 Feb 14 j 21:24	11° X 22'51	
desc. node	-4991 Aug 29 j 23:14	0° M 19'13			-4988 Mar 01 j 16:14	0° S	
	-4991 Aug 29 j 16:59	0° M			-4988 Mar 26 j 20:36	0° \approx	
	-4991 Sep 23 j 05:23	0° A			-4988 Apr 20 j 18:04	0° H	
	-4991 Oct 18 j 03:36	0° M			-4988 May 15 j 08:50	0° Y	
	-4991 Nov 12 j 22:26	0° X		morning set	-4988 May 31 j 05:53	19° Y 31'43	
evening max el	-4991 Dec 07 j 20:56	26° X 53'06	46°25'48	asc. node	-4988 Jun 06 j 13:51	27° Y 21'12	
	-4991 Dec 10 j 23:56	0° S			-4988 Jun 08 j 17:10	0° B	
asc. node	-4991 Dec 20 j 16:34	9° S 07'26		max. Earth dist.	-4988 Jul 02 j 06:07	29° B 17'12	1.72022 AU
greatest brilliancy	-4990 Jan 11 j 17:55	25° S 08'37	-4.5m		-4988 Jul 02 j 19:50	0° II	
retrograde	-4990 Jan 26 j 21:58	29° S 15'46					
evening set	-4990 Feb 13 j 15:25	23° S 08'40		superior conj	-4988 Jul 06 j 17:34	4° II 52'56	1°02'50
inferior conj	-4990 Feb 17 j 06:45	20° S 50'38	8°10'52	minimum elong	-4988 Jul 06 j 08:39	4° II 25'03	1°02'47
minimum elong	-4990 Feb 17 j 08:22	20° S 48'03	8°10'35		-4988 Jul 26 j 18:28	0° S	
min. Earth dist.	-4990 Feb 17 j 03:36	20° S 55'41	0.29304 AU	evening rise	-4988 Aug 13 j 08:28	22° S 05'41	
morning rise	-4990 Feb 21 j 01:30	18° S 27'45			-4988 Aug 19 j 15:25	0° Q	
direct	-4990 Mar 10 j 21:27	12° S 25'07			-4988 Sep 12 j 13:02	0° M	
greatest brilliancy	-4990 Mar 23 j 03:56	15° S 05'45	-4.5m	desc. node	-4988 Sep 26 j 11:38	17° M 26'34	
desc. node	-4990 Apr 11 j 17:53	27° S 16'13			-4988 Oct 06 j 13:14	0° A	
	-4990 Apr 15 j 02:56	0° \approx			-4988 Oct 30 j 17:33	0° M	
morning max el	-4990 Apr 28 j 18:04	12° \approx 12'09	45°50'44		-4988 Nov 24 j 04:12	0° X	
	-4990 May 16 j 10:46	0° H			-4988 Dec 19 j 02:09	0° S	
	-4990 Jun 12 j 17:28	0° Y			-4987 Jan 13 j 22:31	0° \approx	
	-4990 Jul 08 j 10:03	0° B		asc. node	-4987 Jan 17 j 04:06	3° \approx 37'47	
	-4990 Aug 02 j 04:32	0° II			-4987 Feb 10 j 21:47	0° H	
asc. node	-4990 Aug 02 j 12:16	0° II 23'43		evening max el	-4987 Feb 16 j 16:46	5° H 41'08	45°11'40
	-4990 Aug 26 j 09:06	0° S			-4987 Mar 19 j 14:54	0° Y	
	-4990 Sep 19 j 06:04	0° Q		greatest brilliancy	-4987 Mar 22 j 21:11	1° Y 37'16	-4.5m
	-4990 Oct 13 j 00:44	0° M		retrograde	-4987 Apr 05 j 21:18	5° Y 01'55	
morning set	-4990 Oct 27 j 09:13	18° M 05'04		evening set	-4987 Apr 21 j 08:39	0° Y 30'32	
	-4990 Nov 05 j 20:46	0° A			-4987 Apr 22 j 06:35	30° R H	
desc. node	-4990 Nov 22 j 10:48	20° A 46'56		inferior conj	-4987 Apr 27 j 08:09	26° H 57'01	2°40'50
	-4990 Nov 29 j 19:55	0° M		minimum elong	-4987 Apr 27 j 13:41	26° H 48'25	2°39'18
				min. Earth dist.	-4987 Apr 28 j 04:22	26° H 25'35	0.28921 AU
superior conj	-4990 Dec 08 j 16:02	11° M 01'04	0°-36'-17	morning rise	-4987 May 03 j 17:57	23° H 06'50	
minimum elong	-4990 Dec 08 j 07:14	10° M 33'41	0°36'05	desc. node	-4987 May 09 j 05:03	20° H 31'53	
max. Earth dist.	-4990 Dec 13 j 13:15	17° M 05'53	1.72037 AU	direct	-4987 May 19 j 03:07	18° H 36'17	
	-4990 Dec 23 j 22:26	0° X		greatest brilliancy	-4987 Jun 02 j 18:23	22° H 17'49	-4.5m
	-4989 Jan 17 j 04:07	0° S			-4987 Jun 15 j 08:34	0° Y	
evening rise	-4989 Jan 18 j 02:26	1° S 08'51		morning max el	-4987 Jul 07 j 14:45	19° Y 20'04	46°16'14
	-4989 Feb 10 j 13:11	0° \approx			-4987 Jul 18 j 03:21	0° B	
	-4989 Mar 07 j 02:39	0° H			-4987 Aug 14 j 06:06	0° II	
asc. node	-4989 Mar 15 j 02:11	9° H 41'19		asc. node	-4987 Aug 29 j 23:53	18° II 30'39	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4987 Sep 08 j 13:02	0°☾		evening max el	-4984 Apr 28 j 23:06	14°☾03'51	45°23'50
	-4987 Oct 02 j 23:44	0°♈			-4984 May 17 j 07:17	0°♈	
	-4987 Oct 27 j 02:06	0°♉		greatest brilliancy	-4984 Jun 05 j 01:07	11°♈16'07	-4.5m
	-4987 Nov 20 j 03:11	0°♊		desc. node	-4984 Jun 05 j 16:25	11°♈30'43	
	-4987 Dec 14 j 06:27	0°♋		retrograde	-4984 Jun 16 j 18:12	13°♈40'50	
desc. node	-4987 Dec 19 j 23:23	7°♋04'10		evening set	-4984 Jul 02 j 13:32	8°♈58'27	
	-4986 Jan 07 j 12:36	0°♌		inferior conj	-4984 Jul 07 j 18:36	5°♈55'43	-6°-46'-58
morning set	-4986 Jan 12 j 02:21	5°♌38'35		minimum elong	-4984 Jul 07 j 08:13	6°♈11'22	6°44'43
	-4986 Jan 31 j 20:53	0°♍		min. Earth dist.	-4984 Jul 08 j 00:32	5°♈46'46	0.27589 AU
				morning rise	-4984 Jul 12 j 02:34	3°♈21'51	
superior conj	-4986 Feb 19 j 20:43	23°♍21'37	-1°-22'-9		-4984 Jul 18 j 23:43	30°♈	
minimum elong	-4986 Feb 19 j 23:25	23°♍29'53	1°22'25	direct	-4984 Jul 28 j 22:01	28°♈02'06	
max. Earth dist.	-4986 Feb 20 j 17:34	24°♍25'39	1.73498 AU		-4984 Aug 08 j 04:33	0°♈	
	-4986 Feb 25 j 06:25	0°♎		greatest brilliancy	-4984 Aug 12 j 01:13	1°♈38'00	-4.6m
	-4986 Mar 21 j 16:50	0°♏			-4984 Sep 16 j 12:21	0°♎	
evening rise	-4986 Mar 28 j 14:21	8°♏27'26		morning max el	-4984 Sep 17 j 12:56	1°♎02'20	46°48'15
asc. node	-4986 Apr 11 j 14:43	25°♏38'13		asc. node	-4984 Sep 26 j 11:19	10°♎23'46	
	-4986 Apr 15 j 04:12	0°♐			-4984 Oct 14 j 01:29	0°♏	
	-4986 May 09 j 16:45	0°♑			-4984 Nov 08 j 13:44	0°♐	
	-4986 Jun 03 j 07:04	0°♒			-4984 Dec 03 j 10:07	0°♑	
	-4986 Jun 28 j 00:37	0°♓			-4984 Dec 28 j 02:20	0°♒	
	-4986 Jul 23 j 00:30	0°♈		desc. node	-4983 Jan 16 j 11:35	23°♒35'02	
desc. node	-4986 Aug 01 j 13:09	11°♈17'41			-4983 Jan 21 j 18:12	0°♌	
	-4986 Aug 17 j 12:56	0°♉			-4983 Feb 15 j 09:59	0°♍	
	-4986 Sep 13 j 04:55	0°♊			-4983 Mar 12 j 00:44	0°♎	
evening max el	-4986 Sep 25 j 14:40	13°♊04'04	47°37'12	morning set	-4983 Mar 23 j 08:59	13°♎51'14	
	-4986 Oct 13 j 11:04	0°♋			-4983 Apr 05 j 13:35	0°♏	
greatest brilliancy	-4986 Nov 02 j 16:18	13°♋55'06	-4.7m	max. Earth dist.	-4983 Apr 25 j 10:12	24°♏22'26	1.73558 AU
retrograde	-4986 Nov 15 j 19:27	17°♋10'54					
asc. node	-4986 Nov 22 j 07:24	16°♋17'21		superior conj	-4983 Apr 28 j 04:36	27°♏46'37	0°-25'-12
evening set	-4986 Nov 30 j 14:56	12°♋43'17		minimum elong	-4983 Apr 28 j 09:19	28°♏01'06	0°25'03
min. Earth dist.	-4986 Dec 05 j 15:59	9°♋40'40	0.27332 AU		-4983 Apr 29 j 23:57	0°♐	
inferior conj	-4986 Dec 06 j 16:14	9°♋02'22	3°28'14	asc. node	-4983 May 09 j 03:26	11°♐15'58	
minimum elong	-4986 Dec 06 j 09:21	9°♋13'14	3°26'08		-4983 May 24 j 07:39	0°♑	
morning rise	-4986 Dec 12 j 04:36	5°♋41'14		evening rise	-4983 Jun 02 j 18:24	11°♑41'25	
direct	-4986 Dec 27 j 04:58	1°♋09'45			-4983 Jun 17 j 12:58	0°♒	
greatest brilliancy	-4985 Jan 06 j 22:52	3°♋17'51	-4.6m		-4983 Jul 11 j 17:02	0°♓	
	-4985 Feb 12 j 11:22	0°♌			-4983 Aug 04 j 21:41	0°♈	
morning max el	-4985 Feb 14 j 07:25	1°♌45'14	46°03'34	desc. node	-4983 Aug 29 j 01:19	29°♈48'01	
	-4985 Mar 13 j 17:19	0°♍			-4983 Aug 29 j 05:13	0°♉	
desc. node	-4985 Mar 14 j 08:53	0°♍42'10			-4983 Sep 22 j 18:18	0°♊	
	-4985 Apr 09 j 15:29	0°♎			-4983 Oct 17 j 17:39	0°♋	
	-4985 May 05 j 12:08	0°♏			-4983 Nov 12 j 14:49	0°♌	
	-4985 May 30 j 16:16	0°♐		evening max el	-4983 Dec 05 j 13:18	24°♌38'44	46°28'54
	-4985 Jun 24 j 07:44	0°♑			-4983 Dec 10 j 23:12	0°♍	
asc. node	-4985 Jul 05 j 02:14	13°♑17'02		asc. node	-4983 Dec 19 j 18:45	8°♍09'00	
	-4985 Jul 18 j 13:07	0°♒		greatest brilliancy	-4982 Jan 09 j 12:56	23°♍00'54	-4.6m
greatest brilliancy	-4985 Aug 06 j 03:05	23°♒16'42	-3.9m	retrograde	-4982 Jan 24 j 15:06	27°♍05'45	
morning set	-4985 Aug 10 j 02:04	28°♒15'22		evening set	-4982 Feb 11 j 08:27	20°♍58'49	
	-4985 Aug 11 j 11:18	0°♓		inferior conj	-4982 Feb 14 j 23:40	18°♍40'39	8°12'41
	-4985 Sep 04 j 05:43	0°♈		minimum elong	-4982 Feb 15 j 00:36	18°♍39'09	8°12'25
				min. Earth dist.	-4982 Feb 14 j 19:02	18°♍48'04	0.29269 AU
superior conj	-4985 Sep 18 j 14:16	18°♈08'19	1°11'13	morning rise	-4982 Feb 18 j 16:58	16°♍19'44	
minimum elong	-4985 Sep 19 j 00:26	18°♈40'24	1°11'09	direct	-4982 Mar 08 j 14:06	10°♍15'59	
max. Earth dist.	-4985 Sep 20 j 11:40	20°♈31'41	1.70831 AU	greatest brilliancy	-4982 Mar 20 j 16:24	12°♍52'27	-4.5m
	-4985 Sep 27 j 23:46	0°♉		desc. node	-4982 Apr 10 j 20:06	26°♍14'43	
	-4985 Oct 21 j 19:51	0°♊			-4982 Apr 15 j 08:30	0°♎	
desc. node	-4985 Oct 25 j 00:21	3°♊59'58		morning max el	-4982 Apr 26 j 09:47	10°♎01'41	45°50'24
evening rise	-4985 Oct 31 j 00:55	11°♊32'58			-4982 May 16 j 04:12	0°♏	
	-4985 Nov 14 j 19:12	0°♋			-4982 Jun 12 j 07:38	0°♐	
	-4985 Dec 08 j 22:20	0°♌			-4982 Jul 07 j 22:47	0°♑	
	-4984 Jan 02 j 06:26	0°♍		asc. node	-4982 Aug 01 j 14:13	29°♑52'49	
	-4984 Jan 26 j 22:11	0°♎			-4982 Aug 01 j 16:33	0°♒	
asc. node	-4984 Feb 14 j 15:58	22°♎24'21			-4982 Aug 25 j 20:45	0°♓	
	-4984 Feb 21 j 02:26	0°♏			-4982 Sep 18 j 17:32	0°♈	
	-4984 Mar 18 j 03:30	0°♐			-4982 Oct 12 j 12:05	0°♉	
	-4984 Apr 14 j 19:49	0°♑		morning set	-4982 Oct 24 j 19:19	15°♉30'16	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4982 Nov 05 j 08:03	0°♌		minimum elong	-4979 Apr 25 j 06:29	24°♏38'00	2°57'14
desc. node	-4982 Nov 21 j 12:57	20°♌18'29		min. Earth dist.	-4979 Apr 25 j 20:49	24°♏15'44	0.28966 AU
	-4982 Nov 29 j 07:09	0°♍		morning rise	-4979 May 01 j 09:32	20°♏58'14	
				desc. node	-4979 May 08 j 07:14	17°♏51'18	
superior conj	-4982 Dec 06 j 02:12	8°♍28'16	0°-32'-48	direct	-4979 May 16 j 19:22	16°♏25'45	
minimum elong	-4982 Dec 05 j 18:03	8°♍02'54	0°32'35	greatest brilliancy	-4979 May 31 j 11:30	20°♏08'14	-4.5m
max. Earth dist.	-4982 Dec 11 j 03:48	14°♍46'52	1.71980 AU		-4979 Jun 15 j 22:43	0°♐	
	-4982 Dec 23 j 09:39	0°♑		morning max el	-4979 Jul 05 j 06:52	17°♐07'08	46°15'02
evening rise	-4981 Jan 15 j 16:09	28°♑48'26			-4979 Jul 17 j 22:23	0°♑	
	-4981 Jan 16 j 15:20	0°♒			-4979 Aug 13 j 21:08	0°♒	
	-4981 Feb 10 j 00:28	0°♓		asc. node	-4979 Aug 29 j 02:07	17°♒55'49	
	-4981 Mar 06 j 14:08	0°♈			-4979 Sep 08 j 02:27	0°♓	
asc. node	-4981 Mar 14 j 04:20	9°♈12'39			-4979 Oct 02 j 12:20	0°♑	
	-4981 Mar 31 j 10:03	0°♐			-4979 Oct 26 j 14:12	0°♑	
	-4981 Apr 25 j 14:29	0°♑			-4979 Nov 19 j 14:58	0°♌	
	-4981 May 21 j 07:32	0°♒			-4979 Dec 13 j 17:59	0°♍	
	-4981 Jun 16 j 23:10	0°♓		desc. node	-4979 Dec 19 j 01:24	6°♍34'55	
desc. node	-4981 Jul 04 j 03:37	18°♓17'16			-4978 Jan 06 j 23:54	0°♑	
evening max el	-4981 Jul 12 j 10:11	26°♓36'42	46°50'50	morning set	-4978 Jan 09 j 15:17	3°♑15'38	
	-4981 Jul 15 j 22:03	0°♑			-4978 Jan 31 j 08:01	0°♒	
greatest brilliancy	-4981 Aug 21 j 05:27	26°♑30'02	-4.7m				
retrograde	-4981 Aug 31 j 13:36	28°♑28'50		superior conj	-4978 Feb 17 j 13:29	21°♒11'40	-1°-22'-35
evening set	-4981 Sep 17 j 08:29	23°♑05'38		minimum elong	-4978 Feb 17 j 15:29	21°♒17'49	1°22'51
inferior conj	-4981 Sep 21 j 04:21	20°♑48'03	-7°-24'-26	max. Earth dist.	-4978 Feb 18 j 12:20	22°♒21'54	1.73470 AU
minimum elong	-4981 Sep 21 j 14:37	20°♑32'25	7°22'22		-4978 Feb 24 j 17:27	0°♓	
min. Earth dist.	-4981 Sep 21 j 09:08	20°♑40'45	0.26506 AU		-4978 Mar 21 j 03:54	0°♈	
morning rise	-4981 Sep 25 j 20:41	18°♑01'24		evening rise	-4978 Mar 26 j 08:59	6°♈23'28	
direct	-4981 Oct 11 j 11:36	13°♑13'21		asc. node	-4978 Apr 10 j 16:54	25°♈10'37	
greatest brilliancy	-4981 Oct 23 j 17:51	16°♑02'35	-4.7m		-4978 Apr 14 j 15:25	0°♐	
asc. node	-4981 Oct 24 j 22:22	16°♑34'56			-4978 May 09 j 04:16	0°♑	
	-4981 Nov 13 j 11:25	0°♑			-4978 Jun 02 j 19:03	0°♒	
morning max el	-4981 Nov 30 j 23:29	16°♑28'12	46°40'14		-4978 Jun 27 j 13:18	0°♓	
	-4981 Dec 13 j 21:43	0°♌			-4978 Jul 22 j 14:17	0°♑	
	-4980 Jan 09 j 19:41	0°♍		desc. node	-4978 Jul 31 j 15:13	10°♑41'30	
	-4980 Feb 04 j 17:37	0°♑			-4978 Aug 17 j 04:35	0°♑	
desc. node	-4980 Feb 13 j 23:27	10°♑50'27			-4978 Sep 13 j 00:34	0°♌	
	-4980 Mar 01 j 04:45	0°♒		evening max el	-4978 Sep 23 j 05:53	10°♌42'13	47°37'53
	-4980 Mar 26 j 08:27	0°♓			-4978 Oct 13 j 22:20	0°♍	
	-4980 Apr 20 j 05:30	0°♈		greatest brilliancy	-4978 Oct 31 j 08:17	11°♍32'11	-4.7m
	-4980 May 14 j 20:01	0°♐		retrograde	-4978 Nov 13 j 10:35	14°♍46'54	
morning set	-4980 May 29 j 00:04	17°♐25'25		asc. node	-4978 Nov 21 j 09:34	13°♍26'21	
asc. node	-4980 Jun 05 j 15:55	26°♐53'18		evening set	-4978 Nov 28 j 04:08	10°♍21'06	
	-4980 Jun 08 j 04:15	0°♑		min. Earth dist.	-4978 Dec 03 j 06:28	7°♍17'00	0.27260 AU
max. Earth dist.	-4980 Jun 29 j 23:22	27°♑06'27	1.72087 AU	inferior conj	-4978 Dec 04 j 06:27	6°♍39'16	3°07'59
	-4980 Jul 02 j 06:57	0°♒		minimum elong	-4978 Dec 04 j 00:07	6°♍49'14	3°06'01
				morning rise	-4978 Dec 09 j 20:59	3°♍15'46	
superior conj	-4980 Jul 04 j 10:15	2°♒40'16	1°00'37		-4978 Dec 17 j 03:55	30°♒♌	
minimum elong	-4980 Jul 04 j 01:19	2°♒12'22	1°00'33	direct	-4978 Dec 24 j 18:38	28°♌47'47	
	-4980 Jul 26 j 05:44	0°♓			-4977 Jan 01 j 17:12	0°♍	
evening rise	-4980 Aug 10 j 21:48	19°♓41'10		greatest brilliancy	-4977 Jan 04 j 12:43	0°♍56'49	-4.6m
	-4980 Aug 19 j 02:49	0°♑		morning max el	-4977 Feb 11 j 22:53	29°♍30'56	46°04'42
	-4980 Sep 12 j 00:37	0°♑			-4977 Feb 12 j 10:56	0°♑	
desc. node	-4980 Sep 25 j 13:50	16°♑56'51		desc. node	-4977 Mar 13 j 11:08	0°♒04'09	
	-4980 Oct 06 j 01:01	0°♌			-4977 Mar 13 j 09:37	0°♒	
	-4980 Oct 30 j 05:36	0°♍			-4977 Apr 09 j 05:12	0°♓	
	-4980 Nov 23 j 16:41	0°♑			-4977 May 05 j 00:37	0°♈	
	-4980 Dec 18 j 15:29	0°♒			-4977 May 30 j 04:07	0°♐	
	-4979 Jan 13 j 13:45	0°♓			-4977 Jun 23 j 19:14	0°♑	
asc. node	-4979 Jan 16 j 06:06	2°♓59'55		asc. node	-4977 Jul 04 j 04:16	12°♑48'02	
	-4979 Feb 10 j 18:26	0°♈			-4977 Jul 18 j 00:27	0°♒	
evening max el	-4979 Feb 14 j 07:27	3°♈27'13	45°12'56	greatest brilliancy	-4977 Aug 06 j 07:23	24°♒10'16	-3.9m
greatest brilliancy	-4979 Mar 20 j 10:20	29°♈24'49	-4.5m	morning set	-4977 Aug 07 j 15:51	25°♒52'20	
	-4979 Mar 21 j 18:07	0°♐			-4977 Aug 10 j 22:34	0°♓	
retrograde	-4979 Apr 03 j 13:36	2°♐53'26			-4977 Sep 03 j 17:00	0°♑	
	-4979 Apr 15 j 18:35	30°♒♈					
evening set	-4979 Apr 19 j 02:41	28°♈18'33		superior conj	-4977 Sep 16 j 00:44	15°♑34'03	1°13'11
inferior conj	-4979 Apr 25 j 00:24	24°♈47'26	2°58'53	minimum elong	-4977 Sep 16 j 10:20	16°♑04'23	1°13'10

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

max. Earth dist.	-4977 Sep 17 j 17:59	17° Ω 44'18	1.70831 AU	greatest brilliancy	-4974 Mar 18 j 05:54	10° \mathfrak{Z} 40'39	-4.5m
	-4977 Sep 27 j 11:06	0° \mathfrak{M}		desc. node	-4974 Apr 09 j 22:13	25° \mathfrak{Z} 14'57	
	-4977 Oct 21 j 07:16	0° $\underline{\Omega}$			-4974 Apr 15 j 12:02	0° \approx	
desc. node	-4977 Oct 24 j 02:26	3° $\underline{\Omega}$ 30'44		morning max el	-4974 Apr 24 j 00:48	7° \approx 49'56	45°50'11
evening rise	-4977 Oct 28 j 09:07	8° $\underline{\Omega}$ 52'36			-4974 May 15 j 21:07	0° \mathfrak{H}	
	-4977 Nov 14 j 06:39	0° \mathfrak{M}			-4974 Jun 11 j 21:30	0° \mathfrak{Y}	
	-4977 Dec 08 j 09:52	0° \mathfrak{J}			-4974 Jul 07 j 11:20	0° \mathfrak{B}	
	-4976 Jan 01 j 18:08	0° \mathfrak{Z}		asc. node	-4974 Jul 31 j 16:28	29° \mathfrak{B} 23'10	
	-4976 Jan 26 j 10:16	0° \approx			-4974 Aug 01 j 04:27	0° Π	
asc. node	-4976 Feb 13 j 18:11	21° \approx 53'29			-4974 Aug 25 j 08:21	0° \mathfrak{S}	
	-4976 Feb 20 j 15:22	0° \mathfrak{H}			-4974 Sep 18 j 04:59	0° Ω	
	-4976 Mar 17 j 18:14	0° \mathfrak{Y}			-4974 Oct 11 j 23:26	0° \mathfrak{M}	
	-4976 Apr 14 j 15:00	0° \mathfrak{B}		morning set	-4974 Oct 22 j 05:01	12° \mathfrak{M} 54'07	
evening max el	-4976 Apr 26 j 14:21	11° \mathfrak{B} 50'02	45°21'41		-4974 Nov 04 j 19:18	0° $\underline{\Omega}$	
	-4976 May 17 j 23:15	0° Π		desc. node	-4974 Nov 20 j 14:58	19° $\underline{\Omega}$ 49'46	
greatest brilliancy	-4976 Jun 02 j 12:36	8° Π 54'57	-4.5m		-4974 Nov 28 j 18:19	0° \mathfrak{M}	
desc. node	-4976 Jun 04 j 18:26	9° Π 43'23					
retrograde	-4976 Jun 14 j 07:16	11° Π 20'42		superior conj	-4974 Dec 03 j 12:01	5° \mathfrak{M} 54'37	0°-29'-11
evening set	-4976 Jun 29 j 23:37	6° Π 43'09		minimum elong	-4974 Dec 03 j 04:37	5° \mathfrak{M} 31'30	0°29'01
inferior conj	-4976 Jul 05 j 08:06	3° Π 35'18	-6°-31'-57	max. Earth dist.	-4974 Dec 08 j 16:47	12° \mathfrak{M} 23'16	1.71915 AU
minimum elong	-4976 Jul 04 j 21:39	3° Π 51'04	6°29'36		-4974 Dec 22 j 20:44	0° \mathfrak{J}	
min. Earth dist.	-4976 Jul 05 j 14:10	3° Π 26'07	0.27632 AU	evening rise	-4973 Jan 13 j 05:41	26° \mathfrak{J} 27'50	
morning rise	-4976 Jul 09 j 19:21	0° Π 56'27			-4973 Jan 16 j 02:24	0° \mathfrak{Z}	
	-4976 Jul 11 j 12:19	30° \mathfrak{R} \mathfrak{B}			-4973 Feb 09 j 11:35	0° \approx	
direct	-4976 Jul 26 j 12:41	25° \mathfrak{B} 41'02			-4973 Mar 06 j 01:28	0° \mathfrak{H}	
greatest brilliancy	-4976 Aug 09 j 15:37	29° \mathfrak{B} 16'21	-4.6m	asc. node	-4973 Mar 13 j 06:31	8° \mathfrak{H} 44'35	
	-4976 Aug 11 j 02:48	0° Π			-4973 Mar 30 j 21:49	0° \mathfrak{Y}	
morning max el	-4976 Sep 15 j 02:13	28° Π 36'12	46°47'36		-4973 Apr 25 j 03:07	0° \mathfrak{B}	
	-4976 Sep 16 j 11:01	0° \mathfrak{S}			-4973 May 20 j 21:42	0° Π	
asc. node	-4976 Sep 25 j 13:31	9° \mathfrak{S} 36'33			-4973 Jun 16 j 16:26	0° \mathfrak{S}	
	-4976 Oct 13 j 17:59	0° Ω		desc. node	-4973 Jul 03 j 05:44	17° \mathfrak{S} 28'37	
	-4976 Nov 08 j 03:57	0° \mathfrak{M}		evening max el	-4973 Jul 09 j 21:33	24° \mathfrak{S} 08'16	46°47'29
	-4976 Dec 02 j 23:09	0° $\underline{\Omega}$			-4973 Jul 16 j 00:15	0° Ω	
	-4976 Dec 27 j 14:37	0° \mathfrak{M}		greatest brilliancy	-4973 Aug 18 j 18:42	24° Ω 01'26	-4.7m
desc. node	-4975 Jan 15 j 13:39	23° \mathfrak{M} 05'15		retrograde	-4973 Aug 29 j 00:44	25° Ω 58'42	
	-4975 Jan 21 j 05:57	0° \mathfrak{J}		evening set	-4973 Sep 14 j 23:42	20° Ω 30'44	
	-4975 Feb 14 j 21:21	0° \mathfrak{Z}		inferior conj	-4973 Sep 18 j 16:18	18° Ω 18'14	-7°-37'-54
	-4975 Mar 11 j 11:49	0° \approx		minimum elong	-4973 Sep 19 j 02:14	18° Ω 03'08	7°36'00
morning set	-4975 Mar 21 j 03:25	11° \approx 47'18		min. Earth dist.	-4973 Sep 18 j 22:02	18° Ω 09'30	0.26533 AU
	-4975 Apr 05 j 00:30	0° \mathfrak{H}		morning rise	-4973 Sep 23 j 04:37	15° Ω 37'19	
max. Earth dist.	-4975 Apr 23 j 07:29	22° \mathfrak{H} 26'53	1.73584 AU	direct	-4973 Oct 08 j 23:25	10° Ω 42'55	
				greatest brilliancy	-4973 Oct 21 j 09:12	13° Ω 35'40	-4.7m
superior conj	-4975 Apr 25 j 23:52	25° \mathfrak{H} 44'48	0°-28'-3	asc. node	-4973 Oct 24 j 00:30	14° Ω 51'09	
minimum elong	-4975 Apr 26 j 05:03	26° \mathfrak{H} 00'43	0°27'52		-4973 Nov 13 j 20:44	0° \mathfrak{M}	
	-4975 Apr 29 j 10:50	0° \mathfrak{Y}		morning max el	-4973 Nov 28 j 12:09	13° \mathfrak{M} 59'49	46°41'23
asc. node	-4975 May 08 j 05:29	10° \mathfrak{Y} 48'44			-4973 Dec 13 j 16:44	0° $\underline{\Omega}$	
	-4975 May 23 j 18:36	0° \mathfrak{B}			-4972 Jan 09 j 10:46	0° \mathfrak{M}	
evening rise	-4975 May 31 j 13:36	9° \mathfrak{B} 38'09			-4972 Feb 04 j 06:52	0° \mathfrak{J}	
	-4975 Jun 17 j 00:07	0° Π		desc. node	-4972 Feb 13 j 01:44	10° \mathfrak{J} 19'30	
	-4975 Jul 11 j 04:30	0° \mathfrak{S}			-4972 Feb 29 j 16:56	0° \mathfrak{Z}	
	-4975 Aug 04 j 09:35	0° Ω			-4972 Mar 25 j 19:59	0° \approx	
desc. node	-4975 Aug 28 j 03:30	29° Ω 16'42			-4972 Apr 19 j 16:36	0° \mathfrak{H}	
	-4975 Aug 28 j 17:36	0° \mathfrak{M}			-4972 May 14 j 06:54	0° \mathfrak{Y}	
	-4975 Sep 22 j 07:23	0° $\underline{\Omega}$		morning set	-4972 May 26 j 18:40	15° \mathfrak{Y} 21'22	
	-4975 Oct 17 j 07:51	0° \mathfrak{M}		asc. node	-4972 Jun 04 j 18:00	26° \mathfrak{Y} 26'20	
	-4975 Nov 12 j 07:26	0° \mathfrak{J}			-4972 Jun 07 j 15:03	0° \mathfrak{B}	
evening max el	-4975 Dec 03 j 04:39	22° \mathfrak{J} 21'50	46°32'06	max. Earth dist.	-4972 Jun 27 j 18:22	25° \mathfrak{B} 02'12	1.72149 AU
	-4975 Dec 10 j 23:25	0° \mathfrak{Z}			-4972 Jul 01 j 17:46	0° Π	
asc. node	-4975 Dec 18 j 20:47	7° \mathfrak{Z} 09'17					
greatest brilliancy	-4974 Jan 07 j 07:56	20° \mathfrak{Z} 53'19	-4.6m	superior conj	-4972 Jul 02 j 03:26	0° Π 30'09	0°58'20
retrograde	-4974 Jan 22 j 07:54	24° \mathfrak{Z} 56'13		minimum elong	-4972 Jul 01 j 18:32	0° Π 02'22	0°58'14
evening set	-4974 Feb 09 j 01:20	18° \mathfrak{Z} 49'51			-4972 Jul 25 j 16:39	0° \mathfrak{S}	
inferior conj	-4974 Feb 12 j 16:42	16° \mathfrak{Z} 31'15	8°13'50	evening rise	-4972 Aug 08 j 11:47	17° \mathfrak{S} 19'45	
minimum elong	-4974 Feb 12 j 16:58	16° \mathfrak{Z} 30'50	8°13'34		-4972 Aug 18 j 13:55	0° Ω	
min. Earth dist.	-4974 Feb 12 j 10:55	16° \mathfrak{Z} 40'33	0.29230 AU		-4972 Sep 11 j 11:55	0° \mathfrak{M}	
morning rise	-4974 Feb 16 j 08:48	14° \mathfrak{Z} 11'55		desc. node	-4972 Sep 24 j 15:54	16° \mathfrak{M} 27'34	
direct	-4974 Mar 06 j 06:26	8° \mathfrak{Z} 07'22			-4972 Oct 05 j 12:35	0° $\underline{\Omega}$	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4972 Oct 29 j 17:29	0°♍					-4969 Apr 08 j 18:31	0°≈			
	-4972 Nov 23 j 05:03	0°♊					-4969 May 04 j 12:44	0°✎			
	-4972 Dec 18 j 04:42	0°♐					-4969 May 29 j 15:35	0°Υ			
	-4971 Jan 13 j 04:55	0°≈					-4969 Jun 23 j 06:22	0°♎			
asc. node	-4971 Jan 15 j 08:23	2°≈23'16				asc. node	-4969 Jul 03 j 06:27	12°♎20'37			
	-4971 Feb 10 j 15:26	0°✎					-4969 Jul 17 j 11:26	0°♊			
evening max el	-4971 Feb 11 j 22:48	1°✎15'55	45°14'33			morning set	-4969 Aug 05 j 05:58	23°♊31'22			
greatest brilliancy	-4971 Mar 17 j 23:52	27°✎14'14	-4.5m				-4969 Aug 10 j 09:30	0°♐			
	-4971 Mar 25 j 19:34	0°Υ					-4969 Sep 03 j 03:58	0°♎			
retrograde	-4971 Apr 01 j 06:29	0°Υ46'27									
	-4971 Apr 07 j 12:41	30°♊				superior conj	-4969 Sep 13 j 11:47	13°♎02'42	1°14'59		
evening set	-4971 Apr 16 j 21:02	26°✎08'02				minimum elong	-4969 Sep 13 j 20:46	13°♎31'01	1°14'59		
inferior conj	-4971 Apr 22 j 16:50	22°✎39'18	3°16'38			max. Earth dist.	-4969 Sep 14 j 21:39	14°♎49'37	1.70830 AU		
minimum elong	-4971 Apr 22 j 23:23	22°✎29'06	3°14'51				-4969 Sep 26 j 22:07	0°♐			
min. Earth dist.	-4971 Apr 23 j 13:01	22°✎07'55	0.29009 AU				-4969 Oct 20 j 18:19	0°♊			
morning rise	-4971 Apr 29 j 01:06	18°✎51'21				desc. node	-4969 Oct 23 j 04:29	3°♊02'28			
desc. node	-4971 May 07 j 09:19	15°✎16'59				evening rise	-4969 Oct 25 j 17:38	6°♊14'12			
direct	-4971 May 14 j 12:12	14°✎16'48					-4969 Nov 13 j 17:46	0°♍			
greatest brilliancy	-4971 May 29 j 04:17	17°✎59'46	-4.5m				-4969 Dec 07 j 21:04	0°♊			
	-4971 Jun 16 j 08:43	0°Υ					-4968 Jan 01 j 05:33	0°♐			
morning max el	-4971 Jul 02 j 23:48	14°Υ57'40	46°13'53				-4968 Jan 25 j 22:08	0°≈			
	-4971 Jul 17 j 16:30	0°♎				asc. node	-4968 Feb 12 j 20:19	21°≈23'03			
	-4971 Aug 13 j 11:34	0°♊					-4968 Feb 20 j 04:08	0°✎			
asc. node	-4971 Aug 28 j 04:18	17°♊22'17					-4968 Mar 17 j 08:54	0°Υ			
	-4971 Sep 07 j 15:22	0°♐					-4968 Apr 14 j 10:26	0°♎			
	-4971 Oct 02 j 00:28	0°♎				evening max el	-4968 Apr 24 j 05:02	9°♎35'43	45°19'45		
	-4971 Oct 26 j 01:56	0°♐					-4968 May 18 j 19:57	0°♊			
	-4971 Nov 19 j 02:25	0°♊				greatest brilliancy	-4968 May 31 j 01:08	6°♊36'20	-4.5m		
	-4971 Dec 13 j 05:13	0°♍				desc. node	-4968 Jun 03 j 20:36	7°♊53'26			
desc. node	-4971 Dec 18 j 03:30	6°♍06'44				retrograde	-4968 Jun 11 j 20:09	9°♊02'24			
	-4970 Jan 06 j 10:57	0°♊				evening set	-4968 Jun 27 j 10:08	4°♊29'16			
morning set	-4970 Jan 07 j 03:42	0°♊51'42				inferior conj	-4968 Jul 02 j 21:52	1°♊16'44	-6°-16'-21		
	-4970 Jan 30 j 18:53	0°♐				minimum elong	-4968 Jul 02 j 11:26	1°♊32'32	6°13'55		
						min. Earth dist.	-4968 Jul 03 j 04:26	1°♊06'48	0.27674 AU		
superior conj	-4970 Feb 15 j 05:44	19°♐00'54	-1°-22'-52				-4968 Jul 05 j 00:43	30°♊			
minimum elong	-4970 Feb 15 j 07:01	19°♐04'52	1°23'09			morning rise	-4968 Jul 07 j 12:20	28°♊32'57			
max. Earth dist.	-4970 Feb 16 j 08:06	20°♐21'57	1.73437 AU			direct	-4968 Jul 24 j 03:03	23°♊21'39			
	-4970 Feb 24 j 04:12	0°≈				greatest brilliancy	-4968 Aug 07 j 06:33	26°♊56'42	-4.6m		
	-4970 Mar 20 j 14:39	0°✎					-4968 Aug 12 j 20:37	0°♊			
evening rise	-4970 Mar 24 j 03:23	4°✎19'45				morning max el	-4968 Sep 12 j 14:58	26°♊09'37	46°46'56		
asc. node	-4970 Apr 09 j 18:56	24°✎43'35					-4968 Sep 16 j 08:30	0°♐			
	-4970 Apr 14 j 02:19	0°Υ				asc. node	-4968 Sep 24 j 15:33	8°♐50'29			
	-4970 May 08 j 15:28	0°♎					-4968 Oct 13 j 09:57	0°♎			
	-4970 Jun 02 j 06:44	0°♊					-4968 Nov 07 j 17:46	0°♐			
	-4970 Jun 27 j 01:42	0°♐					-4968 Dec 02 j 11:50	0°♊			
	-4970 Jul 22 j 03:47	0°♎					-4968 Dec 27 j 02:34	0°♍			
desc. node	-4970 Jul 30 j 17:30	10°♎06'54				desc. node	-4967 Jan 14 j 15:53	22°♍36'52			
	-4970 Aug 16 j 20:00	0°♐					-4967 Jan 20 j 17:25	0°♊			
	-4970 Sep 12 j 20:15	0°♊					-4967 Feb 14 j 08:27	0°♐			
evening max el	-4970 Sep 20 j 21:47	8°♊23'37	47°38'21				-4967 Mar 10 j 22:42	0°≈			
	-4970 Oct 14 j 12:32	0°♍				morning set	-4967 Mar 18 j 21:42	9°≈43'29			
greatest brilliancy	-4970 Oct 29 j 00:27	9°♍10'51	-4.7m				-4967 Apr 04 j 11:15	0°✎			
retrograde	-4970 Nov 11 j 01:51	12°♍23'50				max. Earth dist.	-4967 Apr 21 j 03:13	20°✎27'10	1.73608 AU		
asc. node	-4970 Nov 20 j 11:38	10°♍31'23									
evening set	-4970 Nov 25 j 17:33	7°♍59'51				superior conj	-4967 Apr 23 j 19:03	23°✎43'20	0°-30'-52		
min. Earth dist.	-4970 Nov 30 j 20:48	4°♍54'31	0.27192 AU			minimum elong	-4967 Apr 24 j 00:41	24°✎00'36	0°30'40		
inferior conj	-4970 Dec 01 j 20:38	4°♍17'04	2°47'18				-4967 Apr 28 j 21:33	0°Υ			
minimum elong	-4970 Dec 01 j 14:55	4°♍26'05	2°45'30			asc. node	-4967 May 07 j 07:36	10°Υ22'08			
morning rise	-4970 Dec 07 j 13:14	0°♍51'20					-4967 May 23 j 05:23	0°♎			
	-4970 Dec 09 j 03:38	30°♊				evening rise	-4967 May 29 j 08:44	7°♎35'21			
direct	-4970 Dec 22 j 08:44	26°♊26'53					-4967 Jun 16 j 11:06	0°♊			
greatest brilliancy	-4969 Jan 02 j 02:00	28°♊35'52	-4.6m				-4967 Jul 10 j 15:49	0°♐			
	-4969 Jan 05 j 08:48	0°♍					-4967 Aug 03 j 21:18	0°♎			
morning max el	-4969 Feb 09 j 14:18	27°♍17'07	46°05'41			desc. node	-4967 Aug 27 j 05:33	28°♎45'28			
	-4969 Feb 12 j 09:14	0°♊					-4967 Aug 28 j 05:51	0°♐			
desc. node	-4969 Mar 12 j 13:12	29°♊26'42					-4967 Sep 21 j 20:21	0°♊			
	-4969 Mar 13 j 01:23	0°♐					-4967 Oct 16 j 22:02	0°♍			

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4967 Nov 12 j 00:10	0°♊				-4964 Jun 07 j 02:00	0°♋	
evening max el	-4967 Nov 30 j 19:15	20°♊03'23	46°35'21	max. Earth dist.	-4964 Jun 25 j 12:17	22°♋54'04	1.72213 AU	
	-4967 Dec 11 j 00:37	0°♌						
asc. node	-4967 Dec 17 j 23:05	6°♌09'21		superior conj	-4964 Jun 29 j 20:33	28°♋19'18	0°55'57	
greatest brilliancy	-4966 Jan 05 j 02:09	18°♌45'07	-4.6m	minimum elong	-4964 Jun 29 j 11:45	27°♋51'51	0°55'51	
retrograde	-4966 Jan 20 j 00:42	22°♌47'26			-4964 Jul 01 j 04:48	0°♍		
evening set	-4966 Feb 06 j 17:58	16°♌41'50			-4964 Jul 25 j 03:48	0°♎		
inferior conj	-4966 Feb 10 j 09:49	14°♌22'29	8°14'10	evening rise	-4964 Aug 06 j 01:43	14°♎57'31		
minimum elong	-4966 Feb 10 j 09:23	14°♌23'11	8°13'54		-4964 Aug 18 j 01:13	0°♏		
min. Earth dist.	-4966 Feb 10 j 02:59	14°♌33'28	0.29192 AU		-4964 Sep 10 j 23:25	0°♐		
morning rise	-4966 Feb 14 j 00:59	12°♌04'25		desc. node	-4964 Sep 23 j 17:56	15°♐57'36		
direct	-4966 Mar 03 j 22:28	5°♌59'14			-4964 Oct 05 j 00:20	0°♑		
greatest brilliancy	-4966 Mar 15 j 20:28	8°♌30'35	-4.5m		-4964 Oct 29 j 05:35	0°♒		
desc. node	-4966 Apr 09 j 00:19	24°♌16'56			-4964 Nov 22 j 17:38	0°♓		
	-4966 Apr 15 j 13:53	0°♈			-4964 Dec 17 j 18:14	0°♈		
morning max el	-4966 Apr 21 j 15:51	5°♈38'31	45°49'59		-4963 Jan 12 j 20:35	0°♈		
	-4966 May 15 j 13:38	0°♉		asc. node	-4963 Jan 14 j 10:33	1°♈45'15		
	-4966 Jun 11 j 11:12	0°♊		evening max el	-4963 Feb 09 j 15:05	29°♈06'05	45°16'14	
	-4966 Jul 06 j 23:47	0°♋			-4963 Feb 10 j 13:32	0°♉		
asc. node	-4966 Jul 30 j 18:39	28°♋53'31		greatest brilliancy	-4963 Mar 15 j 14:29	25°♉04'30	-4.5m	
	-4966 Jul 31 j 16:16	0°♌		retrograde	-4963 Mar 29 j 23:22	28°♉38'49		
	-4966 Aug 24 j 19:51	0°♍		evening set	-4963 Apr 14 j 15:34	23°♉57'07		
	-4966 Sep 17 j 16:20	0°♎		inferior conj	-4963 Apr 20 j 09:17	20°♉30'41	3°33'54	
morning set	-4966 Oct 11 j 10:42	0°♏		minimum elong	-4963 Apr 20 j 16:18	20°♉19'46	3°32'03	
	-4966 Oct 19 j 14:44	10°♏18'03		min. Earth dist.	-4963 Apr 21 j 05:00	20°♉00'01	0.29048 AU	
	-4966 Nov 04 j 06:30	0°♐		morning rise	-4963 Apr 26 j 16:33	16°♉44'08		
desc. node	-4966 Nov 19 j 17:06	19°♐21'25		desc. node	-4963 May 06 j 11:28	12°♉46'49		
	-4966 Nov 28 j 05:27	0°♑		direct	-4963 May 12 j 05:24	12°♉07'38		
				greatest brilliancy	-4963 May 26 j 19:52	15°♉49'22	-4.5m	
superior conj	-4966 Nov 30 j 21:44	3°♑20'33	0°-25'-31		-4963 Jun 16 j 16:19	0°♊		
minimum elong	-4966 Nov 30 j 15:08	2°♑59'56	0°25'22	morning max el	-4963 Jun 30 j 16:37	12°♊47'26	46°12'32	
max. Earth dist.	-4966 Dec 06 j 02:27	9°♑49'16	1.71851 AU		-4963 Jul 17 j 10:30	0°♋		
	-4966 Dec 22 j 07:49	0°♌			-4963 Aug 13 j 02:11	0°♌		
evening rise	-4965 Jan 10 j 19:06	24°♌06'55		asc. node	-4963 Aug 27 j 06:20	16°♌47'27		
	-4965 Jan 15 j 13:27	0°♍			-4963 Sep 07 j 04:33	0°♍		
	-4965 Feb 08 j 22:41	0°♎			-4963 Oct 01 j 12:56	0°♎		
	-4965 Mar 05 j 12:47	0°♏			-4963 Oct 25 j 13:57	0°♏		
asc. node	-4965 Mar 12 j 08:35	8°♏16'12			-4963 Nov 18 j 14:09	0°♐		
	-4965 Mar 30 j 09:39	0°♊			-4963 Dec 12 j 16:44	0°♑		
	-4965 Apr 24 j 15:52	0°♋		desc. node	-4963 Dec 17 j 05:41	5°♑37'59		
	-4965 May 20 j 12:06	0°♌		morning set	-4962 Jan 04 j 15:56	28°♑26'19		
	-4965 Jun 16 j 10:14	0°♍			-4962 Jan 05 j 22:16	0°♌		
desc. node	-4965 Jul 02 j 07:59	16°♍39'12			-4962 Jan 30 j 06:02	0°♎		
evening max el	-4965 Jul 07 j 09:20	21°♍40'51	46°44'18					
	-4965 Jul 16 j 04:08	0°♎		superior conj	-4962 Feb 12 j 21:51	16°♎48'41	-1°-23'-3	
greatest brilliancy	-4965 Aug 16 j 07:01	21°♎31'53	-4.7m	minimum elong	-4962 Feb 12 j 22:25	16°♎50'26	1°23'20	
retrograde	-4965 Aug 26 j 12:31	23°♎28'52		max. Earth dist.	-4962 Feb 14 j 04:52	18°♎24'05	1.73404 AU	
evening set	-4965 Sep 12 j 14:53	17°♎55'58			-4962 Feb 23 j 15:17	0°♏		
inferior conj	-4965 Sep 16 j 04:18	15°♎48'25	-7°-50'-16		-4962 Mar 20 j 01:45	0°♉		
minimum elong	-4965 Sep 16 j 13:49	15°♎33'59	7°48'34	evening rise	-4962 Mar 21 j 21:47	2°♉15'00		
min. Earth dist.	-4965 Sep 16 j 10:33	15°♎38'56	0.26560 AU	asc. node	-4962 Apr 08 j 21:07	24°♉16'00		
morning rise	-4965 Sep 20 j 12:36	13°♎13'34			-4962 Apr 13 j 13:32	0°♊		
direct	-4965 Oct 06 j 11:37	8°♎12'33			-4962 May 08 j 02:59	0°♋		
greatest brilliancy	-4965 Oct 19 j 00:11	11°♎08'31	-4.7m		-4962 Jun 01 j 18:44	0°♌		
asc. node	-4965 Oct 23 j 02:41	13°♎11'28			-4962 Jun 26 j 14:28	0°♍		
	-4965 Nov 14 j 03:32	0°♎			-4962 Jul 21 j 17:46	0°♎		
morning max el	-4965 Nov 26 j 01:46	11°♎33'43	46°42'24	desc. node	-4962 Jul 29 j 19:30	9°♎30'07		
	-4965 Dec 13 j 11:20	0°♏			-4962 Aug 16 j 12:06	0°♏		
	-4964 Jan 09 j 01:46	0°♑			-4962 Sep 12 j 17:07	0°♐		
	-4964 Feb 03 j 20:08	0°♊		evening max el	-4962 Sep 18 j 13:50	6°♐03'45	47°38'36	
desc. node	-4964 Feb 12 j 03:43	9°♊47'31			-4962 Oct 15 j 08:30	0°♑		
	-4964 Feb 29 j 05:11	0°♌		greatest brilliancy	-4962 Oct 26 j 17:37	6°♑48'51	-4.7m	
	-4964 Mar 25 j 07:34	0°♎		retrograde	-4962 Nov 08 j 16:45	9°♑58'23		
	-4964 Apr 19 j 03:48	0°♏		asc. node	-4962 Nov 19 j 13:54	7°♑28'57		
	-4964 May 13 j 17:54	0°♊		evening set	-4962 Nov 23 j 07:01	5°♑36'22		
morning set	-4964 May 24 j 13:21	13°♊17'14		min. Earth dist.	-4962 Nov 28 j 11:10	2°♑29'39	0.27121 AU	
asc. node	-4964 Jun 03 j 20:14	25°♊59'17		inferior conj	-4962 Nov 29 j 10:37	1°♑52'49	2°26'10	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

minimum elong	-4962 Nov 29 j 05:32	2°ℓ00'48	2°24'31	asc. node	-4959 May 06 j 09:48	9°Υ54'49	
	-4962 Dec 02 j 11:27	30°R♄			-4959 May 22 j 16:31	0°♄	
morning rise	-4962 Dec 05 j 05:06	28°♄24'48		evening rise	-4959 May 27 j 03:59	5°♄31'58	
direct	-4962 Dec 19 j 22:37	24°♄04'10			-4959 Jun 15 j 22:26	0°♄	
greatest brilliancy	-4962 Dec 30 j 14:47	26°♄12'30	-4.6m		-4959 Jul 10 j 03:25	0°♄	
	-4961 Jan 07 j 10:03	0°ℓ			-4959 Aug 03 j 09:17	0°♄	
morning max el	-4961 Feb 07 j 04:39	24°ℓ59'25	46°06'40	desc. node	-4959 Aug 26 j 07:39	28°♄13'40	
	-4961 Feb 12 j 07:09	0°♄			-4959 Aug 27 j 18:21	0°♄	
desc. node	-4961 Mar 11 j 15:18	28°♄48'39			-4959 Sep 21 j 09:37	0°♄	
	-4961 Mar 12 j 17:17	0°♄			-4959 Oct 16 j 12:36	0°ℓ	
	-4961 Apr 08 j 08:07	0°♄			-4959 Nov 11 j 17:34	0°♄	
	-4961 May 04 j 01:11	0°♄		evening max el	-4959 Nov 28 j 09:36	17°♄43'11	46°38'31
	-4961 May 29 j 03:24	0°Υ			-4959 Dec 11 j 03:44	0°♄	
	-4961 Jun 22 j 17:50	0°♄		asc. node	-4959 Dec 17 j 01:14	5°♄06'25	
asc. node	-4961 Jul 02 j 08:37	11°♄52'10		greatest brilliancy	-4958 Jan 02 j 19:26	16°♄34'01	-4.6m
	-4961 Jul 16 j 22:43	0°♄		retrograde	-4958 Jan 17 j 17:41	20°♄37'01	
morning set	-4961 Aug 02 j 20:19	21°♄10'17		evening set	-4958 Feb 04 j 10:07	14°♄32'27	
	-4961 Aug 09 j 20:46	0°♄		inferior conj	-4958 Feb 08 j 02:45	12°♄12'01	8°13'47
	-4961 Sep 02 j 15:17	0°♄		minimum elong	-4958 Feb 08 j 01:37	12°♄13'51	8°13'31
				min. Earth dist.	-4958 Feb 07 j 18:50	12°♄24'44	0.29152 AU
superior conj	-4961 Sep 10 j 22:58	10°♄30'39	1°16'36	morning rise	-4958 Feb 11 j 17:18	9°♄54'57	
minimum elong	-4961 Sep 11 j 07:14	10°♄56'45	1°16'40	direct	-4958 Mar 01 j 14:04	3°♄49'20	
max. Earth dist.	-4961 Sep 11 j 22:39	11°♄45'25	1.70840 AU	greatest brilliancy	-4958 Mar 13 j 11:29	6°♄19'48	-4.5m
	-4961 Sep 26 j 09:31	0°♄		desc. node	-4958 Apr 08 j 02:33	23°♄19'32	
	-4961 Oct 20 j 05:48	0°♄			-4958 Apr 15 j 14:49	0°♄	
desc. node	-4961 Oct 22 j 06:38	2°♄33'11		morning max el	-4958 Apr 19 j 07:26	3°♄27'28	45°49'54
evening rise	-4961 Oct 23 j 01:40	3°♄32'53			-4958 May 15 j 06:08	0°♄	
	-4961 Nov 13 j 05:18	0°ℓ			-4958 Jun 11 j 01:01	0°Υ	
	-4961 Dec 07 j 08:42	0°♄			-4958 Jul 06 j 12:23	0°♄	
	-4961 Dec 31 j 17:24	0°♄		asc. node	-4958 Jul 29 j 20:39	28°♄22'43	
	-4960 Jan 25 j 10:27	0°♄			-4958 Jul 31 j 04:16	0°♄	
asc. node	-4960 Feb 11 j 22:23	20°♄51'06			-4958 Aug 24 j 07:31	0°♄	
	-4960 Feb 19 j 17:24	0°♄			-4958 Sep 17 j 03:49	0°♄	
	-4960 Mar 17 j 00:11	0°Υ			-4958 Oct 10 j 22:05	0°♄	
	-4960 Apr 14 j 06:56	0°♄		morning set	-4958 Oct 17 j 00:56	7°♄43'07	
evening max el	-4960 Apr 21 j 19:04	7°♄18'51	45°17'55		-4958 Nov 03 j 17:48	0°♄	
	-4960 May 20 j 00:55	0°♄		desc. node	-4958 Nov 18 j 19:15	18°♄52'52	
greatest brilliancy	-4960 May 28 j 13:37	4°♄16'53	-4.5m		-4958 Nov 27 j 16:42	0°ℓ	
desc. node	-4960 Jun 02 j 22:50	5°♄58'29					
retrograde	-4960 Jun 09 j 09:04	6°♄43'48		superior conj	-4958 Nov 28 j 07:31	0°ℓ46'16	0°-21'-48
evening set	-4960 Jun 24 j 20:54	2°♄14'35		minimum elong	-4958 Nov 28 j 01:46	0°ℓ28'19	0°21'39
	-4960 Jun 28 j 18:38	30°R♄		max. Earth dist.	-4958 Dec 03 j 10:56	7°ℓ11'08	1.71793 AU
inferior conj	-4960 Jun 30 j 11:46	28°♄57'53	-6°00'-13		-4958 Dec 21 j 19:02	0°♄	
minimum elong	-4960 Jun 30 j 01:24	29°♄13'36	5°57'44	evening rise	-4957 Jan 08 j 08:24	21°♄45'03	
min. Earth dist.	-4960 Jun 30 j 19:07	28°♄46'45	0.27714 AU		-4957 Jan 15 j 00:40	0°♄	
morning rise	-4960 Jul 05 j 05:23	26°♄09'18			-4957 Feb 08 j 09:58	0°♄	
direct	-4960 Jul 21 j 17:02	21°♄01'48			-4957 Mar 05 j 00:18	0°♄	
greatest brilliancy	-4960 Aug 04 j 22:17	24°♄37'43	-4.6m	asc. node	-4957 Mar 11 j 10:45	7°♄47'35	
	-4960 Aug 14 j 01:52	0°♄			-4957 Mar 29 j 21:41	0°Υ	
morning max el	-4960 Sep 10 j 03:29	23°♄41'51	46°46'14		-4957 Apr 24 j 04:51	0°♄	
	-4960 Sep 16 j 05:31	0°♄			-4957 May 20 j 02:50	0°♄	
asc. node	-4960 Sep 23 j 17:50	8°♄04'57			-4957 Jun 16 j 04:34	0°♄	
	-4960 Oct 13 j 01:57	0°♄		desc. node	-4957 Jul 01 j 10:01	15°♄48'00	
	-4960 Nov 07 j 07:49	0°♄		evening max el	-4957 Jul 04 j 22:05	19°♄15'42	46°41'06
	-4960 Dec 02 j 00:50	0°♄			-4957 Jul 16 j 10:00	0°♄	
	-4960 Dec 26 j 14:53	0°ℓ		greatest brilliancy	-4957 Aug 13 j 18:32	19°♄01'28	-4.6m
desc. node	-4959 Jan 13 j 17:54	22°ℓ06'37		retrograde	-4957 Aug 24 j 00:52	20°♄58'54	
	-4959 Jan 20 j 05:14	0°♄		evening set	-4957 Sep 10 j 05:57	15°♄21'14	
	-4959 Feb 13 j 19:54	0°♄		inferior conj	-4957 Sep 13 j 16:15	13°♄18'26	-8°-1'-45
	-4959 Mar 10 j 09:54	0°♄		minimum elong	-4957 Sep 14 j 01:17	13°♄04'47	8°00'14
morning set	-4959 Mar 16 j 15:39	7°♄37'34		min. Earth dist.	-4957 Sep 13 j 22:39	13°♄08'45	0.26586 AU
	-4959 Apr 03 j 22:19	0°♄		morning rise	-4957 Sep 17 j 20:29	10°♄49'45	
max. Earth dist.	-4959 Apr 18 j 23:18	18°♄27'33	1.73634 AU	direct	-4957 Oct 04 j 00:16	5°♄42'12	
				greatest brilliancy	-4957 Oct 16 j 14:07	8°♄40'09	-4.7m
superior conj	-4959 Apr 21 j 14:10	21°♄40'40	0°-33'-38	asc. node	-4957 Oct 22 j 04:53	11°♄35'34	
minimum elong	-4959 Apr 21 j 20:12	21°♄59'14	0°33'27		-4957 Nov 14 j 08:14	0°♄	
	-4959 Apr 28 j 08:35	0°Υ		morning max el	-4957 Nov 23 j 16:09	9°♄09'43	46°43'29

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4957 Dec 13 j 05:26	0°♄			-4954 Aug 16 j 04:10	0°♎		
	-4956 Jan 08 j 16:32	0°♌			-4954 Sep 12 j 14:22	0°♈		
	-4956 Feb 03 j 09:16	0°♊		evening max el	-4954 Sep 16 j 05:11	3°♄42'52	47°38'34	
desc. node	-4956 Feb 11 j 05:50	9°♊16'04			-4954 Oct 16 j 11:10	0°♌		
	-4956 Feb 28 j 17:22	0°♊		greatest brilliancy	-4954 Oct 24 j 11:29	4°♌28'08	-4.7m	
	-4956 Mar 24 j 19:09	0°♋		retrograde	-4954 Nov 06 j 07:01	7°♌33'03		
	-4956 Apr 18 j 15:00	0°♌		asc. node	-4954 Nov 18 j 16:03	4°♌22'05		
	-4956 May 13 j 04:54	0°♍		evening set	-4954 Nov 20 j 20:32	3°♌12'58		
morning set	-4956 May 22 j 08:03	11°♍13'16		min. Earth dist.	-4954 Nov 26 j 01:51	0°♌04'29	0.27051 AU	
asc. node	-4956 Jun 02 j 22:18	25°♍31'50			-4954 Nov 26 j 04:43	30°♌♄		
	-4956 Jun 06 j 12:56	0°♎		inferior conj	-4954 Nov 27 j 00:27	29°♄28'57	2°04'30	
max. Earth dist.	-4956 Jun 23 j 05:09	20°♎42'56	1.72275 AU	minimum elong	-4954 Nov 26 j 20:05	29°♄35'50	2°03'03	
				morning rise	-4954 Dec 02 j 20:41	25°♄58'36		
superior conj	-4956 Jun 27 j 13:43	26°♎08'53	0°53'30	direct	-4954 Dec 17 j 11:59	21°♄41'46		
minimum elong	-4956 Jun 27 j 05:05	25°♎41'58	0°53'23	greatest brilliancy	-4954 Dec 28 j 04:06	23°♄49'59	-4.6m	
	-4956 Jun 30 j 15:47	0°♏			-4953 Jan 08 j 18:41	0°♌		
	-4956 Jul 24 j 14:55	0°♏		morning max el	-4953 Feb 04 j 18:09	22°♌40'19	46°07'55	
evening rise	-4956 Aug 03 j 15:52	12°♏36'05			-4953 Feb 12 j 03:53	0°♊		
	-4956 Aug 17 j 12:30	0°♏		desc. node	-4953 Mar 10 j 17:32	28°♊12'22		
	-4956 Sep 10 j 10:55	0°♎			-4953 Mar 12 j 08:33	0°♊		
desc. node	-4956 Sep 22 j 20:08	15°♎28'12			-4953 Apr 07 j 21:12	0°♋		
	-4956 Oct 04 j 12:05	0°♌			-4953 May 03 j 13:11	0°♌		
	-4956 Oct 28 j 17:37	0°♌			-4953 May 28 j 14:49	0°♍		
	-4956 Nov 22 j 06:08	0°♊			-4953 Jun 22 j 04:57	0°♎		
	-4956 Dec 17 j 07:41	0°♊		asc. node	-4953 Jul 01 j 10:40	11°♎24'15		
	-4955 Jan 12 j 12:15	0°♋			-4953 Jul 16 j 09:42	0°♏		
asc. node	-4955 Jan 13 j 12:36	1°♋07'11		morning set	-4953 Jul 31 j 10:42	18°♏50'13		
evening max el	-4955 Feb 07 j 07:44	26°♋57'38	45°17'50		-4953 Aug 09 j 07:43	0°♏		
	-4955 Feb 10 j 12:18	0°♌			-4953 Sep 02 j 02:16	0°♏		
greatest brilliancy	-4955 Mar 13 j 06:18	22°♌56'46	-4.5m					
retrograde	-4955 Mar 27 j 16:01	26°♌31'41		superior conj	-4953 Sep 08 j 10:16	8°♏00'02	1°18'04	
evening set	-4955 Apr 12 j 10:18	21°♌46'52		minimum elong	-4953 Sep 08 j 17:48	8°♏23'47	1°18'10	
inferior conj	-4955 Apr 18 j 01:53	18°♌22'47	3°50'47	max. Earth dist.	-4953 Sep 08 j 23:26	8°♏41'35	1.70854 AU	
minimum elong	-4955 Apr 18 j 09:18	18°♌11'13	3°48'52		-4953 Sep 25 j 20:35	0°♎		
min. Earth dist.	-4955 Apr 18 j 21:10	17°♌52'42	0.29086 AU		-4953 Oct 19 j 16:57	0°♌		
morning rise	-4955 Apr 24 j 07:54	14°♌37'37		evening rise	-4953 Oct 20 j 09:43	0°♌52'36		
desc. node	-4955 May 05 j 13:39	10°♌21'56		desc. node	-4953 Oct 21 j 08:44	2°♌04'45		
direct	-4955 May 09 j 22:43	9°♌59'20			-4953 Nov 12 j 16:32	0°♌		
greatest brilliancy	-4955 May 24 j 10:25	13°♌38'11	-4.5m		-4953 Dec 06 j 20:03	0°♊		
	-4955 Jun 16 j 21:32	0°♍			-4953 Dec 31 j 04:57	0°♊		
morning max el	-4955 Jun 28 j 08:58	10°♍36'36	46°11'10		-4952 Jan 24 j 22:26	0°♋		
	-4955 Jul 17 j 03:55	0°♎		asc. node	-4952 Feb 11 j 00:39	20°♋20'52		
	-4955 Aug 12 j 16:27	0°♏			-4952 Feb 19 j 06:19	0°♌		
asc. node	-4955 Aug 26 j 08:36	16°♏14'04			-4952 Mar 16 j 15:10	0°♍		
	-4955 Sep 06 j 17:28	0°♏			-4952 Apr 14 j 03:31	0°♎		
	-4955 Oct 01 j 01:09	0°♏		evening max el	-4952 Apr 19 j 08:46	5°♎02'46	45°16'12	
	-4955 Oct 25 j 01:46	0°♎			-4952 May 21 j 17:16	0°♏		
	-4955 Nov 18 j 01:41	0°♌		greatest brilliancy	-4952 May 26 j 00:57	1°♏57'46	-4.5m	
	-4955 Dec 12 j 04:01	0°♌		desc. node	-4952 Jun 02 j 00:51	4°♏00'27		
desc. node	-4955 Dec 16 j 07:41	5°♌09'18		retrograde	-4952 Jun 06 j 22:19	4°♏27'08		
morning set	-4954 Jan 02 j 04:22	26°♌02'12		evening set	-4952 Jun 22 j 07:57	0°♏01'03		
	-4954 Jan 05 j 09:19	0°♊			-4952 Jun 22 j 08:44	30°♎♌		
	-4954 Jan 29 j 16:54	0°♊		inferior conj	-4952 Jun 28 j 01:48	26°♎40'38	-5°-43'-35	
				minimum elong	-4952 Jun 27 j 15:34	26°♎56'08	5°41'02	
superior conj	-4954 Feb 10 j 14:06	14°♊37'43	-1°-23'-6	min. Earth dist.	-4952 Jun 28 j 09:55	26°♎28'21	0.27762 AU	
minimum elong	-4954 Feb 10 j 13:55	14°♊37'10	1°23'23	morning rise	-4952 Jul 02 j 22:35	23°♎47'29		
max. Earth dist.	-4954 Feb 12 j 02:57	16°♊31'07	1.73367 AU	direct	-4952 Jul 19 j 07:08	18°♎43'16		
	-4954 Feb 23 j 02:04	0°♋		greatest brilliancy	-4952 Aug 02 j 15:21	22°♎21'49	-4.6m	
evening rise	-4954 Mar 19 j 16:15	0°♌11'20			-4952 Aug 14 j 22:40	0°♏		
	-4954 Mar 19 j 12:33	0°♌		morning max el	-4952 Sep 07 j 16:57	21°♏17'34	46°45'32	
asc. node	-4954 Apr 07 j 23:18	23°♌49'15			-4952 Sep 16 j 01:32	0°♏		
	-4954 Apr 13 j 00:31	0°♍		asc. node	-4952 Sep 22 j 20:00	7°♏20'39		
	-4954 May 07 j 14:16	0°♎			-4952 Oct 12 j 17:25	0°♏		
	-4954 Jun 01 j 06:32	0°♏			-4952 Nov 06 j 21:24	0°♎		
	-4954 Jun 26 j 03:03	0°♏			-4952 Dec 01 j 13:24	0°♌		
	-4954 Jul 21 j 07:36	0°♏			-4952 Dec 26 j 02:49	0°♌		
desc. node	-4954 Jul 28 j 21:37	8°♏54'19		desc. node	-4951 Jan 12 j 19:59	21°♌37'38		

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4951 Jan 19 j 16:41	0°♊	evening set	-4949 Sep 07 j 20:53	12°♏47'37	
	-4951 Feb 13 j 07:01	0°♋	inferior conj	-4949 Sep 11 j 04:12	10°♏49'11	-8°-12'-15
	-4951 Mar 09 j 20:46	0°♌	minimum elong	-4949 Sep 11 j 12:39	10°♏36'24	8°10'54
morning set	-4951 Mar 14 j 09:37	5°♌32'45	min. Earth dist.	-4949 Sep 11 j 10:29	10°♏39'41	0.26618 AU
	-4951 Apr 03 j 09:01	0°♍	morning rise	-4949 Sep 15 j 04:21	8°♏26'32	
max. Earth dist.	-4951 Apr 16 j 21:17	16°♍34'58	1.73654 AU	direct	-4949 Oct 01 j 13:27	3°♏12'41
			greatest brilliancy	-4949 Oct 14 j 03:24	6°♏11'23	-4.7m
superior conj	-4951 Apr 19 j 09:28	19°♍39'51	0°-36'-22	asc. node	-4949 Oct 21 j 07:01	10°♏03'23
minimum elong	-4951 Apr 19 j 15:55	19°♍59'39	0°36'10		-4949 Nov 14 j 11:11	0°♐
	-4951 Apr 27 j 19:14	0°♑	morning max el	-4949 Nov 21 j 06:29	6°♐45'38	46°44'16
asc. node	-4951 May 05 j 11:53	9°♑28'22		-4949 Dec 12 j 23:06	0°♑	
	-4951 May 22 j 03:14	0°♒		-4948 Jan 08 j 07:06	0°♒	
evening rise	-4951 May 24 j 23:34	3°♒30'57		-4948 Feb 02 j 22:16	0°♓	
	-4951 Jun 15 j 09:23	0°♓	desc. node	-4948 Feb 10 j 08:05	8°♓45'17	
	-4951 Jul 09 j 14:43	0°♈		-4948 Feb 28 j 05:25	0°♈	
	-4951 Aug 02 j 21:01	0°♉		-4948 Mar 24 j 06:37	0°♈	
desc. node	-4951 Aug 25 j 09:51	27°♉42'54		-4948 Apr 18 j 02:06	0°♉	
	-4951 Aug 27 j 06:38	0°♊		-4948 May 12 j 15:48	0°♊	
	-4951 Sep 20 j 22:42	0°♋	morning set	-4948 May 20 j 02:48	9°♊09'52	
	-4951 Oct 16 j 03:04	0°♌	asc. node	-4948 Jun 02 j 00:24	25°♊04'48	
	-4951 Nov 11 j 11:02	0°♍		-4948 Jun 05 j 23:46	0°♋	
evening max el	-4951 Nov 26 j 00:30	15°♍25'04	46°41'46	max. Earth dist.	-4948 Jun 20 j 20:32	18°♋27'43
	-4951 Dec 11 j 08:15	0°♎				1.72333 AU
asc. node	-4951 Dec 16 j 03:18	4°♎02'26		superior conj	-4948 Jun 25 j 07:13	23°♋59'59
greatest brilliancy	-4951 Dec 31 j 11:49	14°♎22'12	-4.6m	minimum elong	-4948 Jun 24 j 22:48	23°♋33'43
retrograde	-4950 Jan 15 j 10:56	18°♎26'56			-4948 Jun 30 j 02:39	0°♌
evening set	-4950 Feb 02 j 01:53	12°♎23'33			-4948 Jul 24 j 01:52	0°♍
inferior conj	-4950 Feb 05 j 19:32	10°♎01'45	8°12'48	evening rise	-4948 Aug 01 j 06:30	10°♍16'45
minimum elong	-4950 Feb 05 j 17:42	10°♎04'41	8°12'28		-4948 Aug 16 j 23:38	0°♎
min. Earth dist.	-4950 Feb 05 j 10:20	10°♎16'31	0.29109 AU		-4948 Sep 09 j 22:17	0°♏
morning rise	-4950 Feb 09 j 09:43	7°♎45'24		desc. node	-4948 Sep 21 j 22:12	14°♏58'44
direct	-4950 Feb 27 j 05:43	1°♎39'36			-4948 Oct 03 j 23:44	0°♐
greatest brilliancy	-4950 Mar 11 j 02:21	4°♎09'26	-4.5m		-4948 Oct 28 j 05:38	0°♑
desc. node	-4950 Apr 07 j 04:38	22°♎23'50			-4948 Nov 21 j 18:43	0°♒
	-4950 Apr 15 j 14:15	0°♏			-4948 Dec 16 j 21:18	0°♓
morning max el	-4950 Apr 16 j 23:54	1°♏19'29	45°50'01		-4947 Jan 12 j 04:17	0°♈
	-4950 May 14 j 21:58	0°♉		asc. node	-4947 Jan 12 j 14:53	0°♈29'05
	-4950 Jun 10 j 14:20	0°♊		evening max el	-4947 Feb 04 j 23:45	24°♈47'05
	-4950 Jul 06 j 00:33	0°♋			-4947 Feb 10 j 12:15	0°♉
asc. node	-4950 Jul 28 j 22:55	27°♋53'53		greatest brilliancy	-4947 Mar 10 j 22:30	20°♉48'59
	-4950 Jul 30 j 15:53	0°♌		retrograde	-4947 Mar 25 j 08:04	24°♉23'57
	-4950 Aug 23 j 18:52	0°♍		evening set	-4947 Apr 10 j 04:59	19°♉35'57
	-4950 Sep 16 j 15:04	0°♎		inferior conj	-4947 Apr 15 j 18:22	16°♉14'24
	-4950 Oct 10 j 09:15	0°♏		minimum elong	-4947 Apr 16 j 02:08	16°♉02'15
morning set	-4950 Oct 14 j 10:54	5°♏08'00		min. Earth dist.	-4947 Apr 16 j 13:30	15°♉44'28
	-4950 Nov 03 j 04:55	0°♐		morning rise	-4947 Apr 21 j 22:55	12°♉30'39
desc. node	-4950 Nov 17 j 21:16	18°♐24'31		desc. node	-4947 May 04 j 15:43	8°♉00'58
				direct	-4947 May 07 j 15:33	7°♉50'29
superior conj	-4950 Nov 25 j 16:43	28°♐10'35	0°-17'-58	greatest brilliancy	-4947 May 22 j 00:15	11°♉25'37
minimum elong	-4950 Nov 25 j 11:54	27°♐55'31	0°17'52		-4947 Jun 17 j 01:04	0°♊
	-4950 Nov 27 j 03:45	0°♑		morning max el	-4947 Jun 26 j 00:25	8°♊23'25
max. Earth dist.	-4950 Nov 30 j 19:22	4°♑33'24	1.71735 AU		-4947 Jul 16 j 21:01	0°♋
	-4950 Dec 21 j 06:03	0°♒			-4947 Aug 12 j 06:34	0°♌
evening rise	-4949 Jan 05 j 21:16	19°♒22'30		asc. node	-4947 Aug 25 j 10:44	15°♌40'33
	-4949 Jan 14 j 11:40	0°♓			-4947 Sep 06 j 06:15	0°♍
	-4949 Feb 07 j 21:03	0°♈			-4947 Sep 30 j 13:16	0°♎
	-4949 Mar 04 j 11:39	0°♉			-4947 Oct 24 j 13:31	0°♏
asc. node	-4949 Mar 10 j 12:55	7°♉19'34			-4947 Nov 17 j 13:13	0°♐
	-4949 Mar 29 j 09:33	0°♊			-4947 Dec 11 j 15:21	0°♑
	-4949 Apr 23 j 17:40	0°♋		desc. node	-4947 Dec 15 j 09:48	4°♑40'48
	-4949 May 19 j 17:25	0°♌		morning set	-4947 Dec 30 j 16:16	23°♑36'03
	-4949 Jun 15 j 22:58	0°♍			-4946 Jan 04 j 20:29	0°♒
desc. node	-4949 Jun 30 j 12:10	14°♍57'11			-4946 Jan 29 j 03:56	0°♓
evening max el	-4949 Jul 02 j 11:44	16°♍53'59	46°37'53			
	-4949 Jul 16 j 17:35	0°♎		superior conj	-4946 Feb 08 j 05:42	12°♎24'13
greatest brilliancy	-4949 Aug 11 j 05:24	16°♎23'18	-4.6m	minimum elong	-4946 Feb 08 j 04:44	12°♎21'16
retrograde	-4949 Aug 21 j 13:10	18°♎29'43		max. Earth dist.	-4946 Feb 09 j 23:29	14°♎32'49
						1.73327 AU

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4946 Feb 22 j 13:01	0°≈		greatest brilliancy	-4944 Jul 31 j 08:34	20°♄05'11	-4.6m
evening rise	-4946 Mar 17 j 10:05	28°≈05'11			-4944 Aug 15 j 14:42	0°♂	
	-4946 Mar 18 j 23:32	0°♂		morning max el	-4944 Sep 05 j 07:21	18°♂54'52	46°44'50
asc. node	-4946 Apr 07 j 01:19	23°♂21'30			-4944 Sep 15 j 21:20	0°♄	
	-4946 Apr 12 j 11:40	0°♀		asc. node	-4944 Sep 21 j 22:03	6°♄35'40	
	-4946 May 07 j 01:45	0°♂			-4944 Oct 12 j 08:58	0°♂	
	-4946 May 31 j 18:33	0°♂			-4944 Nov 06 j 11:09	0°♂	
	-4946 Jun 25 j 15:53	0°♄			-4944 Dec 01 j 02:09	0°♂	
	-4946 Jul 20 j 21:43	0°♂			-4944 Dec 25 j 14:54	0°♂	
desc. node	-4946 Jul 27 j 23:51	8°♂18'14		desc. node	-4943 Jan 11 j 22:12	21°♂08'30	
	-4946 Aug 15 j 20:35	0°♂			-4943 Jan 19 j 04:20	0°♂	
	-4946 Sep 12 j 12:23	0°♂			-4943 Feb 12 j 18:20	0°♄	
evening max el	-4946 Sep 13 j 19:35	1°♂19'28	47°38'31		-4943 Mar 09 j 07:52	0°≈	
	-4946 Oct 18 j 00:50	0°♂		morning set	-4943 Mar 12 j 03:27	3°≈26'36	
greatest brilliancy	-4946 Oct 22 j 05:27	2°♂07'30	-4.7m		-4943 Apr 02 j 20:01	0°♂	
retrograde	-4946 Nov 03 j 20:52	5°♂07'50		max. Earth dist.	-4943 Apr 14 j 19:56	14°♂43'23	1.73677 AU
asc. node	-4946 Nov 17 j 18:08	1°♂11'12					
evening set	-4946 Nov 18 j 10:17	0°♂49'10		superior conj	-4943 Apr 17 j 04:31	17°♂37'10	0°-39'-3
	-4946 Nov 19 j 20:46	30°♂		minimum elong	-4943 Apr 17 j 11:20	17°♂58'06	0°38'51
min. Earth dist.	-4946 Nov 23 j 16:56	27°♂38'55	0.26988 AU		-4943 Apr 27 j 06:13	0°♀	
inferior conj	-4946 Nov 24 j 14:24	27°♂05'10	1°42'32	asc. node	-4943 May 04 j 13:58	9°♀00'52	
minimum elong	-4946 Nov 24 j 10:45	27°♂10'54	1°41'19		-4943 May 21 j 14:20	0°♂	
morning rise	-4946 Nov 30 j 12:11	23°♂32'35		evening rise	-4943 May 22 j 18:51	1°♂28'03	
direct	-4946 Dec 15 j 00:54	19°♂19'08			-4943 Jun 14 j 20:42	0°♂	
greatest brilliancy	-4946 Dec 25 j 18:29	21°♂28'16	-4.6m		-4943 Jul 09 j 02:22	0°♄	
	-4945 Jan 09 j 18:16	0°♂			-4943 Aug 02 j 09:07	0°♂	
morning max el	-4945 Feb 02 j 07:22	20°♂19'41	46°08'58	desc. node	-4943 Aug 24 j 11:52	27°♂10'27	
	-4945 Feb 12 j 00:14	0°♂			-4943 Aug 26 j 19:19	0°♂	
desc. node	-4945 Mar 09 j 19:35	27°♂35'05			-4943 Sep 20 j 12:13	0°♂	
	-4945 Mar 11 j 23:54	0°♄			-4943 Oct 15 j 18:02	0°♂	
	-4945 Apr 07 j 10:30	0°≈			-4943 Nov 11 j 05:13	0°♂	
	-4945 May 03 j 01:26	0°♂		evening max el	-4943 Nov 23 j 16:35	13°♂09'13	46°45'10
	-4945 May 28 j 02:29	0°♀			-4943 Dec 11 j 15:05	0°♄	
	-4945 Jun 21 j 16:17	0°♂		asc. node	-4943 Dec 15 j 05:35	2°♄56'45	
asc. node	-4945 Jun 30 j 12:51	10°♂56'06		greatest brilliancy	-4943 Dec 29 j 04:37	12°♄10'34	-4.6m
	-4945 Jul 15 j 20:54	0°♂		retrograde	-4942 Jan 13 j 04:39	16°♄16'32	
morning set	-4945 Jul 29 j 01:03	16°♂29'24		evening set	-4942 Jan 30 j 17:34	10°♄14'45	
	-4945 Aug 08 j 18:54	0°♄		min. Earth dist.	-4942 Feb 03 j 01:36	8°♄08'34	0.29062 AU
	-4945 Sep 01 j 13:30	0°♂		inferior conj	-4942 Feb 03 j 12:27	7°♄51'10	8°11'00
				minimum elong	-4942 Feb 03 j 09:57	7°♄55'09	8°10'39
superior conj	-4945 Sep 05 j 21:50	5°♂29'28	1°19'23	morning rise	-4942 Feb 07 j 02:35	5°♄35'08	
minimum elong	-4945 Sep 06 j 04:33	5°♂50'42	1°19'30		-4942 Feb 19 j 21:55	30°♂	
max. Earth dist.	-4945 Sep 06 j 01:29	5°♂41'01	1.70868 AU	direct	-4942 Feb 24 j 22:01	29°♂29'46	
	-4945 Sep 25 j 07:52	0°♂			-4942 Mar 02 j 01:51	0°♄	
evening rise	-4945 Oct 17 j 18:09	28°♂12'57		greatest brilliancy	-4942 Mar 08 j 16:24	1°♄57'57	-4.5m
	-4945 Oct 19 j 04:16	0°♂		desc. node	-4942 Apr 06 j 06:45	21°♄28'51	
desc. node	-4945 Oct 20 j 10:46	1°♂35'36		morning max el	-4942 Apr 14 j 17:04	29°♄12'37	45°49'53
	-4945 Nov 12 j 03:54	0°♂			-4942 Apr 15 j 12:58	0°≈	
	-4945 Dec 06 j 07:33	0°♂			-4942 May 14 j 13:53	0°♂	
	-4945 Dec 30 j 16:42	0°♄			-4942 Jun 10 j 03:55	0°♀	
	-4944 Jan 24 j 10:43	0°≈			-4942 Jul 05 j 13:03	0°♂	
asc. node	-4944 Feb 10 j 02:44	19°≈49'07		asc. node	-4942 Jul 28 j 01:03	27°♂23'31	
	-4944 Feb 18 j 19:38	0°♂			-4942 Jul 30 j 03:50	0°♂	
	-4944 Mar 16 j 06:45	0°♀			-4942 Aug 23 j 06:33	0°♄	
	-4944 Apr 14 j 01:21	0°♂			-4942 Sep 16 j 02:35	0°♂	
evening max el	-4944 Apr 16 j 22:40	2°♂46'09	45°14'41		-4942 Oct 09 j 20:41	0°♂	
greatest brilliancy	-4944 May 23 j 11:17	29°♂36'27	-4.5m	morning set	-4942 Oct 11 j 20:55	2°♂32'08	
	-4944 May 24 j 11:37	0°♂			-4942 Nov 02 j 16:18	0°♂	
desc. node	-4944 Jun 01 j 03:02	1°♂56'33		desc. node	-4942 Nov 16 j 23:23	17°♂55'31	
retrograde	-4944 Jun 04 j 11:58	2°♂09'24					
	-4944 Jun 15 j 01:30	30°♂		superior conj	-4942 Nov 23 j 01:49	25°♂33'32	0°-14'-5
evening set	-4944 Jun 19 j 19:06	27°♂45'59		minimum elong	-4942 Nov 22 j 21:59	25°♂21'33	0°14'01
inferior conj	-4944 Jun 25 j 15:43	24°♂22'04	-5°-26'-19	behind sun begin	-4942 Nov 22 j 07:57	24°♂37'41	
minimum elong	-4944 Jun 25 j 05:42	24°♂37'14	5°23'44	behind sun end	-4942 Nov 23 j 12:01	26°♂05'24	
min. Earth dist.	-4944 Jun 26 j 00:19	24°♂09'03	0.27809 AU		-4942 Nov 26 j 15:07	0°♂	
morning rise	-4944 Jun 30 j 15:38	21°♂24'38		max. Earth dist.	-4942 Nov 28 j 05:12	1°♂58'55	1.71676 AU
direct	-4944 Jul 16 j 21:35	16°♂23'26			-4942 Dec 20 j 17:21	0°♂	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

evening rise	-4941 Jan 03 j 10:10	16° ♁ 59'11		asc. node	-4939 Aug 24 j 12:46	15° ♁ 06'22	
	-4941 Jan 13 j 22:54	0° ♁			-4939 Sep 05 j 19:10	0° ♁	
	-4941 Feb 07 j 08:22	0° ♁			-4939 Sep 30 j 01:34	0° ♁	
	-4941 Mar 03 j 23:13	0° ♁			-4939 Oct 24 j 01:27	0° ♁	
asc. node	-4941 Mar 09 j 14:58	6° ♁ 50'32			-4939 Nov 17 j 00:52	0° ♁	
	-4941 Mar 28 j 21:41	0° ♁			-4939 Dec 11 j 02:47	0° ♁	
	-4941 Apr 23 j 06:51	0° ♁		desc. node	-4939 Dec 14 j 11:59	4° ♁ 12'09	
	-4941 May 19 j 08:32	0° ♁		morning set	-4939 Dec 28 j 03:56	21° ♁ 08'44	
	-4941 Jun 15 j 18:18	0° ♁			-4938 Jan 04 j 07:43	0° ♁	
desc. node	-4941 Jun 29 j 14:24	14° ♁ 04'24			-4938 Jan 28 j 15:01	0° ♁	
evening max el	-4941 Jun 30 j 01:52	14° ♁ 32'21	46°34'29				
	-4941 Jul 17 j 04:29	0° ♁		superior conj	-4938 Feb 05 j 21:18	10° ♁ 10'30	-1°-22'-48
greatest brilliancy	-4941 Aug 08 j 16:47	14° ♁ 01'23	-4.6m	minimum elong	-4938 Feb 05 j 19:34	10° ♁ 05'12	1°23'05
retrograde	-4941 Aug 19 j 01:09	15° ♁ 59'16		max. Earth dist.	-4938 Feb 07 j 18:31	12° ♁ 29'42	1.73283 AU
evening set	-4941 Sep 05 j 11:36	10° ♁ 13'25			-4938 Feb 22 j 00:01	0° ♁	
inferior conj	-4941 Sep 08 j 16:06	8° ♁ 18'57	-8°-21'-41	evening rise	-4938 Mar 15 j 04:03	25° ♁ 59'17	
minimum elong	-4941 Sep 08 j 23:55	8° ♁ 07'07	8°20'32		-4938 Mar 18 j 10:33	0° ♁	
min. Earth dist.	-4941 Sep 08 j 22:20	8° ♁ 09'31	0.26647 AU	asc. node	-4938 Apr 06 j 03:29	22° ♁ 54'12	
morning rise	-4941 Sep 12 j 12:10	6° ♁ 02'08			-4938 Apr 11 j 22:49	0° ♁	
direct	-4941 Sep 29 j 02:29	0° ♁ 42'24			-4938 May 06 j 13:13	0° ♁	
greatest brilliancy	-4941 Oct 11 j 16:08	3° ♁ 40'54	-4.7m		-4938 May 31 j 06:33	0° ♁	
asc. node	-4941 Oct 20 j 09:12	8° ♁ 33'35			-4938 Jun 25 j 04:45	0° ♁	
	-4941 Nov 14 j 13:01	0° ♁			-4938 Jul 20 j 11:58	0° ♁	
morning max el	-4941 Nov 18 j 19:57	4° ♁ 18'26	46°45'01	desc. node	-4938 Jul 27 j 01:51	7° ♁ 41'03	
	-4941 Dec 12 j 16:41	0° ♁			-4938 Aug 15 j 13:23	0° ♁	
	-4940 Jan 07 j 21:45	0° ♁		evening max el	-4938 Sep 11 j 09:09	28° ♁ 53'22	47°38'07
	-4940 Feb 02 j 11:24	0° ♁			-4938 Sep 12 j 11:32	0° ♁	
desc. node	-4940 Feb 09 j 10:02	8° ♁ 13'07		greatest brilliancy	-4938 Oct 19 j 22:55	29° ♁ 44'50	-4.7m
	-4940 Feb 27 j 17:37	0° ♁			-4938 Oct 20 j 12:47	0° ♁	
	-4940 Mar 23 j 18:12	0° ♁		retrograde	-4938 Nov 01 j 10:21	2° ♁ 41'12	
	-4940 Apr 17 j 13:20	0° ♁			-4938 Nov 12 j 19:43	30° ♁	
	-4940 May 12 j 02:51	0° ♁		evening set	-4938 Nov 15 j 23:53	28° ♁ 23'23	
morning set	-4940 May 17 j 21:50	7° ♁ 06'53		asc. node	-4938 Nov 16 j 20:23	27° ♁ 54'35	
asc. node	-4940 Jun 01 j 02:36	24° ♁ 37'34		min. Earth dist.	-4938 Nov 21 j 07:57	25° ♁ 11'33	0.26926 AU
	-4940 Jun 05 j 10:48	0° ♁		inferior conj	-4938 Nov 22 j 04:02	24° ♁ 40'01	1°20'08
max. Earth dist.	-4940 Jun 18 j 11:36	16° ♁ 10'53	1.72400 AU	minimum elong	-4938 Nov 22 j 01:10	24° ♁ 44'33	1°19'08
				morning rise	-4938 Nov 28 j 03:16	21° ♁ 05'29	
superior conj	-4940 Jun 23 j 00:55	21° ♁ 51'07	0°48'25	direct	-4938 Dec 12 j 13:15	16° ♁ 54'52	
minimum elong	-4940 Jun 22 j 16:44	21° ♁ 25'37	0°48'17	greatest brilliancy	-4938 Dec 23 j 09:29	19° ♁ 06'15	-4.6m
	-4940 Jun 29 j 13:45	0° ♁			-4937 Jan 10 j 12:01	0° ♁	
	-4940 Jul 23 j 13:06	0° ♁		morning max el	-4937 Jan 30 j 20:41	17° ♁ 58'51	46°10'16
evening rise	-4940 Jul 29 j 21:14	7° ♁ 56'54			-4937 Feb 11 j 19:59	0° ♁	
	-4940 Aug 16 j 11:04	0° ♁		desc. node	-4937 Mar 08 j 21:42	26° ♁ 58'23	
	-4940 Sep 09 j 09:57	0° ♁			-4937 Mar 11 j 15:00	0° ♁	
desc. node	-4940 Sep 21 j 00:15	14° ♁ 28'29			-4937 Apr 06 j 23:38	0° ♁	
	-4940 Oct 03 j 11:40	0° ♁			-4937 May 02 j 13:31	0° ♁	
	-4940 Oct 27 j 17:54	0° ♁			-4937 May 27 j 13:59	0° ♁	
	-4940 Nov 21 j 07:33	0° ♁			-4937 Jun 21 j 03:28	0° ♁	
	-4940 Dec 16 j 11:13	0° ♁		asc. node	-4937 Jun 29 j 14:59	10° ♁ 28'16	
asc. node	-4939 Jan 11 j 17:00	29° ♁ 49'44			-4937 Jul 15 j 07:56	0° ♁	
	-4939 Jan 11 j 20:45	0° ♁		morning set	-4937 Jul 26 j 16:05	14° ♁ 11'21	
evening max el	-4939 Feb 02 j 15:17	22° ♁ 34'59	45°21'28		-4937 Aug 08 j 05:56	0° ♁	
	-4939 Feb 10 j 13:31	0° ♁			-4937 Sep 01 j 00:37	0° ♁	
greatest brilliancy	-4939 Mar 08 j 14:50	18° ♁ 41'34	-4.5m				
retrograde	-4939 Mar 23 j 00:13	22° ♁ 17'14		superior conj	-4937 Sep 03 j 09:46	3° ♁ 00'28	1°20'30
evening set	-4939 Apr 08 j 00:03	17° ♁ 25'50		minimum elong	-4937 Sep 03 j 15:39	3° ♁ 19'02	1°20'39
inferior conj	-4939 Apr 13 j 11:16	14° ♁ 07'06	4°23'28	max. Earth dist.	-4937 Sep 03 j 07:37	2° ♁ 53'42	1.70895 AU
minimum elong	-4939 Apr 13 j 19:20	13° ♁ 54'26	4°21'27		-4937 Sep 24 j 19:05	0° ♁	
min. Earth dist.	-4939 Apr 14 j 06:24	13° ♁ 37'05	0.29153 AU	evening rise	-4937 Oct 15 j 02:28	25° ♁ 33'02	
morning rise	-4939 Apr 19 j 14:11	10° ♁ 24'57			-4937 Oct 18 j 15:35	0° ♁	
desc. node	-4939 May 03 j 17:53	5° ♁ 45'41		desc. node	-4937 Oct 19 j 12:57	1° ♁ 07'00	
direct	-4939 May 05 j 08:16	5° ♁ 42'43			-4937 Nov 11 j 15:17	0° ♁	
greatest brilliancy	-4939 May 19 j 14:51	9° ♁ 14'41	-4.5m		-4937 Dec 05 j 19:04	0° ♁	
	-4939 Jun 17 j 02:59	0° ♁			-4937 Dec 30 j 04:28	0° ♁	
morning max el	-4939 Jun 23 j 15:26	6° ♁ 09'21	46°08'41		-4936 Jan 23 j 22:58	0° ♁	
	-4939 Jul 16 j 13:50	0° ♁		asc. node	-4936 Feb 09 j 04:48	19° ♁ 17'29	
	-4939 Aug 11 j 20:40	0° ♁			-4936 Feb 18 j 08:56	0° ♁	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4936 Mar 15 j 22:25	0°♄		morning set	-4934 Oct 09 j 07:33	29°♌59'20	
	-4936 Apr 13 j 23:47	0°♄			-4934 Oct 09 j 07:45	0°♍	
evening max el	-4936 Apr 14 j 13:33	0°♄32'43	45°13'23		-4934 Nov 02 j 03:20	0°♎	
greatest brilliancy	-4936 May 20 j 21:36	27°♄16'37	-4.5m	desc. node	-4934 Nov 16 j 01:32	17°♎27'51	
desc. node	-4936 May 31 j 05:15	29°♄49'20					
retrograde	-4936 Jun 02 j 02:24	29°♄53'23		superior conj	-4934 Nov 20 j 11:09	22°♎58'15	0°-10'-12
evening set	-4936 Jun 17 j 06:50	25°♄32'32		minimum elong	-4934 Nov 20 j 08:21	22°♎49'30	0°10'10
inferior conj	-4936 Jun 23 j 05:54	22°♄05'14	-5°-8'-39	behind sun begin	-4934 Nov 19 j 10:53	21°♎42'21	
minimum elong	-4936 Jun 22 j 20:10	22°♄19'58	5°06'05	behind sun end	-4934 Nov 21 j 05:49	23°♎56'38	
min. Earth dist.	-4936 Jun 23 j 14:39	21°♄52'01	0.27853 AU	max. Earth dist.	-4934 Nov 25 j 18:16	29°♎35'33	1.71624 AU
morning rise	-4936 Jun 28 j 08:53	19°♄03'46			-4934 Nov 26 j 02:06	0°♏	
direct	-4936 Jul 14 j 12:49	14°♄05'40			-4934 Dec 20 j 04:19	0°♐	
greatest brilliancy	-4936 Jul 29 j 01:17	17°♄49'43	-4.6m	evening rise	-4934 Dec 31 j 22:53	14°♐36'02	
	-4936 Aug 16 j 02:06	0°♑			-4933 Jan 13 j 09:54	0°♑	
morning max el	-4936 Sep 02 j 22:26	16°♑35'20	46°43'59		-4933 Feb 06 j 19:27	0°♒	
	-4936 Sep 15 j 16:13	0°♑			-4933 Mar 03 j 10:36	0°♓	
asc. node	-4936 Sep 21 j 00:19	5°♑52'48		asc. node	-4933 Mar 08 j 17:10	6°♓22'32	
	-4936 Oct 12 j 00:02	0°♒			-4933 Mar 28 j 09:39	0°♑	
	-4936 Nov 06 j 00:36	0°♒			-4933 Apr 22 j 19:53	0°♄	
	-4936 Nov 30 j 14:42	0°♓			-4933 May 18 j 23:33	0°♑	
	-4936 Dec 25 j 02:52	0°♏			-4933 Jun 15 j 13:48	0°♑	
desc. node	-4935 Jan 11 j 00:12	20°♏38'59		evening max el	-4933 Jun 27 j 15:18	12°♑10'05	46°31'04
	-4935 Jan 18 j 15:51	0°♐		desc. node	-4933 Jun 28 j 16:25	13°♑10'59	
	-4935 Feb 12 j 05:31	0°♑			-4933 Jul 17 j 18:21	0°♒	
	-4935 Mar 08 j 18:48	0°♒		greatest brilliancy	-4933 Aug 06 j 05:10	11°♒33'33	-4.6m
morning set	-4935 Mar 09 j 20:55	1°♒19'52		retrograde	-4933 Aug 16 j 12:42	13°♒30'13	
	-4935 Apr 02 j 06:48	0°♓		evening set	-4933 Sep 03 j 02:13	7°♒41'11	
max. Earth dist.	-4935 Apr 12 j 19:37	12°♓55'39	1.73694 AU	inferior conj	-4933 Sep 06 j 04:08	5°♒50'21	-8°-30'-6
				minimum elong	-4933 Sep 06 j 11:13	5°♒39'37	8°29'09
superior conj	-4935 Apr 14 j 23:27	15°♓34'48	0°-41'-42	min. Earth dist.	-4933 Sep 06 j 10:34	5°♒40'35	0.26674 AU
minimum elong	-4935 Apr 15 j 06:36	15°♓56'46	0°41'30	morning rise	-4933 Sep 09 j 20:10	3°♒39'07	
	-4935 Apr 26 j 16:58	0°♑			-4933 Sep 17 j 07:32	30°♒♑	
asc. node	-4935 May 03 j 16:10	8°♑34'25		direct	-4933 Sep 26 j 15:06	28°♑13'40	
evening rise	-4935 May 20 j 14:19	29°♑26'24			-4933 Oct 06 j 05:28	0°♒	
	-4935 May 21 j 01:12	0°♄		greatest brilliancy	-4933 Oct 09 j 05:22	1°♒12'19	-4.7m
	-4935 Jun 14 j 07:48	0°♑		asc. node	-4933 Oct 19 j 11:23	7°♒08'07	
	-4935 Jul 08 j 13:46	0°♑			-4933 Nov 14 j 13:05	0°♒	
	-4935 Aug 01 j 20:55	0°♒		morning max el	-4933 Nov 16 j 08:24	1°♒49'48	46°45'52
desc. node	-4935 Aug 23 j 14:00	26°♒39'24			-4933 Dec 12 j 09:26	0°♓	
	-4935 Aug 26 j 07:40	0°♒			-4932 Jan 07 j 11:49	0°♏	
	-4935 Sep 20 j 01:27	0°♓			-4932 Feb 02 j 00:04	0°♐	
	-4935 Oct 15 j 08:49	0°♏		desc. node	-4932 Feb 08 j 12:11	7°♐42'39	
	-4935 Nov 10 j 23:32	0°♐			-4932 Feb 27 j 05:27	0°♑	
evening max el	-4935 Nov 21 j 09:16	10°♐55'18	46°48'10		-4932 Mar 23 j 05:31	0°♒	
	-4935 Dec 12 j 00:21	0°♑			-4932 Apr 17 j 00:19	0°♓	
asc. node	-4935 Dec 14 j 07:42	1°♑49'06			-4932 May 11 j 13:40	0°♑	
greatest brilliancy	-4935 Dec 26 j 22:24	10°♑00'04	-4.6m	morning set	-4932 May 15 j 16:35	5°♑03'51	
retrograde	-4934 Jan 10 j 22:12	14°♑05'20		asc. node	-4932 May 31 j 04:40	24°♑10'41	
evening set	-4934 Jan 28 j 08:43	8°♑05'51			-4932 Jun 04 j 21:33	0°♄	
min. Earth dist.	-4934 Jan 31 j 16:31	6°♑00'03	0.29013 AU	max. Earth dist.	-4932 Jun 16 j 04:09	13°♄59'39	1.72464 AU
inferior conj	-4934 Feb 01 j 05:05	5°♑39'55	8°08'27				
minimum elong	-4934 Feb 01 j 01:55	5°♑44'59	8°08'03	superior conj	-4932 Jun 20 j 18:31	19°♄42'56	0°45'46
morning rise	-4934 Feb 04 j 19:25	3°♑23'44		minimum elong	-4932 Jun 20 j 10:37	19°♄18'21	0°45'39
	-4934 Feb 11 j 01:34	30°♒♐			-4932 Jun 29 j 00:33	0°♑	
direct	-4934 Feb 22 j 14:26	27°♐19'31			-4932 Jul 23 j 00:02	0°♑	
greatest brilliancy	-4934 Mar 06 j 05:28	29°♐45'08	-4.5m	evening rise	-4932 Jul 27 j 12:07	5°♑38'40	
	-4934 Mar 06 j 20:15	0°♑			-4932 Aug 15 j 22:12	0°♒	
desc. node	-4934 Apr 05 j 08:58	20°♑35'27			-4932 Sep 08 j 21:20	0°♒	
morning max el	-4934 Apr 12 j 09:48	27°♑05'08	45°49'51	desc. node	-4932 Sep 20 j 02:26	13°♒59'32	
	-4934 Apr 15 j 10:37	0°♒			-4932 Oct 02 j 23:18	0°♓	
	-4934 May 14 j 05:18	0°♓			-4932 Oct 27 j 05:52	0°♏	
	-4934 Jun 09 j 17:06	0°♑			-4932 Nov 20 j 20:03	0°♐	
	-4934 Jul 05 j 01:12	0°♄			-4932 Dec 16 j 00:51	0°♑	
asc. node	-4934 Jul 27 j 03:03	26°♄53'49		asc. node	-4931 Jan 10 j 19:04	29°♑10'55	
	-4934 Jul 29 j 15:27	0°♑			-4931 Jan 11 j 13:08	0°♒	
	-4934 Aug 22 j 17:52	0°♑		evening max el	-4931 Jan 31 j 05:45	20°♒21'07	45°23'16
	-4934 Sep 15 j 13:45	0°♒			-4931 Feb 10 j 15:48	0°♓	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

greatest brilliancy	-4931 Mar 06 j 06:00	16° K 33'06	-4.5m	superior conj	-4929 Aug 31 j 21:37	0° Q 31'18	1°21'27
retrograde	-4931 Mar 20 j 16:18	20° K 10'55		minimum elong	-4929 Sep 01 j 02:38	0° Q 47'07	1°21'39
evening set	-4931 Apr 05 j 19:01	15° K 15'39		max. Earth dist.	-4929 Aug 31 j 15:36	0° Q 12'17	1.70917 AU
inferior conj	-4931 Apr 11 j 04:01	11° K 59'59	4°39'05		-4929 Sep 24 j 06:15	0° M	
minimum elong	-4931 Apr 11 j 12:21	11° K 46'54	4°37'04	evening rise	-4929 Oct 12 j 10:44	22° M 53'08	
min. Earth dist.	-4931 Apr 11 j 23:17	11° K 29'45	0.29189 AU		-4929 Oct 18 j 02:49	0° Q	
morning rise	-4931 Apr 17 j 05:13	8° K 19'48		desc. node	-4929 Oct 18 j 15:00	0° Q 38'13	
desc. node	-4931 May 02 j 20:03	3° K 34'56			-4929 Nov 11 j 02:38	0° M	
direct	-4931 May 03 j 00:33	3° K 34'54			-4929 Dec 05 j 06:33	0° K	
greatest brilliancy	-4931 May 17 j 06:40	7° K 05'30	-4.5m		-4929 Dec 29 j 16:13	0° Q	
	-4931 Jun 17 j 03:29	0° Y			-4928 Jan 23 j 11:14	0° \approx	
morning max el	-4931 Jun 21 j 06:34	3° Y 56'01	46°07'34	asc. node	-4928 Feb 08 j 07:05	18° \approx 46'28	
	-4931 Jul 16 j 06:10	0° K			-4928 Feb 17 j 22:17	0° K	
	-4931 Aug 11 j 10:24	0° II			-4928 Mar 15 j 14:15	0° Y	
asc. node	-4931 Aug 23 j 15:03	14° II 33'50		evening max el	-4928 Apr 12 j 05:06	28° Y 21'10	45°12'03
	-4931 Sep 05 j 07:45	0° Q			-4928 Apr 13 j 23:07	0° K	
	-4931 Sep 29 j 13:33	0° Q		greatest brilliancy	-4928 May 18 j 08:24	24° K 57'29	-4.5m
	-4931 Oct 23 j 13:06	0° M		desc. node	-4928 May 30 j 07:15	27° K 36'57	
	-4931 Nov 16 j 12:16	0° Q		retrograde	-4928 May 30 j 16:49	27° K 37'08	
	-4931 Dec 10 j 13:57	0° M		evening set	-4928 Jun 14 j 18:46	23° K 18'53	
desc. node	-4931 Dec 13 j 13:57	3° M 43'42		inferior conj	-4928 Jun 20 j 20:03	19° K 48'11	-4°-50'-33
morning set	-4931 Dec 25 j 15:37	18° M 42'09		minimum elong	-4928 Jun 20 j 10:38	20° K 02'24	4°48'01
	-4930 Jan 03 j 18:40	0° K		min. Earth dist.	-4928 Jun 21 j 04:47	19° K 34'57	0.27901 AU
	-4930 Jan 28 j 01:50	0° Q		morning rise	-4928 Jun 26 j 01:59	16° K 42'38	
				direct	-4928 Jul 12 j 04:18	11° K 47'45	
superior conj	-4930 Feb 03 j 12:59	7° Q 57'53	-1°-22'-28	greatest brilliancy	-4928 Jul 26 j 17:16	15° K 32'53	-4.6m
minimum elong	-4930 Feb 03 j 10:30	7° Q 50'13	1°22'44		-4928 Aug 16 j 10:49	0° II	
max. Earth dist.	-4930 Feb 05 j 12:42	10° Q 24'45	1.73239 AU	morning max el	-4928 Aug 31 j 13:32	14° II 15'25	46°43'02
	-4930 Feb 21 j 10:46	0° \approx			-4928 Sep 15 j 10:50	0° Q	
evening rise	-4930 Mar 12 j 22:04	23° \approx 54'20		asc. node	-4928 Sep 20 j 02:30	5° Q 09'36	
	-4930 Mar 17 j 21:22	0° K			-4928 Oct 11 j 15:04	0° Q	
asc. node	-4930 Apr 05 j 05:40	22° K 27'30			-4928 Nov 05 j 14:02	0° M	
	-4930 Apr 11 j 09:49	0° Y			-4928 Nov 30 j 03:14	0° Q	
	-4930 May 06 j 00:34	0° K			-4928 Dec 24 j 14:50	0° M	
	-4930 May 30 j 18:29	0° II		desc. node	-4927 Jan 10 j 02:19	20° M 09'45	
	-4930 Jun 24 j 17:34	0° Q			-4927 Jan 18 j 03:25	0° K	
	-4930 Jul 20 j 02:14	0° Q			-4927 Feb 11 j 16:46	0° Q	
desc. node	-4930 Jul 26 j 04:00	7° Q 04'30		morning set	-4927 Mar 07 j 14:32	29° Q 13'17	
	-4930 Aug 15 j 06:19	0° M			-4927 Mar 08 j 05:49	0° \approx	
evening max el	-4930 Sep 08 j 22:31	26° M 27'27	47°37'47		-4927 Apr 01 j 17:39	0° K	
	-4930 Sep 12 j 11:26	0° Q		max. Earth dist.	-4927 Apr 10 j 19:34	11° K 08'27	1.73706 AU
greatest brilliancy	-4930 Oct 17 j 15:20	27° Q 21'17	-4.7m				
	-4930 Oct 26 j 11:21	0° M		superior conj	-4927 Apr 12 j 18:36	13° K 32'52	0°-44'-16
retrograde	-4930 Oct 29 j 23:57	0° M 15'08		minimum elong	-4927 Apr 13 j 02:03	13° K 55'46	0°44'05
	-4930 Nov 02 j 11:19	30° R Q			-4927 Apr 26 j 03:49	0° Y	
evening set	-4930 Nov 13 j 13:37	25° Q 57'26		asc. node	-4927 May 02 j 18:14	8° Y 07'20	
asc. node	-4930 Nov 15 j 22:33	24° Q 35'32		evening rise	-4927 May 18 j 09:58	27° Y 25'09	
min. Earth dist.	-4930 Nov 18 j 22:43	22° Q 44'41	0.26869 AU		-4927 May 20 j 12:10	0° K	
inferior conj	-4930 Nov 19 j 17:38	22° Q 15'05	0°57'24		-4927 Jun 13 j 19:01	0° II	
minimum elong	-4930 Nov 19 j 15:33	22° Q 18'21	0°56'39		-4927 Jul 08 j 01:21	0° Q	
morning rise	-4930 Nov 25 j 18:12	18° Q 39'02			-4927 Aug 01 j 08:58	0° Q	
direct	-4930 Dec 10 j 01:47	14° Q 30'37		desc. node	-4927 Aug 22 j 16:11	26° Q 07'34	
greatest brilliancy	-4930 Dec 21 j 00:38	16° Q 44'41	-4.6m		-4927 Aug 25 j 20:22	0° M	
	-4929 Jan 11 j 01:05	0° M			-4927 Sep 19 j 15:04	0° Q	
morning max el	-4929 Jan 28 j 10:53	15° M 40'34	46°11'41		-4927 Oct 15 j 00:04	0° M	
	-4929 Feb 11 j 14:58	0° K			-4927 Nov 10 j 18:35	0° K	
desc. node	-4929 Mar 07 j 23:55	26° K 22'46		evening max el	-4927 Nov 19 j 01:55	8° K 40'32	46°51'17
	-4929 Mar 11 j 05:43	0° Q			-4927 Dec 12 j 13:10	0° Q	
	-4929 Apr 06 j 12:30	0° \approx		asc. node	-4927 Dec 13 j 09:49	0° Q 39'01	
	-4929 May 02 j 01:27	0° K		greatest brilliancy	-4927 Dec 24 j 17:15	7° Q 50'24	-4.6m
	-4929 May 27 j 01:24	0° Y		retrograde	-4926 Jan 08 j 15:31	11° Q 53'24	
	-4929 Jun 20 j 14:37	0° K		evening set	-4926 Jan 25 j 23:47	5° Q 56'50	
asc. node	-4929 Jun 28 j 17:03	10° Q 00'16		inferior conj	-4926 Jan 29 j 21:45	3° Q 28'10	8°05'22
	-4929 Jul 14 j 18:59	0° II		minimum elong	-4926 Jan 29 j 17:57	3° Q 34'16	8°04'52
morning set	-4929 Jul 24 j 07:02	11° II 53'10		min. Earth dist.	-4926 Jan 29 j 07:37	3° Q 50'50	0.28957 AU
	-4929 Aug 07 j 16:58	0° Q		morning rise	-4926 Feb 02 j 12:26	1° Q 11'23	
	-4929 Aug 31 j 11:43	0° Q			-4926 Feb 04 j 12:32	30° R K	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

direct	-4926 Feb 20 j 06:56	25° ♂ 08'54			-4924 Jul 22 j 11:15	0° ♂	
greatest brilliancy	-4926 Mar 03 j 18:07	27° ♂ 31'12	-4.5m	evening rise	-4924 Jul 25 j 03:41	3° ♂ 21'50	
	-4926 Mar 09 j 03:02	0° ♂			-4924 Aug 15 j 09:37	0° ♂	
desc. node	-4926 Apr 04 j 11:04	19° ♂ 42'22			-4924 Sep 08 j 09:00	0° ♂	
morning max el	-4926 Apr 10 j 01:48	24° ♂ 55'27	45°49'54	desc. node	-4924 Sep 19 j 04:30	13° ♂ 29'15	
	-4926 Apr 15 j 07:42	0° ♂			-4924 Oct 02 j 11:17	0° ♂	
	-4926 May 13 j 20:39	0° ♂			-4924 Oct 26 j 18:15	0° ♂	
	-4926 Jun 09 j 06:21	0° ♂			-4924 Nov 20 j 09:04	0° ♂	
	-4926 Jul 04 j 13:28	0° ♂			-4924 Dec 15 j 15:06	0° ♂	
asc. node	-4926 Jul 26 j 05:20	26° ♂ 24'27		asc. node	-4923 Jan 09 j 21:23	28° ♂ 30'57	
	-4926 Jul 29 j 03:14	0° ♂			-4923 Jan 11 j 06:21	0° ♂	
	-4926 Aug 22 j 05:25	0° ♂		evening max el	-4923 Jan 28 j 20:00	18° ♂ 05'16	45°25'26
	-4926 Sep 15 j 01:11	0° ♂			-4923 Feb 10 j 20:20	0° ♂	
morning set	-4926 Oct 06 j 17:46	27° ♂ 24'08		greatest brilliancy	-4923 Mar 03 j 20:19	14° ♂ 22'29	-4.5m
	-4926 Oct 08 j 19:10	0° ♂		retrograde	-4923 Mar 18 j 08:58	18° ♂ 03'54	
	-4926 Nov 01 j 14:43	0° ♂		evening set	-4923 Apr 03 j 14:05	13° ♂ 04'27	
desc. node	-4926 Nov 15 j 03:33	16° ♂ 58'37		inferior conj	-4923 Apr 08 j 20:52	9° ♂ 51'59	4°54'17
				minimum elong	-4923 Apr 09 j 05:24	9° ♂ 38'35	4°52'16
superior conj	-4926 Nov 17 j 19:56	20° ♂ 20'08	0°-6'-14	min. Earth dist.	-4923 Apr 09 j 16:01	9° ♂ 21'55	0.29222 AU
minimum elong	-4926 Nov 17 j 18:12	20° ♂ 14'43	0°06'14	morning rise	-4923 Apr 14 j 20:15	6° ♂ 14'13	
behind sun begin	-4926 Nov 16 j 16:54	18° ♂ 55'31		direct	-4923 Apr 30 j 16:56	1° ♂ 26'10	
behind sun end	-4926 Nov 18 j 19:31	21° ♂ 33'55		desc. node	-4923 May 01 j 22:08	1° ♂ 27'52	
max. Earth dist.	-4926 Nov 23 j 06:43	27° ♂ 09'02	1.71564 AU	greatest brilliancy	-4923 May 14 j 23:17	4° ♂ 56'40	-4.5m
	-4926 Nov 25 j 13:26	0° ♂			-4923 Jun 17 j 03:14	0° ♂	
	-4926 Dec 19 j 15:35	0° ♂		morning max el	-4923 Jun 18 j 22:35	1° ♂ 44'07	46°06'33
evening rise	-4926 Dec 29 j 11:04	12° ♂ 10'14			-4923 Jul 15 j 22:30	0° ♂	
	-4925 Jan 12 j 21:10	0° ♂			-4923 Aug 11 j 00:18	0° ♂	
	-4925 Feb 06 j 06:50	0° ♂		asc. node	-4923 Aug 22 j 17:10	14° ♂ 00'06	
	-4925 Mar 02 j 22:16	0° ♂			-4923 Sep 04 j 20:31	0° ♂	
asc. node	-4925 Mar 07 j 19:20	5° ♂ 53'34			-4923 Sep 29 j 01:44	0° ♂	
	-4925 Mar 27 j 21:55	0° ♂			-4923 Oct 23 j 00:58	0° ♂	
	-4925 Apr 22 j 09:14	0° ♂			-4923 Nov 15 j 23:55	0° ♂	
	-4925 May 18 j 15:00	0° ♂			-4923 Dec 10 j 01:25	0° ♂	
	-4925 Jun 15 j 10:06	0° ♂		desc. node	-4923 Dec 12 j 16:06	3° ♂ 14'48	
evening max el	-4925 Jun 25 j 03:47	9° ♂ 45'06	46°27'38	morning set	-4923 Dec 23 j 02:56	16° ♂ 13'09	
desc. node	-4925 Jun 27 j 18:37	12° ♂ 16'26			-4922 Jan 03 j 05:59	0° ♂	
	-4925 Jul 18 j 13:01	0° ♂			-4922 Jan 27 j 13:01	0° ♂	
greatest brilliancy	-4925 Aug 03 j 17:55	9° ♂ 05'51	-4.6m				
retrograde	-4925 Aug 13 j 23:50	11° ♂ 01'04		superior conj	-4922 Feb 01 j 04:11	5° ♂ 42'29	-1°-21'-59
evening set	-4925 Aug 31 j 16:35	5° ♂ 09'07		minimum elong	-4922 Feb 01 j 00:54	5° ♂ 32'22	1°22'13
inferior conj	-4925 Sep 03 j 16:17	3° ♂ 21'32	-8°-37'-26	max. Earth dist.	-4922 Feb 03 j 04:52	8° ♂ 12'24	1.73196 AU
minimum elong	-4925 Sep 03 j 22:35	3° ♂ 12'00	8°36'37		-4922 Feb 20 j 21:54	0° ♂	
min. Earth dist.	-4925 Sep 03 j 23:10	3° ♂ 11'06	0.26708 AU	evening rise	-4922 Mar 10 j 15:42	21° ♂ 47'06	
morning rise	-4925 Sep 07 j 04:29	1° ♂ 15'40			-4922 Mar 17 j 08:31	0° ♂	
	-4925 Sep 09 j 10:25	30° ♂		asc. node	-4922 Apr 04 j 07:43	21° ♂ 59'24	
direct	-4925 Sep 24 j 03:29	25° ♂ 44'19			-4922 Apr 10 j 21:08	0° ♂	
greatest brilliancy	-4925 Oct 06 j 19:53	28° ♂ 44'31	-4.7m		-4922 May 05 j 12:14	0° ♂	
	-4925 Oct 09 j 10:07	0° ♂			-4922 May 30 j 06:45	0° ♂	
asc. node	-4925 Oct 18 j 13:32	5° ♂ 44'24			-4922 Jun 24 j 06:46	0° ♂	
morning max el	-4925 Nov 13 j 20:17	29° ♂ 18'10	46°46'33		-4922 Jul 19 j 16:55	0° ♂	
	-4925 Nov 14 j 12:38	0° ♂		desc. node	-4922 Jul 25 j 06:14	6° ♂ 27'07	
	-4925 Dec 12 j 02:23	0° ♂			-4922 Aug 14 j 23:49	0° ♂	
	-4924 Jan 07 j 02:12	0° ♂		evening max el	-4922 Sep 06 j 12:35	24° ♂ 02'55	47°37'25
	-4924 Feb 01 j 13:05	0° ♂			-4922 Sep 12 j 12:40	0° ♂	
desc. node	-4924 Feb 07 j 14:25	7° ♂ 11'20		greatest brilliancy	-4922 Oct 15 j 06:52	24° ♂ 56'17	-4.7m
	-4924 Feb 26 j 17:36	0° ♂		retrograde	-4922 Oct 27 j 14:04	27° ♂ 48'45	
	-4924 Mar 22 j 17:07	0° ♂		evening set	-4922 Nov 11 j 03:34	23° ♂ 30'44	
	-4924 Apr 16 j 11:35	0° ♂		asc. node	-4922 Nov 15 j 00:38	21° ♂ 14'14	
	-4924 May 11 j 00:46	0° ♂		min. Earth dist.	-4922 Nov 16 j 13:07	20° ♂ 17'43	0.26818 AU
morning set	-4924 May 13 j 11:34	3° ♂ 00'34		inferior conj	-4922 Nov 17 j 07:12	19° ♂ 49'32	0°34'28
asc. node	-4924 May 30 j 06:47	23° ♂ 43'04		minimum elong	-4922 Nov 17 j 05:57	19° ♂ 51'30	0°34'00
	-4924 Jun 04 j 08:36	0° ♂		morning rise	-4922 Nov 23 j 09:02	16° ♂ 12'28	
max. Earth dist.	-4924 Jun 13 j 22:43	11° ♂ 53'49	1.72525 AU	direct	-4922 Dec 07 j 14:51	12° ♂ 05'49	
				greatest brilliancy	-4922 Dec 18 j 15:08	14° ♂ 21'54	-4.6m
superior conj	-4924 Jun 18 j 12:33	17° ♂ 35'16	0°43'06		-4921 Jan 11 j 11:06	0° ♂	
minimum elong	-4924 Jun 18 j 04:58	17° ♂ 11'41	0°42'58	morning max el	-4921 Jan 26 j 01:56	13° ♂ 23'28	46°12'52
	-4924 Jun 28 j 11:38	0° ♂			-4921 Feb 11 j 09:48	0° ♂	

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Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-4921 Mar 07 j 01:58	25° ♁ 45'59			-4919 Nov 10 j 14:08	0° ♁	
	-4921 Mar 10 j 20:36	0° ♁		evening max el	-4919 Nov 16 j 17:58	6° ♁ 24'04	46°54'18
	-4921 Apr 06 j 01:37	0° ♁		asc. node	-4919 Dec 12 j 12:07	29° ♁ 27'23	
	-4921 May 01 j 13:36	0° ♁			-4919 Dec 13 j 06:16	0° ♁	
	-4921 May 26 j 13:00	0° ♁		greatest brilliancy	-4919 Dec 22 j 12:46	5° ♁ 41'30	-4.6m
	-4921 Jun 20 j 01:55	0° ♁		retrograde	-4918 Jan 06 j 08:24	9° ♁ 41'19	
asc. node	-4921 Jun 27 j 19:16	9° ♁ 32'17		evening set	-4918 Jan 23 j 14:36	3° ♁ 48'14	
	-4921 Jul 14 j 06:10	0° ♁		min. Earth dist.	-4918 Jan 26 j 22:58	1° ♁ 41'17	0.28897 AU
morning set	-4921 Jul 21 j 22:08	9° ♁ 35'06		inferior conj	-4918 Jan 27 j 14:22	1° ♁ 16'33	8°01'30
	-4921 Aug 07 j 04:11	0° ♁		minimum elong	-4918 Jan 27 j 09:57	1° ♁ 23'39	8°00'55
					-4918 Jan 29 j 14:17	30° ♁	
superior conj	-4921 Aug 29 j 09:48	28° ♁ 02'38	1°22'16	morning rise	-4918 Jan 31 j 05:40	28° ♁ 58'40	
minimum elong	-4921 Aug 29 j 13:55	28° ♁ 15'39	1°22'28	direct	-4918 Feb 17 j 23:00	22° ♁ 58'33	
max. Earth dist.	-4921 Aug 28 j 22:49	27° ♁ 27'58	1.70940 AU	greatest brilliancy	-4918 Mar 01 j 06:53	25° ♁ 17'35	-4.5m
	-4921 Aug 30 j 22:59	0° ♁			-4918 Mar 10 j 14:25	0° ♁	
	-4921 Sep 23 j 17:34	0° ♁		desc. node	-4918 Apr 03 j 13:11	18° ♁ 50'41	
evening rise	-4921 Oct 09 j 19:17	20° ♁ 13'31		morning max el	-4918 Apr 07 j 16:50	22° ♁ 43'41	45°49'55
desc. node	-4921 Oct 17 j 17:04	0° ♁ 08'59			-4918 Apr 15 j 03:58	0° ♁	
	-4921 Oct 17 j 14:12	0° ♁			-4918 May 13 j 11:43	0° ♁	
	-4921 Nov 10 j 14:06	0° ♁			-4918 Jun 08 j 19:27	0° ♁	
	-4921 Dec 04 j 18:10	0° ♁			-4918 Jul 04 j 01:38	0° ♁	
	-4921 Dec 29 j 04:06	0° ♁		asc. node	-4918 Jul 25 j 07:28	25° ♁ 54'57	
	-4920 Jan 22 j 23:40	0° ♁			-4918 Jul 28 j 14:54	0° ♁	
asc. node	-4920 Feb 07 j 09:09	18° ♁ 14'12			-4918 Aug 21 j 16:49	0° ♁	
	-4920 Feb 17 j 11:54	0° ♁			-4918 Sep 14 j 12:27	0° ♁	
	-4920 Mar 15 j 06:34	0° ♁		morning set	-4918 Oct 04 j 04:03	24° ♁ 49'36	
evening max el	-4920 Apr 09 j 21:04	26° ♁ 10'07	45°10'51		-4918 Oct 08 j 06:23	0° ♁	
	-4920 Apr 13 j 23:46	0° ♁			-4918 Nov 01 j 01:55	0° ♁	
greatest brilliancy	-4920 May 15 j 20:39	22° ♁ 39'58	-4.5m	desc. node	-4918 Nov 14 j 05:42	16° ♁ 30'22	
retrograde	-4920 May 28 j 07:04	25° ♁ 20'57					
desc. node	-4920 May 29 j 09:27	25° ♁ 19'34		superior conj	-4918 Nov 15 j 04:46	17° ♁ 42'37	0°-2'-15
evening set	-4920 Jun 12 j 07:09	21° ♁ 05'21		minimum elong	-4918 Nov 15 j 04:07	17° ♁ 40'34	0°02'17
inferior conj	-4920 Jun 18 j 10:22	17° ♁ 31'31	-4°-32'-11	behind sun begin	-4918 Nov 14 j 01:11	16° ♁ 16'16	
minimum elong	-4920 Jun 18 j 01:23	17° ♁ 45'09	4°29'42	behind sun end	-4918 Nov 16 j 07:03	19° ♁ 04'52	
min. Earth dist.	-4920 Jun 18 j 19:17	17° ♁ 18'00	0.27944 AU	max. Earth dist.	-4918 Nov 20 j 16:50	24° ♁ 35'44	1.71507 AU
morning rise	-4920 Jun 23 j 19:06	14° ♁ 21'49			-4918 Nov 25 j 00:36	0° ♁	
direct	-4920 Jul 09 j 19:50	9° ♁ 30'25			-4918 Dec 19 j 02:43	0° ♁	
greatest brilliancy	-4920 Jul 24 j 08:05	13° ♁ 14'45	-4.6m	evening rise	-4918 Dec 26 j 23:05	9° ♁ 44'18	
	-4920 Aug 16 j 17:08	0° ♁			-4917 Jan 12 j 08:16	0° ♁	
morning max el	-4920 Aug 29 j 03:59	11° ♁ 54'01	46°41'55		-4917 Feb 05 j 18:02	0° ♁	
	-4920 Sep 15 j 05:02	0° ♁			-4917 Mar 02 j 09:46	0° ♁	
asc. node	-4920 Sep 19 j 04:34	4° ♁ 26'34		asc. node	-4917 Mar 06 j 21:23	5° ♁ 24'54	
	-4920 Oct 11 j 05:57	0° ♁			-4917 Mar 27 j 10:02	0° ♁	
	-4920 Nov 05 j 03:25	0° ♁			-4917 Apr 21 j 22:30	0° ♁	
	-4920 Nov 29 j 15:45	0° ♁			-4917 May 18 j 06:30	0° ♁	
	-4920 Dec 24 j 02:47	0° ♁			-4917 Jun 15 j 06:54	0° ♁	
desc. node	-4919 Jan 09 j 04:32	19° ♁ 40'51		evening max el	-4917 Jun 22 j 15:34	7° ♁ 18'51	46°24'14
	-4919 Jan 17 j 14:57	0° ♁		desc. node	-4917 Jun 26 j 20:49	11° ♁ 21'02	
	-4919 Feb 11 j 03:59	0° ♁			-4917 Jul 19 j 13:53	0° ♁	
morning set	-4919 Mar 05 j 08:03	27° ♁ 06'23		greatest brilliancy	-4917 Aug 01 j 06:34	6° ♁ 38'27	-4.6m
	-4919 Mar 07 j 16:49	0° ♁		retrograde	-4917 Aug 11 j 11:01	8° ♁ 32'41	
	-4919 Apr 01 j 04:33	0° ♁		evening set	-4917 Aug 29 j 06:34	2° ♁ 38'02	
max. Earth dist.	-4919 Apr 08 j 17:56	9° ♁ 16'24	1.73718 AU	inferior conj	-4917 Sep 01 j 04:26	0° ♁ 53'20	-8°-43'-40
				minimum elong	-4917 Sep 01 j 09:53	0° ♁ 45'04	8°43'00
superior conj	-4919 Apr 10 j 13:34	11° ♁ 30'19	0°-46'-49	min. Earth dist.	-4917 Sep 01 j 11:48	0° ♁ 42'09	0.26743 AU
minimum elong	-4919 Apr 10 j 21:17	11° ♁ 54'00	0°46'37		-4917 Sep 02 j 15:42	30° ♁	
	-4919 Apr 25 j 14:43	0° ♁		morning rise	-4917 Sep 04 j 13:05	28° ♁ 52'37	
asc. node	-4919 May 01 j 20:22	7° ♁ 40'20		direct	-4917 Sep 21 j 15:31	23° ♁ 15'25	
evening rise	-4919 May 16 j 05:23	25° ♁ 23'03		greatest brilliancy	-4917 Oct 04 j 11:01	26° ♁ 18'20	-4.7m
	-4919 May 19 j 23:11	0° ♁			-4917 Oct 11 j 06:44	0° ♁	
	-4919 Jun 13 j 06:15	0° ♁		asc. node	-4917 Oct 17 j 15:44	4° ♁ 24'08	
	-4919 Jul 07 j 12:55	0° ♁		morning max el	-4917 Nov 11 j 08:28	26° ♁ 48'02	46°47'15
	-4919 Jul 31 j 21:01	0° ♁			-4917 Nov 14 j 10:55	0° ♁	
desc. node	-4919 Aug 21 j 18:11	25° ♁ 35'14			-4917 Dec 11 j 18:44	0° ♁	
	-4919 Aug 25 j 09:04	0° ♁			-4916 Jan 06 j 16:10	0° ♁	
	-4919 Sep 19 j 04:46	0° ♁			-4916 Feb 01 j 01:45	0° ♁	
	-4919 Oct 14 j 15:29	0° ♁		desc. node	-4916 Feb 06 j 16:23	6° ♁ 40'08	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4916 Feb 26 j 05:27	0°☾			-4914 Sep 12 j 15:03	0°♌	
	-4916 Mar 22 j 04:26	0°♊		greatest brilliancy	-4914 Oct 12 j 22:03	22°♌30'40	-4.7m
	-4916 Apr 15 j 22:34	0°♈		retrograde	-4914 Oct 25 j 04:16	25°♌21'30	
	-4916 May 10 j 11:35	0°♊		evening set	-4914 Nov 08 j 17:23	21°♌03'08	
morning set	-4916 May 11 j 06:34	0°♊58'17		min. Earth dist.	-4914 Nov 14 j 02:59	17°♌50'11	0.26766 AU
asc. node	-4916 May 29 j 09:00	23°♊16'39		asc. node	-4914 Nov 14 j 02:54	17°♌50'19	
	-4916 Jun 03 j 19:23	0°♉		inferior conj	-4914 Nov 14 j 20:22	17°♌23'10	0°11'04
max. Earth dist.	-4916 Jun 11 j 18:54	9°♉53'52	1.72589 AU	minimum elong	-4914 Nov 14 j 19:58	17°♌23'47	0°10'53
				transit middle	-4914 Nov 14 j 19:58	17°♌23'47	0°10'53
superior conj	-4916 Jun 16 j 06:30	15°♉28'13	0°40'22	transit begin	-4914 Nov 14 j 16:53	17°♌28'34	
minimum elong	-4916 Jun 15 j 23:16	15°♉05'44	0°40'13	transit end	-4914 Nov 14 j 23:02	17°♌19'00	
	-4916 Jun 27 j 22:29	0°♈		morning rise	-4914 Nov 20 j 23:17	13°♌45'21	
	-4916 Jul 21 j 22:16	0°♈		direct	-4914 Dec 05 j 03:57	9°♌40'26	
evening rise	-4916 Jul 22 j 19:15	1°♈05'42		greatest brilliancy	-4914 Dec 16 j 04:26	11°♌57'28	-4.6m
	-4916 Aug 14 j 20:50	0°♈			-4913 Jan 11 j 18:17	0°♌	
	-4916 Sep 07 j 20:27	0°♈		morning max el	-4913 Jan 23 j 16:50	11°♌06'33	46°14'07
desc. node	-4916 Sep 18 j 06:34	12°♈59'39			-4913 Feb 11 j 03:53	0°♌	
	-4916 Oct 01 j 23:02	0°♌		desc. node	-4913 Mar 06 j 04:06	25°♌10'39	
	-4916 Oct 26 j 06:23	0°♌			-4913 Mar 10 j 10:59	0°♌	
	-4916 Nov 19 j 21:51	0°♌			-4913 Apr 05 j 14:20	0°♌	
	-4916 Dec 15 j 05:11	0°♌			-4913 May 01 j 01:24	0°♌	
asc. node	-4915 Jan 08 j 23:27	27°♌50'43			-4913 May 26 j 00:17	0°♌	
	-4915 Jan 10 j 23:35	0°♌			-4913 Jun 19 j 12:55	0°♌	
evening max el	-4915 Jan 26 j 10:56	15°♌52'01	45°27'41	asc. node	-4913 Jun 26 j 21:21	9°♌04'49	
	-4915 Feb 11 j 02:29	0°♌			-4913 Jul 13 j 17:04	0°♌	
greatest brilliancy	-4915 Mar 01 j 10:21	12°♌12'26	-4.5m	morning set	-4913 Jul 19 j 13:39	7°♌19'21	
retrograde	-4915 Mar 16 j 02:07	15°♌57'45			-4913 Aug 06 j 15:05	0°♌	
evening set	-4915 Apr 01 j 09:11	10°♌54'03		max. Earth dist.	-4913 Aug 26 j 05:03	24°♌41'33	1.70969 AU
inferior conj	-4915 Apr 06 j 13:39	7°♌44'49	5°09'05				
minimum elong	-4915 Apr 06 j 22:22	7°♌31'08	5°07'04	superior conj	-4913 Aug 26 j 22:23	25°♌36'16	1°22'54
min. Earth dist.	-4915 Apr 07 j 08:22	7°♌15'27	0.29253 AU	minimum elong	-4913 Aug 27 j 01:35	25°♌46'21	1°23'07
morning rise	-4915 Apr 12 j 11:09	4°♌09'50			-4913 Aug 30 j 09:57	0°♌	
	-4915 Apr 22 j 11:18	30°♌			-4913 Sep 23 j 04:38	0°♌	
direct	-4915 Apr 28 j 09:32	29°♌18'25		evening rise	-4913 Oct 07 j 03:45	17°♌34'18	
desc. node	-4915 May 01 j 00:18	29°♌26'12		desc. node	-4913 Oct 16 j 19:14	29°♌40'45	
	-4915 May 04 j 12:27	0°♌			-4913 Oct 17 j 01:22	0°♌	
greatest brilliancy	-4915 May 12 j 15:45	2°♌48'55	-4.5m		-4913 Nov 10 j 01:24	0°♌	
morning max el	-4915 Jun 16 j 15:21	29°♌35'23	46°05'29		-4913 Dec 04 j 05:37	0°♌	
	-4915 Jun 17 j 01:31	0°♌			-4913 Dec 28 j 15:49	0°♌	
	-4915 Jul 15 j 14:12	0°♌			-4912 Jan 22 j 11:57	0°♌	
	-4915 Aug 10 j 13:46	0°♌		asc. node	-4912 Feb 06 j 11:15	17°♌42'28	
asc. node	-4915 Aug 21 j 19:14	13°♌27'15			-4912 Feb 17 j 01:25	0°♌	
	-4915 Sep 04 j 08:58	0°♌			-4912 Mar 14 j 22:57	0°♌	
	-4915 Sep 28 j 13:40	0°♌		evening max el	-4912 Apr 07 j 12:41	23°♌58'49	45°09'40
	-4915 Oct 22 j 12:34	0°♌			-4912 Apr 14 j 01:28	0°♌	
	-4915 Nov 15 j 11:16	0°♌		greatest brilliancy	-4912 May 13 j 09:48	20°♌24'13	-4.5m
desc. node	-4915 Dec 09 j 12:34	0°♌		retrograde	-4912 May 25 j 20:47	23°♌05'38	
morning set	-4915 Dec 11 j 18:16	2°♌46'55		desc. node	-4912 May 28 j 11:40	22°♌57'45	
	-4915 Dec 20 j 13:56	13°♌44'04		evening set	-4912 Jun 09 j 19:47	18°♌52'28	
	-4914 Jan 02 j 16:58	0°♌		inferior conj	-4912 Jun 16 j 00:46	15°♌15'54	-4°-13'-20
	-4914 Jan 26 j 23:53	0°♌		minimum elong	-4912 Jun 15 j 16:14	15°♌28'52	4°10'57
				min. Earth dist.	-4912 Jun 16 j 10:16	15°♌01'26	0.27985 AU
superior conj	-4914 Jan 29 j 19:05	3°♌27'06	-1°-21'-20	morning rise	-4912 Jun 21 j 12:07	12°♌02'03	
minimum elong	-4914 Jan 29 j 15:01	3°♌14'35	1°21'36	direct	-4912 Jul 07 j 11:00	7°♌14'05	
max. Earth dist.	-4914 Jan 31 j 21:35	6°♌02'43	1.73153 AU	greatest brilliancy	-4912 Jul 21 j 22:31	10°♌56'59	-4.6m
	-4914 Feb 20 j 08:43	0°♌			-4912 Aug 16 j 21:06	0°♌	
evening rise	-4914 Mar 08 j 09:14	19°♌40'32		morning max el	-4912 Aug 26 j 17:29	9°♌31'11	46°40'56
	-4914 Mar 16 j 19:22	0°♌			-4912 Sep 14 j 22:30	0°♌	
asc. node	-4914 Apr 03 j 09:53	21°♌32'34		asc. node	-4912 Sep 18 j 06:49	3°♌45'22	
	-4914 Apr 10 j 08:08	0°♌			-4912 Oct 10 j 20:23	0°♌	
	-4914 May 04 j 23:36	0°♌			-4912 Nov 04 j 16:28	0°♌	
	-4914 May 29 j 18:43	0°♌			-4912 Nov 29 j 04:04	0°♌	
	-4914 Jun 23 j 19:42	0°♌			-4912 Dec 23 j 14:35	0°♌	
	-4914 Jul 19 j 07:25	0°♌		desc. node	-4911 Jan 08 j 06:30	19°♌11'36	
desc. node	-4914 Jul 24 j 08:12	5°♌49'38			-4911 Jan 17 j 02:22	0°♌	
	-4914 Aug 14 j 17:23	0°♌			-4911 Feb 10 j 15:05	0°♌	
evening max el	-4914 Sep 04 j 03:23	21°♌40'55	47°36'42	morning set	-4911 Mar 03 j 01:10	24°♌58'40	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4911 Mar 07 j 03:40	0°≈		retrograde	-4909 Aug 08 j 22:37	6°Ω04'16	
	-4911 Mar 31 j 15:17	0°✕		evening set	-4909 Aug 26 j 20:02	0°Ω07'11	
max. Earth dist.	-4911 Apr 06 j 15:13	7°✕21'27	1.73727 AU		-4909 Aug 27 j 00:56	30°℞☾	
				inferior conj	-4909 Aug 29 j 16:30	28°☾24'48	-8°-48'-45
superior conj	-4911 Apr 08 j 08:22	9°✕27'44	0°-49'-17	minimum elong	-4909 Aug 29 j 21:04	28°☾17'52	8°48'14
minimum elong	-4911 Apr 08 j 16:18	9°✕52'04	0°49'06	min. Earth dist.	-4909 Aug 30 j 00:14	28°☾13'06	0.26779 AU
	-4911 Apr 25 j 01:28	0°Υ		morning rise	-4909 Sep 01 j 21:58	26°☾28'54	
asc. node	-4911 Apr 30 j 22:32	7°Υ13'51		direct	-4909 Sep 19 j 03:41	20°☾45'58	
evening rise	-4911 May 14 j 00:45	23°Υ21'16		greatest brilliancy	-4909 Oct 02 j 02:25	23°☾52'15	-4.7m
	-4911 May 19 j 10:06	0°♄			-4909 Oct 12 j 13:26	0°Ω	
	-4911 Jun 12 j 17:25	0°♅		asc. node	-4909 Oct 16 j 17:53	3°Ω05'59	
	-4911 Jul 07 j 00:25	0°☾		morning max el	-4909 Nov 08 j 21:41	24°Ω20'19	46°48'11
	-4911 Jul 31 j 08:58	0°Ω			-4909 Nov 14 j 08:26	0°♍	
desc. node	-4911 Aug 20 j 20:21	25°Ω03'44			-4909 Dec 11 j 10:50	0°♎	
	-4911 Aug 24 j 21:39	0°♍			-4908 Jan 06 j 06:01	0°♏	
	-4911 Sep 18 j 18:21	0°♎			-4908 Jan 31 j 14:22	0°♐	
	-4911 Oct 14 j 06:54	0°♏		desc. node	-4908 Feb 05 j 18:32	6°♐09'31	
	-4911 Nov 10 j 10:04	0°♐			-4908 Feb 25 j 17:19	0°♑	
evening max el	-4911 Nov 14 j 09:04	4°♐05'23	46°57'06		-4908 Mar 21 j 15:50	0°≈	
asc. node	-4911 Dec 11 j 14:11	28°♐13'21			-4908 Apr 15 j 09:41	0°✕	
	-4911 Dec 14 j 05:25	0°♑		morning set	-4908 May 09 j 01:32	28°✕55'31	
greatest brilliancy	-4911 Dec 20 j 07:55	3°♑31'47	-4.6m		-4908 May 09 j 22:32	0°Υ	
retrograde	-4910 Jan 04 j 00:50	7°♑28'57		asc. node	-4908 May 28 j 11:02	22°Υ49'14	
evening set	-4910 Jan 21 j 05:06	1°♑39'37			-4908 Jun 03 j 06:18	0°♄	
	-4910 Jan 23 j 20:31	30°℞♐		max. Earth dist.	-4908 Jun 09 j 15:42	7°♄55'32	1.72649 AU
min. Earth dist.	-4910 Jan 24 j 14:40	29°♐30'52	0.28836 AU				
inferior conj	-4910 Jan 25 j 06:55	29°♐04'42	7°56'47	superior conj	-4908 Jun 14 j 00:25	13°♄20'42	0°37'33
minimum elong	-4910 Jan 25 j 01:54	29°♐12'47	7°56'08	minimum elong	-4908 Jun 13 j 17:35	12°♄59'27	0°37'26
morning rise	-4910 Jan 28 j 23:04	26°♐45'21			-4908 Jun 27 j 09:28	0°♅	
direct	-4910 Feb 15 j 14:32	20°♐47'46		evening rise	-4908 Jul 20 j 10:59	28°♅49'47	
greatest brilliancy	-4910 Feb 26 j 20:40	23°♐04'44	-4.5m		-4908 Jul 21 j 09:25	0°☾	
	-4910 Mar 11 j 15:35	0°♑			-4908 Aug 14 j 08:14	0°Ω	
desc. node	-4910 Apr 02 j 15:23	18°♑00'05			-4908 Sep 07 j 08:08	0°♍	
morning max el	-4910 Apr 05 j 07:21	20°♑30'32	45°50'04	desc. node	-4908 Sep 17 j 08:45	12°♍29'49	
	-4910 Apr 14 j 23:36	0°≈			-4908 Oct 01 j 10:59	0°♎	
	-4910 May 13 j 02:33	0°✕			-4908 Oct 25 j 18:43	0°♏	
	-4910 Jun 08 j 08:25	0°Υ			-4908 Nov 19 j 10:50	0°♐	
	-4910 Jul 03 j 13:42	0°♄			-4908 Dec 14 j 19:30	0°♑	
asc. node	-4910 Jul 24 j 09:27	25°♄25'10		asc. node	-4907 Jan 08 j 01:33	27°♑09'56	
	-4910 Jul 28 j 02:30	0°♅			-4907 Jan 10 j 17:17	0°≈	
	-4910 Aug 21 j 04:11	0°☾		evening max el	-4907 Jan 24 j 02:51	13°≈40'57	45°29'59
	-4910 Sep 13 j 23:41	0°Ω			-4907 Feb 11 j 11:10	0°✕	
morning set	-4910 Oct 01 j 14:46	22°Ω16'30		greatest brilliancy	-4907 Feb 27 j 01:03	10°✕03'11	-4.5m
	-4910 Oct 07 j 17:33	0°♍		retrograde	-4907 Mar 13 j 19:35	13°✕51'30	
	-4910 Oct 31 j 13:02	0°♎		evening set	-4907 Mar 30 j 04:30	8°✕43'39	
				inferior conj	-4907 Apr 04 j 06:37	5°✕37'30	5°23'17
superior conj	-4910 Nov 12 j 13:58	15°♎06'25	0°01'45	minimum elong	-4907 Apr 04 j 15:28	5°✕23'37	5°21'18
minimum elong	-4910 Nov 12 j 14:25	15°♎07'48	0°01'40	min. Earth dist.	-4907 Apr 05 j 00:34	5°✕09'21	0.29284 AU
behind sun begin	-4910 Nov 11 j 11:22	13°♎43'06		morning rise	-4907 Apr 10 j 02:07	2°✕05'26	
behind sun end	-4910 Nov 13 j 17:27	16°♎32'29			-4907 Apr 14 j 03:14	30°℞≈	
desc. node	-4910 Nov 13 j 07:48	16°♎02'18		direct	-4907 Apr 26 j 02:47	27°≈10'38	
max. Earth dist.	-4910 Nov 18 j 01:04	21°♎56'44	1.71450 AU	desc. node	-4907 Apr 30 j 02:28	27°≈28'38	
	-4910 Nov 24 j 11:42	0°♏			-4907 May 08 j 19:06	0°✕	
	-4910 Dec 18 j 13:46	0°♐		greatest brilliancy	-4907 May 10 j 07:38	0°✕40'08	-4.5m
evening rise	-4910 Dec 24 j 11:10	7°♐18'39		morning max el	-4907 Jun 14 j 08:51	27°✕27'55	46°04'20
	-4909 Jan 11 j 19:21	0°♑			-4907 Jun 16 j 23:15	0°Υ	
	-4909 Feb 05 j 05:16	0°≈			-4907 Jul 15 j 05:55	0°♄	
	-4909 Mar 01 j 21:20	0°✕			-4907 Aug 10 j 03:21	0°♅	
asc. node	-4909 Mar 05 j 23:34	4°✕56'22		asc. node	-4907 Aug 20 j 21:30	12°♅54'31	
	-4909 Mar 26 j 22:15	0°Υ			-4907 Sep 03 j 21:35	0°☾	
	-4909 Apr 21 j 11:56	0°♄			-4907 Sep 28 j 01:47	0°Ω	
	-4909 May 17 j 22:17	0°♅			-4907 Oct 22 j 00:24	0°♍	
	-4909 Jun 15 j 04:32	0°☾			-4907 Nov 14 j 22:52	0°♎	
evening max el	-4909 Jun 20 j 03:13	4°☾52'24	46°20'52		-4907 Dec 08 j 23:57	0°♏	
desc. node	-4909 Jun 25 j 22:50	10°☾23'47		desc. node	-4907 Dec 10 j 20:14	2°♏17'41	
	-4909 Jul 21 j 00:36	0°Ω		morning set	-4907 Dec 18 j 01:03	11°♏14'29	
greatest brilliancy	-4909 Jul 29 j 18:21	4°Ω09'57	-4.6m		-4906 Jan 02 j 04:11	0°♐	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

	-4906 Jan 26 j 10:58	0°☾		minimum elong	-4904 Jun 13 j 07:24	13°☾12'46	3°52'02
				min. Earth dist.	-4904 Jun 14 j 01:48	12°☾44'45	0.28032 AU
superior conj	-4906 Jan 27 j 10:04	1°☾11'14	-1°-20'-35	morning rise	-4904 Jun 19 j 05:17	9°☾42'42	
minimum elong	-4906 Jan 27 j 05:15	0°☾56'24	1°20'49	direct	-4904 Jul 05 j 01:58	4°☾57'43	
max. Earth dist.	-4906 Jan 29 j 16:19	3°☾58'27	1.73107 AU	greatest brilliancy	-4904 Jul 19 j 14:04	8°☾40'13	-4.6m
	-4906 Feb 19 j 19:44	0°≈			-4904 Aug 16 j 23:52	0°☿	
evening rise	-4906 Mar 06 j 03:00	17°≈34'03		morning max el	-4904 Aug 24 j 06:47	7°☿06'51	46°39'50
	-4906 Mar 16 j 06:25	0°☿			-4904 Sep 14 j 16:01	0°☿	
asc. node	-4906 Apr 02 j 12:03	21°☿05'03		asc. node	-4904 Sep 17 j 08:57	3°☿03'12	
	-4906 Apr 09 j 19:23	0°☿			-4904 Oct 10 j 11:02	0°☿	
	-4906 May 04 j 11:15	0°☿			-4904 Nov 04 j 05:48	0°☿	
	-4906 May 29 j 07:01	0°☿			-4904 Nov 28 j 16:37	0°☿	
	-4906 Jun 23 j 09:01	0°☿			-4904 Dec 23 j 02:38	0°☿	
	-4906 Jul 18 j 22:24	0°☿		desc. node	-4903 Jan 07 j 08:39	18°☿42'08	
desc. node	-4906 Jul 23 j 10:24	5°☿11'31			-4903 Jan 16 j 14:02	0°☿	
	-4906 Aug 14 j 11:40	0°☿			-4903 Feb 10 j 02:26	0°☿	
evening max el	-4906 Sep 01 j 18:50	19°☿19'43	47°35'51	morning set	-4903 Feb 28 j 18:13	22°☿49'49	
	-4906 Sep 12 j 19:21	0°☿			-4903 Mar 06 j 14:48	0°≈	
greatest brilliancy	-4906 Oct 10 j 13:38	20°☿04'42	-4.7m		-4903 Mar 31 j 02:17	0°☿	
retrograde	-4906 Oct 22 j 18:22	22°☿52'58		max. Earth dist.	-4903 Apr 04 j 11:35	5°☿22'58	1.73731 AU
evening set	-4906 Nov 06 j 07:26	18°☿34'20					
min. Earth dist.	-4906 Nov 11 j 16:51	15°☿21'28	0.26716 AU	superior conj	-4903 Apr 06 j 03:23	7°☿25'06	0°-51'-41
inferior conj	-4906 Nov 12 j 09:29	14°☿55'38	0°-12'-24	minimum elong	-4903 Apr 06 j 11:30	7°☿50'00	0°51'31
minimum elong	-4906 Nov 12 j 09:56	14°☿54'56	0°12'19		-4903 Apr 24 j 12:28	0°☿	
transit middle	-4906 Nov 12 j 09:56	14°☿54'56	0°12'19	asc. node	-4903 Apr 30 j 00:35	6°☿46'21	
transit begin	-4906 Nov 12 j 07:12	14°☿59'12		evening rise	-4903 May 11 j 20:25	21°☿19'55	
transit end	-4906 Nov 12 j 12:41	14°☿50'40			-4903 May 18 j 21:12	0°☿	
asc. node	-4906 Nov 13 j 05:02	14°☿25'19			-4903 Jun 12 j 04:46	0°☿	
morning rise	-4906 Nov 18 j 13:17	11°☿17'10			-4903 Jul 06 j 12:09	0°☿	
direct	-4906 Dec 02 j 17:14	7°☿14'03			-4903 Jul 30 j 21:13	0°☿	
greatest brilliancy	-4906 Dec 13 j 17:11	9°☿31'06	-4.6m	desc. node	-4903 Aug 19 j 22:30	24°☿31'13	
	-4905 Jan 11 j 23:43	0°☿			-4903 Aug 24 j 10:38	0°☿	
morning max el	-4905 Jan 21 j 07:28	8°☿47'51	46°15'27		-4903 Sep 18 j 08:24	0°☿	
	-4905 Feb 10 j 21:52	0°☿			-4903 Oct 13 j 22:55	0°☿	
desc. node	-4905 Mar 05 j 06:18	24°☿34'58			-4903 Nov 10 j 07:01	0°☿	
	-4905 Mar 10 j 01:29	0°☿		evening max el	-4903 Nov 11 j 23:30	1°☿43'55	47°00'01
	-4905 Apr 05 j 03:12	0°≈		asc. node	-4903 Dec 10 j 16:18	26°☿56'10	
	-4905 Apr 30 j 13:23	0°☿			-4903 Dec 15 j 14:37	0°☿	
	-4905 May 25 j 11:47	0°☿		greatest brilliancy	-4903 Dec 18 j 01:59	1°☿19'21	-4.6m
	-4905 Jun 19 j 00:12	0°☿		retrograde	-4902 Jan 01 j 17:10	5°☿15'27	
asc. node	-4905 Jun 25 j 23:26	8°☿36'27			-4902 Jan 17 j 23:17	30°☿☿	
	-4905 Jul 13 j 04:17	0°☿		evening set	-4902 Jan 18 j 19:19	29°☿29'53	
morning set	-4905 Jul 17 j 05:14	5°☿02'54		inferior conj	-4902 Jan 22 j 23:23	26°☿51'39	7°51'28
	-4905 Aug 06 j 02:19	0°☿		minimum elong	-4902 Jan 22 j 17:46	27°☿00'41	7°50'40
max. Earth dist.	-4905 Aug 23 j 08:03	21°☿44'04	1.70999 AU	min. Earth dist.	-4902 Jan 22 j 06:23	27°☿19'00	0.28775 AU
				morning rise	-4902 Jan 26 j 16:34	24°☿30'38	
superior conj	-4905 Aug 24 j 11:08	23°☿09'30	1°23'21	direct	-4902 Feb 13 j 05:34	18°☿35'37	
minimum elong	-4905 Aug 24 j 13:24	23°☿16'38	1°23'36	greatest brilliancy	-4902 Feb 24 j 11:19	20°☿51'48	-4.5m
	-4905 Aug 29 j 21:14	0°☿			-4902 Mar 12 j 10:34	0°☿	
	-4905 Sep 22 j 16:01	0°☿		desc. node	-4902 Apr 01 j 17:29	17°☿09'27	
evening rise	-4905 Oct 04 j 12:12	14°☿54'04		morning max el	-4902 Apr 02 j 22:16	18°☿17'30	45°50'25
desc. node	-4905 Oct 15 j 21:18	29°☿11'14			-4902 Apr 14 j 18:57	0°≈	
	-4905 Oct 16 j 12:51	0°☿			-4902 May 12 j 17:25	0°☿	
	-4905 Nov 09 j 13:01	0°☿			-4902 Jun 07 j 21:28	0°☿	
	-4905 Dec 03 j 17:25	0°☿			-4902 Jul 03 j 01:51	0°☿	
	-4905 Dec 28 j 03:54	0°☿		asc. node	-4902 Jul 23 j 11:46	24°☿56'07	
	-4904 Jan 22 j 00:37	0°≈			-4902 Jul 27 j 14:11	0°☿	
asc. node	-4904 Feb 05 j 13:31	17°≈10'13			-4902 Aug 20 j 15:39	0°☿	
	-4904 Feb 16 j 15:21	0°☿			-4902 Sep 13 j 11:05	0°☿	
	-4904 Mar 14 j 15:54	0°☿		morning set	-4902 Sep 29 j 01:20	19°☿42'14	
evening max el	-4904 Apr 05 j 03:41	21°☿45'35	45°08'38		-4902 Oct 07 j 04:56	0°☿	
	-4904 Apr 14 j 04:51	0°☿			-4902 Oct 31 j 00:25	0°☿	
greatest brilliancy	-4904 May 10 j 22:55	18°☿08'21	-4.5m				
retrograde	-4904 May 23 j 10:25	20°☿50'43		superior conj	-4902 Nov 09 j 22:33	12°☿27'23	0°05'46
desc. node	-4904 May 27 j 13:39	20°☿31'01		minimum elong	-4902 Nov 10 j 00:08	12°☿32'20	0°05'40
evening set	-4904 Jun 07 j 08:50	16°☿39'22		behind sun begin	-4902 Nov 08 j 22:22	11°☿11'33	
inferior conj	-4904 Jun 13 j 15:26	13°☿00'33	-3°-54'-20	behind sun end	-4902 Nov 11 j 01:53	13°☿53'04	

Attention, astronomical year style is used: The year -5400 in astronomical counting style is the year 5401 BCE in historical counting style.

desc. node	-4902 Nov 12 j 09:50	15°♌33'08	
max. Earth dist.	-4902 Nov 15 j 05:10	19°♌03'55	1.71396 AU
	-4902 Nov 23 j 23:01	0°♌	
	-4902 Dec 18 j 01:04	0°♏	
evening rise	-4902 Dec 21 j 22:36	4°♏50'13	
	-4901 Jan 11 j 06:40	0°♏	
	-4901 Feb 04 j 16:43	0°♏	
	-4901 Mar 01 j 09:08	0°♏	
asc. node	-4901 Mar 05 j 01:42	4°♏27'04	
	-4901 Mar 26 j 10:42	0°♏	
	-4901 Apr 21 j 01:36	0°♏	
	-4901 May 17 j 14:25	0°♏	
	-4901 Jun 15 j 02:58	0°♏	
evening max el	-4901 Jun 17 j 15:53	2°♏28'48	46°17'44
desc. node	-4901 Jun 25 j 01:03	9°♏25'58	
	-4901 Jul 23 j 04:01	0°♏	
greatest brilliancy	-4901 Jul 27 j 04:50	1°♏40'59	-4.6m
retrograde	-4901 Aug 06 j 10:51	3°♏36'49	
	-4901 Aug 20 j 01:38	30°♏	
evening set	-4901 Aug 24 j 09:14	27°♏37'48	
inferior conj	-4901 Aug 27 j 04:45	25°♏57'00	-8°-52'-46
minimum elong	-4901 Aug 27 j 08:24	25°♏51'29	8°52'21
min. Earth dist.	-4901 Aug 27 j 12:21	25°♏45'32	0.26820 AU
morning rise	-4901 Aug 30 j 07:28	24°♏05'24	
direct	-4901 Sep 16 j 16:44	18°♏17'23	
greatest brilliancy	-4901 Sep 29 j 17:31	21°♏26'25	-4.7m
	-4901 Oct 13 j 11:35	0°♏	
asc. node	-4901 Oct 15 j 20:02	1°♏50'23	
morning max el	-4901 Nov 06 j 11:57	21°♏55'05	46°48'43
	-4901 Nov 14 j 05:21	0°♏	
	-4901 Dec 11 j 02:51	0°♏	
	-4900 Jan 05 j 19:55	0°♏	
	-4900 Jan 31 j 03:04	0°♏	
desc. node	-4900 Feb 04 j 20:45	5°♏38'46	
	-4900 Feb 25 j 05:16	0°♏	
	-4900 Mar 21 j 03:18	0°♏	
	-4900 Apr 14 j 20:51	0°♏	
morning set	-4900 May 06 j 20:31	26°♏52'42	
	-4900 May 09 j 09:32	0°♏	
asc. node	-4900 May 27 j 13:10	22°♏22'02	
	-4900 Jun 02 j 17:14	0°♏	
max. Earth dist.	-4900 Jun 07 j 11:28	5°♏53'58	1.72703 AU
superior conj	-4900 Jun 11 j 18:33	11°♏13'52	0°34'43
minimum elong	-4900 Jun 11 j 12:09	10°♏53'59	0°34'36
	-4900 Jun 26 j 20:27	0°♏	
evening rise	-4900 Jul 18 j 03:10	26°♏35'28	
	-4900 Jul 20 j 20:32	0°♏	
	-4900 Aug 13 j 19:33	0°♏	
	-4900 Sep 06 j 19:42	0°♏	
desc. node	-4900 Sep 16 j 10:48	11°♏59'48	
	-4900 Sep 30 j 22:52	0°♏	
	-4900 Oct 25 j 07:03	0°♏	
	-4900 Nov 18 j 23:55	0°♏	
	-4900 Dec 14 j 10:03	0°♏	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4900 Jun 11 j 18:33	11° U 13'52	0°34'43	asc. node	-4898 Nov 12 j 07:09	11° U 02'51	
minimum elong	-4900 Jun 11 j 12:09	10° U 53'59	0°34'36	morning rise	-4898 Nov 16 j 03:10	8° U 50'35	
	-4900 Jun 26 j 20:27	0° II		direct	-4898 Nov 30 j 06:28	4° U 49'21	
evening rise	-4900 Jul 18 j 03:10	26° II 35'28		greatest brilliancy	-4898 Dec 11 j 06:15	7° U 06'19	-4.6m
	-4900 Jul 20 j 20:32	0° U			-4897 Jan 12 j 02:51	0° ML	
	-4900 Aug 13 j 19:33	0° Q		morning max el	-4897 Jan 18 j 21:16	6° ML 27'58	46°16'31
	-4900 Sep 06 j 19:42	0° MP			-4897 Feb 10 j 15:08	0° J	
desc. node	-4900 Sep 16 j 10:48	11° MP 59'48		desc. node	-4897 Mar 04 j 08:20	23° J 59'52	
	-4900 Sep 30 j 22:52	0° U			-4897 Mar 09 j 15:36	0° Z	
	-4900 Oct 25 j 07:03	0° ML			-4897 Apr 04 j 15:47	0° \approx	
	-4900 Nov 18 j 23:55	0° J			-4897 Apr 30 j 01:08	0° K	
	-4900 Dec 14 j 10:03	0° Z			-4897 May 24 j 23:03	0° Y	
asc. node	-4899 Jan 07 j 03:52	26° Z 28'56			-4897 Jun 18 j 11:14	0° U	
	-4899 Jan 10 j 11:31	0° \approx		asc. node	-4897 Jun 25 j 01:39	8° U 09'19	
evening max el	-4899 Jan 21 j 19:19	11° \approx 30'44	45°32'22		-4897 Jul 12 j 15:14	0° II	
	-4899 Feb 11 j 23:12	0° K		morning set	-4897 Jul 14 j 20:42	2° II 47'01	
greatest brilliancy	-4899 Feb 24 j 16:58	7° K 54'59	-4.5m		-4897 Aug 05 j 13:17	0° U	
retrograde	-4899 Mar 11 j 12:44	11° K 44'26		max. Earth dist.	-4897 Aug 20 j 10:20	18° U 45'09	1.71034 AU
evening set	-4899 Mar 27 j 23:43	6° K 32'45					
inferior conj	-4899 Apr 01 j 23:25	3° K 29'37	5°37'06	superior conj	-4897 Aug 22 j 00:03	20° U 44'06	1°23'39
minimum elong	-4899 Apr 02 j 08:19	3° K 15'37	5°35'11	minimum elong	-4897 Aug 22 j 01:24	20° U 48'23	1°23'55
min. Earth dist.	-4899 Apr 02 j 16:25	3° K 02'53	0.29310 AU		-4897 Aug 29 j 08:16	0° Q	
morning rise	-4899 Apr 07 j 16:43	0° K 00'32			-4897 Sep 22 j 03:06	0° MP	
	-4899 Apr 07 j 17:06	30° R \approx		evening rise	-4897 Oct 01 j 20:54	12° MP 15'28	
direct	-4899 Apr 23 j 20:08	25° \approx 02'29		desc. node	-4897 Oct 14 j 23:21	28° MP 42'39	
desc. node	-4899 Apr 29 j 04:33	25° \approx 34'42			-4897 Oct 16 j 00:02	0° U	
greatest brilliancy	-4899 May 07 j 22:06	28° \approx 29'22	-4.5m		-4897 Nov 09 j 00:17	0° ML	
	-4899 May 10 j 23:21	0° K			-4897 Dec 03 j 04:49	0° J	
morning max el	-4899 Jun 12 j 01:53	25° K 19'31	46°03'15		-4897 Dec 27 j 15:36	0° Z	
	-4899 Jun 16 j 20:12	0° Y			-4896 Jan 21 j 12:57	0° \approx	
	-4899 Jul 14 j 21:19	0° U		asc. node	-4896 Feb 04 j 15:35	16° \approx 38'15	
	-4899 Aug 09 j 16:43	0° II			-4896 Feb 16 j 05:04	0° K	
asc. node	-4899 Aug 19 j 23:35	12° II 21'51			-4896 Mar 14 j 08:54	0° Y	
	-4899 Sep 03 j 09:59	0° U		evening max el	-4896 Apr 02 j 17:55	19° Y 31'16	45°07'37
	-4899 Sep 27 j 13:40	0° Q			-4896 Apr 14 j 09:45	0° U	
	-4899 Oct 21 j 11:58	0° MP		greatest brilliancy	-4896 May 08 j 11:23	15° U 52'19	-4.5m
	-4899 Nov 14 j 10:13	0° U		retrograde	-4896 May 21 j 00:08	18° U 36'38	
	-4899 Dec 08 j 11:09	0° ML		desc. node	-4896 May 26 j 15:53	17° U 59'37	
desc. node	-4899 Dec 09 j 22:24	1° ML 49'40		evening set	-4896 Jun 04 j 22:00	14° U 26'28	
morning set	-4899 Dec 15 j 12:02	8° ML 44'55		inferior conj	-4896 Jun 11 j 06:03	10° U 45'54	-3°-35'00
	-4898 Jan 01 j 15:15	0° J		minimum elong	-4896 Jun 10 j 22:34	10° U 57'19	3°32'48
				min. Earth dist.	-4896 Jun 11 j 17:24	10° U 28'36	0.28079 AU
superior conj	-4898 Jan 25 j 00:30	28° J 53'53	-1°-19'-41	morning rise	-4896 Jun 16 j 22:19	7° U 24'23	
minimum elong	-4898 Jan 24 j 18:56	28° J 36'44	1°19'53	direct	-4896 Jul 02 j 16:35	2° U 41'54	
	-4898 Jan 25 j 21:56	0° Z		greatest brilliancy	-4896 Jul 17 j 06:34	6° U 25'35	-4.6m
max. Earth dist.	-4898 Jan 27 j 11:29	1° Z 55'49	1.73063 AU		-4896 Aug 17 j 00:54	0° II	
	-4898 Feb 19 j 06:38	0° \approx		morning max el	-4896 Aug 21 j 20:10	4° II 43'47	46°38'48
evening rise	-4898 Mar 03 j 20:10	15° \approx 26'02			-4896 Sep 14 j 08:51	0° U	
	-4898 Mar 15 j 17:22	0° K		asc. node	-4896 Sep 16 j 11:04	2° U 22'23	
asc. node	-4898 Apr 01 j 14:05	20° K 37'25			-4896 Oct 10 j 01:12	0° Q	
	-4898 Apr 09 j 06:32	0° Y			-4896 Nov 03 j 18:42	0° MP	
	-4898 May 03 j 22:48	0° U			-4896 Nov 28 j 04:47	0° U	
	-4898 May 28 j 19:15	0° II			-4896 Dec 22 j 14:16	0° ML	
	-4898 Jun 22 j 22:17	0° U		desc. node	-4895 Jan 06 j 10:50	18° ML 14'00	
	-4898 Jul 18 j 13:22	0° Q			-4895 Jan 16 j 01:15	0° J	
desc. node	-4898 Jul 22 j 12:36	4° Q 33'42			-4895 Feb 09 j 13:21	0° Z	
	-4898 Aug 14 j 06:06	0° MP		morning set	-4895 Feb 26 j 11:19	20° Z 42'18	
evening max el	-4898 Aug 30 j 10:15	16° MP 59'21	47°34'57		-4895 Mar 06 j 01:31	0° \approx	
	-4898 Sep 13 j 01:03	0° U			-4895 Mar 30 j 12:56	0° K	
greatest brilliancy	-4898 Oct 08 j 06:05	17° U 41'08	-4.7m	max. Earth dist.	-4895 Apr 02 j 07:53	3° K 25'21	1.73742 AU
retrograde	-4898 Oct 20 j 08:11	20° U 25'46					
evening set	-4898 Nov 03 j 21:49	16° U 06'54		superior conj	-4895 Apr 03 j 22:25	5° K 23'34	0°-54'-1
inferior conj	-4898 Nov 09 j 22:45	12° U 29'43	0°-35'-49	minimum elong	-4895 Apr 04 j 06:41	5° K 48'55	0°53'51
minimum elong	-4898 Nov 10 j 00:04	12° U 27'40	0°35'27		-4895 Apr 23 j 23:10	0° Y	
min. Earth dist.	-4898 Nov 09 j 07:07	12° U 54'02	0.26668 AU	asc. node	-4895 Apr 29 j 02:45	6° Y 20'03	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4895 May 09 j 16:00	19° Υ 19'16		greatest brilliancy	-4893 Sep 27 j 07:36	18° \ominus 59'38	-4.7m
	-4895 May 18 j 08:02	0° \mathcal{B}			-4893 Oct 14 j 03:55	0° \mathcal{Q}	
	-4895 Jun 11 j 15:51	0° Π		asc. node	-4893 Oct 14 j 22:14	0° \mathcal{Q} 37'28	
	-4895 Jul 05 j 23:36	0° \ominus		morning max el	-4893 Nov 04 j 02:19	19° \mathcal{Q} 30'41	46°49'13
	-4895 Jul 30 j 09:12	0° \mathcal{Q}			-4893 Nov 14 j 01:24	0° \mathcal{M}	
desc. node	-4895 Aug 19 j 00:32	23° \mathcal{Q} 59'06			-4893 Dec 10 j 18:25	0° \mathcal{L}	
	-4895 Aug 23 j 23:22	0° \mathcal{M}			-4892 Jan 05 j 09:29	0° \mathcal{M}	
	-4895 Sep 17 j 22:15	0° \mathcal{L}			-4892 Jan 30 j 15:30	0° \mathcal{X}	
	-4895 Oct 13 j 14:49	0° \mathcal{M}		desc. node	-4892 Feb 03 j 22:42	5° \mathcal{X} 07'55	
evening max el	-4895 Nov 09 j 14:18	29° \mathcal{M} 24'21	47°03'02		-4892 Feb 24 j 16:59	0° \mathcal{Z}	
	-4895 Nov 10 j 04:17	0° \mathcal{X}			-4892 Mar 20 j 14:31	0° \approx	
asc. node	-4895 Dec 09 j 18:38	25° \mathcal{X} 38'19			-4892 Apr 14 j 07:46	0° \mathcal{K}	
greatest brilliancy	-4895 Dec 15 j 19:25	29° \mathcal{X} 07'12	-4.6m	morning set	-4892 May 04 j 15:55	24° \mathcal{K} 51'57	
	-4895 Dec 17 j 15:39	0° \mathcal{Z}			-4892 May 08 j 20:17	0° Υ	
retrograde	-4895 Dec 30 j 09:59	3° \mathcal{Z} 03'30		asc. node	-4892 May 26 j 15:24	21° Υ 55'48	
	-4894 Jan 11 j 14:34	30° \mathcal{R} \mathcal{X}			-4892 Jun 02 j 03:59	0° \mathcal{B}	
evening set	-4894 Jan 16 j 09:30	27° \mathcal{X} 21'35		max. Earth dist.	-4892 Jun 05 j 06:47	3° \mathcal{B} 51'41	1.72761 AU
min. Earth dist.	-4894 Jan 19 j 22:04	25° \mathcal{X} 08'46	0.28710 AU				
inferior conj	-4894 Jan 20 j 15:58	24° \mathcal{X} 40'02	7°45'23	superior conj	-4892 Jun 09 j 13:00	9° \mathcal{B} 08'40	0°31'52
minimum elong	-4894 Jan 20 j 09:48	24° \mathcal{X} 49'56	7°44'28	minimum elong	-4892 Jun 09 j 07:03	8° \mathcal{B} 50'12	0°31'45
morning rise	-4894 Jan 24 j 10:27	22° \mathcal{X} 17'11			-4892 Jun 26 j 07:18	0° Π	
direct	-4894 Feb 10 j 20:38	16° \mathcal{X} 24'51		evening rise	-4892 Jul 15 j 19:31	24° Π 21'58	
greatest brilliancy	-4894 Feb 22 j 02:13	18° \mathcal{X} 40'45	-4.5m		-4892 Jul 20 j 07:35	0° \ominus	
	-4894 Mar 13 j 00:01	0° \mathcal{Z}			-4892 Aug 13 j 06:50	0° \mathcal{Q}	
morning max el	-4894 Mar 31 j 14:02	16° \mathcal{Z} 07'56	45°50'44		-4892 Sep 06 j 07:15	0° \mathcal{M}	
desc. node	-4894 Mar 31 j 19:36	16° \mathcal{Z} 21'11		desc. node	-4892 Sep 15 j 12:54	11° \mathcal{M} 29'59	
	-4894 Apr 14 j 13:17	0° \approx			-4892 Sep 30 j 10:45	0° \mathcal{L}	
	-4894 May 12 j 07:43	0° \mathcal{K}			-4892 Oct 24 j 19:23	0° \mathcal{M}	
	-4894 Jun 07 j 10:08	0° Υ			-4892 Nov 18 j 13:01	0° \mathcal{X}	
	-4894 Jul 02 j 13:43	0° \mathcal{B}			-4892 Dec 14 j 00:41	0° \mathcal{Z}	
asc. node	-4894 Jul 22 j 13:51	24° \mathcal{B} 27'08		asc. node	-4891 Jan 06 j 05:56	25° \mathcal{Z} 47'03	
	-4894 Jul 27 j 01:38	0° Π			-4891 Jan 10 j 06:07	0° \approx	
	-4894 Aug 20 j 02:52	0° \ominus		evening max el	-4891 Jan 19 j 11:56	9° \approx 21'01	45°34'49
	-4894 Sep 12 j 22:12	0° \mathcal{Q}			-4891 Feb 12 j 15:08	0° \mathcal{K}	
morning set	-4894 Sep 26 j 11:58	17° \mathcal{Q} 09'05		greatest brilliancy	-4891 Feb 22 j 10:23	5° \mathcal{K} 49'13	-4.5m
	-4894 Oct 06 j 16:02	0° \mathcal{M}		retrograde	-4891 Mar 09 j 05:49	9° \mathcal{K} 38'12	
	-4894 Oct 30 j 11:30	0° \mathcal{L}		evening set	-4891 Mar 25 j 19:13	4° \mathcal{K} 22'53	
				inferior conj	-4891 Mar 30 j 16:28	1° \mathcal{K} 22'45	5°50'27
superior conj	-4894 Nov 07 j 07:05	9° \mathcal{L} 48'55	0°09'46	minimum elong	-4891 Mar 31 j 01:23	1° \mathcal{K} 08'42	5°48'35
minimum elong	-4894 Nov 07 j 09:46	9° \mathcal{L} 57'19	0°09'37	min. Earth dist.	-4891 Mar 31 j 08:36	0° \mathcal{K} 57'19	0.29328 AU
behind sun begin	-4894 Nov 06 j 11:27	8° \mathcal{L} 47'20			-4891 Apr 01 j 21:11	30° \mathcal{R} \approx	
behind sun end	-4894 Nov 08 j 08:05	11° \mathcal{L} 07'18		morning rise	-4891 Apr 05 j 07:25	27° \approx 56'41	
desc. node	-4894 Nov 11 j 12:00	15° \mathcal{L} 05'14		direct	-4891 Apr 21 j 13:37	22° \approx 55'35	
max. Earth dist.	-4894 Nov 12 j 09:52	16° \mathcal{L} 13'42	1.71347 AU	desc. node	-4891 Apr 28 j 06:44	23° \approx 45'47	
	-4894 Nov 23 j 10:05	0° \mathcal{M}		greatest brilliancy	-4891 May 05 j 11:43	26° \approx 18'25	-4.5m
	-4894 Dec 17 j 12:06	0° \mathcal{X}			-4891 May 12 j 09:11	0° \mathcal{K}	
evening rise	-4894 Dec 19 j 10:03	2° \mathcal{X} 22'36		morning max el	-4891 Jun 09 j 18:09	23° \mathcal{K} 09'57	46°02'09
	-4893 Jan 10 j 17:42	0° \mathcal{Z}			-4891 Jun 16 j 16:14	0° Υ	
	-4893 Feb 04 j 03:52	0° \approx			-4891 Jul 14 j 12:22	0° \mathcal{B}	
	-4893 Feb 28 j 20:37	0° \mathcal{K}			-4891 Aug 09 j 05:57	0° Π	
asc. node	-4893 Mar 04 j 03:49	3° \mathcal{K} 58'40		asc. node	-4891 Aug 19 j 01:41	11° Π 49'24	
	-4893 Mar 25 j 22:51	0° Υ			-4891 Sep 02 j 22:22	0° \ominus	
	-4893 Apr 20 j 15:04	0° \mathcal{B}			-4891 Sep 27 j 01:37	0° \mathcal{Q}	
	-4893 May 17 j 06:33	0° Π			-4891 Oct 20 j 23:38	0° \mathcal{M}	
evening max el	-4893 Jun 15 j 05:32	0° \ominus 08'13	46°14'24		-4891 Nov 13 j 21:40	0° \mathcal{L}	
	-4893 Jun 15 j 02:08	0° \ominus			-4891 Dec 07 j 22:25	0° \mathcal{M}	
desc. node	-4893 Jun 24 j 03:14	8° \ominus 27'07		desc. node	-4891 Dec 09 j 00:34	1° \mathcal{M} 21'20	
greatest brilliancy	-4893 Jul 24 j 14:38	29° \ominus 11'44	-4.6m	morning set	-4891 Dec 12 j 22:41	6° \mathcal{M} 13'59	
	-4893 Jul 27 j 02:20	0° \mathcal{Q}			-4890 Jan 01 j 02:23	0° \mathcal{X}	
retrograde	-4893 Aug 03 j 23:15	1° \mathcal{Q} 09'27					
	-4893 Aug 11 j 13:37	30° \mathcal{R} \ominus		superior conj	-4890 Jan 22 j 14:42	26° \mathcal{X} 35'35	-1°-18'-38
evening set	-4893 Aug 21 j 21:52	25° \ominus 09'19		minimum elong	-4890 Jan 22 j 08:25	26° \mathcal{X} 16'11	1°18'49
inferior conj	-4893 Aug 24 j 16:53	23° \ominus 29'20	-8°-55'-46		-4890 Jan 25 j 08:57	0° \mathcal{Z}	
minimum elong	-4893 Aug 24 j 19:37	23° \ominus 25'13	8°55'26	max. Earth dist.	-4890 Jan 25 j 07:26	29° \mathcal{X} 55'17	1.73014 AU
min. Earth dist.	-4893 Aug 25 j 00:04	23° \ominus 18'30	0.26860 AU		-4890 Feb 18 j 17:37	0° \approx	
morning rise	-4893 Aug 27 j 17:16	21° \ominus 41'21		evening rise	-4890 Mar 01 j 13:19	13° \approx 17'39	
direct	-4893 Sep 14 j 06:10	15° \ominus 49'13			-4890 Mar 15 j 04:23	0° \mathcal{K}	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 3

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4890 Mar 31 j 16:18	20° Υ 10'10			-4888 Nov 27 j 17:12	0° Ω	
	-4890 Apr 08 j 17:45	0° Υ			-4888 Dec 22 j 02:15	0° \mathbb{M}	
	-4890 May 03 j 10:25	0° \mathcal{B}		desc. node	-4887 Jan 05 j 12:49	17° \mathbb{M} 44'04	
	-4890 May 28 j 07:31	0° Π			-4887 Jan 15 j 12:53	0° \mathcal{A}	
	-4890 Jun 22 j 11:37	0° \mathfrak{S}			-4887 Feb 09 j 00:42	0° \mathfrak{S}	
	-4890 Jul 18 j 04:33	0° Ω		morning set	-4887 Feb 24 j 03:47	18° \mathfrak{S} 31'27	
desc. node	-4890 Jul 21 j 14:36	3° Ω 54'55			-4887 Mar 05 j 12:39	0° \approx	
	-4890 Aug 14 j 01:07	0° \mathbb{M}			-4887 Mar 29 j 23:58	0° Υ	
evening max el	-4890 Aug 28 j 00:38	14° \mathbb{M} 35'42	47°33'31	max. Earth dist.	-4887 Mar 31 j 04:57	1° Υ 28'55	1.73747 AU
	-4890 Sep 13 j 09:25	0° Ω					
greatest brilliancy	-4890 Oct 05 j 22:56	15° Ω 16'25	-4.7m	superior conj	-4887 Apr 01 j 17:03	3° Υ 19'38	0°-56'-18
retrograde	-4890 Oct 17 j 21:04	17° Ω 56'30		minimum elong	-4887 Apr 02 j 01:25	3° Υ 45'18	0°56'09
evening set	-4890 Nov 01 j 12:04	13° Ω 37'09			-4887 Apr 23 j 10:13	0° Υ	
inferior conj	-4890 Nov 07 j 11:42	10° Ω 01'54	0°-59'-35	asc. node	-4887 Apr 28 j 04:55	5° Υ 52'41	
minimum elong	-4890 Nov 07 j 13:54	9° Ω 58'30	0°58'55	evening rise	-4887 May 07 j 11:28	17° Υ 17'16	
min. Earth dist.	-4890 Nov 06 j 21:31	10° Ω 23'59	0.26625 AU		-4887 May 17 j 19:14	0° \mathcal{B}	
asc. node	-4890 Nov 11 j 09:25	7° Ω 39'19			-4887 Jun 11 j 03:18	0° Π	
morning rise	-4890 Nov 13 j 16:29	6° Ω 22'10			-4887 Jul 05 j 11:25	0° \mathfrak{S}	
direct	-4890 Nov 27 j 18:57	2° Ω 22'29			-4887 Jul 29 j 21:31	0° Ω	
greatest brilliancy	-4890 Dec 08 j 20:12	4° Ω 40'36	-4.6m	desc. node	-4887 Aug 18 j 02:42	23° Ω 26'33	
	-4889 Jan 12 j 04:59	0° \mathbb{M}			-4887 Aug 23 j 12:25	0° \mathbb{M}	
morning max el	-4889 Jan 16 j 09:59	4° \mathbb{M} 04'03	46°17'48		-4887 Sep 17 j 12:28	0° Ω	
	-4889 Feb 10 j 08:21	0° \mathcal{A}			-4887 Oct 13 j 07:14	0° \mathbb{M}	
desc. node	-4889 Mar 03 j 10:31	23° \mathcal{A} 24'45		evening max el	-4887 Nov 07 j 05:34	27° \mathbb{M} 04'58	47°05'44
	-4889 Mar 09 j 05:47	0° \mathfrak{S}			-4887 Nov 10 j 02:44	0° \mathcal{A}	
	-4889 Apr 04 j 04:30	0° \approx		asc. node	-4887 Dec 08 j 20:41	24° \mathcal{A} 15'55	
	-4889 Apr 29 j 13:02	0° Υ		greatest brilliancy	-4887 Dec 13 j 12:01	26° \mathcal{A} 52'01	-4.6m
	-4889 May 24 j 10:28	0° Υ			-4887 Dec 21 j 16:49	0° \mathfrak{S}	
	-4889 Jun 17 j 22:24	0° \mathcal{B}		retrograde	-4887 Dec 28 j 02:48	0° \mathfrak{S} 49'03	
asc. node	-4889 Jun 24 j 03:45	7° \mathcal{B} 41'22			-4886 Jan 03 j 08:32	30° \mathcal{R} \mathcal{A}	
	-4889 Jul 12 j 02:19	0° Π		evening set	-4886 Jan 13 j 23:08	25° \mathcal{A} 10'53	
morning set	-4889 Jul 12 j 12:48	0° Π 32'44		min. Earth dist.	-4886 Jan 17 j 13:10	22° \mathcal{A} 56'12	0.28649 AU
	-4889 Aug 05 j 00:23	0° \mathfrak{S}		inferior conj	-4886 Jan 18 j 08:10	22° \mathcal{A} 25'45	7°38'19
max. Earth dist.	-4889 Aug 17 j 17:10	16° \mathfrak{S} 00'15	1.71076 AU	minimum elong	-4886 Jan 18 j 01:30	22° \mathcal{A} 36'27	7°37'19
				morning rise	-4886 Jan 22 j 04:13	20° \mathcal{A} 00'48	
superior conj	-4889 Aug 19 j 13:33	18° \mathfrak{S} 20'13	1°23'48	direct	-4886 Feb 08 j 11:53	14° \mathcal{A} 11'22	
minimum elong	-4889 Aug 19 j 14:01	18° \mathfrak{S} 21'39	1°24'03	greatest brilliancy	-4886 Feb 19 j 16:47	16° \mathcal{A} 27'05	-4.5m
	-4889 Aug 28 j 19:26	0° Ω			-4886 Mar 13 j 10:54	0° \mathfrak{S}	
	-4889 Sep 21 j 14:24	0° \mathbb{M}		morning max el	-4886 Mar 29 j 06:16	13° \mathfrak{S} 57'49	45°51'06
evening rise	-4889 Sep 29 j 05:55	9° \mathbb{M} 37'16		desc. node	-4886 Mar 30 j 21:49	15° \mathfrak{S} 32'19	
desc. node	-4889 Oct 14 j 01:33	28° \mathbb{M} 13'41			-4886 Apr 14 j 07:47	0° \approx	
	-4889 Oct 15 j 11:29	0° Ω			-4886 May 11 j 22:20	0° Υ	
	-4889 Nov 08 j 11:53	0° \mathbb{M}			-4886 Jun 06 j 23:07	0° Υ	
	-4889 Dec 02 j 16:36	0° \mathcal{A}			-4886 Jul 02 j 01:53	0° \mathcal{B}	
	-4889 Dec 27 j 03:42	0° \mathfrak{S}		asc. node	-4886 Jul 21 j 15:53	23° \mathcal{B} 57'06	
	-4888 Jan 21 j 01:44	0° \approx			-4886 Jul 26 j 13:21	0° Π	
asc. node	-4888 Feb 03 j 17:43	16° \approx 05'15			-4886 Aug 19 j 14:22	0° \mathfrak{S}	
	-4888 Feb 15 j 19:17	0° Υ			-4886 Sep 12 j 09:37	0° Ω	
	-4888 Mar 14 j 02:38	0° Υ		morning set	-4886 Sep 23 j 23:07	14° Ω 36'42	
evening max el	-4888 Mar 31 j 08:03	17° Υ 15'57	45°06'54		-4886 Oct 06 j 03:24	0° \mathbb{M}	
	-4888 Apr 14 j 17:10	0° \mathcal{B}			-4886 Oct 29 j 22:50	0° Ω	
greatest brilliancy	-4888 May 05 j 23:10	13° \mathcal{B} 35'09	-4.5m				
retrograde	-4888 May 18 j 14:30	16° \mathcal{B} 22'42		superior conj	-4886 Nov 04 j 16:00	7° Ω 10'45	0°13'44
desc. node	-4888 May 25 j 18:04	15° \mathcal{B} 23'17		minimum elong	-4886 Nov 04 j 19:45	7° Ω 22'31	0°13'31
evening set	-4888 Jun 02 j 11:34	12° \mathcal{B} 13'11		behind sun begin	-4886 Nov 04 j 04:11	6° Ω 33'41	
inferior conj	-4888 Jun 08 j 20:51	8° \mathcal{B} 31'11	-3°-15'-25	behind sun end	-4886 Nov 05 j 11:19	8° Ω 11'21	
minimum elong	-4888 Jun 08 j 13:57	8° \mathcal{B} 41'41	3°13'22	max. Earth dist.	-4886 Nov 09 j 18:30	13° Ω 34'57	1.71299 AU
min. Earth dist.	-4888 Jun 09 j 09:00	8° \mathcal{B} 12'42	0.28125 AU	desc. node	-4886 Nov 10 j 14:06	14° Ω 36'24	
morning rise	-4888 Jun 14 j 15:29	5° \mathcal{B} 06'25			-4886 Nov 22 j 21:23	0° \mathbb{M}	
direct	-4888 Jun 30 j 07:33	0° \mathcal{B} 25'59		evening rise	-4886 Dec 16 j 21:36	29° \mathbb{M} 54'29	
greatest brilliancy	-4888 Jul 15 j 00:02	4° \mathcal{B} 12'13	-4.6m		-4886 Dec 16 j 23:23	0° \mathcal{A}	
	-4888 Aug 17 j 00:54	0° Π			-4885 Jan 10 j 05:03	0° \mathfrak{S}	
morning max el	-4888 Aug 19 j 10:31	2° Π 23'00	46°37'52		-4885 Feb 03 j 15:24	0° \approx	
	-4888 Sep 14 j 01:30	0° \mathfrak{S}			-4885 Feb 28 j 08:31	0° Υ	
asc. node	-4888 Sep 15 j 13:20	1° \mathfrak{S} 42'03		asc. node	-4885 Mar 03 j 05:59	3° Υ 29'09	
	-4888 Oct 09 j 15:25	0° Ω			-4885 Mar 25 j 11:29	0° Υ	
	-4888 Nov 03 j 07:46	0° \mathbb{M}			-4885 Apr 20 j 05:04	0° \mathcal{B}	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 4

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4885 May 16 j 23:24	0°♊				-4883 Dec 07 j 09:46	0°♌	
evening max el	-4885 Jun 12 j 19:32	27°♊47'37	46°11'10	desc. node		-4883 Dec 08 j 02:31	0°♌52'10	
	-4885 Jun 15 j 02:49	0°♋		morning set		-4883 Dec 10 j 09:20	3°♌42'41	
desc. node	-4885 Jun 23 j 05:15	7°♋25'35				-4883 Dec 31 j 13:34	0°♌	
greatest brilliancy	-4885 Jul 22 j 00:47	26°♋42'17	-4.6m					
retrograde	-4885 Aug 01 j 11:33	28°♋41'12		superior conj		-4882 Jan 20 j 04:57	24°♌17'16	-1°-17'-27
evening set	-4885 Aug 19 j 10:03	22°♋40'59		minimum elong		-4882 Jan 19 j 21:59	23°♌55'48	1°17'36
inferior conj	-4885 Aug 22 j 05:01	21°♋00'56	-8°-57'-45	max. Earth dist.		-4882 Jan 23 j 03:00	27°♌53'30	1.72960 AU
minimum elong	-4885 Aug 22 j 06:48	20°♋58'15	8°57'28			-4882 Jan 24 j 20:01	0°♌	
min. Earth dist.	-4885 Aug 22 j 11:44	20°♋50'48	0.26896 AU			-4882 Feb 18 j 04:36	0°♌	
morning rise	-4885 Aug 25 j 03:29	19°♋15'45		evening rise		-4882 Feb 27 j 06:28	11°♌09'12	
direct	-4885 Sep 11 j 19:41	13°♋20'32				-4882 Mar 14 j 15:25	0°♌	
greatest brilliancy	-4885 Sep 24 j 20:54	16°♋31'04	-4.7m	asc. node		-4882 Mar 30 j 18:26	19°♌42'33	
asc. node	-4885 Oct 14 j 00:25	29°♋25'53				-4882 Apr 08 j 05:02	0°♌	
	-4885 Oct 14 j 16:29	0°♌				-4882 May 02 j 22:09	0°♌	
morning max el	-4885 Nov 01 j 16:02	17°♌03'53	46°49'45			-4882 May 27 j 19:58	0°♌	
	-4885 Nov 13 j 21:06	0°♌				-4882 Jun 22 j 01:11	0°♌	
	-4885 Dec 10 j 09:57	0°♌				-4882 Jul 17 j 20:02	0°♌	
	-4884 Jan 04 j 23:08	0°♌		desc. node		-4882 Jul 20 j 16:48	3°♌16'05	
	-4884 Jan 30 j 04:05	0°♌				-4882 Aug 13 j 20:43	0°♌	
desc. node	-4884 Feb 03 j 00:55	4°♌37'18		evening max el		-4882 Aug 25 j 13:46	12°♌08'51	47°32'10
	-4884 Feb 24 j 04:54	0°♌				-4882 Sep 13 j 20:36	0°♌	
	-4884 Mar 20 j 02:01	0°♌		greatest brilliancy		-4882 Oct 03 j 15:39	12°♌51'26	-4.7m
	-4884 Apr 13 j 18:59	0°♌		retrograde		-4882 Oct 15 j 09:32	15°♌27'20	
morning set	-4884 May 02 j 10:57	22°♌49'11		evening set		-4882 Oct 30 j 02:24	11°♌06'54	
	-4884 May 08 j 07:22	0°♌		min. Earth dist.		-4882 Nov 04 j 12:01	7°♌53'40	0.26587 AU
asc. node	-4884 May 25 j 17:24	21°♌27'54		inferior conj		-4882 Nov 05 j 00:37	7°♌34'06	-1°-23'-14
	-4884 Jun 01 j 15:01	0°♌		minimum elong		-4882 Nov 05 j 03:40	7°♌29'21	1°22'17
max. Earth dist.	-4884 Jun 03 j 00:24	1°♌43'22	1.72816 AU	asc. node		-4882 Nov 10 j 11:31	4°♌18'33	
				morning rise		-4882 Nov 11 j 05:33	3°♌54'03	
superior conj	-4884 Jun 07 j 07:10	7°♌01'50	0°28'57			-4882 Nov 23 j 08:07	30°♌	
minimum elong	-4884 Jun 07 j 01:42	6°♌44'54	0°28'51	direct		-4882 Nov 25 j 06:57	29°♌55'19	
	-4884 Jun 25 j 18:24	0°♌				-4882 Nov 27 j 06:14	0°♌	
evening rise	-4884 Jul 13 j 11:45	22°♌07'29		greatest brilliancy		-4882 Dec 06 j 11:00	2°♌15'46	-4.6m
	-4884 Jul 19 j 18:52	0°♌				-4881 Jan 12 j 05:45	0°♌	
	-4884 Aug 12 j 18:22	0°♌		morning max el		-4881 Jan 13 j 22:44	1°♌40'04	46°19'13
	-4884 Sep 05 j 19:03	0°♌				-4881 Feb 10 j 01:09	0°♌	
desc. node	-4884 Sep 14 j 15:04	10°♌59'39		desc. node		-4881 Mar 02 j 12:40	22°♌50'06	
	-4884 Sep 29 j 22:52	0°♌				-4881 Mar 08 j 19:43	0°♌	
	-4884 Oct 24 j 07:57	0°♌				-4881 Apr 03 j 17:01	0°♌	
	-4884 Nov 18 j 02:22	0°♌				-4881 Apr 29 j 00:45	0°♌	
	-4884 Dec 13 j 15:37	0°♌				-4881 May 23 j 21:47	0°♌	
asc. node	-4883 Jan 05 j 08:04	25°♌04'39				-4881 Jun 17 j 09:32	0°♌	
	-4883 Jan 10 j 01:19	0°♌		asc. node		-4881 Jun 23 j 05:50	7°♌13'32	
evening max el	-4883 Jan 17 j 03:36	7°♌08'27	45°37'12	morning set		-4881 Jul 10 j 04:41	28°♌17'56	
	-4883 Feb 13 j 12:58	0°♌				-4881 Jul 11 j 13:23	0°♌	
greatest brilliancy	-4883 Feb 20 j 03:39	3°♌42'40	-4.5m			-4881 Aug 04 j 11:27	0°♌	
retrograde	-4883 Mar 06 j 22:25	7°♌31'20		max. Earth dist.		-4881 Aug 15 j 01:46	13°♌21'03	1.71118 AU
evening set	-4883 Mar 23 j 14:39	2°♌12'23						
	-4883 Mar 27 j 05:12	30°♌		superior conj		-4881 Aug 17 j 02:48	15°♌55'37	1°23'47
inferior conj	-4883 Mar 28 j 09:30	29°♌15'18	6°03'15	minimum elong		-4881 Aug 17 j 02:21	15°♌54'12	1°24'02
minimum elong	-4883 Mar 28 j 18:22	29°♌01'17	6°01'26			-4881 Aug 28 j 06:34	0°♌	
min. Earth dist.	-4883 Mar 29 j 01:01	28°♌50'46	0.29350 AU			-4881 Sep 21 j 01:38	0°♌	
morning rise	-4883 Apr 02 j 21:58	25°♌52'14		evening rise		-4881 Sep 26 j 14:49	6°♌58'57	
direct	-4883 Apr 19 j 06:40	20°♌47'59		desc. node		-4881 Oct 13 j 03:34	27°♌44'30	
desc. node	-4883 Apr 27 j 08:54	21°♌59'53				-4881 Oct 14 j 22:49	0°♌	
greatest brilliancy	-4883 May 03 j 01:38	24°♌06'57	-4.5m			-4881 Nov 07 j 23:21	0°♌	
	-4883 May 13 j 09:48	0°♌				-4881 Dec 02 j 04:15	0°♌	
morning max el	-4883 Jun 07 j 09:34	20°♌57'28	46°01'04			-4881 Dec 26 j 15:41	0°♌	
	-4883 Jun 16 j 11:59	0°♌				-4880 Jan 20 j 14:23	0°♌	
	-4883 Jul 14 j 03:29	0°♌		asc. node		-4880 Feb 02 j 19:57	15°♌33'03	
	-4883 Aug 08 j 19:16	0°♌				-4880 Feb 15 j 09:26	0°♌	
asc. node	-4883 Aug 18 j 03:57	11°♌17'10				-4880 Mar 13 j 20:30	0°♌	
	-4883 Sep 02 j 10:50	0°♌		evening max el		-4880 Mar 28 j 22:41	15°♌02'48	45°06'21
	-4883 Sep 26 j 13:37	0°♌				-4880 Apr 15 j 02:49	0°♌	
	-4883 Oct 20 j 11:20	0°♌		greatest brilliancy		-4880 May 03 j 10:08	11°♌18'08	-4.5m
	-4883 Nov 13 j 09:11	0°♌		retrograde		-4880 May 16 j 05:27	14°♌09'45	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 5

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4880 May 24 j 20:04	12°♄43'11	minimum elong	-4878 Nov 02 j 05:14	4°♊46'45	0°17'28
evening set	-4880 May 31 j 01:24	10°♄00'34	max. Earth dist.	-4878 Nov 07 j 03:28	10°♊57'45	1.71252 AU
inferior conj	-4880 Jun 06 j 11:40	6°♄17'12	-2°-55'-34	desc. node	-4878 Nov 09 j 16:09	14°♊07'59
minimum elong	-4880 Jun 06 j 05:23	6°♄26'45	2°53'42		-4878 Nov 22 j 08:27	0°♌
min. Earth dist.	-4880 Jun 07 j 00:14	5°♄58'06	0.28176 AU	evening rise	-4878 Dec 14 j 08:31	27°♌25'02
morning rise	-4880 Jun 12 j 08:33	2°♄49'30			-4878 Dec 16 j 10:25	0°♍
	-4880 Jun 18 j 08:53	30°♌♌			-4877 Jan 09 j 16:07	0°♎
direct	-4880 Jun 27 j 23:01	28°♌10'49			-4877 Feb 03 j 02:38	0°♏
	-4880 Jul 07 j 22:56	0°♍			-4877 Feb 27 j 20:07	0°♐
greatest brilliancy	-4880 Jul 12 j 17:39	1°♍59'48	-4.6m	asc. node	-4877 Mar 02 j 08:07	3°♐00'30
	-4880 Aug 16 j 23:46	0°♎			-4877 Mar 24 j 23:49	0°♑
morning max el	-4880 Aug 17 j 01:53	0°♎05'18	46°36'45		-4877 Apr 19 j 18:49	0°♒
	-4880 Sep 13 j 17:48	0°♏			-4877 May 16 j 16:05	0°♓
asc. node	-4880 Sep 14 j 15:26	1°♏01'52		evening max el	-4877 Jun 10 j 09:35	25°♓28'42
	-4880 Oct 09 j 05:24	0°♐			-4877 Jun 15 j 04:06	0°♔
	-4880 Nov 02 j 20:37	0°♑		desc. node	-4877 Jun 22 j 07:30	6°♔24'41
	-4880 Nov 27 j 05:23	0°♒		greatest brilliancy	-4877 Jul 19 j 11:56	24°♔16'01
	-4880 Dec 21 j 13:57	0°♓		retrograde	-4877 Jul 29 j 23:36	26°♔15'09
desc. node	-4879 Jan 04 j 14:59	17°♓15'36		evening set	-4877 Aug 16 j 21:54	20°♔16'00
	-4879 Jan 15 j 00:12	0°♔		inferior conj	-4877 Aug 19 j 17:26	18°♔34'56
	-4879 Feb 08 j 11:44	0°♕		minimum elong	-4877 Aug 19 j 18:14	18°♔33'42
morning set	-4879 Feb 21 j 20:13	16°♕21'18		min. Earth dist.	-4877 Aug 19 j 23:51	18°♔25'14
	-4879 Mar 04 j 23:30	0°♖		morning rise	-4877 Aug 22 j 14:31	16°♕51'36
max. Earth dist.	-4879 Mar 29 j 03:24	29°♖37'33	1.73749 AU	direct	-4877 Sep 09 j 09:05	10°♕54'12
	-4879 Mar 29 j 10:43	0°♗		greatest brilliancy	-4877 Sep 22 j 10:20	14°♕04'22
				asc. node	-4877 Oct 13 j 02:32	28°♕17'29
superior conj	-4879 Mar 30 j 11:48	1°♗16'58	0°-58'-29		-4877 Oct 15 j 01:19	0°♘
minimum elong	-4879 Mar 30 j 20:15	1°♗42'52	0°58'22	morning max el	-4877 Oct 30 j 04:53	14°♘35'46
	-4879 Apr 22 j 20:58	0°♘			-4877 Nov 13 j 15:58	0°♙
asc. node	-4879 Apr 27 j 06:58	5°♘25'52			-4877 Dec 10 j 01:03	0°♚
evening rise	-4879 May 05 j 07:11	15°♘17'01			-4876 Jan 04 j 12:28	0°♛
	-4879 May 17 j 06:07	0°♙			-4876 Jan 29 j 16:23	0°♜
	-4879 Jun 10 j 14:27	0°♚		desc. node	-4876 Feb 02 j 03:05	4°♜07'24
	-4879 Jul 04 j 22:59	0°♛			-4876 Feb 23 j 16:31	0°♞
	-4879 Jul 29 j 09:40	0°♜			-4876 Mar 19 j 13:10	0°♟
desc. node	-4879 Aug 17 j 04:51	22°♜54'22			-4876 Apr 13 j 05:51	0°♠
	-4879 Aug 23 j 01:22	0°♞		morning set	-4876 Apr 30 j 06:04	20°♠47'46
	-4879 Sep 17 j 02:39	0°♟			-4876 May 07 j 18:05	0°♑
	-4879 Oct 12 j 23:45	0°♠		asc. node	-4876 May 24 j 19:33	21°♑01'29
evening max el	-4879 Nov 04 j 21:45	24°♠48'27	47°08'36	max. Earth dist.	-4876 May 31 j 17:56	29°♑35'55
	-4879 Nov 10 j 01:52	0°♒			-4876 Jun 01 j 01:43	0°♓
asc. node	-4879 Dec 07 j 22:48	22°♒51'47				
greatest brilliancy	-4879 Dec 11 j 05:12	24°♒38'22	-4.6m	superior conj	-4876 Jun 05 j 01:41	4°♓57'15
retrograde	-4879 Dec 25 j 19:57	28°♒35'08		minimum elong	-4876 Jun 04 j 20:44	4°♓41'54
evening set	-4878 Jan 11 j 12:43	23°♒00'57			-4876 Jun 25 j 05:12	0°♔
min. Earth dist.	-4878 Jan 15 j 03:54	20°♒44'44	0.28580 AU	evening rise	-4876 Jul 11 j 04:32	19°♔55'55
inferior conj	-4878 Jan 16 j 00:20	20°♒12'03	7°30'42		-4876 Jul 19 j 05:49	0°♕
minimum elong	-4878 Jan 15 j 17:10	20°♒23'31	7°29'33		-4876 Aug 12 j 05:32	0°♌
morning rise	-4878 Jan 19 j 22:04	17°♒44'54			-4876 Sep 05 j 06:29	0°♍
direct	-4878 Feb 06 j 03:34	11°♒58'49		desc. node	-4876 Sep 13 j 17:07	10°♍30'04
greatest brilliancy	-4878 Feb 17 j 06:19	14°♒13'15	-4.5m		-4876 Sep 29 j 10:40	0°♎
	-4878 Mar 13 j 18:27	0°♏			-4876 Oct 23 j 20:17	0°♏
morning max el	-4878 Mar 26 j 22:50	11°♏49'38	45°51'28		-4876 Nov 17 j 15:32	0°♐
desc. node	-4878 Mar 29 j 23:54	14°♏45'08			-4876 Dec 13 j 06:31	0°♑
	-4878 Apr 14 j 01:25	0°♐		asc. node	-4875 Jan 04 j 10:21	24°♑22'35
	-4878 May 11 j 12:23	0°♑			-4875 Jan 09 j 20:52	0°♒
	-4878 Jun 06 j 11:38	0°♒		evening max el	-4875 Jan 14 j 18:28	4°♒54'15
	-4878 Jul 01 j 13:37	0°♓			-4875 Feb 14 j 18:58	0°♓
asc. node	-4878 Jul 20 j 18:10	23°♓29'02		greatest brilliancy	-4875 Feb 17 j 20:29	1°♓36'00
	-4878 Jul 26 j 00:41	0°♔		retrograde	-4875 Mar 04 j 14:55	5°♓25'20
	-4878 Aug 19 j 01:32	0°♕		evening set	-4875 Mar 21 j 10:07	0°♓02'36
	-4878 Sep 11 j 20:44	0°♌			-4875 Mar 21 j 11:53	30°♓♓
morning set	-4878 Sep 21 j 10:12	12°♌04'58		inferior conj	-4875 Mar 26 j 02:37	27°♓08'47
	-4878 Oct 05 j 14:32	0°♍		minimum elong	-4875 Mar 26 j 11:23	26°♓54'53
	-4878 Oct 29 j 09:56	0°♎		min. Earth dist.	-4875 Mar 26 j 17:41	26°♓44'54
				morning rise	-4875 Mar 31 j 12:30	23°♓48'55
superior conj	-4878 Nov 02 j 00:26	4°♎31'40	0°17'41	direct	-4875 Apr 16 j 23:15	18°♓41'14

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 6

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4875 Apr 26 j 10:58	20° \approx 18'33		-4873 Oct 14 j 10:07	0° Ω	
greatest brilliancy	-4875 Apr 30 j 16:18	21° \approx 57'20	-4.5m	-4873 Nov 07 j 10:46	0° \mathbb{M}	
	-4875 May 14 j 03:29	0° \mathbb{H}		-4873 Dec 01 j 15:49	0° \mathbb{Z}	
morning max el	-4875 Jun 05 j 00:39	18° \mathbb{H} 45'11	46°00'05	-4873 Dec 26 j 03:36	0° \mathbb{Z}	
	-4875 Jun 16 j 06:50	0° \mathbb{Y}		-4872 Jan 20 j 03:03	0° \approx	
	-4875 Jul 13 j 18:04	0° \mathbb{B}		asc. node	-4872 Feb 01 j 22:00	15° \approx 00'15
	-4875 Aug 08 j 08:12	0° \mathbb{I}			-4872 Feb 14 j 23:43	0° \mathbb{H}
asc. node	-4875 Aug 17 j 05:59	10° \mathbb{I} 45'14			-4872 Mar 13 j 14:52	0° \mathbb{Y}
	-4875 Sep 01 j 22:57	0° \mathbb{S}		evening max el	-4872 Mar 26 j 14:18	12° \mathbb{Y} 51'58 45°05'52
	-4875 Sep 26 j 01:17	0° \mathbb{Q}			-4872 Apr 15 j 15:57	0° \mathbb{B}
	-4875 Oct 19 j 22:44	0° \mathbb{P}		greatest brilliancy	-4872 Apr 30 j 21:44	9° \mathbb{B} 01'56 -4.5m
	-4875 Nov 12 j 20:23	0° \mathbb{A}		retrograde	-4872 May 13 j 20:46	11° \mathbb{B} 56'50
	-4875 Dec 06 j 20:51	0° \mathbb{M}		desc. node	-4872 May 23 j 22:20	9° \mathbb{B} 58'26
desc. node	-4875 Dec 07 j 04:43	0° \mathbb{M} 24'30		evening set	-4872 May 28 j 15:36	7° \mathbb{B} 48'03
morning set	-4875 Dec 07 j 19:54	1° \mathbb{M} 11'46		inferior conj	-4872 Jun 04 j 02:35	4° \mathbb{B} 03'23 -2°-35'-38
	-4875 Dec 31 j 00:33	0° \mathbb{Z}		minimum elong	-4872 Jun 03 j 20:57	4° \mathbb{B} 11'56 2°33'55
				min. Earth dist.	-4872 Jun 04 j 15:20	3° \mathbb{B} 43'58 0.28224 AU
superior conj	-4874 Jan 17 j 18:51	21° \mathbb{Z} 58'25	-1°-16'-8	morning rise	-4872 Jun 10 j 01:34	0° \mathbb{B} 32'54
minimum elong	-4874 Jan 17 j 11:15	21° \mathbb{Z} 34'57	1°16'14		-4872 Jun 11 j 02:08	30° \mathbb{R} \mathbb{Y}
max. Earth dist.	-4874 Jan 20 j 20:05	25° \mathbb{Z} 44'29	1.72908 AU	direct	-4872 Jun 25 j 14:57	25° \mathbb{Y} 56'05
	-4874 Jan 24 j 06:53	0° \mathbb{Z}		greatest brilliancy	-4872 Jul 10 j 10:14	29° \mathbb{Y} 46'22 -4.6m
	-4874 Feb 17 j 15:25	0° \approx			-4872 Jul 10 j 21:22	0° \mathbb{B}
evening rise	-4874 Feb 24 j 23:09	8° \approx 59'46		morning max el	-4872 Aug 14 j 17:37	27° \mathbb{B} 48'50 46°35'30
	-4874 Mar 14 j 02:19	0° \mathbb{H}			-4872 Aug 16 j 21:43	0° \mathbb{I}
asc. node	-4874 Mar 29 j 20:28	19° \mathbb{H} 15'06			-4872 Sep 13 j 09:50	0° \mathbb{S}
	-4874 Apr 07 j 16:09	0° \mathbb{Y}		asc. node	-4872 Sep 13 j 17:33	0° \mathbb{S} 22'12
	-4874 May 02 j 09:43	0° \mathbb{B}			-4872 Oct 08 j 19:17	0° \mathbb{Q}
	-4874 May 27 j 08:17	0° \mathbb{I}			-4872 Nov 02 j 09:28	0° \mathbb{P}
	-4874 Jun 21 j 14:39	0° \mathbb{S}			-4872 Nov 26 j 17:35	0° \mathbb{A}
	-4874 Jul 17 j 11:32	0° \mathbb{Q}			-4872 Dec 21 j 01:41	0° \mathbb{M}
desc. node	-4874 Jul 19 j 18:58	2° \mathbb{Q} 37'24		desc. node	-4871 Jan 03 j 17:08	16° \mathbb{M} 46'49
	-4874 Aug 13 j 16:40	0° \mathbb{P}			-4871 Jan 14 j 11:35	0° \mathbb{Z}
evening max el	-4874 Aug 23 j 02:22	9° \mathbb{P} 41'24	47°30'46		-4871 Feb 07 j 22:50	0° \mathbb{Z}
	-4874 Sep 14 j 11:05	0° \mathbb{A}		morning set	-4871 Feb 19 j 12:42	14° \mathbb{Z} 11'03
greatest brilliancy	-4874 Oct 01 j 07:52	10° \mathbb{A} 26'35	-4.7m		-4871 Mar 04 j 10:25	0° \approx
retrograde	-4874 Oct 12 j 22:15	12° \mathbb{A} 59'17		max. Earth dist.	-4871 Mar 27 j 02:57	27° \approx 49'14 1.73753 AU
evening set	-4874 Oct 27 j 16:57	8° \mathbb{A} 37'07				
min. Earth dist.	-4874 Nov 02 j 02:31	5° \mathbb{A} 24'23	0.26553 AU	superior conj	-4871 Mar 28 j 06:32	29° \approx 13'50 -1°00'-37
inferior conj	-4874 Nov 02 j 13:36	5° \mathbb{A} 07'12	-1°-46'-38	minimum elong	-4871 Mar 28 j 15:00	29° \approx 39'49 1°00'30
minimum elong	-4874 Nov 02 j 17:30	5° \mathbb{A} 01'09	1°45'27		-4871 Mar 28 j 21:35	0° \mathbb{H}
morning rise	-4874 Nov 08 j 18:30	1° \mathbb{A} 27'21			-4871 Apr 22 j 07:52	0° \mathbb{Y}
asc. node	-4874 Nov 09 j 13:38	1° \mathbb{A} 02'17		asc. node	-4871 Apr 26 j 09:08	4° \mathbb{Y} 58'56
	-4874 Nov 11 j 17:33	30° \mathbb{R} \mathbb{P}		evening rise	-4871 May 03 j 02:48	13° \mathbb{Y} 16'02
direct	-4874 Nov 22 j 19:01	27° \mathbb{P} 28'50			-4871 May 16 j 17:10	0° \mathbb{B}
greatest brilliancy	-4874 Dec 04 j 02:07	29° \mathbb{P} 52'14	-4.6m		-4871 Jun 10 j 01:46	0° \mathbb{I}
	-4874 Dec 04 j 09:45	0° \mathbb{A}			-4871 Jul 04 j 10:43	0° \mathbb{S}
morning max el	-4873 Jan 11 j 12:08	29° \mathbb{A} 18'10	46°20'34		-4871 Jul 28 j 22:00	0° \mathbb{Q}
	-4873 Jan 12 j 05:06	0° \mathbb{M}		desc. node	-4871 Aug 16 j 06:52	22° \mathbb{Q} 21'21
	-4873 Feb 09 j 17:28	0° \mathbb{Z}			-4871 Aug 22 j 14:32	0° \mathbb{P}
desc. node	-4873 Mar 01 j 14:42	22° \mathbb{Z} 15'42			-4871 Sep 16 j 17:06	0° \mathbb{A}
	-4873 Mar 08 j 09:26	0° \mathbb{Z}			-4871 Oct 12 j 16:45	0° \mathbb{M}
	-4873 Apr 03 j 05:24	0° \approx		evening max el	-4871 Nov 02 j 14:33	22° \mathbb{M} 32'48 47°11'15
	-4873 Apr 28 j 12:24	0° \mathbb{H}			-4871 Nov 10 j 02:17	0° \mathbb{Z}
	-4873 May 23 j 09:00	0° \mathbb{Y}		asc. node	-4871 Dec 07 j 01:08	21° \mathbb{Z} 24'27
	-4873 Jun 16 j 20:32	0° \mathbb{B}		greatest brilliancy	-4871 Dec 08 j 23:34	22° \mathbb{Z} 25'28 -4.6m
asc. node	-4873 Jun 22 j 08:03	6° \mathbb{B} 46'27		retrograde	-4871 Dec 23 j 13:06	26° \mathbb{Z} 20'09
morning set	-4873 Jul 07 j 20:48	26° \mathbb{B} 04'22		evening set	-4870 Jan 09 j 02:13	20° \mathbb{Z} 50'25
	-4873 Jul 11 j 00:19	0° \mathbb{I}		min. Earth dist.	-4870 Jan 12 j 18:38	18° \mathbb{Z} 32'20 0.28507 AU
	-4873 Aug 03 j 22:26	0° \mathbb{S}		inferior conj	-4870 Jan 13 j 16:25	17° \mathbb{Z} 57'30 7°22'20
max. Earth dist.	-4873 Aug 12 j 12:45	10° \mathbb{S} 49'36	1.71164 AU	minimum elong	-4870 Jan 13 j 08:50	18° \mathbb{Z} 09'37 7°21'03
				morning rise	-4870 Jan 17 j 15:59	15° \mathbb{Z} 27'48
superior conj	-4873 Aug 14 j 16:21	13° \mathbb{S} 32'14	1°23'37	direct	-4870 Feb 03 j 19:22	9° \mathbb{Z} 45'41
minimum elong	-4873 Aug 14 j 15:02	13° \mathbb{S} 28'05	1°23'53	greatest brilliancy	-4870 Feb 14 j 18:49	11° \mathbb{Z} 57'36 -4.5m
	-4873 Aug 27 j 17:38	0° \mathbb{Q}			-4870 Mar 14 j 00:00	0° \mathbb{Z}
	-4873 Sep 20 j 12:49	0° \mathbb{P}		morning max el	-4870 Mar 24 j 14:52	9° \mathbb{Z} 39'42 45°51'49
evening rise	-4873 Sep 24 j 00:06	4° \mathbb{P} 21'59		desc. node	-4870 Mar 29 j 02:02	13° \mathbb{Z} 58'25
desc. node	-4873 Oct 12 j 05:39	27° \mathbb{P} 15'38			-4870 Apr 13 j 18:51	0° \approx

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4870 May 11 j 02:32	0° Υ			-4867 Jan 09 j 17:29	0° \approx	
	-4870 Jun 06 j 00:21	0° Υ		evening max el	-4867 Jan 12 j 08:47	2° \approx 37'25	45°42'23
	-4870 Jul 01 j 01:36	0° \mathcal{B}		greatest brilliancy	-4867 Feb 15 j 12:16	29° \approx 26'41	-4.5m
asc. node	-4870 Jul 19 j 20:14	22° \mathcal{B} 59'25			-4867 Feb 16 j 16:31	0° \mathcal{H}	
	-4870 Jul 25 j 12:17	0° Π		retrograde	-4867 Mar 02 j 07:39	3° \mathcal{H} 18'20	
	-4870 Aug 18 j 12:57	0° \mathcal{E}			-4867 Mar 15 j 07:04	30° $\mathcal{R}\approx$	
	-4870 Sep 11 j 08:05	0° Ω		evening set	-4867 Mar 19 j 05:31	27° \approx 51'31	
morning set	-4870 Sep 18 j 21:21	9° Ω 32'45		inferior conj	-4867 Mar 23 j 19:43	25° \approx 01'05	6°27'10
	-4870 Oct 05 j 01:51	0° \mathcal{M}		minimum elong	-4867 Mar 24 j 04:20	24° \approx 47'25	6°25'32
	-4870 Oct 28 j 21:16	0° $\underline{\mathcal{A}}$		min. Earth dist.	-4867 Mar 24 j 10:22	24° \approx 37'52	0.29381 AU
				morning rise	-4867 Mar 29 j 02:59	21° \approx 44'45	
superior conj	-4870 Oct 30 j 08:55	1° $\underline{\mathcal{A}}$ 51'59	0°21'36	direct	-4867 Apr 14 j 15:32	16° \approx 33'12	
minimum elong	-4870 Oct 30 j 14:43	2° $\underline{\mathcal{A}}$ 10'13	0°21'21	desc. node	-4867 Apr 25 j 13:11	18° \approx 39'48	
max. Earth dist.	-4870 Nov 04 j 13:10	8° $\underline{\mathcal{A}}$ 22'04	1.71207 AU	greatest brilliancy	-4867 Apr 28 j 07:47	19° \approx 47'47	-4.5m
desc. node	-4870 Nov 08 j 18:18	13° $\underline{\mathcal{A}}$ 39'14			-4867 May 14 j 17:12	0° \mathcal{H}	
	-4870 Nov 21 j 19:46	0° \mathcal{M}		morning max el	-4867 Jun 02 j 16:18	16° \mathcal{H} 33'24	45°59'18
evening rise	-4870 Dec 11 j 19:13	24° \mathcal{M} 53'55			-4867 Jun 16 j 01:33	0° Υ	
	-4870 Dec 15 j 21:45	0° \mathcal{Z}			-4867 Jul 13 j 08:50	0° \mathcal{B}	
	-4869 Jan 09 j 03:30	0° \mathcal{Z}			-4867 Aug 07 j 21:23	0° Π	
	-4869 Feb 02 j 14:10	0° \approx		asc. node	-4867 Aug 16 j 08:08	10° Π 12'42	
	-4869 Feb 27 j 08:00	0° \mathcal{H}			-4867 Sep 01 j 11:24	0° \mathcal{E}	
asc. node	-4869 Mar 01 j 10:13	2° \mathcal{H} 30'54			-4867 Sep 25 j 13:19	0° Ω	
	-4869 Mar 24 j 12:28	0° Υ			-4867 Oct 19 j 10:31	0° \mathcal{M}	
	-4869 Apr 19 j 08:59	0° \mathcal{B}			-4867 Nov 12 j 08:00	0° $\underline{\mathcal{A}}$	
	-4869 May 16 j 09:31	0° Π		morning set	-4867 Dec 05 j 06:02	28° $\underline{\mathcal{A}}$ 38'10	
evening max el	-4869 Jun 07 j 22:47	23° Π 06'37	46°04'32	desc. node	-4867 Dec 06 j 06:50	29° $\underline{\mathcal{A}}$ 55'25	
	-4869 Jun 15 j 07:21	0° \mathcal{E}			-4867 Dec 06 j 08:18	0° \mathcal{M}	
desc. node	-4869 Jun 21 j 09:38	5° \mathcal{E} 20'42			-4867 Dec 30 j 11:51	0° \mathcal{Z}	
greatest brilliancy	-4869 Jul 16 j 23:59	21° \mathcal{E} 49'19	-4.6m				
retrograde	-4869 Jul 27 j 11:02	23° \mathcal{E} 47'42		superior conj	-4866 Jan 15 j 08:25	19° \mathcal{Z} 37'26	-1°-14'-39
evening set	-4869 Aug 14 j 09:07	17° \mathcal{E} 50'32		minimum elong	-4866 Jan 15 j 00:12	19° \mathcal{Z} 12'02	1°14'44
inferior conj	-4869 Aug 17 j 05:46	16° \mathcal{E} 07'42	-8°-58'-25	max. Earth dist.	-4866 Jan 18 j 11:27	23° \mathcal{Z} 29'10	1.72854 AU
minimum elong	-4869 Aug 17 j 05:34	16° \mathcal{E} 08'00	8°58'11		-4866 Jan 23 j 18:05	0° \mathcal{Z}	
min. Earth dist.	-4869 Aug 17 j 12:18	15° \mathcal{E} 57'49	0.26972 AU		-4866 Feb 17 j 02:35	0° \approx	
morning rise	-4869 Aug 20 j 01:58	14° \mathcal{E} 25'29		evening rise	-4866 Feb 22 j 15:45	6° \approx 49'00	
direct	-4869 Sep 06 j 21:49	8° \mathcal{E} 26'26			-4866 Mar 13 j 13:34	0° \mathcal{H}	
greatest brilliancy	-4869 Sep 20 j 00:20	11° \mathcal{E} 37'04	-4.7m	asc. node	-4866 Mar 28 j 22:41	18° \mathcal{H} 47'07	
asc. node	-4869 Oct 12 j 04:45	27° \mathcal{E} 10'01			-4866 Apr 07 j 03:38	0° Υ	
	-4869 Oct 15 j 08:12	0° Ω			-4866 May 01 j 21:39	0° \mathcal{B}	
morning max el	-4869 Oct 27 j 16:51	12° Ω 04'12	46°50'18		-4866 May 26 j 20:56	0° Π	
	-4869 Nov 13 j 10:42	0° \mathcal{M}			-4866 Jun 21 j 04:30	0° \mathcal{E}	
	-4869 Dec 09 j 16:15	0° $\underline{\mathcal{A}}$			-4866 Jul 17 j 03:32	0° Ω	
	-4868 Jan 04 j 02:00	0° \mathcal{M}		desc. node	-4866 Jul 18 j 20:59	1° Ω 57'12	
	-4868 Jan 29 j 04:57	0° \mathcal{Z}			-4866 Aug 13 j 13:35	0° \mathcal{M}	
desc. node	-4868 Feb 01 j 05:02	3° \mathcal{Z} 35'57		evening max el	-4866 Aug 20 j 15:13	7° \mathcal{M} 13'46	47°29'07
	-4868 Feb 23 j 04:26	0° \mathcal{Z}			-4866 Sep 15 j 07:04	0° $\underline{\mathcal{A}}$	
	-4868 Mar 19 j 00:39	0° \approx		greatest brilliancy	-4866 Sep 28 j 22:58	7° $\underline{\mathcal{A}}$ 58'45	-4.7m
	-4868 Apr 12 j 17:02	0° \mathcal{H}		retrograde	-4866 Oct 10 j 11:08	10° $\underline{\mathcal{A}}$ 29'26	
morning set	-4868 Apr 28 j 01:20	18° \mathcal{H} 45'48		evening set	-4866 Oct 25 j 07:25	6° $\underline{\mathcal{A}}$ 04'56	
	-4868 May 07 j 05:06	0° Υ		min. Earth dist.	-4866 Oct 30 j 16:31	2° $\underline{\mathcal{A}}$ 53'15	0.26525 AU
asc. node	-4868 May 23 j 21:45	20° Υ 34'14		inferior conj	-4866 Oct 31 j 02:18	2° $\underline{\mathcal{A}}$ 38'09	-2°-10'-14
max. Earth dist.	-4868 May 29 j 13:06	27° Υ 32'36	1.72928 AU	minimum elong	-4866 Oct 31 j 07:02	2° $\underline{\mathcal{A}}$ 30'50	2°08'46
	-4868 May 31 j 12:44	0° \mathcal{B}			-4866 Nov 04 j 11:11	30° $\mathcal{R}\mathcal{M}$	
				morning rise	-4866 Nov 06 j 07:02	28° \mathcal{M} 59'04	
superior conj	-4868 Jun 02 j 20:23	2° \mathcal{B} 52'19	0°23'05	asc. node	-4866 Nov 08 j 15:56	27° \mathcal{M} 47'46	
minimum elong	-4868 Jun 02 j 15:58	2° \mathcal{B} 38'36	0°22'59	direct	-4866 Nov 20 j 07:13	25° \mathcal{M} 00'07	
	-4868 Jun 24 j 16:20	0° Π		greatest brilliancy	-4866 Dec 01 j 16:49	27° \mathcal{M} 26'25	-4.6m
evening rise	-4868 Jul 08 j 21:32	17° Π 43'57			-4866 Dec 07 j 00:55	0° $\underline{\mathcal{A}}$	
	-4868 Jul 18 j 17:10	0° \mathcal{E}		morning max el	-4865 Jan 09 j 02:21	26° $\underline{\mathcal{A}}$ 56'52	46°21'58
	-4868 Aug 11 j 17:07	0° Ω			-4865 Jan 12 j 04:00	0° \mathcal{M}	
	-4868 Sep 04 j 18:22	0° \mathcal{M}			-4865 Feb 09 j 09:53	0° \mathcal{Z}	
desc. node	-4868 Sep 12 j 19:13	9° \mathcal{M} 59'18		desc. node	-4865 Feb 28 j 16:54	21° \mathcal{Z} 41'03	
	-4868 Sep 28 j 22:54	0° $\underline{\mathcal{A}}$			-4865 Mar 07 j 23:18	0° \mathcal{Z}	
	-4868 Oct 23 j 09:02	0° \mathcal{M}			-4865 Apr 02 j 17:59	0° \approx	
	-4868 Nov 17 j 05:11	0° \mathcal{Z}			-4865 Apr 28 j 00:16	0° \mathcal{H}	
	-4868 Dec 12 j 21:59	0° \mathcal{Z}			-4865 May 22 j 20:28	0° Υ	
asc. node	-4867 Jan 03 j 12:24	23° \mathcal{Z} 38'20			-4865 Jun 16 j 07:47	0° \mathcal{B}	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4865 Jun 21 j 10:06	6°♄18'07		retrograde	-4863 Dec 21 j 05:54	24°♂05'01	
morning set	-4865 Jul 05 j 13:24	23°♄51'43		evening set	-4862 Jan 06 j 15:44	18°♂40'06	
	-4865 Jul 10 j 11:28	0°♄		min. Earth dist.	-4862 Jan 10 j 09:46	16°♂19'29	0.28434 AU
	-4865 Aug 03 j 09:35	0°♄		inferior conj	-4862 Jan 11 j 08:32	15°♂43'02	7°13'11
max. Earth dist.	-4865 Aug 10 j 00:03	8°♄18'47	1.71206 AU	minimum elong	-4862 Jan 11 j 00:35	15°♂55'46	7°11'47
superior conj	-4865 Aug 12 j 06:24	11°♄10'00	1°23'18	morning rise	-4862 Jan 15 j 10:02	13°♂10'23	
	-4865 Aug 12 j 04:16	11°♄03'15	1°23'33	direct	-4862 Feb 01 j 11:04	7°♂32'41	
	-4865 Aug 27 j 04:52	0°♄		greatest brilliancy	-4862 Feb 12 j 07:35	9°♂42'00	-4.5m
evening rise	-4865 Sep 20 j 00:11	0°♄		morning max el	-4862 Mar 14 j 03:41	0°♄	
	-4865 Sep 21 j 09:44	1°♄45'35			-4862 Mar 22 j 06:10	7°♄27'54	45°52'09
	-4865 Oct 11 j 07:51	26°♄46'29			-4862 Mar 28 j 04:14	13°♄12'36	
desc. node	-4865 Oct 13 j 21:38	0°♄		asc. node	-4862 Apr 13 j 11:55	0°♄	
	-4865 Nov 06 j 22:25	0°♄			-4862 May 10 j 16:28	0°♄	
	-4865 Dec 01 j 03:41	0°♄			-4862 Jun 05 j 12:52	0°♄	
asc. node	-4865 Dec 25 j 15:50	0°♄		morning set	-4862 Jun 30 j 13:24	0°♄	
	-4864 Jan 19 j 16:04	0°♄			-4862 Jul 18 j 22:19	22°♄30'18	
	-4864 Feb 01 j 00:10	14°♄26'54			-4862 Jul 24 j 23:44	0°♄	
evening max el	-4864 Feb 14 j 14:26	0°♄		superior conj	-4862 Aug 18 j 00:14	0°♄	
	-4864 Mar 13 j 09:58	0°♄			-4862 Sep 10 j 19:18	0°♄	
	-4864 Mar 24 j 06:32	10°♄42'03	45°05'29		-4862 Sep 16 j 08:46	7°♄01'47	
greatest brilliancy	-4864 Apr 16 j 09:52	0°♄		minimum elong	-4862 Oct 04 j 13:02	0°♄	
	-4864 Apr 28 j 10:16	6°♄46'31	-4.5m		-4862 Oct 27 j 17:52	29°♄14'23	0°25'28
	-4864 May 11 j 11:48	9°♄43'23			-4862 Oct 28 j 00:36	29°♄35'33	0°25'09
retrograde	-4864 May 23 j 00:28	7°♄08'56		max. Earth dist.	-4862 Oct 28 j 08:23	0°♄	
desc. node	-4864 May 26 j 06:03	5°♄35'07			-4862 Nov 01 j 21:27	5°♄42'31	1.71158 AU
evening set	-4864 Jun 01 j 17:29	1°♄49'14	-2°-15'-30		-4862 Nov 07 j 20:25	13°♄10'59	
inferior conj	-4864 Jun 01 j 12:33	1°♄56'45	2°13'59	desc. node	-4862 Nov 21 j 06:51	0°♄	
minimum elong	-4864 Jun 02 j 06:28	1°♄29'26	0.28269 AU	evening rise	-4862 Dec 09 j 06:06	22°♄24'00	
min. Earth dist.	-4864 Jun 04 j 17:42	30°♄			-4862 Dec 15 j 08:50	0°♄	
morning rise	-4864 Jun 07 j 18:25	28°♄15'58			-4861 Jan 08 j 14:40	0°♄	
	-4864 Jun 23 j 07:02	23°♄41'09		asc. node	-4861 Feb 02 j 01:30	0°♄	
	-4864 Jul 08 j 01:36	27°♄31'00	-4.6m		-4861 Feb 26 j 19:45	0°♄	
greatest brilliancy	-4864 Jul 12 j 16:04	0°♄			-4861 Feb 28 j 12:25	2°♄02'08	
	-4864 Aug 12 j 09:06	25°♄31'38	46°34'24	evening max el	-4861 Mar 24 j 01:01	0°♄	
	-4864 Aug 16 j 18:59	0°♄			-4861 Apr 18 j 23:07	0°♄	
asc. node	-4864 Sep 12 j 19:48	29°♄43'07			-4861 May 16 j 03:05	0°♄	
	-4864 Sep 13 j 01:39	0°♄		desc. node	-4861 Jun 05 j 11:12	20°♄43'29	46°01'17
	-4864 Oct 08 j 09:05	0°♄			-4861 Jun 15 j 11:58	0°♄	
desc. node	-4864 Nov 01 j 22:16	0°♄			-4861 Jun 20 j 11:40	4°♄15'40	
	-4864 Nov 26 j 05:48	0°♄		greatest brilliancy	-4861 Jul 14 j 12:08	19°♄23'47	-4.6m
	-4864 Dec 20 j 13:29	0°♄		retrograde	-4861 Jul 24 j 22:24	21°♄21'44	
morning set	-4863 Jan 02 j 19:07	16°♄17'16		evening set	-4861 Aug 11 j 19:53	15°♄27'00	
	-4863 Jan 13 j 23:02	0°♄		inferior conj	-4861 Aug 14 j 18:14	13°♄41'46	-8°-57'-13
	-4863 Feb 07 j 10:01	0°♄		minimum elong	-4861 Aug 14 j 17:04	13°♄43'32	8°56'58
max. Earth dist.	-4863 Feb 17 j 04:44	11°♄59'08		min. Earth dist.	-4861 Aug 15 j 01:11	13°♄31'15	0.27012 AU
	-4863 Mar 03 j 21:26	0°♄		morning rise	-4861 Aug 17 j 14:08	11°♄59'53	
	-4863 Mar 25 j 02:32	26°♄00'48	1.73750 AU	direct	-4861 Sep 04 j 10:23	5°♄59'34	
superior conj	-4863 Mar 26 j 00:55	27°♄09'28	-1°-2'-41	greatest brilliancy	-4861 Sep 17 j 15:39	9°♄12'22	-4.7m
	-4863 Mar 26 j 09:21	27°♄35'21	1°02'35	asc. node	-4861 Oct 11 j 06:56	26°♄05'00	
	-4863 Mar 28 j 08:30	0°♄		morning max el	-4861 Oct 15 j 12:42	0°♄	
asc. node	-4863 Apr 21 j 18:49	0°♄			-4861 Oct 25 j 04:59	9°♄33'48	46°50'48
	-4863 Apr 25 j 11:17	4°♄31'53			-4861 Nov 13 j 04:40	0°♄	
	-4863 Apr 30 j 22:14	11°♄14'23		desc. node	-4861 Dec 09 j 06:57	0°♄	
evening rise	-4863 May 16 j 04:16	0°♄			-4860 Jan 03 j 15:05	0°♄	
	-4863 Jun 09 j 13:09	0°♄			-4860 Jan 28 j 17:05	0°♄	
	-4863 Jul 03 j 22:32	0°♄		morning set	-4860 Jan 31 j 07:17	3°♄06'34	
desc. node	-4863 Jul 28 j 10:23	0°♄			-4860 Feb 22 j 15:58	0°♄	
	-4863 Aug 15 j 09:03	21°♄48'50			-4860 Mar 18 j 11:47	0°♄	
	-4863 Aug 22 j 03:43	0°♄		asc. node	-4860 Apr 12 j 03:54	0°♄	
evening max el	-4863 Sep 16 j 07:35	0°♄			-4860 Apr 25 j 20:32	16°♄44'34	
	-4863 Oct 12 j 09:53	0°♄			-4860 May 06 j 15:51	0°♄	
	-4863 Oct 31 j 07:07	20°♄16'54	47°13'42	max. Earth dist.	-4860 May 22 j 23:48	20°♄07'24	
asc. node	-4863 Nov 10 j 03:44	0°♄		superior conj	-4860 May 27 j 09:33	25°♄34'10	1.72984 AU
	-4863 Dec 06 j 03:09	19°♄54'01			-4860 May 30 j 23:28	0°♄	
	-4863 Dec 06 j 18:32	20°♄13'31	-4.6m		-4860 May 31 j 15:03	0°♄48'15	0°20'06

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4860 May 31 j 11:10	0°♄36'13	0°20'02	direct	-4858 Nov 17 j 19:52	22°♎32'11	
	-4860 Jun 24 j 03:11	0°♈		greatest brilliancy	-4858 Nov 29 j 06:38	25°♎00'21	-4.6m
evening rise	-4860 Jul 06 j 14:39	15°♈33'31			-4858 Dec 08 j 16:02	0°♈	
	-4860 Jul 18 j 04:11	0°♈		morning max el	-4857 Jan 06 j 17:22	24°♈38'23	46°23'21
	-4860 Aug 11 j 04:24	0°♈			-4857 Jan 12 j 01:39	0°♈	
	-4860 Sep 04 j 05:57	0°♈			-4857 Feb 09 j 01:39	0°♈	
desc. node	-4860 Sep 11 j 21:24	9°♈29'43		desc. node	-4857 Feb 27 j 19:03	21°♈07'30	
	-4860 Sep 28 j 10:53	0°♈			-4857 Mar 07 j 12:41	0°♈	
	-4860 Oct 22 j 21:33	0°♈			-4857 Apr 02 j 06:07	0°♈	
	-4860 Nov 16 j 18:34	0°♈			-4857 Apr 27 j 11:42	0°♈	
	-4860 Dec 12 j 13:14	0°♈			-4857 May 22 j 07:31	0°♈	
asc. node	-4859 Jan 02 j 14:35	22°♈55'12			-4857 Jun 15 j 18:40	0°♈	
	-4859 Jan 09 j 14:12	0°♈		asc. node	-4857 Jun 20 j 12:15	5°♈51'09	
evening max el	-4859 Jan 09 j 23:23	0°♈22'40	45°45'13	morning set	-4857 Jul 03 j 06:05	21°♈40'27	
greatest brilliancy	-4859 Feb 13 j 03:02	27°♈17'42	-4.5m		-4857 Jul 09 j 22:19	0°♈	
	-4859 Feb 19 j 23:11	0°♈			-4857 Aug 02 j 20:28	0°♈	
retrograde	-4859 Feb 28 j 00:59	1°♈13'13		max. Earth dist.	-4857 Aug 07 j 08:16	5°♈39'10	1.71253 AU
	-4859 Mar 07 j 20:11	30°♈					
evening set	-4859 Mar 17 j 01:02	25°♈42'08		superior conj	-4857 Aug 09 j 20:30	8°♈48'47	1°22'51
inferior conj	-4859 Mar 21 j 13:00	22°♈55'05	6°38'17	minimum elong	-4857 Aug 09 j 17:33	8°♈39'30	1°23'04
minimum elong	-4859 Mar 21 j 21:27	22°♈41'41	6°36'44		-4857 Aug 26 j 15:51	0°♈	
min. Earth dist.	-4859 Mar 22 j 03:00	22°♈32'54	0.29397 AU	evening rise	-4857 Sep 18 j 19:15	29°♈09'31	
morning rise	-4859 Mar 26 j 17:40	19°♈42'31			-4857 Sep 19 j 11:17	0°♈	
direct	-4859 Apr 12 j 08:07	14°♈26'47		desc. node	-4857 Oct 10 j 09:52	26°♈17'41	
desc. node	-4859 Apr 24 j 15:19	17°♈05'53			-4857 Oct 13 j 08:52	0°♈	
greatest brilliancy	-4859 Apr 26 j 00:00	17°♈40'43	-4.5m		-4857 Nov 06 j 09:49	0°♈	
	-4859 May 15 j 02:51	0°♈			-4857 Nov 30 j 15:18	0°♈	
morning max el	-4859 May 31 j 09:04	14°♈25'32	45°58'26		-4857 Dec 25 j 03:52	0°♈	
	-4859 Jun 15 j 19:25	0°♈			-4856 Jan 19 j 04:54	0°♈	
	-4859 Jul 12 j 23:05	0°♈		asc. node	-4856 Jan 31 j 02:25	13°♈54'27	
	-4859 Aug 07 j 10:09	0°♈			-4856 Feb 14 j 05:01	0°♈	
asc. node	-4859 Aug 15 j 10:25	9°♈41'50			-4856 Mar 13 j 05:12	0°♈	
	-4859 Aug 31 j 23:25	0°♈		evening max el	-4856 Mar 21 j 22:56	8°♈33'37	45°05'15
	-4859 Sep 25 j 00:57	0°♈			-4856 Apr 17 j 09:10	0°♈	
	-4859 Oct 18 j 21:54	0°♈		greatest brilliancy	-4856 Apr 26 j 00:00	4°♈34'09	-4.5m
	-4859 Nov 11 j 19:14	0°♈		retrograde	-4856 May 09 j 02:38	7°♈31'54	
morning set	-4859 Dec 02 j 16:08	26°♈05'21		desc. node	-4856 May 22 j 02:29	4°♈17'42	
desc. node	-4859 Dec 05 j 08:50	29°♈27'02		evening set	-4856 May 23 j 21:00	3°♈24'01	
	-4859 Dec 05 j 19:25	0°♈			-4856 May 29 j 17:47	30°♈	
	-4859 Dec 29 j 22:48	0°♈		inferior conj	-4856 May 30 j 08:43	29°♈37'10	-1°-55'-23
				minimum elong	-4856 May 30 j 04:30	29°♈43'38	1°54'05
superior conj	-4858 Jan 12 j 21:59	17°♈17'27	-1°-13'-2	min. Earth dist.	-4856 May 30 j 22:05	29°♈16'45	0.28313 AU
minimum elong	-4858 Jan 12 j 13:11	16°♈50'17	1°13'06	morning rise	-4856 Jun 05 j 11:21	26°♈01'07	
max. Earth dist.	-4858 Jan 16 j 01:44	21°♈11'33	1.72796 AU	direct	-4856 Jun 20 j 23:16	21°♈28'23	
	-4858 Jan 23 j 04:54	0°♈		greatest brilliancy	-4856 Jul 05 j 16:13	25°♈16'11	-4.6m
	-4858 Feb 16 j 13:21	0°♈			-4856 Jul 13 j 20:44	0°♈	
evening rise	-4858 Feb 20 j 08:30	4°♈40'02		morning max el	-4856 Aug 09 j 23:56	23°♈13'50	46°33'00
	-4858 Mar 13 j 00:24	0°♈			-4856 Aug 16 j 15:15	0°♈	
asc. node	-4858 Mar 28 j 00:51	18°♈20'17		asc. node	-4856 Sep 11 j 21:55	29°♈04'36	
	-4858 Apr 06 j 14:44	0°♈			-4856 Sep 12 j 17:04	0°♈	
	-4858 May 01 j 09:13	0°♈			-4856 Oct 07 j 22:38	0°♈	
	-4858 May 26 j 09:16	0°♈			-4856 Nov 01 j 10:53	0°♈	
	-4858 Jun 20 j 18:06	0°♈			-4856 Nov 25 j 17:49	0°♈	
	-4858 Jul 16 j 19:26	0°♈			-4856 Dec 20 j 01:05	0°♈	
desc. node	-4858 Jul 17 j 23:12	1°♈18'09		desc. node	-4855 Jan 01 j 21:20	15°♈48'58	
	-4858 Aug 13 j 10:49	0°♈			-4855 Jan 13 j 10:18	0°♈	
evening max el	-4858 Aug 18 j 05:01	4°♈49'47	47°27'28		-4855 Feb 06 j 21:03	0°♈	
	-4858 Sep 16 j 09:26	0°♈		morning set	-4855 Feb 14 j 20:37	9°♈47'07	
greatest brilliancy	-4858 Sep 26 j 13:12	5°♈31'01	-4.7m		-4855 Mar 03 j 08:18	0°♈	
retrograde	-4858 Oct 08 j 00:28	8°♈00'26		max. Earth dist.	-4855 Mar 23 j 00:53	24°♈09'01	1.73741 AU
evening set	-4858 Oct 22 j 22:00	3°♈33'22					
inferior conj	-4858 Oct 28 j 14:53	0°♈09'46	-2°-33'-38	superior conj	-4855 Mar 23 j 19:20	25°♈05'37	-1°-4'-39
minimum elong	-4858 Oct 28 j 20:26	0°♈01'13	2°31'54	minimum elong	-4855 Mar 24 j 03:41	25°♈31'17	1°04'35
min. Earth dist.	-4858 Oct 28 j 06:06	0°♈23'18	0.26502 AU		-4855 Mar 27 j 19:16	0°♈	
	-4858 Oct 28 j 21:14	30°♈			-4855 Apr 21 j 05:36	0°♈	
morning rise	-4858 Nov 03 j 19:15	26°♈31'53		asc. node	-4855 Apr 24 j 13:21	4°♈04'59	
asc. node	-4858 Nov 07 j 18:01	24°♈39'06		evening rise	-4855 Apr 28 j 17:45	9°♈13'34	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4855 May 15 j 15:11	0°♄				-4852 Jan 28 j 05:28	0°♄		
	-4855 Jun 09 j 00:22	0°♅		desc. node		-4852 Jan 30 j 09:24	2°♄35'59		
	-4855 Jul 03 j 10:11	0°♆				-4852 Feb 22 j 03:45	0°♄		
	-4855 Jul 27 j 22:40	0°♇				-4852 Mar 17 j 23:08	0°♁		
desc. node	-4855 Aug 14 j 11:11	21°♇16'22				-4852 Apr 11 j 14:59	0°♈		
	-4855 Aug 21 j 16:54	0°♉		morning set		-4852 Apr 23 j 15:25	14°♈41'36		
	-4855 Sep 15 j 22:13	0°♊				-4852 May 06 j 02:49	0°♉		
	-4855 Oct 12 j 03:26	0°♋		asc. node		-4852 May 22 j 01:57	19°♉40'06		
evening max el	-4855 Oct 28 j 22:51	17°♋58'22	47°16'02	max. Earth dist.		-4852 May 25 j 06:54	23°♉37'52	1.73036 AU	
	-4855 Nov 10 j 06:45	0°♌							
greatest brilliancy	-4855 Dec 04 j 13:44	18°♌00'57	-4.6m	superior conj		-4852 May 29 j 09:34	28°♉43'02	0°17'04	
asc. node	-4855 Dec 05 j 05:21	18°♌19'56		minimum elong		-4852 May 29 j 06:15	28°♉32'44	0°17'02	
retrograde	-4855 Dec 18 j 21:54	21°♌48'43				-4852 May 30 j 10:27	0°♈		
evening set	-4854 Jan 04 j 04:54	16°♌28'50				-4852 Jun 23 j 14:16	0°♅		
min. Earth dist.	-4854 Jan 08 j 01:02	14°♌05'04	0.28359 AU	evening rise		-4852 Jul 04 j 07:57	13°♅23'01		
inferior conj	-4854 Jan 09 j 00:22	13°♌27'39	7°03'15			-4852 Jul 17 j 15:26	0°♆		
minimum elong	-4854 Jan 08 j 16:05	13°♌40'56	7°01'43			-4852 Aug 10 j 15:51	0°♇		
morning rise	-4854 Jan 13 j 03:52	10°♌51'49				-4852 Sep 03 j 17:42	0°♈		
direct	-4854 Jan 30 j 02:04	5°♌18'42		desc. node		-4852 Sep 10 j 23:26	8°♈59'14		
greatest brilliancy	-4854 Feb 09 j 20:48	7°♌26'07	-4.5m			-4852 Sep 27 j 23:01	0°♉		
	-4854 Mar 14 j 05:54	0°♊				-4852 Oct 22 j 10:17	0°♋		
morning max el	-4854 Mar 19 j 20:32	5°♊13'37	45°52'38			-4852 Nov 16 j 08:17	0°♌		
desc. node	-4854 Mar 27 j 06:20	12°♊27'09				-4852 Dec 12 j 05:02	0°♍		
	-4854 Apr 13 j 04:39	0°♋		asc. node		-4851 Jan 01 j 16:51	22°♊10'27		
	-4854 May 10 j 06:16	0°♌		evening max el		-4851 Jan 07 j 14:45	28°♊08'28	45°48'03	
	-4854 Jun 05 j 01:19	0°♍				-4851 Jan 09 j 12:13	0°♋		
	-4854 Jun 30 j 01:08	0°♎		greatest brilliancy		-4851 Feb 10 j 17:59	25°♋07'15	-4.5m	
asc. node	-4854 Jul 18 j 00:36	22°♎02'01		retrograde		-4851 Feb 25 j 18:26	29°♋06'00		
	-4854 Jul 24 j 11:06	0°♅		evening set		-4851 Mar 14 j 20:16	23°♋30'43		
	-4854 Aug 17 j 11:27	0°♆		inferior conj		-4851 Mar 19 j 06:00	20°♋46'57	6°48'49	
	-4854 Sep 10 j 06:29	0°♇		minimum elong		-4851 Mar 19 j 14:13	20°♋33'55	6°47'23	
morning set	-4854 Sep 13 j 20:15	4°♇31'04		min. Earth dist.		-4851 Mar 19 j 18:59	20°♋26'23	0.29411 AU	
	-4854 Oct 04 j 00:13	0°♈		morning rise		-4851 Mar 24 j 08:02	17°♋38'22		
				direct		-4851 Apr 10 j 00:51	12°♋18'23		
superior conj	-4854 Oct 25 j 02:33	26°♋35'37	0°29'16	greatest brilliancy		-4851 Apr 23 j 15:36	15°♋31'28	-4.5m	
minimum elong	-4854 Oct 25 j 10:10	26°♋59'33	0°28'57	desc. node		-4851 Apr 23 j 17:23	15°♋33'27		
	-4854 Oct 27 j 19:35	0°♉				-4851 May 15 j 10:29	0°♈		
max. Earth dist.	-4854 Oct 30 j 01:10	2°♉48'17	1.71116 AU	morning max el		-4851 May 29 j 02:13	12°♈17'37	45°57'34	
desc. node	-4854 Nov 06 j 22:26	12°♉42'09				-4851 Jun 15 j 13:18	0°♉		
	-4854 Nov 20 j 18:04	0°♊				-4851 Jul 12 j 13:33	0°♈		
evening rise	-4854 Dec 06 j 16:15	19°♊51'19				-4851 Aug 06 j 23:10	0°♅		
	-4854 Dec 14 j 20:04	0°♌		asc. node		-4851 Aug 14 j 12:25	9°♅09'14		
	-4853 Jan 08 j 01:57	0°♍				-4851 Aug 31 j 11:41	0°♆		
	-4853 Feb 01 j 12:59	0°♎				-4851 Sep 24 j 12:47	0°♇		
	-4853 Feb 26 j 07:39	0°♈				-4851 Oct 18 j 09:30	0°♈		
asc. node	-4853 Feb 27 j 14:32	1°♈32'37				-4851 Nov 11 j 06:41	0°♉		
	-4853 Mar 23 j 13:47	0°♉		morning set		-4851 Nov 30 j 02:28	23°♉32'33		
	-4853 Apr 18 j 13:33	0°♊		desc. node		-4851 Dec 04 j 11:01	28°♉58'35		
	-4853 May 15 j 21:10	0°♋				-4851 Dec 05 j 06:44	0°♋		
evening max el	-4853 Jun 02 j 23:31	18°♋20'10	45°58'18			-4851 Dec 29 j 10:01	0°♌		
	-4853 Jun 15 j 18:38	0°♍							
desc. node	-4853 Jun 19 j 13:57	3°♍09'26		superior conj		-4850 Jan 10 j 11:14	14°♌55'30	-1°11'-16	
greatest brilliancy	-4853 Jul 11 j 23:24	16°♍57'50	-4.6m	minimum elong		-4850 Jan 10 j 01:56	14°♌26'45	1°11'18	
retrograde	-4853 Jul 22 j 10:14	18°♍56'45		max. Earth dist.		-4850 Jan 13 j 16:34	18°♌54'37	1.72748 AU	
evening set	-4853 Aug 09 j 06:16	13°♍04'52				-4850 Jan 22 j 16:02	0°♎		
inferior conj	-4853 Aug 12 j 06:53	11°♍16'33	-8°-54'-53			-4850 Feb 16 j 00:28	0°♏		
minimum elong	-4853 Aug 12 j 04:45	11°♍19'46	8°54'35	evening rise		-4850 Feb 18 j 00:50	2°♏28'36		
min. Earth dist.	-4853 Aug 12 j 14:02	11°♍05'45	0.27053 AU			-4850 Mar 12 j 11:37	0°♈		
morning rise	-4853 Aug 15 j 03:06	9°♍34'17		asc. node		-4850 Mar 27 j 02:52	17°♈51'50		
direct	-4853 Sep 01 j 23:09	3°♍33'21				-4850 Apr 06 j 02:14	0°♉		
greatest brilliancy	-4853 Sep 15 j 07:38	6°♍49'16	-4.7m			-4850 Apr 30 j 21:13	0°♊		
asc. node	-4853 Oct 10 j 09:04	25°♍01'36				-4850 May 25 j 22:05	0°♋		
	-4853 Oct 15 j 15:30	0°♌				-4850 Jun 20 j 08:15	0°♍		
morning max el	-4853 Oct 22 j 17:53	7°♌05'17	46°51'01			-4850 Jul 16 j 12:02	0°♎		
	-4853 Nov 12 j 22:22	0°♉		desc. node		-4850 Jul 17 j 01:21	0°♏37'19		
	-4853 Dec 08 j 21:41	0°♊				-4850 Aug 13 j 09:17	0°♈		
	-4852 Jan 03 j 04:22	0°♋		evening max el		-4850 Aug 15 j 19:48	2°♈27'19	47°25'45	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 11

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4850 Sep 17 j 23:09	0°♊		morning set	-4847 Feb 12 j 12:41	7°♊35'12	
greatest brilliancy	-4850 Sep 24 j 03:28	3°♊02'39	-4.7m		-4847 Mar 02 j 19:18	0°♊	
retrograde	-4850 Oct 05 j 13:56	5°♊30'30		max. Earth dist.	-4847 Mar 20 j 22:33	22°♊14'41	1.73735 AU
evening set	-4850 Oct 20 j 12:49	1°♊01'01					
	-4850 Oct 22 j 07:32	30°♋		superior conj	-4847 Mar 21 j 13:55	23°♋01'49	-1°-6'-32
inferior conj	-4850 Oct 26 j 03:29	27°♋40'39	-2°-56'-39	minimum elong	-4847 Mar 21 j 22:10	23°♋27'07	1°06'29
minimum elong	-4850 Oct 26 j 09:48	27°♋30'56	2°54'43		-4847 Mar 27 j 06:14	0°♋	
min. Earth dist.	-4850 Oct 25 j 19:31	27°♋52'54	0.26475 AU		-4847 Apr 20 j 16:37	0°♋	
morning rise	-4850 Nov 01 j 07:12	24°♋04'11		asc. node	-4847 Apr 23 j 15:31	3°♋37'46	
asc. node	-4850 Nov 06 j 20:10	21°♋35'04		evening rise	-4847 Apr 26 j 13:17	7°♋12'06	
direct	-4850 Nov 15 j 08:52	20°♋03'48			-4847 May 15 j 02:22	0°♋	
greatest brilliancy	-4850 Nov 26 j 19:31	22°♋32'33	-4.6m		-4847 Jun 08 j 11:51	0°♋	
	-4850 Dec 09 j 19:39	0°♋			-4847 Jul 02 j 22:09	0°♋	
morning max el	-4849 Jan 04 j 08:03	22°♋18'25	46°24'34		-4847 Jul 27 j 11:17	0°♋	
	-4849 Jan 11 j 22:44	0°♋		desc. node	-4847 Aug 13 j 13:13	20°♋42'40	
	-4849 Feb 08 j 17:26	0°♋			-4847 Aug 21 j 06:26	0°♋	
desc. node	-4849 Feb 26 j 21:05	20°♋32'56			-4847 Sep 15 j 13:15	0°♋	
	-4849 Mar 07 j 02:18	0°♋			-4847 Oct 11 j 21:37	0°♋	
	-4849 Apr 01 j 18:36	0°♋		evening max el	-4847 Oct 26 j 13:44	15°♋36'50	47°18'19
	-4849 Apr 26 j 23:31	0°♋			-4847 Nov 10 j 11:45	0°♋	
	-4849 May 21 j 18:58	0°♋		greatest brilliancy	-4847 Dec 02 j 08:45	15°♋47'20	-4.6m
	-4849 Jun 15 j 05:54	0°♋		asc. node	-4847 Dec 04 j 07:37	16°♋41'58	
asc. node	-4849 Jun 19 j 14:27	5°♋23'11		retrograde	-4847 Dec 16 j 13:43	19°♋31'58	
morning set	-4849 Jun 30 j 22:35	19°♋27'39		evening set	-4846 Jan 01 j 18:06	14°♋16'58	
	-4849 Jul 09 j 09:30	0°♋		min. Earth dist.	-4846 Jan 05 j 16:38	11°♋49'47	0.28279 AU
	-4849 Aug 02 j 07:41	0°♋		inferior conj	-4846 Jan 06 j 16:15	11°♋11'55	6°52'41
max. Earth dist.	-4849 Aug 04 j 14:48	2°♋53'19	1.71302 AU	minimum elong	-4846 Jan 06 j 07:40	11°♋25'40	6°51'01
				morning rise	-4846 Jan 10 j 21:50	8°♋32'51	
superior conj	-4849 Aug 07 j 10:37	6°♋26'42	1°22'13	direct	-4846 Jan 27 j 16:35	3°♋04'16	
minimum elong	-4849 Aug 07 j 06:54	6°♋14'59	1°22'27	greatest brilliancy	-4846 Feb 07 j 10:59	5°♋11'00	-4.5m
	-4849 Aug 26 j 03:11	0°♋			-4846 Mar 14 j 06:47	0°♋	
evening rise	-4849 Sep 16 j 04:51	26°♋32'39		morning max el	-4846 Mar 17 j 10:44	2°♋58'43	45°53'16
	-4849 Sep 18 j 22:45	0°♋		desc. node	-4846 Mar 26 j 08:27	11°♋42'21	
desc. node	-4849 Oct 09 j 11:58	25°♋48'01			-4846 Apr 12 j 21:07	0°♋	
	-4849 Oct 12 j 20:27	0°♋			-4846 May 09 j 19:59	0°♋	
	-4849 Nov 05 j 21:30	0°♋			-4846 Jun 04 j 13:47	0°♋	
	-4849 Nov 30 j 03:10	0°♋			-4846 Jun 29 j 12:58	0°♋	
	-4849 Dec 24 j 16:08	0°♋		asc. node	-4846 Jul 17 j 02:37	21°♋32'26	
	-4848 Jan 18 j 18:01	0°♋			-4846 Jul 23 j 22:37	0°♋	
asc. node	-4848 Jan 30 j 04:27	13°♋20'32		greatest brilliancy	-4846 Jul 27 j 19:32	4°♋48'34	-4.0m
	-4848 Feb 13 j 20:03	0°♋			-4846 Aug 16 j 22:50	0°♋	
	-4848 Mar 13 j 01:25	0°♋			-4846 Sep 09 j 17:49	0°♋	
evening max el	-4848 Mar 19 j 14:39	6°♋22'26	45°04'53	morning set	-4846 Sep 11 j 07:42	1°♋59'44	
	-4848 Apr 18 j 18:41	0°♋			-4846 Oct 03 j 11:31	0°♋	
greatest brilliancy	-4848 Apr 23 j 14:15	2°♋21'06	-4.5m				
retrograde	-4848 May 06 j 17:01	5°♋19'15		superior conj	-4846 Oct 22 j 11:11	23°♋56'17	0°33'00
desc. node	-4848 May 21 j 04:45	1°♋21'02		minimum elong	-4846 Oct 22 j 19:37	24°♋22'48	0°32'40
evening set	-4848 May 21 j 12:05	1°♋11'26		max. Earth dist.	-4846 Oct 27 j 03:18	29°♋48'43	1.71076 AU
	-4848 May 23 j 15:52	30°♋			-4846 Oct 27 j 06:53	0°♋	
inferior conj	-4848 May 27 j 23:57	27°♋24'03	-1°-35'-9	desc. node	-4846 Nov 06 j 00:37	12°♋13'31	
minimum elong	-4848 May 27 j 20:27	27°♋29'24	1°34'03		-4846 Nov 20 j 05:23	0°♋	
min. Earth dist.	-4848 May 28 j 14:03	27°♋02'26	0.28360 AU	evening rise	-4846 Dec 04 j 02:19	17°♋18'03	
morning rise	-4848 Jun 03 j 04:06	23°♋45'18			-4846 Dec 14 j 07:24	0°♋	
direct	-4848 Jun 18 j 15:01	19°♋14'26			-4845 Jan 07 j 13:20	0°♋	
greatest brilliancy	-4848 Jul 03 j 07:08	23°♋00'32	-4.6m		-4845 Feb 01 j 00:30	0°♋	
	-4848 Jul 14 j 18:14	0°♋			-4845 Feb 25 j 19:34	0°♋	
morning max el	-4848 Aug 07 j 13:41	20°♋52'20	46°31'40	asc. node	-4845 Feb 26 j 16:38	1°♋03'09	
	-4848 Aug 16 j 11:18	0°♋			-4845 Mar 23 j 02:33	0°♋	
asc. node	-4848 Sep 11 j 00:03	28°♋25'30			-4845 Apr 18 j 04:05	0°♋	
	-4848 Sep 12 j 08:35	0°♋			-4845 May 15 j 15:41	0°♋	
	-4848 Oct 07 j 12:22	0°♋		evening max el	-4845 May 31 j 12:09	15°♋57'52	45°55'10
	-4848 Oct 31 j 23:41	0°♋			-4845 Jun 16 j 03:51	0°♋	
	-4848 Nov 25 j 06:03	0°♋		desc. node	-4845 Jun 18 j 16:02	2°♋00'43	
	-4848 Dec 19 j 12:52	0°♋		greatest brilliancy	-4845 Jul 09 j 09:24	14°♋30'19	-4.6m
desc. node	-4848 Dec 31 j 23:26	15°♋19'42		retrograde	-4845 Jul 19 j 22:31	16°♋31'26	
	-4847 Jan 12 j 21:44	0°♋		evening set	-4845 Aug 06 j 16:00	10°♋42'51	
	-4847 Feb 06 j 08:14	0°♋		inferior conj	-4845 Aug 09 j 19:24	8°♋50'44	-8°-51'-28

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 12

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4845 Aug 09 j 16:19	8°55'22	8°51'06		-4842 Jan 22 j 02:59	0°	
min. Earth dist.	-4845 Aug 10 j 02:27	8°40'06	0.27098 AU		-4842 Feb 15 j 11:23	0°	
morning rise	-4845 Aug 12 j 16:29	7°07'24		evening rise	-4842 Feb 15 j 17:01	0°	17'17
direct	-4845 Aug 30 j 12:20	1°06'29			-4842 Mar 11 j 22:38	0°	
greatest brilliancy	-4845 Sep 12 j 23:42	4°25'51	-4.7m	asc. node	-4842 Mar 26 j 05:05	17°	24'41
asc. node	-4845 Oct 09 j 11:16	23°59'29			-4842 Apr 05 j 13:30	0°	
	-4845 Oct 15 j 17:03	0°			-4842 Apr 30 j 08:57	0°	
morning max el	-4845 Oct 20 j 07:39	4°03'41	46°51'18		-4842 May 25 j 10:36	0°	
	-4845 Nov 12 j 15:45	0°			-4842 Jun 19 j 22:08	0°	
	-4845 Dec 08 j 12:15	0°		desc. node	-4842 Jul 16 j 03:23	29°	56'54
	-4844 Jan 02 j 17:31	0°			-4842 Jul 16 j 04:30	0°	
	-4844 Jan 27 j 17:45	0°			-4842 Aug 13 j 08:15	0°	
desc. node	-4844 Jan 29 j 11:24	2°05'14		evening max el	-4842 Aug 13 j 10:37	0°	05'53 47°23'33
	-4844 Feb 21 j 15:25	0°			-4842 Sep 20 j 09:03	0°	
	-4844 Mar 17 j 10:22	0°		greatest brilliancy	-4842 Sep 21 j 17:55	0°	34'52 -4.7m
	-4844 Apr 11 j 01:56	0°		retrograde	-4842 Oct 03 j 02:45	3°	00'15
morning set	-4844 Apr 21 j 10:43	12°40'24			-4842 Oct 15 j 05:06	30°	
	-4844 May 05 j 13:38	0°		evening set	-4842 Oct 18 j 03:36	28°	28'24
asc. node	-4844 May 21 j 04:09	19°13'31		inferior conj	-4842 Oct 23 j 15:50	25°	11'19 -3°-19'-36
max. Earth dist.	-4844 May 23 j 05:50	21°46'58	1.73086 AU	minimum elong	-4842 Oct 23 j 22:53	25°	00'29 3°17'27
				min. Earth dist.	-4842 Oct 23 j 08:51	25°	22'04 0.26458 AU
superior conj	-4844 May 27 j 04:31	26°39'37	0°14'05	morning rise	-4842 Oct 29 j 18:37	21°	36'21
minimum elong	-4844 May 27 j 01:45	26°31'05	0°14'03	asc. node	-4842 Nov 05 j 22:26	18°	36'02
behind sun begin	-4844 May 26 j 15:22	25°58'57		direct	-4842 Nov 12 j 21:47	17°	35'13
behind sun end	-4844 May 27 j 12:09	27°03'14		greatest brilliancy	-4842 Nov 24 j 08:27	20°	04'21 -4.6m
	-4844 May 29 j 21:17	0°			-4842 Dec 10 j 15:55	0°	
	-4844 Jun 23 j 01:13	0°		morning max el	-4841 Jan 01 j 21:45	19°	55'55 46°25'51
evening rise	-4844 Jul 02 j 01:39	11°14'12			-4841 Jan 11 j 19:03	0°	
	-4844 Jul 17 j 02:36	0°			-4841 Feb 08 j 08:49	0°	
	-4844 Aug 10 j 03:18	0°		desc. node	-4841 Feb 25 j 23:18	19°	25'42
	-4844 Sep 03 j 05:28	0°			-4841 Mar 06 j 15:33	0°	
desc. node	-4844 Sep 10 j 01:33	8°28'57			-4841 Apr 01 j 06:43	0°	
	-4844 Sep 27 j 11:13	0°			-4841 Apr 26 j 10:59	0°	
	-4844 Oct 21 j 23:04	0°			-4841 May 21 j 06:03	0°	
	-4844 Nov 15 j 22:04	0°			-4841 Jun 14 j 16:48	0°	
	-4844 Dec 11 j 20:59	0°		asc. node	-4841 Jun 18 j 16:29	4°	55'49
asc. node	-4844 Dec 31 j 18:52	21°24'50		morning set	-4841 Jun 28 j 15:39	17°	17'48
evening max el	-4843 Jan 05 j 06:56	25°56'39	45°51'00		-4841 Jul 08 j 20:18	0°	
	-4843 Jan 09 j 10:56	0°			-4841 Aug 01 j 18:32	0°	
greatest brilliancy	-4843 Feb 08 j 10:25	22°59'27	-4.5m	max. Earth dist.	-4841 Aug 01 j 22:46	0°	13'19 1.71353 AU
retrograde	-4843 Feb 23 j 12:13	26°59'36					
evening set	-4843 Mar 12 j 15:39	21°20'26		superior conj	-4841 Aug 05 j 01:31	4°	08'25 1°21'29
inferior conj	-4843 Mar 16 j 23:09	18°39'45	6°58'53	minimum elong	-4841 Aug 04 j 21:05	3°	54'30 1°21'42
minimum elong	-4843 Mar 17 j 07:06	18°27'10	6°57'34		-4841 Aug 25 j 14:08	0°	
min. Earth dist.	-4843 Mar 17 j 10:47	18°21'19	0.29417 AU	evening rise	-4841 Sep 13 j 15:08	23°	05'10
morning rise	-4843 Mar 21 j 22:30	15°35'14			-4841 Sep 18 j 09:51	0°	
direct	-4843 Apr 07 j 18:11	10°11'14		desc. node	-4841 Oct 08 j 14:09	25°	19'43
greatest brilliancy	-4843 Apr 21 j 06:19	13°22'13	-4.5m		-4841 Oct 12 j 07:42	0°	
desc. node	-4843 Apr 22 j 19:37	14°05'13			-4841 Nov 05 j 08:56	0°	
	-4843 May 15 j 15:29	0°			-4841 Nov 29 j 14:51	0°	
morning max el	-4843 May 26 j 19:40	10°11'34	45°56'48		-4841 Dec 24 j 04:16	0°	
	-4843 Jun 15 j 06:26	0°			-4840 Jan 18 j 07:03	0°	
	-4843 Jul 12 j 03:32	0°		asc. node	-4840 Jan 29 j 06:37	12°	47'23
	-4843 Aug 06 j 11:50	0°			-4840 Feb 13 j 11:03	0°	
asc. node	-4843 Aug 13 j 14:35	8°38'00			-4840 Mar 12 j 21:59	0°	
	-4843 Aug 30 j 23:42	0°		evening max el	-4840 Mar 17 j 05:24	4°	09'45 45°04'49
	-4843 Sep 24 j 00:28	0°			-4840 Apr 20 j 20:06	0°	
	-4843 Oct 17 j 21:00	0°		greatest brilliancy	-4840 Apr 21 j 04:10	0°	08'46 -4.5m
	-4843 Nov 10 j 18:02	0°		retrograde	-4840 May 04 j 07:27	3°	08'10
morning set	-4843 Nov 27 j 12:22	20°58'36			-4840 May 17 j 03:23	30°	
desc. node	-4843 Dec 03 j 13:08	28°30'14		evening set	-4840 May 19 j 03:25	28°	59'49
	-4843 Dec 04 j 17:56	0°		desc. node	-4840 May 20 j 06:52	28°	22'43
	-4843 Dec 28 j 21:04	0°		inferior conj	-4840 May 25 j 15:18	25°	12'22 -1°-14'-56
				minimum elong	-4840 May 25 j 12:32	25°	16'37 1°14'03
superior conj	-4842 Jan 07 j 23:58	12°32'19	-1°-9'-22	min. Earth dist.	-4840 May 26 j 06:18	24°	49'19 0.28404 AU
minimum elong	-4842 Jan 07 j 14:12	12°02'08	1°09'21	morning rise	-4840 May 31 j 20:49	21°	31'12
max. Earth dist.	-4842 Jan 11 j 09:13	16°43'44	1.72693 AU	direct	-4840 Jun 16 j 06:22	17°	01'45

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4840 Jun 30 j 23:07	20° Υ 47'36	-4.6m		-4837 Jan 31 j 11:51	0° \approx	
	-4840 Jul 15 j 09:41	0° B			-4837 Feb 25 j 07:23	0° H	
morning max el	-4840 Aug 05 j 03:22	18° B 32'00	46°30'34	asc. node	-4837 Feb 25 j 18:50	0° H 34'16	
	-4840 Aug 16 j 06:18	0° II			-4837 Mar 22 j 15:19	0° Υ	
asc. node	-4840 Sep 10 j 02:16	27° II 48'17			-4837 Apr 17 j 18:42	0° B	
	-4840 Sep 11 j 23:27	0° S			-4837 May 15 j 10:35	0° II	
	-4840 Oct 07 j 01:35	0° Q		evening max el	-4837 May 29 j 01:37	13° II 38'08	45°52'17
	-4840 Oct 31 j 12:03	0° M			-4837 Jun 16 j 15:58	0° S	
	-4840 Nov 24 j 17:54	0° A		desc. node	-4837 Jun 17 j 18:06	0° S 50'25	
	-4840 Dec 19 j 00:21	0° M		greatest brilliancy	-4837 Jul 06 j 18:40	12° S 02'54	-4.6m
desc. node	-4840 Dec 31 j 01:26	14° M 50'52		retrograde	-4837 Jul 17 j 11:14	14° S 06'49	
	-4839 Jan 12 j 08:56	0° A		evening set	-4837 Aug 04 j 01:26	8° S 22'01	
	-4839 Feb 05 j 19:12	0° S		inferior conj	-4837 Aug 07 j 07:55	6° S 25'32	-8°-47'-12
morning set	-4839 Feb 10 j 04:01	5° S 21'33		minimum elong	-4837 Aug 07 j 03:56	6° S 31'31	8°46'44
	-4839 Mar 02 j 06:07	0° \approx		min. Earth dist.	-4837 Aug 07 j 14:30	6° S 15'37	0.27141 AU
				morning rise	-4837 Aug 10 j 06:18	4° S 40'30	
superior conj	-4839 Mar 19 j 08:01	20° \approx 57'13	-1°-8'-21		-4837 Aug 20 j 00:46	30° R II	
minimum elong	-4839 Mar 19 j 16:06	21° \approx 22'00	1°08'19	direct	-4837 Aug 28 j 02:05	28° II 40'30	
max. Earth dist.	-4839 Mar 18 j 18:15	20° \approx 15'01	1.73724 AU		-4837 Sep 05 j 09:33	0° S	
	-4839 Mar 26 j 16:57	0° H		greatest brilliancy	-4837 Sep 10 j 14:58	2° S 02'12	-4.7m
	-4839 Apr 20 j 03:22	0° Υ		asc. node	-4837 Oct 08 j 13:26	22° S 59'14	
asc. node	-4839 Apr 22 j 17:39	3° Υ 11'16			-4837 Oct 15 j 17:10	0° Q	
evening rise	-4839 Apr 24 j 08:31	5° Υ 10'38		morning max el	-4837 Oct 17 j 21:59	2° Q 14'18	46°51'32
	-4839 May 14 j 13:18	0° B			-4837 Nov 12 j 08:36	0° M	
	-4839 Jun 07 j 23:06	0° II			-4837 Dec 08 j 02:29	0° A	
	-4839 Jul 02 j 09:52	0° S			-4836 Jan 02 j 06:23	0° M	
	-4839 Jul 26 j 23:37	0° Q			-4836 Jan 27 j 05:47	0° A	
desc. node	-4839 Aug 12 j 15:24	20° Q 10'24		desc. node	-4836 Jan 28 j 13:37	1° A 35'52	
	-4839 Aug 20 j 19:40	0° M			-4836 Feb 21 j 02:53	0° S	
	-4839 Sep 15 j 04:02	0° A			-4836 Mar 16 j 21:28	0° \approx	
	-4839 Oct 11 j 15:44	0° M			-4836 Apr 10 j 12:49	0° H	
evening max el	-4839 Oct 24 j 03:59	13° M 15'00	47°20'28	morning set	-4836 Apr 19 j 05:48	10° H 38'41	
	-4839 Nov 10 j 18:15	0° A			-4836 May 05 j 00:26	0° Υ	
greatest brilliancy	-4839 Nov 30 j 02:31	13° A 32'49	-4.6m	asc. node	-4836 May 20 j 06:09	18° Υ 46'21	
asc. node	-4839 Dec 03 j 09:38	15° A 00'59		max. Earth dist.	-4836 May 21 j 03:18	19° Υ 51'39	1.73134 AU
retrograde	-4839 Dec 14 j 05:29	17° A 15'58					
evening set	-4839 Dec 30 j 07:11	12° A 05'23		superior conj	-4836 May 24 j 23:10	24° Υ 35'28	0°11'02
min. Earth dist.	-4838 Jan 03 j 08:12	9° A 34'53	0.28208 AU	minimum elong	-4836 May 24 j 21:00	24° Υ 28'46	0°11'01
inferior conj	-4838 Jan 04 j 08:04	8° A 56'40	6°41'16	behind sun begin	-4836 May 24 j 04:54	23° Υ 39'00	
minimum elong	-4838 Jan 03 j 23:15	9° A 10'47	6°39'28	behind sun end	-4836 May 25 j 13:06	25° Υ 18'32	
morning rise	-4838 Jan 08 j 15:54	6° A 14'20			-4836 May 29 j 08:06	0° B	
direct	-4838 Jan 25 j 06:56	0° A 50'00			-4836 Jun 22 j 12:09	0° II	
greatest brilliancy	-4838 Feb 05 j 02:16	2° A 57'23	-4.5m	evening rise	-4836 Jun 29 j 19:09	9° II 04'54	
	-4838 Mar 14 j 06:23	0° S			-4836 Jul 16 j 13:43	0° S	
morning max el	-4838 Mar 15 j 01:26	0° S 45'14	45°53'53		-4836 Aug 09 j 14:41	0° Q	
desc. node	-4838 Mar 25 j 10:39	10° S 58'43			-4836 Sep 02 j 17:13	0° M	
	-4838 Apr 12 j 13:09	0° \approx		desc. node	-4836 Sep 09 j 03:42	7° M 59'00	
	-4838 May 09 j 09:25	0° H			-4836 Sep 26 j 23:24	0° A	
	-4838 Jun 04 j 02:00	0° Υ			-4836 Oct 21 j 11:50	0° M	
	-4838 Jun 29 j 00:33	0° B			-4836 Nov 15 j 11:52	0° A	
asc. node	-4838 Jul 16 j 04:44	21° B 03'54			-4836 Dec 11 j 13:04	0° S	
	-4838 Jul 23 j 09:53	0° II		asc. node	-4836 Dec 30 j 21:06	20° S 39'23	
greatest brilliancy	-4838 Jul 30 j 15:08	8° II 58'49	-3.9m	evening max el	-4835 Jan 02 j 23:25	23° S 45'44	45°53'59
	-4838 Aug 16 j 09:57	0° S			-4835 Jan 09 j 10:30	0° \approx	
morning set	-4838 Sep 08 j 19:30	29° S 30'22		greatest brilliancy	-4835 Feb 06 j 03:45	20° \approx 53'05	-4.5m
	-4838 Sep 09 j 04:53	0° Q		retrograde	-4835 Feb 21 j 05:49	24° \approx 53'14	
	-4838 Oct 02 j 22:34	0° M		evening set	-4835 Mar 10 j 11:00	19° \approx 10'34	
				inferior conj	-4835 Mar 14 j 16:20	16° \approx 32'41	7°08'22
superior conj	-4838 Oct 19 j 20:12	21° M 18'53	0°36'39	minimum elong	-4835 Mar 14 j 23:57	16° \approx 20'35	7°07'08
minimum elong	-4838 Oct 20 j 05:23	21° M 47'45	0°36'18	min. Earth dist.	-4835 Mar 15 j 02:31	16° \approx 16'32	0.29424 AU
max. Earth dist.	-4838 Oct 24 j 06:25	26° M 53'00	1.71038 AU	morning rise	-4835 Mar 19 j 12:56	13° \approx 32'05	
	-4838 Oct 26 j 17:55	0° A		direct	-4835 Apr 05 j 11:46	8° \approx 04'21	
desc. node	-4838 Nov 05 j 02:41	11° A 45'26		greatest brilliancy	-4835 Apr 18 j 20:06	11° \approx 11'49	-4.5m
	-4838 Nov 19 j 16:24	0° M		desc. node	-4835 Apr 21 j 21:43	12° \approx 39'37	
evening rise	-4838 Dec 01 j 12:37	14° M 46'24			-4835 May 15 j 18:49	0° H	
	-4838 Dec 13 j 18:26	0° A		morning max el	-4835 May 24 j 12:33	8° H 03'54	45°55'52
	-4837 Jan 07 j 00:27	0° S			-4835 Jun 14 j 23:23	0° Υ	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4835 Jul 11 j 17:33	0°♄		asc. node	-4832 Jan 28 j 08:51	12°≈13'30	
	-4835 Aug 06 j 00:33	0°♅			-4832 Feb 13 j 02:31	0°♄	
asc. node	-4835 Aug 12 j 16:50	8°♅06'47			-4832 Mar 12 j 19:32	0°♅	
	-4835 Aug 30 j 11:45	0°♄		evening max el	-4832 Mar 14 j 19:43	1°♅55'29	45°04'55
	-4835 Sep 23 j 12:10	0°♅		greatest brilliancy	-4832 Apr 18 j 17:09	27°♅55'06	-4.5m
	-4835 Oct 17 j 08:29	0°♄			-4832 Apr 24 j 16:44	0°♄	
	-4835 Nov 10 j 05:24	0°♅		retrograde	-4832 May 01 j 22:24	0°♄57'20	
morning set	-4835 Nov 24 j 22:17	18°♅24'27			-4832 May 08 j 22:56	30°♄47'52	
desc. node	-4835 Dec 02 j 15:07	28°♅01'20		evening set	-4832 May 16 j 19:06	26°♅47'52	
	-4835 Dec 04 j 05:10	0°♄		desc. node	-4832 May 19 j 08:54	25°♅22'04	
	-4835 Dec 28 j 08:11	0°♄		inferior conj	-4832 May 23 j 06:51	23°♅00'43	0°-54'-46
				minimum elong	-4832 May 23 j 04:50	23°♅03'49	0°54'06
superior conj	-4834 Jan 05 j 12:36	10°♄08'33	-1°-7'-19	min. Earth dist.	-4832 May 23 j 22:42	22°♅36'23	0.28454 AU
minimum elong	-4834 Jan 05 j 02:27	9°♄37'09	1°07'16	morning rise	-4832 May 29 j 13:38	19°♅17'31	
max. Earth dist.	-4834 Jan 09 j 03:20	14°♄37'03	1.72635 AU	direct	-4832 Jun 13 j 21:46	14°♅48'55	
	-4834 Jan 21 j 13:59	0°♄		greatest brilliancy	-4832 Jun 28 j 16:10	18°♅35'49	-4.5m
evening rise	-4834 Feb 13 j 09:10	28°♄05'42			-4832 Jul 15 j 21:32	0°♄	
	-4834 Feb 14 j 22:22	0°≈		morning max el	-4832 Aug 02 j 17:51	16°♄12'55	46°29'16
	-4834 Mar 11 j 09:43	0°♄			-4832 Aug 16 j 01:12	0°♅	
asc. node	-4834 Mar 25 j 07:14	16°♄57'06		asc. node	-4832 Sep 09 j 04:24	27°♅09'48	
	-4834 Apr 05 j 00:53	0°♅			-4832 Sep 11 j 14:34	0°♄	
	-4834 Apr 29 j 20:52	0°♄			-4832 Oct 06 j 15:09	0°♅	
	-4834 May 24 j 23:24	0°♅			-4832 Oct 31 j 00:47	0°♄	
	-4834 Jun 19 j 12:24	0°♄			-4832 Nov 24 j 06:05	0°♅	
desc. node	-4834 Jul 15 j 05:37	29°♄15'47			-4832 Dec 18 j 12:08	0°♄	
	-4834 Jul 15 j 21:33	0°♅		desc. node	-4832 Dec 30 j 03:40	14°♄21'56	
evening max el	-4834 Aug 11 j 00:40	27°♅41'53	47°21'23		-4831 Jan 11 j 20:25	0°♄	
	-4834 Aug 13 j 08:32	0°♄			-4831 Feb 05 j 06:28	0°♄	
greatest brilliancy	-4834 Sep 19 j 09:14	28°♄07'39	-4.7m	morning set	-4831 Feb 07 j 19:16	3°♄06'37	
	-4834 Sep 25 j 15:08	0°♅			-4831 Mar 01 j 17:13	0°≈	
retrograde	-4834 Sep 30 j 15:08	0°♅29'30		max. Earth dist.	-4831 Mar 16 j 13:32	18°≈13'04	1.73712 AU
	-4834 Oct 05 j 12:15	30°♄					
evening set	-4834 Oct 15 j 18:34	25°♄55'15		superior conj	-4831 Mar 17 j 02:17	18°≈52'11	-1°-10'-4
inferior conj	-4834 Oct 21 j 04:14	22°♄41'42	-3°-42'-11	minimum elong	-4831 Mar 17 j 10:09	19°≈16'19	1°10'03
minimum elong	-4834 Oct 21 j 11:58	22°♄29'49	3°39'51		-4831 Mar 26 j 03:58	0°♄	
min. Earth dist.	-4834 Oct 20 j 22:27	22°♄50'37	0.26439 AU		-4831 Apr 19 j 14:25	0°♅	
morning rise	-4834 Oct 27 j 05:45	19°♄08'20		asc. node	-4831 Apr 21 j 19:43	2°♅43'39	
asc. node	-4834 Nov 05 j 00:30	15°♄42'38		evening rise	-4831 Apr 22 j 04:02	3°♅09'11	
direct	-4834 Nov 10 j 10:14	15°♄06'18			-4831 May 14 j 00:31	0°♄	
greatest brilliancy	-4834 Nov 21 j 21:49	17°♄36'08	-4.6m		-4831 Jun 07 j 10:39	0°♅	
	-4834 Dec 11 j 07:12	0°♅			-4831 Jul 01 j 21:54	0°♄	
morning max el	-4834 Dec 30 j 10:32	17°♅30'27	46°27'05		-4831 Jul 26 j 12:21	0°♅	
	-4833 Jan 11 j 14:54	0°♄		desc. node	-4831 Aug 11 j 17:32	19°♅36'37	
	-4833 Feb 08 j 00:09	0°♄			-4831 Aug 20 j 09:25	0°♄	
desc. node	-4833 Feb 25 j 01:24	19°♄25'48			-4831 Sep 14 j 19:29	0°♅	
	-4833 Mar 06 j 04:52	0°♄			-4831 Oct 11 j 10:53	0°♄	
	-4833 Mar 31 j 18:57	0°≈		evening max el	-4831 Oct 21 j 18:41	10°♄52'41	47°22'40
	-4833 Apr 25 j 22:36	0°♄			-4831 Nov 11 j 04:04	0°♄	
	-4833 May 20 j 17:19	0°♅		greatest brilliancy	-4831 Nov 27 j 19:41	11°♄15'40	-4.6m
	-4833 Jun 14 j 03:54	0°♄		asc. node	-4831 Dec 02 j 11:51	13°♄14'39	
asc. node	-4833 Jun 17 j 18:39	4°♄28'10		retrograde	-4831 Dec 11 j 21:31	14°♄58'10	
morning set	-4833 Jun 26 j 08:40	15°♄06'59		evening set	-4831 Dec 27 j 20:08	9°♄51'43	
	-4833 Jul 08 j 07:24	0°♅		min. Earth dist.	-4831 Dec 31 j 23:20	7°♄18'28	0.28131 AU
max. Earth dist.	-4833 Jul 30 j 07:46	27°♅35'40	1.71411 AU	inferior conj	-4830 Jan 01 j 23:43	6°♄39'33	6°29'04
	-4833 Aug 01 j 05:42	0°♄		minimum elong	-4830 Jan 01 j 14:43	6°♄53'55	6°27'09
				morning rise	-4830 Jan 06 j 09:54	3°♄54'03	
superior conj	-4833 Aug 02 j 16:17	1°♄48'46	1°20'36		-4830 Jan 14 j 12:06	30°♄	
minimum elong	-4833 Aug 02 j 11:11	1°♄32'43	1°20'47	direct	-4830 Jan 22 j 21:17	28°♄33'54	
	-4833 Aug 25 j 01:25	0°♅			-4830 Jan 31 j 16:23	0°♄	
evening rise	-4833 Sep 11 j 01:16	21°♅24'15		greatest brilliancy	-4830 Feb 02 j 17:06	0°♄41'57	-4.5m
	-4833 Sep 17 j 21:15	0°♄		morning max el	-4830 Mar 12 j 16:53	28°♄32'35	45°54'37
desc. node	-4833 Oct 07 j 16:10	24°♄50'02			-4830 Mar 14 j 05:22	0°♄	
	-4833 Oct 11 j 19:14	0°♅		desc. node	-4830 Mar 24 j 12:46	10°♄14'32	
	-4833 Nov 04 j 20:38	0°♄			-4830 Apr 12 j 05:13	0°≈	
	-4833 Nov 29 j 02:49	0°♄			-4830 May 08 j 23:02	0°♄	
	-4833 Dec 23 j 16:42	0°♄			-4830 Jun 03 j 14:26	0°♅	
	-4832 Jan 17 j 20:25	0°≈			-4830 Jun 28 j 12:22	0°♄	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4830 Jul 15 j 07:01	20° ♄ 35'10			-4828 Dec 11 j 05:42	0° ♄		
	-4830 Jul 22 j 21:24	0° ♄			asc. node	-4828 Dec 29 j 23:21	19° ♄ 52'20	
greatest brilliancy	-4830 Aug 01 j 15:38	12° ♄ 09'19	-3.9m		evening max el	-4828 Dec 31 j 15:43	21° ♄ 33'15	45°56'50
	-4830 Aug 15 j 21:21	0° ♄				-4827 Jan 09 j 11:38	0° ♄	
morning set	-4830 Sep 06 j 07:37	27° ♄ 01'08			greatest brilliancy	-4827 Feb 03 j 22:03	18° ♄ 46'47	-4.5m
	-4830 Sep 08 j 16:14	0° ♄			retrograde	-4827 Feb 18 j 23:03	22° ♄ 45'40	
	-4830 Oct 02 j 09:56	0° ♄			evening set	-4827 Mar 08 j 06:16	16° ♄ 59'54	
					inferior conj	-4827 Mar 12 j 09:29	14° ♄ 24'44	7°17'14
superior conj	-4830 Oct 17 j 05:01	18° ♄ 39'33	0°40'13		minimum elong	-4827 Mar 12 j 16:45	14° ♄ 13'11	7°16'08
minimum elong	-4830 Oct 17 j 14:50	19° ♄ 10'27	0°39'52		min. Earth dist.	-4827 Mar 12 j 18:26	14° ♄ 10'30	0.29423 AU
max. Earth dist.	-4830 Oct 21 j 10:48	23° ♄ 59'56	1.71009 AU		morning rise	-4827 Mar 17 j 03:18	11° ♄ 27'56	
	-4830 Oct 26 j 05:19	0° ♄			direct	-4827 Apr 03 j 04:59	5° ♄ 56'46	
desc. node	-4830 Nov 04 j 04:45	11° ♄ 16'07			greatest brilliancy	-4827 Apr 16 j 09:18	8° ♄ 59'57	-4.5m
	-4830 Nov 19 j 03:50	0° ♄			desc. node	-4827 Apr 20 j 23:50	11° ♄ 15'58	
evening rise	-4830 Nov 28 j 22:19	12° ♄ 11'33				-4827 May 15 j 20:52	0° ♄	
	-4830 Dec 13 j 05:53	0° ♄			morning max el	-4827 May 22 j 04:28	5° ♄ 53'29	45°55'02
	-4829 Jan 06 j 11:58	0° ♄				-4827 Jun 14 j 16:09	0° ♄	
asc. node	-4829 Jan 30 j 23:33	0° ♄				-4827 Jul 11 j 07:30	0° ♄	
	-4829 Feb 24 j 20:56	0° ♄ 04'04			asc. node	-4827 Aug 05 j 13:16	0° ♄	
	-4829 Feb 24 j 19:35	0° ♄				-4827 Aug 11 j 18:52	7° ♄ 34'48	
	-4829 Mar 22 j 04:29	0° ♄				-4827 Aug 29 j 23:50	0° ♄	
	-4829 Apr 17 j 09:49	0° ♄				-4827 Sep 22 j 23:53	0° ♄	
	-4829 May 15 j 06:17	0° ♄				-4827 Oct 16 j 20:00	0° ♄	
evening max el	-4829 May 26 j 16:12	11° ♄ 20'43	45°49'30			-4827 Nov 09 j 16:46	0° ♄	
desc. node	-4829 Jun 16 j 20:23	29° ♄ 38'06			morning set	-4827 Nov 22 j 08:31	15° ♄ 51'10	
	-4829 Jun 17 j 08:16	0° ♄			desc. node	-4827 Dec 01 j 17:21	27° ♄ 33'14	
greatest brilliancy	-4829 Jul 04 j 04:27	9° ♄ 36'19	-4.6m			-4827 Dec 03 j 16:25	0° ♄	
retrograde	-4829 Jul 15 j 00:18	11° ♄ 42'33				-4827 Dec 27 j 19:19	0° ♄	
evening set	-4829 Aug 01 j 10:54	6° ♄ 02'19						
inferior conj	-4829 Aug 04 j 20:43	4° ♄ 00'50	-8°-41'-56		superior conj	-4826 Jan 03 j 01:11	7° ♄ 44'26	-1°-5'-7
minimum elong	-4829 Aug 04 j 15:54	4° ♄ 08'04	8°41'21		minimum elong	-4826 Jan 02 j 14:45	7° ♄ 12'09	1°05'04
min. Earth dist.	-4829 Aug 05 j 02:39	3° ♄ 51'53	0.27181 AU		max. Earth dist.	-4826 Jan 06 j 21:45	12° ♄ 31'04	1.72581 AU
morning rise	-4829 Aug 07 j 20:47	2° ♄ 13'22				-4826 Jan 21 j 01:03	0° ♄	
	-4829 Aug 11 j 21:27	30° ♄			evening rise	-4826 Feb 11 j 01:02	25° ♄ 52'50	
direct	-4829 Aug 25 j 16:16	26° ♄ 15'20				-4826 Feb 14 j 09:26	0° ♄	
greatest brilliancy	-4829 Sep 08 j 05:09	29° ♄ 37'26	-4.7m			-4826 Mar 10 j 20:55	0° ♄	
	-4829 Sep 09 j 00:01	0° ♄			asc. node	-4826 Mar 24 j 09:17	16° ♄ 28'58	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4825 Jul 07 j 18:21	0°♊		inferior conj	-4823 Dec 30 j 15:09	4°♊22'30	6°16'04
max. Earth dist.	-4825 Jul 27 j 20:12	25°♊09'21	1.71470 AU	minimum elong	-4823 Dec 30 j 06:01	4°♊37'02	6°14'03
				morning rise	-4822 Jan 04 j 03:45	1°♊33'54	
superior conj	-4825 Jul 31 j 07:11	29°♊30'04	1°19'34		-4822 Jan 06 j 22:56	30°♋♌	
minimum elong	-4825 Jul 31 j 01:26	29°♊12'01	1°19'44	direct	-4822 Jan 20 j 11:52	26°♌18'00	
	-4825 Jul 31 j 16:42	0°♌		greatest brilliancy	-4822 Jan 31 j 06:56	28°♌25'58	-4.5m
	-4825 Aug 24 j 12:33	0°♍			-4822 Feb 03 j 23:14	0°♎	
evening rise	-4825 Sep 08 j 11:47	18°♍51'01		morning max el	-4822 Mar 10 j 08:51	26°♎22'09	45°55'25
	-4825 Sep 17 j 08:32	0°♏			-4822 Mar 14 j 03:03	0°♐	
desc. node	-4825 Oct 06 j 18:16	24°♏21'00		desc. node	-4822 Mar 23 j 14:53	9°♐31'58	
	-4825 Oct 11 j 06:39	0°♑			-4822 Apr 11 j 20:39	0°♒	
	-4825 Nov 04 j 08:11	0°♒			-4822 May 08 j 12:11	0°♓	
	-4825 Nov 28 j 14:37	0°♈			-4822 Jun 03 j 02:29	0°♈	
	-4825 Dec 23 j 04:58	0°♉			-4822 Jun 27 j 23:52	0°♉	
asc. node	-4824 Jan 17 j 09:39	0°♊		asc. node	-4822 Jul 14 j 09:01	20°♊06'28	
	-4824 Jan 27 j 10:54	11°♊39'30			-4822 Jul 22 j 08:38	0°♋	
	-4824 Feb 12 j 17:58	0°♋		greatest brilliancy	-4822 Aug 03 j 08:47	14°♋58'03	-3.9m
evening max el	-4824 Mar 12 j 10:18	29°♋42'24	45°05'03		-4822 Aug 15 j 08:27	0°♌	
	-4824 Mar 12 j 17:42	0°♍		morning set	-4822 Sep 03 j 19:42	24°♌32'51	
greatest brilliancy	-4824 Apr 16 j 05:13	25°♍40'49	-4.5m		-4822 Sep 08 j 03:17	0°♍	
retrograde	-4824 Apr 29 j 13:49	28°♍47'00			-4822 Oct 01 j 20:58	0°♎	
evening set	-4824 May 14 j 10:56	24°♎36'05					
desc. node	-4824 May 18 j 11:11	22°♎19'24		superior conj	-4822 Oct 14 j 13:49	16°♎01'17	0°43'42
inferior conj	-4824 May 20 j 22:22	20°♎49'25	0°-34'-29	minimum elong	-4822 Oct 15 j 00:10	16°♎33'54	0°43'21
minimum elong	-4824 May 20 j 21:05	20°♎51'23	0°34'04	max. Earth dist.	-4822 Oct 18 j 18:20	21°♎17'48	1.70980 AU
min. Earth dist.	-4824 May 21 j 14:52	20°♎24'07	0.28503 AU		-4822 Oct 25 j 16:23	0°♏	
morning rise	-4824 May 27 j 06:20	17°♎04'38		desc. node	-4822 Nov 03 j 06:56	10°♏48'16	
direct	-4824 Jun 11 j 13:26	12°♎36'29			-4822 Nov 18 j 14:55	0°♐	
greatest brilliancy	-4824 Jun 26 j 09:41	16°♎25'24	-4.5m	evening rise	-4822 Nov 26 j 07:56	9°♐37'22	
	-4824 Jul 16 j 06:04	0°♑			-4822 Dec 12 j 17:01	0°♑	
morning max el	-4824 Jul 31 j 09:16	13°♑57'06	46°28'03		-4821 Jan 05 j 23:09	0°♒	
	-4824 Aug 15 j 19:21	0°♒			-4821 Jan 30 j 10:57	0°♓	
asc. node	-4824 Sep 08 j 06:33	26°♒32'38		asc. node	-4821 Feb 23 j 23:05	29°♓34'56	
	-4824 Sep 11 j 05:13	0°♓			-4821 Feb 24 j 07:28	0°♈	
	-4824 Oct 06 j 04:19	0°♈			-4821 Mar 21 j 17:21	0°♉	
	-4824 Oct 30 j 13:10	0°♉			-4821 Apr 17 j 00:44	0°♊	
	-4824 Nov 23 j 17:57	0°♊			-4821 May 15 j 02:11	0°♋	
	-4824 Dec 17 j 23:37	0°♋		evening max el	-4821 May 24 j 06:48	9°♋04'21	45°46'32
desc. node	-4824 Dec 29 j 05:44	13°♋53'19		desc. node	-4821 Jun 15 j 22:26	28°♋23'51	
	-4823 Jan 11 j 07:37	0°♌			-4821 Jun 18 j 05:36	0°♌	
	-4823 Feb 04 j 17:25	0°♍		greatest brilliancy	-4821 Jul 01 j 15:03	7°♌11'23	-4.6m
morning set	-4823 Feb 05 j 10:29	0°♎52'26		retrograde	-4821 Jul 12 j 12:51	9°♌18'37	
	-4823 Mar 01 j 04:00	0°♏		evening set	-4821 Jul 29 j 19:58	3°♌43'44	
				inferior conj	-4821 Aug 02 j 09:24	1°♌36'45	-8°-35'-39
superior conj	-4823 Mar 14 j 20:32	16°♌48'01	-1°-11'-40	minimum elong	-4821 Aug 02 j 03:46	1°♌45'14	8°34'58
minimum elong	-4823 Mar 15 j 04:09	17°♌11'25	1°11'42	min. Earth dist.	-4821 Aug 02 j 15:01	1°♌28'17	0.27221 AU
max. Earth dist.	-4823 Mar 14 j 10:11	16°♌16'17	1.73703 AU	morning rise	-4821 Aug 05 j 11:28	29°♌46'11	
	-4823 Mar 25 j 14:41	0°♍			-4821 Aug 05 j 02:03	30°♍♎	
	-4823 Apr 19 j 01:12	0°♎		direct	-4821 Aug 23 j 06:09	23°♎50'45	
evening rise	-4823 Apr 19 j 23:31	1°♎08'32		greatest brilliancy	-4821 Sep 05 j 18:40	27°♎12'15	-4.7m
asc. node	-4823 Apr 20 j 21:55	2°♎17'15			-4821 Sep 10 j 23:59	0°♏	
greatest brilliancy	-4823 Apr 21 j 15:02	3°♎09'48	-3.9m	asc. node	-4821 Oct 06 j 17:48	21°♏02'39	
	-4823 May 13 j 11:30	0°♏		morning max el	-4821 Oct 13 j 01:38	27°♏22'48	46°51'21
	-4823 Jun 06 j 21:58	0°♐			-4821 Oct 15 j 14:28	0°♑	
	-4823 Jul 01 j 09:43	0°♑			-4821 Nov 11 j 17:37	0°♒	
	-4823 Jul 26 j 00:50	0°♒			-4821 Dec 07 j 06:50	0°♓	
desc. node	-4823 Aug 10 j 19:34	19°♒03'21			-4820 Jan 01 j 08:16	0°♈	
	-4823 Aug 19 j 22:55	0°♓			-4820 Jan 26 j 06:04	0°♉	
	-4823 Sep 14 j 10:47	0°♈		desc. node	-4820 Jan 26 j 17:44	0°♊35'12	
	-4823 Oct 11 j 06:11	0°♉			-4820 Feb 20 j 02:04	0°♋	
evening max el	-4823 Oct 19 j 10:07	8°♋33'12	47°24'42		-4820 Mar 15 j 19:52	0°♌	
	-4823 Nov 11 j 16:46	0°♌			-4820 Apr 09 j 10:44	0°♍	
greatest brilliancy	-4823 Nov 25 j 12:32	8°♌58'37	-4.6m	morning set	-4820 Apr 14 j 20:03	6°♌35'15	
asc. node	-4823 Dec 01 j 14:07	11°♌24'47			-4820 May 03 j 22:09	0°♎	
retrograde	-4823 Dec 09 j 13:53	12°♌40'34		max. Earth dist.	-4820 May 16 j 19:33	15°♎52'41	1.73221 AU
evening set	-4823 Dec 25 j 08:56	7°♌38'10		asc. node	-4820 May 18 j 10:32	17°♎52'57	
min. Earth dist.	-4823 Dec 29 j 14:04	5°♌02'26	0.28053 AU				

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 17

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4820 May 20 j 13:03	20°Υ28'52	0°04'58	direct	-4818 Nov 05 j 09:50	10°Π08'20	
minimum elong	-4820 May 20 j 12:04	20°Υ25'49	0°05'00	greatest brilliancy	-4818 Nov 17 j 03:00	12°Π42'57	-4.7m
behind sun begin	-4820 May 19 j 14:57	19°Υ20'38			-4818 Dec 12 j 02:52	0°Ω	
behind sun end	-4820 May 21 j 09:10	21°Υ31'01		morning max el	-4818 Dec 25 j 11:35	12°Ω38'06	46°29'46
	-4820 May 28 j 05:50	0°Ω			-4817 Jan 11 j 04:42	0°Π	
	-4820 Jun 21 j 10:07	0°Π			-4817 Feb 07 j 05:57	0°Ω	
evening rise	-4820 Jun 25 j 07:02	4°Π49'01		desc. node	-4817 Feb 23 j 05:40	18°Ω19'24	
	-4820 Jul 15 j 12:05	0°Ω			-4817 Mar 05 j 07:03	0°Ω	
	-4820 Aug 08 j 13:36	0°Ω			-4817 Mar 30 j 19:08	0°≈	
	-4820 Sep 01 j 16:50	0°Π			-4817 Apr 24 j 21:37	0°Ω	
desc. node	-4820 Sep 07 j 07:53	6°Π58'17			-4817 May 19 j 15:38	0°Υ	
	-4820 Sep 25 j 23:55	0°Ω			-4817 Jun 13 j 01:52	0°Ω	
	-4820 Oct 20 j 13:39	0°Π		asc. node	-4817 Jun 15 j 22:51	3°Ω33'17	
	-4820 Nov 14 j 15:58	0°Ω		morning set	-4817 Jun 21 j 18:58	10°Ω47'23	
	-4820 Dec 10 j 22:22	0°Ω			-4817 Jul 07 j 05:16	0°Π	
asc. node	-4820 Dec 29 j 01:22	19°Ω04'43		max. Earth dist.	-4817 Jul 25 j 10:17	22°Π48'22	1.71525 AU
evening max el	-4820 Dec 29 j 07:03	19°Ω18'52	45°59'45				
	-4819 Jan 09 j 13:48	0°≈		superior conj	-4817 Jul 28 j 22:26	27°Π12'40	1°18'25
greatest brilliancy	-4819 Feb 01 j 16:04	16°≈40'35	-4.5m	minimum elong	-4817 Jul 28 j 16:07	26°Π52'49	1°18'34
retrograde	-4819 Feb 16 j 15:50	20°≈38'42			-4817 Jul 31 j 03:40	0°Ω	
evening set	-4819 Mar 06 j 01:23	14°≈49'58			-4817 Aug 23 j 23:38	0°Ω	
inferior conj	-4819 Mar 10 j 02:38	12°≈17'28	7°25'32	evening rise	-4817 Sep 05 j 22:50	16°Ω19'41	
minimum elong	-4819 Mar 10 j 09:27	12°≈06'35	7°24'33		-4817 Sep 16 j 19:45	0°Π	
min. Earth dist.	-4819 Mar 10 j 10:37	12°≈04'43	0.29419 AU	desc. node	-4817 Oct 05 j 20:27	23°Π52'20	
morning rise	-4819 Mar 14 j 17:36	9°≈24'25			-4817 Oct 10 j 18:02	0°Ω	
direct	-4819 Mar 31 j 21:38	3°≈49'43			-4817 Nov 03 j 19:46	0°Π	
greatest brilliancy	-4819 Apr 13 j 22:50	6°≈49'04	-4.5m		-4817 Nov 28 j 02:30	0°Ω	
desc. node	-4819 Apr 20 j 02:03	9°≈55'40			-4817 Dec 22 j 17:22	0°Ω	
	-4819 May 15 j 21:19	0°Ω			-4816 Jan 16 j 23:04	0°≈	
morning max el	-4819 May 19 j 19:47	3°Ω42'26	45°54'24	asc. node	-4816 Jan 26 j 13:05	11°≈05'23	
	-4819 Jun 14 j 08:18	0°Υ			-4816 Feb 12 j 09:46	0°Ω	
	-4819 Jul 10 j 21:03	0°Ω		evening max el	-4816 Mar 10 j 01:36	27°Ω30'58	45°05'28
	-4819 Aug 05 j 01:39	0°Π			-4816 Mar 12 j 16:54	0°Υ	
asc. node	-4819 Aug 10 j 21:02	7°Π04'05		greatest brilliancy	-4816 Apr 13 j 17:05	23°Υ26'19	-4.5m
	-4819 Aug 29 j 11:39	0°Ω		retrograde	-4816 Apr 27 j 05:37	26°Υ36'32	
	-4819 Sep 22 j 11:25	0°Ω		evening set	-4816 May 12 j 02:59	22°Υ24'03	
	-4819 Oct 16 j 07:23	0°Π		desc. node	-4816 May 17 j 13:16	19°Υ15'32	
	-4819 Nov 09 j 04:01	0°Ω		inferior conj	-4816 May 18 j 13:52	18°Υ37'51	0°-14'-19
morning set	-4819 Nov 19 j 18:12	13°Ω16'25		minimum elong	-4816 May 18 j 13:21	18°Υ38'40	0°14'07
desc. node	-4819 Nov 30 j 19:25	27°Ω04'59		transit middle	-4816 May 18 j 13:21	18°Υ38'40	0°14'07
	-4819 Dec 03 j 03:32	0°Π		transit begin	-4816 May 18 j 11:19	18°Υ41'46	
	-4819 Dec 27 j 06:18	0°Ω		transit end	-4816 May 18 j 15:22	18°Υ35'34	
				min. Earth dist.	-4816 May 19 j 06:40	18°Υ12'05	0.28552 AU
superior conj	-4819 Dec 31 j 13:16	5°Ω19'11	-1°-2'-48	morning rise	-4816 May 24 j 22:52	14°Υ51'48	
minimum elong	-4819 Dec 31 j 02:37	4°Ω46'12	1°02'42	direct	-4816 Jun 09 j 05:35	10°Υ23'52	
max. Earth dist.	-4818 Jan 04 j 14:29	10°Ω20'21	1.72520 AU	greatest brilliancy	-4816 Jun 24 j 02:50	14°Υ14'22	-4.5m
	-4818 Jan 20 j 11:58	0°Ω			-4816 Jul 16 j 12:22	0°Ω	
evening rise	-4818 Feb 08 j 16:33	23°Ω39'19		morning max el	-4816 Jul 29 j 01:38	11°Ω43'35	46°26'53
	-4818 Feb 13 j 20:22	0°≈			-4816 Aug 15 j 13:12	0°Π	
	-4818 Mar 10 j 07:58	0°Ω		asc. node	-4816 Sep 07 j 08:45	25°Π55'37	
asc. node	-4818 Mar 23 j 11:30	16°Ω01'44			-4816 Sep 10 j 19:47	0°Ω	
	-4818 Apr 03 j 23:41	0°Υ			-4816 Oct 05 j 17:27	0°Ω	
	-4818 Apr 28 j 20:43	0°Ω			-4816 Oct 30 j 01:31	0°Π	
	-4818 May 24 j 01:03	0°Π			-4816 Nov 23 j 05:50	0°Ω	
	-4818 Jun 18 j 17:11	0°Ω			-4816 Dec 17 j 11:11	0°Π	
desc. node	-4818 Jul 13 j 09:48	27°Ω52'07		desc. node	-4816 Dec 28 j 07:45	13°Π24'14	
	-4818 Jul 15 j 08:27	0°Ω			-4815 Jan 10 j 18:56	0°Ω	
evening max el	-4818 Aug 06 j 01:50	22°Ω47'30	47°16'36	morning set	-4815 Feb 03 j 01:18	28°Ω36'24	
	-4818 Aug 13 j 12:31	0°Π			-4815 Feb 04 j 04:31	0°Ω	
greatest brilliancy	-4818 Sep 14 j 16:38	23°Π14'31	-4.7m		-4815 Feb 28 j 14:57	0°≈	
retrograde	-4818 Sep 25 j 14:51	25°Π29'01					
evening set	-4818 Oct 11 j 00:46	20°Π48'36		superior conj	-4815 Mar 12 j 14:23	14°≈42'04	-1°-13'-12
inferior conj	-4818 Oct 16 j 05:02	17°Π43'20	-4°-25'-47	minimum elong	-4815 Mar 12 j 21:43	15°≈04'35	1°13'15
minimum elong	-4818 Oct 16 j 13:56	17°Π29'40	4°23'13	max. Earth dist.	-4815 Mar 12 j 07:46	14°≈21'47	1.73690 AU
min. Earth dist.	-4818 Oct 16 j 02:17	17°Π47'33	0.26417 AU		-4815 Mar 25 j 01:34	0°Ω	
morning rise	-4818 Oct 22 j 03:14	14°Π14'11		evening rise	-4815 Apr 17 j 18:46	29°Ω06'42	
asc. node	-4818 Nov 03 j 04:56	10°Π14'19			-4815 Apr 18 j 12:08	0°Υ	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 18

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4815 Apr 20 j 00:02	1°Υ50'08				-4813 Sep 12 j 08:41	0°☿	
greatest brilliancy	-4815 Apr 21 j 08:58	3°Υ31'11	-3.9m		asc. node	-4813 Oct 05 j 19:57	20°☿05'32	
	-4815 May 12 j 22:40	0°♄			morning max el	-4813 Oct 10 j 14:13	24°☿53'20	46°51'14
	-4815 Jun 06 j 09:30	0°♂				-4813 Oct 15 j 12:06	0°♂	
	-4815 Jun 30 j 21:45	0°☿				-4813 Nov 11 j 09:54	0°♍	
	-4815 Jul 25 j 13:35	0°♂				-4813 Dec 06 j 20:57	0°♌	
desc. node	-4815 Aug 09 j 21:46	18°♂29'49				-4813 Dec 31 j 21:11	0°♍	
	-4815 Aug 19 j 12:44	0°♍			desc. node	-4812 Jan 25 j 19:59	0°♄05'22	
	-4815 Sep 14 j 02:27	0°♌				-4812 Jan 25 j 18:13	0°♄	
	-4815 Oct 11 j 02:09	0°♍				-4812 Feb 19 j 13:40	0°♄	
evening max el	-4815 Oct 17 j 02:32	6°♍16'01	47°26'41			-4812 Mar 15 j 07:07	0°♍	
	-4815 Nov 12 j 09:51	0°♄				-4812 Apr 08 j 21:48	0°♋	
greatest brilliancy	-4815 Nov 23 j 05:38	6°♄41'40	-4.6m		morning set	-4812 Apr 12 j 15:12	4°♋33'18	
asc. node	-4815 Nov 30 j 16:06	9°♄30'15				-4812 May 03 j 09:08	0°Υ	
retrograde	-4815 Dec 07 j 06:30	10°♄22'27			max. Earth dist.	-4812 May 14 j 14:28	13°Υ49'14	1.73266 AU
evening set	-4815 Dec 22 j 21:55	5°♄24'09			asc. node	-4812 May 17 j 12:32	17°Υ25'15	
min. Earth dist.	-4815 Dec 27 j 04:44	2°♄46'04	0.27976 AU					
inferior conj	-4815 Dec 28 j 06:35	2°♄04'57	6°02'29		superior conj	-4812 May 18 j 08:05	18°Υ25'35	0°01'56
minimum elong	-4815 Dec 27 j 21:25	2°♄19'33	6°00'22		minimum elong	-4812 May 18 j 07:42	18°Υ24'24	0°01'58
	-4815 Dec 31 j 14:21	30°♌			behind sun begin	-4812 May 17 j 09:48	17°Υ16'51	
morning rise	-4814 Jan 01 j 21:40	29°♌13'10			behind sun end	-4812 May 19 j 05:35	19°Υ31'58	
direct	-4814 Jan 18 j 02:57	24°♌01'48				-4812 May 27 j 16:51	0°♄	
greatest brilliancy	-4814 Jan 28 j 20:04	26°♌08'37	-4.5m			-4812 Jun 20 j 21:15	0°♂	
	-4814 Feb 05 j 20:48	0°♄			evening rise	-4812 Jun 23 j 01:05	2°♂41'11	
morning max el	-4814 Mar 08 j 00:58	24°♄11'22	45°56'04			-4812 Jul 14 j 23:25	0°☿	
	-4814 Mar 14 j 00:14	0°♄				-4812 Aug 08 j 01:15	0°♂	
desc. node	-4814 Mar 22 j 17:04	8°♄49'23				-4812 Sep 01 j 04:53	0°♍	
	-4814 Apr 11 j 12:08	0°♍			desc. node	-4812 Sep 06 j 10:01	6°♍27'20	
	-4814 May 08 j 01:29	0°♋				-4812 Sep 25 j 12:27	0°♌	
	-4814 Jun 02 j 14:44	0°Υ				-4812 Oct 20 j 02:53	0°♍	
	-4814 Jun 27 j 11:34	0°♄				-4812 Nov 14 j 06:26	0°♄	
asc. node	-4814 Jul 13 j 11:09	19°♄37'33				-4812 Dec 10 j 15:40	0°♄	
	-4814 Jul 21 j 20:04	0°♂			evening max el	-4812 Dec 26 j 21:45	17°♄02'03	46°02'53
greatest brilliancy	-4814 Aug 04 j 13:10	17°♂06'23	-3.9m		asc. node	-4812 Dec 28 j 03:37	18°♄16'12	
	-4814 Aug 14 j 19:46	0°☿				-4811 Jan 09 j 17:50	0°♍	
morning set	-4814 Sep 01 j 07:54	22°☿04'10			greatest brilliancy	-4811 Jan 30 j 09:12	14°♍32'45	-4.5m
	-4814 Sep 07 j 14:35	0°♂			retrograde	-4811 Feb 14 j 08:43	18°♍31'49	
	-4814 Oct 01 j 08:16	0°♍			evening set	-4811 Mar 03 j 20:34	12°♍40'04	
					inferior conj	-4811 Mar 07 j 20:00	10°♍10'15	7°33'13
superior conj	-4814 Oct 11 j 22:58	13°♍23'12	0°47'04		minimum elong	-4811 Mar 08 j 02:22	10°♍00'04	7°32'20
minimum elong	-4814 Oct 12 j 09:45	13°♍57'13	0°46'43		min. Earth dist.	-4811 Mar 08 j 03:13	9°♍58'43	0.29413 AU
max. Earth dist.	-4814 Oct 16 j 01:37	18°♍34'01	1.70947 AU		morning rise	-4811 Mar 12 j 08:13	7°♍20'58	
	-4814 Oct 25 j 03:41	0°♌			direct	-4811 Mar 29 j 14:07	1°♍42'35	
desc. node	-4814 Nov 02 j 08:59	10°♌19'17			greatest brilliancy	-4811 Apr 11 j 13:23	4°♍39'12	-4.5m
	-4814 Nov 18 j 02:14	0°♍			desc. node	-4811 Apr 19 j 04:09	8°♍37'18	
evening rise	-4814 Nov 23 j 17:39	7°♍02'45				-4811 May 15 j 20:54	0°♋	
	-4814 Dec 12 j 04:19	0°♄			morning max el	-4811 May 17 j 11:17	1°♋31'09	45°53'42
	-4813 Jan 05 j 10:33	0°♄				-4811 Jun 14 j 00:29	0°Υ	
	-4813 Jan 29 j 22:35	0°♍				-4811 Jul 10 j 10:48	0°♄	
asc. node	-4813 Feb 23 j 01:15	29°♍05'05				-4811 Aug 04 j 14:17	0°♂	
	-4813 Feb 23 j 19:38	0°♋			asc. node	-4811 Aug 09 j 23:16	6°♂32'48	
	-4813 Mar 21 j 06:37	0°Υ				-4811 Aug 28 j 23:42	0°☿	
	-4813 Apr 16 j 16:10	0°♄				-4811 Sep 21 j 23:11	0°♂	
	-4813 May 14 j 23:04	0°♂				-4811 Oct 15 j 19:00	0°♍	
evening max el	-4813 May 21 j 21:01	6°♂46'22	45°43'41			-4811 Nov 08 j 15:31	0°♌	
desc. node	-4813 Jun 15 j 00:32	27°♂06'41			morning set	-4811 Nov 17 j 03:45	10°♌40'13	
	-4813 Jun 19 j 11:13	0°☿			desc. node	-4811 Nov 29 j 21:25	26°♌35'40	
greatest brilliancy	-4813 Jun 29 j 02:32	4°☿47'02	-4.6m			-4811 Dec 02 j 14:55	0°♍	
retrograde	-4813 Jul 10 j 00:51	6°☿54'30				-4811 Dec 26 j 17:34	0°♄	
evening set	-4813 Jul 27 j 04:59	1°☿25'19						
	-4813 Jul 29 j 14:50	30°♌			superior conj	-4811 Dec 29 j 01:13	2°♄52'33	-1°00'-20
inferior conj	-4813 Jul 30 j 22:16	29°♌12'36	-8°-28'-32		minimum elong	-4811 Dec 28 j 14:24	2°♄19'03	1°00'12
minimum elong	-4813 Jul 30 j 15:52	29°♌22'17	8°27'41		max. Earth dist.	-4810 Jan 02 j 04:12	7°♄59'19	1.72456 AU
min. Earth dist.	-4813 Jul 31 j 03:55	29°♌04'03	0.27263 AU			-4810 Jan 19 j 23:09	0°♄	
morning rise	-4813 Aug 03 j 02:36	27°♌18'28			evening rise	-4810 Feb 06 j 08:02	21°♄24'57	
direct	-4813 Aug 20 j 19:48	21°♌25'55				-4810 Feb 13 j 07:31	0°♍	
greatest brilliancy	-4813 Sep 03 j 08:50	24°♌47'15	-4.7m			-4810 Mar 09 j 19:13	0°♋	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4810 Mar 22 j 13:37	15° Υ 33'35		-4808 Sep 10 j 10:16	0° \ominus	
	-4810 Apr 03 j 11:14	0° Υ		-4808 Oct 05 j 06:37	0° Ω	
	-4810 Apr 28 j 08:50	0° Υ		-4808 Oct 29 j 13:59	0° η	
	-4810 May 23 j 14:10	0° Π		-4808 Nov 22 j 17:49	0° $\underline{\Omega}$	
	-4810 Jun 18 j 08:00	0° \ominus		-4808 Dec 16 j 22:49	0° \mathbb{M}	
desc. node	-4810 Jul 12 j 12:02	27° \ominus 09'19		desc. node	-4808 Dec 27 j 09:59	12° \mathbb{M} 55'37
	-4810 Jul 15 j 02:42	0° Ω		-4807 Jan 10 j 06:18	0° \mathcal{A}	
evening max el	-4810 Aug 03 j 13:56	20° Ω 18'45	47°14'07	morning set	-4807 Jan 31 j 15:44	26° \mathcal{A} 18'59
	-4810 Aug 13 j 17:04	0° η		-4807 Feb 03 j 15:41	0° \mathcal{C}	
greatest brilliancy	-4810 Sep 12 j 07:08	20° η 45'43	-4.7m	-4807 Feb 28 j 01:57	0° \approx	
retrograde	-4810 Sep 23 j 02:51	22° η 58'07				
evening set	-4810 Oct 08 j 15:51	18° η 13'42		superior conj	-4807 Mar 10 j 08:01	12° \approx 35'14 -1°-14'-39
inferior conj	-4810 Oct 13 j 17:16	15° η 13'03	-4°-46'-54	minimum elong	-4807 Mar 10 j 15:01	12° \approx 56'41 1°14'43
minimum elong	-4810 Oct 14 j 02:40	14° η 58'39	4°44'15	max. Earth dist.	-4807 Mar 10 j 06:18	12° \approx 29'58 1.73674 AU
min. Earth dist.	-4810 Oct 13 j 15:52	15° η 15'11	0.26416 AU		-4807 Mar 24 j 12:30	0° Υ
morning rise	-4810 Oct 19 j 13:31	11° η 46'49		evening rise	-4807 Apr 15 j 13:59	27° Υ 04'44
asc. node	-4810 Nov 02 j 07:00	7° η 38'21		-4807 Apr 17 j 23:07	0° Υ	
direct	-4810 Nov 02 j 21:39	7° η 37'53		asc. node	-4807 Apr 19 j 02:04	1° Υ 22'43
greatest brilliancy	-4810 Nov 14 j 17:55	10° η 15'48	-4.7m	greatest brilliancy	-4807 Apr 21 j 14:03	4° Υ 26'43 -3.9m
	-4810 Dec 12 j 09:14	0° $\underline{\Omega}$		-4807 May 12 j 09:49	0° Υ	
morning max el	-4810 Dec 23 j 01:21	10° $\underline{\Omega}$ 13'56	46°31'07	-4807 Jun 05 j 21:00	0° Π	
	-4809 Jan 10 j 23:10	0° \mathbb{M}		-4807 Jun 30 j 09:45	0° \ominus	
	-4809 Feb 06 j 20:50	0° \mathcal{A}		-4807 Jul 25 j 02:19	0° Ω	
desc. node	-4809 Feb 22 j 07:46	17° \mathcal{A} 45'44		desc. node	-4807 Aug 08 j 23:52	17° Ω 56'00
	-4809 Mar 04 j 20:12	0° \mathcal{C}		-4807 Aug 19 j 02:37	0° η	
	-4809 Mar 30 j 07:18	0° \approx		-4807 Sep 13 j 18:23	0° $\underline{\Omega}$	
	-4809 Apr 24 j 09:11	0° Υ		-4807 Oct 10 j 22:52	0° \mathbb{M}	
	-4809 May 19 j 02:52	0° Υ		evening max el	-4807 Oct 14 j 19:19	3° \mathbb{M} 59'15 47°28'21
	-4809 Jun 12 j 12:56	0° Υ		-4807 Nov 13 j 09:22	0° \mathcal{A}	
asc. node	-4809 Jun 15 j 01:03	3° Υ 05'50		greatest brilliancy	-4807 Nov 20 j 23:34	4° \mathcal{A} 24'48 -4.7m
morning set	-4809 Jun 19 j 12:34	8° Υ 38'48		asc. node	-4807 Nov 29 j 18:21	7° \mathcal{A} 30'20
	-4809 Jul 06 j 16:20	0° Π		retrograde	-4807 Dec 04 j 22:38	8° \mathcal{A} 02'41
max. Earth dist.	-4809 Jul 23 j 00:18	20° Π 26'48	1.71585 AU	evening set	-4807 Dec 20 j 10:42	3° \mathcal{A} 08'50
				min. Earth dist.	-4807 Dec 24 j 19:19	0° \mathcal{A} 28'05 0.27895 AU
superior conj	-4809 Jul 26 j 13:51	24° Π 55'19	1°17'09	inferior conj	-4807 Dec 25 j 21:43	29° \mathbb{M} 46'07 5°48'01
minimum elong	-4809 Jul 26 j 07:01	24° Π 33'53	1°17'16	minimum elong	-4807 Dec 25 j 12:33	0° \mathcal{A} 00'41 5°45'49
	-4809 Jul 30 j 14:50	0° \ominus		-4807 Dec 25 j 12:59	30° \mathbb{M}	
	-4809 Aug 23 j 10:55	0° Ω		morning rise	-4807 Dec 30 j 15:15	26° \mathbb{M} 50'56
evening rise	-4809 Sep 03 j 09:55	13° Ω 47'52		direct	-4806 Jan 15 j 17:45	21° \mathbb{M} 44'33
	-4809 Sep 16 j 07:11	0° η		greatest brilliancy	-4806 Jan 26 j 08:30	23° \mathbb{M} 49'34 -4.5m
desc. node	-4809 Oct 04 j 22:27	23° η 22'28		-4806 Feb 07 j 04:03	0° \mathcal{A}	
	-4809 Oct 10 j 05:36	0° $\underline{\Omega}$		morning max el	-4806 Mar 05 j 16:12	21° \mathcal{A} 58'16 45°56'44
	-4809 Nov 03 j 07:33	0° \mathbb{M}		-4806 Mar 13 j 20:43	0° \mathcal{C}	
	-4809 Nov 27 j 14:35	0° \mathcal{A}		desc. node	-4806 Mar 21 j 19:10	8° \mathcal{C} 07'07
	-4809 Dec 22 j 05:59	0° \mathcal{C}		-4806 Apr 11 j 03:21	0° \approx	
	-4808 Jan 16 j 12:46	0° \approx		-4806 May 07 j 14:37	0° Υ	
asc. node	-4808 Jan 25 j 15:18	10° \approx 30'36		-4806 Jun 02 j 02:50	0° Υ	
	-4808 Feb 12 j 01:58	0° Υ		-4806 Jun 26 j 23:07	0° Υ	
evening max el	-4808 Mar 07 j 17:52	25° Υ 21'34	45°06'02	asc. node	-4806 Jul 12 j 13:23	19° Υ 09'26
	-4808 Mar 12 j 17:18	0° Υ		-4806 Jul 21 j 07:20	0° Π	
greatest brilliancy	-4808 Apr 11 j 06:12	21° Υ 13'38	-4.5m	greatest brilliancy	-4806 Aug 05 j 13:02	19° Π 01'21 -3.9m
retrograde	-4808 Apr 24 j 21:42	24° Υ 26'32		-4806 Aug 14 j 06:54	0° \ominus	
evening set	-4808 May 09 j 19:28	20° Υ 12'42		morning set	-4806 Aug 29 j 20:33	19° \ominus 37'31
inferior conj	-4808 May 16 j 05:36	16° Υ 26'59	0°05'39	-4806 Sep 07 j 01:40	0° Ω	
minimum elong	-4808 May 16 j 05:49	16° Υ 26'39	0°05'39	-4806 Sep 30 j 19:24	0° η	
transit middle	-4808 May 16 j 05:49	16° Υ 26'39	0°05'39			
transit begin	-4808 May 16 j 01:59	16° Υ 32'33		superior conj	-4806 Oct 09 j 08:17	10° η 46'11 0°50'18
transit end	-4808 May 16 j 09:39	16° Υ 20'46		minimum elong	-4806 Oct 09 j 19:25	11° η 21'14 0°49'58
desc. node	-4808 May 16 j 15:19	16° Υ 12'03		max. Earth dist.	-4806 Oct 13 j 06:58	15° η 44'29 1.70923 AU
min. Earth dist.	-4808 May 16 j 22:26	16° Υ 01'08	0.28598 AU	-4806 Oct 24 j 14:53	0° $\underline{\Omega}$	
morning rise	-4808 May 22 j 15:26	12° Υ 39'47		desc. node	-4806 Nov 01 j 11:03	9° $\underline{\Omega}$ 50'42
direct	-4808 Jun 06 j 22:16	8° Υ 12'15		-4806 Nov 17 j 13:27	0° \mathbb{M}	
greatest brilliancy	-4808 Jun 21 j 18:46	12° Υ 02'27	-4.5m	evening rise	-4806 Nov 21 j 02:46	4° \mathbb{M} 26'23
	-4808 Jul 16 j 16:36	0° Υ		-4806 Dec 11 j 15:34	0° \mathcal{A}	
morning max el	-4808 Jul 26 j 18:02	9° Υ 30'33	46°25'27	-4805 Jan 04 j 21:53	0° \mathcal{C}	
	-4808 Aug 15 j 06:40	0° Π		-4805 Jan 29 j 10:11	0° \approx	
asc. node	-4808 Sep 06 j 10:51	25° Π 18'25		asc. node	-4805 Feb 22 j 03:20	28° \approx 35'06

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4805 Feb 23 j 07:47	0° H				-4803 Jul 10 j 00:10	0° B		
	-4805 Mar 20 j 19:52	0° Y				-4803 Aug 04 j 02:34	0° II		
	-4805 Apr 16 j 07:43	0° B		asc. node		-4803 Aug 09 j 01:16	6° II 01'47		
	-4805 May 14 j 20:32	0° II				-4803 Aug 28 j 11:27	0° S		
evening max el	-4805 May 19 j 10:32	4° II 27'13	45°40'56			-4803 Sep 21 j 10:38	0° Q		
desc. node	-4805 Jun 14 j 02:49	25° II 48'09				-4803 Oct 15 j 06:15	0° m		
	-4805 Jun 21 j 05:07	0° S				-4803 Nov 08 j 02:37	0° A		
greatest brilliancy	-4805 Jun 26 j 14:29	2° S 24'10	-4.5m	morning set		-4803 Nov 14 j 13:47	8° A 06'35		
retrograde	-4805 Jul 07 j 12:45	4° S 31'55		desc. node		-4803 Nov 28 j 23:39	26° A 08'23		
	-4805 Jul 23 j 01:06	30° R II				-4803 Dec 02 j 01:53	0° M		
evening set	-4805 Jul 24 j 14:01	29° II 08'27				-4803 Dec 26 j 04:28	0° J		
inferior conj	-4805 Jul 28 j 11:18	26° II 50'01	-8°-20'-33						
minimum elong	-4805 Jul 28 j 04:11	27° II 00'47	8°19'33	superior conj		-4803 Dec 26 j 13:14	0° J 27'13	0°-57'-45	
min. Earth dist.	-4805 Jul 28 j 17:17	26° II 40'58	0.27300 AU	minimum elong		-4803 Dec 26 j 02:22	29° M 53'29	0°57'36	
morning rise	-4805 Jul 31 j 18:09	24° II 52'01		max. Earth dist.		-4803 Dec 30 j 16:40	5° J 35'33	1.72399 AU	
direct	-4805 Aug 18 j 09:05	19° II 02'34				-4802 Jan 19 j 10:00	0° B		
greatest brilliancy	-4805 Aug 31 j 23:53	22° II 24'52	-4.7m	evening rise		-4802 Feb 03 j 23:23	19° B 11'03		
	-4805 Sep 13 j 07:35	0° S				-4802 Feb 12 j 18:24	0° \approx		
asc. node	-4805 Oct 04 j 22:04	19° S 10'41				-4802 Mar 09 j 06:15	0° H		
morning max el	-4805 Oct 08 j 02:18	22° S 23'41	46°51'05	asc. node		-4802 Mar 21 j 15:40	15° H 05'55		
	-4805 Oct 15 j 08:34	0° Q				-4802 Apr 02 j 22:34	0° Y		
	-4805 Nov 11 j 01:37	0° m				-4802 Apr 27 j 20:46	0° B		
	-4805 Dec 06 j 10:42	0° A				-4802 May 23 j 03:07	0° II		
	-4805 Dec 31 j 09:51	0° M				-4802 Jun 17 j 22:45	0° S		
desc. node	-4804 Jan 24 j 22:03	29° M 35'31		desc. node		-4802 Jul 11 j 14:07	26° S 26'19		
	-4804 Jan 25 j 06:09	0° J				-4802 Jul 14 j 21:07	0° Q		
	-4804 Feb 19 j 01:06	0° B		evening max el		-4802 Aug 01 j 02:48	17° Q 52'55	47°11'38	
	-4804 Mar 14 j 18:12	0° \approx				-4802 Aug 13 j 23:13	0° m		
	-4804 Apr 08 j 08:40	0° H		greatest brilliancy		-4802 Sep 09 j 20:43	18° m 16'46	-4.7m	
morning set	-4804 Apr 10 j 09:57	2° H 30'40		retrograde		-4802 Sep 20 j 15:22	20° m 28'07		
	-4804 May 02 j 19:55	0° Y		evening set		-4802 Oct 06 j 07:01	15° m 39'26		
max. Earth dist.	-4804 May 12 j 10:13	11° Y 48'56	1.73311 AU	inferior conj		-4802 Oct 11 j 05:25	12° m 43'32	-5°-7'-31	
				minimum elong		-4802 Oct 11 j 15:16	12° m 28'30	5°04'48	
superior conj	-4804 May 16 j 02:59	16° Y 22'38	0°-1'-9	min. Earth dist.		-4802 Oct 11 j 05:03	12° m 44'06	0.26413 AU	
minimum elong	-4804 May 16 j 03:11	16° Y 23'13	0°01'06	morning rise		-4802 Oct 16 j 23:31	9° m 20'48		
behind sun begin	-4804 May 15 j 05:14	15° Y 15'33		direct		-4802 Oct 31 j 09:59	5° m 08'24		
behind sun end	-4804 May 17 j 01:07	17° Y 30'53		asc. node		-4802 Nov 01 j 09:13	5° m 09'33		
asc. node	-4804 May 16 j 14:44	16° Y 58'51		greatest brilliancy		-4802 Nov 12 j 08:03	7° m 48'54	-4.7m	
	-4804 May 27 j 03:40	0° B				-4802 Dec 12 j 13:05	0° A		
	-4804 Jun 20 j 08:11	0° II		morning max el		-4802 Dec 20 j 15:48	7° A 52'43	46°32'30	
evening rise	-4804 Jun 20 j 19:17	0° II 34'32				-4801 Jan 10 j 16:43	0° M		
	-4804 Jul 14 j 10:33	0° S				-4801 Feb 06 j 11:06	0° J		
	-4804 Aug 07 j 12:39	0° Q		desc. node		-4801 Feb 21 j 09:50	17° J 13'24		
	-4804 Aug 31 j 16:38	0° m				-4801 Mar 04 j 08:54	0° B		
desc. node	-4804 Sep 05 j 12:04	5° m 57'07				-4801 Mar 29 j 19:08	0° \approx		
	-4804 Sep 25 j 00:40	0° A				-4801 Apr 23 j 20:29	0° H		
	-4804 Oct 19 j 15:47	0° M				-4801 May 18 j 13:51	0° Y		
	-4804 Nov 13 j 20:40	0° J				-4801 Jun 11 j 23:46	0° B		
	-4804 Dec 10 j 09:01	0° B		asc. node		-4801 Jun 14 j 03:14	2° B 39'06		
evening max el	-4804 Dec 24 j 12:10	14° B 45'02	46°05'52	morning set		-4801 Jun 17 j 06:04	6° B 30'42		
asc. node	-4804 Dec 27 j 05:49	17° B 27'21				-4801 Jul 06 j 03:09	0° II		
	-4803 Jan 09 j 23:36	0° \approx		max. Earth dist.		-4801 Jul 20 j 13:13	18° II 02'42	1.71642 AU	
greatest brilliancy	-4803 Jan 28 j 01:21	12° \approx 23'36	-4.5m						
retrograde	-4803 Feb 12 j 01:39	16° \approx 24'48		superior conj		-4801 Jul 24 j 05:12	22° II 38'40	1°15'45	
evening set	-4803 Mar 01 j 15:22	10° \approx 29'57		minimum elong		-4801 Jul 23 j 21:55	22° II 15'47	1°15'50	
inferior conj	-4803 Mar 05 j 13:10	8° \approx 02'43	7°40'13			-4801 Jul 30 j 01:44	0° S		
minimum elong	-4803 Mar 05 j 19:03	7° \approx 53'19	7°39'27			-4801 Aug 22 j 21:58	0° Q		
min. Earth dist.	-4803 Mar 05 j 19:34	7° \approx 52'29	0.29408 AU	evening rise		-4801 Aug 31 j 21:06	11° Q 17'05		
morning rise	-4803 Mar 09 j 22:44	5° \approx 17'20				-4801 Sep 15 j 18:22	0° m		
	-4803 Mar 22 j 15:58	30° R B		desc. node		-4801 Oct 04 j 00:35	22° m 53'44		
direct	-4803 Mar 27 j 06:16	29° B 35'03				-4801 Oct 09 j 16:56	0° A		
	-4803 Mar 31 j 23:30	0° \approx				-4801 Nov 02 j 19:04	0° M		
greatest brilliancy	-4803 Apr 09 j 04:47	2° \approx 30'28	-4.5m			-4801 Nov 27 j 02:23	0° J		
desc. node	-4803 Apr 18 j 06:15	7° \approx 21'26				-4801 Dec 21 j 18:17	0° B		
morning max el	-4803 May 15 j 03:08	29° \approx 21'16	45°53'09			-4800 Jan 16 j 02:10	0° \approx		
	-4803 May 15 j 19:19	0° H		asc. node		-4800 Jan 24 j 17:21	9° \approx 56'16		
	-4803 Jun 13 j 16:09	0° Y				-4800 Feb 11 j 18:03	0° H		

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4800 Mar 05 j 10:27	23° X 13'48	45°06'27		-4798 Aug 13 j 18:05	0° S	
	-4800 Mar 12 j 18:33	0° Y		morning set	-4798 Aug 27 j 09:05	17° S 10'20	
greatest brilliancy	-4800 Apr 08 j 20:28	19° Y 03'05	-4.5m		-4798 Sep 06 j 12:50	0° Q	
retrograde	-4800 Apr 22 j 13:23	22° Y 17'05			-4798 Sep 30 j 06:35	0° R	
evening set	-4800 May 07 j 12:09	18° Y 01'54					
inferior conj	-4800 May 13 j 21:21	14° Y 16'45	0°25'41	superior conj	-4798 Oct 06 j 17:37	8° R 09'02	0°53'26
minimum elong	-4800 May 13 j 22:18	14° Y 15'17	0°25'26	minimum elong	-4798 Oct 07 j 04:57	8° R 44'46	0°53'07
min. Earth dist.	-4800 May 14 j 14:18	13° Y 50'40	0.28645 AU	max. Earth dist.	-4798 Oct 10 j 09:06	12° R 44'45	1.70897 AU
desc. node	-4800 May 15 j 17:37	13° Y 08'48			-4798 Oct 24 j 02:06	0° L	
morning rise	-4800 May 20 j 07:48	10° Y 28'24		desc. node	-4798 Oct 31 j 13:15	9° L 22'25	
direct	-4800 Jun 04 j 15:08	6° Y 01'19			-4798 Nov 17 j 00:42	0° M	
greatest brilliancy	-4800 Jun 19 j 09:53	9° Y 49'53	-4.5m	evening rise	-4798 Nov 18 j 11:44	1° M 49'24	
	-4800 Jul 16 j 19:03	0° X			-4798 Dec 11 j 02:52	0° X	
morning max el	-4800 Jul 24 j 09:39	7° X 16'05	46°24'02		-4797 Jan 04 j 09:17	0° Z	
	-4800 Aug 14 j 23:39	0° I			-4797 Jan 28 j 21:50	0° \approx	
asc. node	-4800 Sep 05 j 13:02	24° I 42'16		asc. node	-4797 Feb 21 j 05:30	28° \approx 05'19	
	-4800 Sep 10 j 00:26	0° S			-4797 Feb 22 j 19:59	0° X	
	-4800 Oct 04 j 19:31	0° Q			-4797 Mar 20 j 09:11	0° Y	
	-4800 Oct 29 j 02:11	0° R			-4797 Apr 15 j 23:26	0° X	
	-4800 Nov 22 j 05:35	0° L			-4797 May 14 j 18:43	0° I	
	-4800 Dec 16 j 10:15	0° M		evening max el	-4797 May 16 j 23:18	2° I 06'35	45°38'12
desc. node	-4800 Dec 26 j 12:02	12° M 27'06		desc. node	-4797 Jun 13 j 04:51	24° I 26'43	
	-4799 Jan 09 j 17:27	0° X		greatest brilliancy	-4797 Jun 24 j 01:45	0° S 00'42	-4.5m
morning set	-4799 Jan 29 j 06:27	24° X 03'07			-4797 Jun 24 j 01:00	0° S	
	-4799 Feb 03 j 02:35	0° Z		retrograde	-4797 Jul 05 j 00:54	2° S 09'43	
	-4799 Feb 27 j 12:41	0° \approx			-4797 Jul 15 j 14:27	30° R I	
				evening set	-4797 Jul 21 j 22:57	26° I 51'39	
superior conj	-4799 Mar 08 j 01:56	10° \approx 29'57	-1°-15'-58	inferior conj	-4797 Jul 26 j 00:26	24° I 27'26	-8°-11'-29
minimum elong	-4799 Mar 08 j 08:32	10° \approx 50'13	1°16'04	minimum elong	-4797 Jul 25 j 16:39	24° I 39'11	8°10'20
max. Earth dist.	-4799 Mar 08 j 06:05	10° \approx 42'43	1.73656 AU	min. Earth dist.	-4797 Jul 26 j 06:48	24° I 17'48	0.27347 AU
	-4799 Mar 23 j 23:12	0° X		morning rise	-4797 Jul 29 j 10:05	22° I 25'19	
evening rise	-4799 Apr 13 j 09:24	25° X 03'56		direct	-4797 Aug 15 j 22:22	16° I 38'50	
	-4799 Apr 17 j 09:55	0° Y		greatest brilliancy	-4797 Aug 29 j 16:27	20° I 04'05	-4.7m
asc. node	-4799 Apr 18 j 04:19	0° Y 56'26			-4797 Sep 14 j 00:52	0° S	
greatest brilliancy	-4799 Apr 21 j 23:26	5° Y 35'55	-3.9m	asc. node	-4797 Oct 04 j 00:20	18° S 16'29	
	-4799 May 11 j 20:52	0° X		morning max el	-4797 Oct 05 j 14:54	19° S 54'37	46°50'57
	-4799 Jun 05 j 08:25	0° I			-4797 Oct 15 j 04:42	0° Q	
	-4799 Jun 29 j 21:42	0° S			-4797 Nov 10 j 17:20	0° R	
	-4799 Jul 24 j 15:02	0° Q			-4797 Dec 06 j 00:31	0° L	
desc. node	-4799 Aug 08 j 01:55	17° Q 22'04			-4797 Dec 30 j 22:35	0° M	
	-4799 Aug 18 j 16:32	0° R		desc. node	-4796 Jan 24 j 00:06	29° M 05'16	
	-4799 Sep 13 j 10:28	0° L			-4796 Jan 24 j 18:12	0° X	
	-4799 Oct 10 j 20:11	0° M			-4796 Feb 18 j 12:39	0° Z	
evening max el	-4799 Oct 12 j 11:29	1° M 41'03	47°29'54		-4796 Mar 14 j 05:24	0° \approx	
	-4799 Nov 14 j 17:55	0° X			-4796 Apr 07 j 19:39	0° X	
greatest brilliancy	-4799 Nov 18 j 18:25	2° X 09'17	-4.7m	morning set	-4796 Apr 08 j 05:00	0° X 28'34	
asc. node	-4799 Nov 28 j 20:36	5° X 26'03			-4796 May 02 j 06:48	0° Y	
retrograde	-4799 Dec 02 j 14:20	5° X 43'00		max. Earth dist.	-4796 May 10 j 08:09	9° Y 55'09	1.73351 AU
evening set	-4799 Dec 17 j 23:39	0° X 53'41					
	-4799 Dec 19 j 11:49	30° R M		superior conj	-4796 May 13 j 22:17	14° Y 20'35	0°-4'-11
min. Earth dist.	-4799 Dec 22 j 10:22	28° M 09'51	0.27810 AU	minimum elong	-4796 May 13 j 23:05	14° Y 23'05	0°04'06
inferior conj	-4799 Dec 23 j 12:53	27° M 27'38	5°32'54	behind sun begin	-4796 May 13 j 01:40	13° Y 17'03	
minimum elong	-4799 Dec 23 j 03:48	27° M 42'07	5°30'39	behind sun end	-4796 May 14 j 20:30	15° Y 29'07	
morning rise	-4799 Dec 28 j 08:50	24° M 28'55		asc. node	-4796 May 15 j 16:54	16° Y 32'02	
direct	-4798 Jan 13 j 08:21	19° M 27'39			-4796 May 26 j 14:34	0° X	
greatest brilliancy	-4798 Jan 23 j 21:36	21° M 31'20	-4.5m	evening rise	-4796 Jun 18 j 14:00	28° X 29'18	
	-4798 Feb 08 j 02:22	0° X			-4796 Jun 19 j 19:13	0° I	
morning max el	-4798 Mar 03 j 06:37	19° X 43'31	45°57'35		-4796 Jul 13 j 21:51	0° S	
	-4798 Mar 13 j 16:22	0° Z			-4796 Aug 07 j 00:18	0° Q	
desc. node	-4798 Mar 20 j 21:18	7° Z 26'04			-4796 Aug 31 j 04:41	0° R	
	-4798 Apr 10 j 18:10	0° \approx		desc. node	-4796 Sep 04 j 14:14	5° R 26'15	
	-4798 May 07 j 03:31	0° X			-4796 Sep 24 j 13:14	0° L	
	-4798 Jun 01 j 14:48	0° Y			-4796 Oct 19 j 05:07	0° M	
	-4798 Jun 26 j 10:38	0° X			-4796 Nov 13 j 11:24	0° X	
asc. node	-4798 Jul 11 j 15:26	18° X 40'44			-4796 Dec 10 j 03:06	0° Z	
	-4798 Jul 20 j 18:36	0° I		evening max el	-4796 Dec 22 j 02:54	12° Z 27'52	46°09'06
greatest brilliancy	-4798 Aug 06 j 12:46	20° I 55'51	-3.9m	asc. node	-4796 Dec 26 j 07:52	16° Z 36'27	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4795 Jan 10 j 08:09	0°≈		max. Earth dist.	-4793 Jul 18 j 00:47	15°Ⅱ33'35	1.71696 AU
greatest brilliancy	-4795 Jan 25 j 17:11	10°≈13'15	-4.5m				
retrograde	-4795 Feb 09 j 19:08	14°≈17'09		superior conj	-4793 Jul 21 j 21:10	20°Ⅱ23'11	1°14'14
evening set	-4795 Feb 27 j 10:03	8°≈19'13		minimum elong	-4793 Jul 21 j 13:29	19°Ⅱ59'04	1°14'19
inferior conj	-4795 Mar 03 j 06:20	5°≈54'23	7°46'37		-4793 Jul 29 j 12:55	0°☾	
minimum elong	-4795 Mar 03 j 11:42	5°≈45'50	7°45'57		-4793 Aug 22 j 09:15	0°♌	
min. Earth dist.	-4795 Mar 03 j 11:34	5°≈46'02	0.29398 AU	evening rise	-4793 Aug 29 j 08:57	8°♌47'43	
morning rise	-4795 Mar 07 j 13:22	3°≈12'57			-4793 Sep 15 j 05:47	0°♍	
	-4795 Mar 13 j 14:29	30°♌☾		desc. node	-4793 Oct 03 j 02:45	22°♍24'18	
direct	-4795 Mar 24 j 22:38	27°☾26'45			-4793 Oct 09 j 04:34	0°♎	
	-4795 Apr 05 j 23:37	0°≈			-4793 Nov 02 j 06:57	0°♏	
greatest brilliancy	-4795 Apr 06 j 20:22	0°≈21'26	-4.5m		-4793 Nov 26 j 14:37	0°♐	
desc. node	-4795 Apr 17 j 08:30	6°≈07'27			-4793 Dec 21 j 07:07	0°♑	
morning max el	-4795 May 12 j 19:57	27°≈13'15	45°52'46		-4792 Jan 15 j 16:12	0°≈	
	-4795 May 15 j 17:07	0°♒		asc. node	-4792 Jan 23 j 19:34	9°≈20'44	
	-4795 Jun 13 j 07:46	0°♓			-4792 Feb 11 j 10:58	0°♒	
	-4795 Jul 09 j 13:36	0°♑		evening max el	-4792 Mar 03 j 02:31	21°♒03'20	45°07'05
	-4795 Aug 03 j 15:00	0°Ⅱ			-4792 Mar 12 j 21:53	0°♓	
asc. node	-4795 Aug 08 j 03:29	5°Ⅱ30'56		greatest brilliancy	-4792 Apr 06 j 11:42	16°♓52'30	-4.5m
	-4795 Aug 27 j 23:23	0°☾		retrograde	-4792 Apr 20 j 04:42	20°♓06'36	
	-4795 Sep 20 j 22:20	0°♌		evening set	-4792 May 05 j 05:01	15°♓49'59	
	-4795 Oct 14 j 17:50	0°♍		inferior conj	-4792 May 11 j 13:09	12°♓05'39	0°45'29
	-4795 Nov 07 j 14:06	0°♎		minimum elong	-4792 May 11 j 14:49	12°♓03'05	0°45'02
morning set	-4795 Nov 11 j 23:19	5°♎30'04		min. Earth dist.	-4792 May 12 j 06:25	11°♓39'00	0.28687 AU
desc. node	-4795 Nov 28 j 01:42	25°♎39'13		desc. node	-4792 May 14 j 19:40	10°♓05'36	
	-4795 Dec 01 j 13:16	0°♏		morning rise	-4792 May 18 j 00:00	8°♓16'13	
				direct	-4792 Jun 02 j 07:38	3°♓49'35	
superior conj	-4795 Dec 24 j 00:32	27°♏58'21	0°-55'00	greatest brilliancy	-4792 Jun 17 j 00:31	7°♓35'42	-4.5m
minimum elong	-4795 Dec 23 j 13:41	27°♏24'39	0°54'50		-4792 Jul 16 j 20:31	0°♑	
	-4795 Dec 25 j 15:44	0°♐		morning max el	-4792 Jul 22 j 00:28	4°♑58'54	46°22'45
max. Earth dist.	-4795 Dec 28 j 04:21	3°♐08'03	1.72340 AU		-4792 Aug 14 j 16:35	0°Ⅱ	
	-4794 Jan 18 j 21:13	0°☾		asc. node	-4792 Sep 04 j 15:13	24°Ⅱ05'44	
evening rise	-4794 Feb 01 j 14:23	16°☾55'01			-4792 Sep 09 j 14:41	0°☾	
	-4794 Feb 12 j 05:38	0°≈			-4792 Oct 04 j 08:32	0°♌	
	-4794 Mar 08 j 17:36	0°♒			-4792 Oct 28 j 14:31	0°♍	
asc. node	-4794 Mar 20 j 17:55	14°♒37'47			-4792 Nov 21 j 17:30	0°♎	
	-4794 Apr 02 j 10:15	0°♓			-4792 Dec 15 j 21:54	0°♏	
	-4794 Apr 27 j 09:03	0°♑		desc. node	-4792 Dec 25 j 14:04	11°♏57'45	
	-4794 May 22 j 16:26	0°Ⅱ			-4791 Jan 09 j 04:53	0°♐	
	-4794 Jun 17 j 13:54	0°☾		morning set	-4791 Jan 26 j 20:40	21°♐44'35	
desc. node	-4794 Jul 10 j 16:13	25°☾42'25			-4791 Feb 02 j 13:49	0°☾	
	-4794 Jul 14 j 16:10	0°♌			-4791 Feb 26 j 23:47	0°≈	
evening max el	-4794 Jul 29 j 16:34	15°♌29'04	47°09'02				
	-4794 Aug 14 j 07:53	0°♍		superior conj	-4791 Mar 05 j 19:18	8°≈21'54	-1°-17'-12
greatest brilliancy	-4794 Sep 07 j 09:13	15°♍46'22	-4.7m	minimum elong	-4791 Mar 06 j 01:29	8°≈40'51	1°17'19
retrograde	-4794 Sep 18 j 04:05	17°♍57'25		max. Earth dist.	-4791 Mar 06 j 03:48	8°≈48'01	1.73633 AU
evening set	-4794 Oct 03 j 22:20	13°♍04'25			-4791 Mar 23 j 10:15	0°♒	
inferior conj	-4794 Oct 08 j 17:35	10°♍13'06	-5°-27'-20	evening rise	-4791 Apr 11 j 04:17	23°♒00'29	
minimum elong	-4794 Oct 09 j 03:48	9°♍57'33	5°24'37		-4791 Apr 16 j 21:03	0°♓	
min. Earth dist.	-4794 Oct 08 j 17:49	10°♍12'44	0.26421 AU	asc. node	-4791 Apr 17 j 06:24	0°♓28'43	
morning rise	-4794 Oct 14 j 09:18	6°♍54'06		greatest brilliancy	-4791 Apr 22 j 09:27	6°♓46'02	-3.9m
direct	-4794 Oct 28 j 22:57	2°♍38'05			-4791 May 11 j 08:13	0°♑	
asc. node	-4794 Oct 31 j 11:27	2°♍45'52			-4791 Jun 04 j 20:08	0°Ⅱ	
greatest brilliancy	-4794 Nov 09 j 21:40	5°♍20'03	-4.7m		-4791 Jun 29 j 09:58	0°☾	
	-4794 Dec 12 j 15:57	0°♎			-4791 Jul 24 j 04:05	0°♌	
morning max el	-4794 Dec 18 j 06:29	5°♎30'28	46°33'38	desc. node	-4791 Aug 07 j 04:07	16°♌47'46	
	-4793 Jan 10 j 10:28	0°♏			-4791 Aug 18 j 06:48	0°♍	
	-4793 Feb 06 j 01:44	0°♐			-4791 Sep 13 j 02:58	0°♎	
desc. node	-4793 Feb 20 j 12:03	16°♐19'40'14		evening max el	-4791 Oct 10 j 02:37	29°♎19'48	47°31'21
	-4793 Mar 03 j 21:59	0°☾			-4791 Oct 10 j 18:22	0°♏	
	-4793 Mar 29 j 07:18	0°≈		greatest brilliancy	-4791 Nov 16 j 13:09	29°♏53'10	-4.7m
	-4793 Apr 23 j 08:06	0°♒			-4791 Nov 16 j 18:54	0°♐	
	-4793 May 18 j 01:09	0°♓		asc. node	-4791 Nov 27 j 22:36	3°♐16'29	
	-4793 Jun 11 j 10:55	0°♑		retrograde	-4791 Nov 30 j 05:28	3°♐22'52	
asc. node	-4793 Jun 13 j 05:15	2°♑10'50			-4791 Dec 13 j 00:12	30°♒♏	
morning set	-4793 Jun 14 j 23:53	4°♑22'47		evening set	-4791 Dec 15 j 12:41	28°♒37'46	
	-4793 Jul 05 j 14:17	0°Ⅱ		min. Earth dist.	-4791 Dec 20 j 01:43	25°♒50'40	0.27733 AU

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4791 Dec 21 j 04:03	25° \mathbb{M} 08'43	5°17'13	asc. node	-4788 May 14 j 18:55	16° Υ 04'44	
minimum elong	-4791 Dec 20 j 19:06	25° \mathbb{M} 23'00	5°14'54		-4788 May 26 j 01:27	0° \mathcal{B}	
morning rise	-4791 Dec 26 j 02:23	22° \mathbb{M} 06'27		evening rise	-4788 Jun 16 j 08:26	26° \mathcal{B} 23'19	
direct	-4790 Jan 10 j 22:34	17° \mathbb{M} 10'08			-4788 Jun 19 j 06:14	0° \mathbb{I}	
greatest brilliancy	-4790 Jan 21 j 11:50	19° \mathbb{M} 13'35	-4.5m		-4788 Jul 13 j 09:06	0° \mathfrak{S}	
	-4790 Feb 08 j 19:14	0° \mathcal{A}			-4788 Aug 06 j 11:52	0° \mathcal{Q}	
morning max el	-4790 Feb 28 j 20:20	17° \mathcal{A} 26'04	45°58'19		-4788 Aug 30 j 16:40	0° \mathfrak{M}	
	-4790 Mar 13 j 11:46	0° \mathfrak{Z}		desc. node	-4788 Sep 03 j 16:21	4° \mathfrak{M} 55'33	
desc. node	-4790 Mar 19 j 23:29	6° \mathfrak{Z} 44'46			-4788 Sep 24 j 01:44	0° \mathfrak{L}	
	-4790 Apr 10 j 09:08	0° \mathfrak{X}			-4788 Oct 18 j 18:25	0° \mathbb{M}	
	-4790 May 06 j 16:38	0° \mathfrak{X}			-4788 Nov 13 j 02:09	0° \mathcal{A}	
	-4790 Jun 01 j 02:58	0° Υ			-4788 Dec 09 j 21:26	0° \mathfrak{Z}	
	-4790 Jun 25 j 22:17	0° \mathcal{B}		evening max el	-4788 Dec 19 j 18:34	10° \mathfrak{Z} 13'32	46°12'27
asc. node	-4790 Jul 10 j 17:35	18° \mathcal{B} 12'01		asc. node	-4788 Dec 25 j 10:08	15° \mathfrak{Z} 45'49	
	-4790 Jul 20 j 06:00	0° \mathbb{I}			-4787 Jan 10 j 19:22	0° \mathfrak{X}	
greatest brilliancy	-4790 Aug 07 j 03:02	22° \mathbb{I} 20'27	-3.9m	greatest brilliancy	-4787 Jan 23 j 09:24	8° \mathfrak{X} 04'07	-4.5m
	-4790 Aug 13 j 05:22	0° \mathfrak{S}		retrograde	-4787 Feb 07 j 13:01	12° \mathfrak{X} 10'09	
morning set	-4790 Aug 24 j 21:37	14° \mathfrak{S} 42'50		evening set	-4787 Feb 25 j 04:36	6° \mathfrak{X} 09'29	
	-4790 Sep 06 j 00:06	0° \mathcal{Q}		inferior conj	-4787 Feb 28 j 23:32	3° \mathfrak{X} 46'43	7°52'22
	-4790 Sep 29 j 17:52	0° \mathfrak{M}		minimum elong	-4787 Mar 01 j 04:20	3° \mathfrak{X} 39'03	7°51'47
				min. Earth dist.	-4787 Mar 01 j 03:10	3° \mathfrak{X} 40'53	0.29387 AU
superior conj	-4790 Oct 04 j 03:10	5° \mathfrak{M} 32'14	0°56'26	morning rise	-4787 Mar 05 j 04:08	1° \mathfrak{X} 09'06	
minimum elong	-4790 Oct 04 j 14:38	6° \mathfrak{M} 08'25	0°56'08		-4787 Mar 07 j 03:22	30° \mathcal{R} \mathfrak{Z}	
max. Earth dist.	-4790 Oct 07 j 08:19	9° \mathfrak{M} 35'29	1.70874 AU	direct	-4787 Mar 22 j 15:31	25° \mathfrak{Z} 19'17	
	-4790 Oct 23 j 13:23	0° \mathfrak{L}		greatest brilliancy	-4787 Apr 04 j 11:14	28° \mathfrak{Z} 12'27	-4.5m
desc. node	-4790 Oct 30 j 15:15	8° \mathfrak{L} 53'19			-4787 Apr 08 j 06:29	0° \mathfrak{X}	
evening rise	-4790 Nov 15 j 20:51	29° \mathfrak{L} 12'44		desc. node	-4787 Apr 16 j 10:33	4° \mathfrak{X} 56'03	
	-4790 Nov 16 j 11:59	0° \mathbb{M}		morning max el	-4787 May 10 j 13:13	25° \mathfrak{X} 07'01	45°52'11
	-4790 Dec 10 j 14:10	0° \mathcal{A}			-4787 May 15 j 13:54	0° \mathfrak{X}	
	-4789 Jan 03 j 20:42	0° \mathfrak{Z}			-4787 Jun 12 j 23:01	0° Υ	
	-4789 Jan 28 j 09:33	0° \mathfrak{X}			-4787 Jul 09 j 02:49	0° \mathcal{B}	
asc. node	-4789 Feb 20 j 07:40	27° \mathfrak{X} 35'09			-4787 Aug 03 j 03:16	0° \mathbb{I}	
	-4789 Feb 22 j 08:19	0° \mathfrak{X}		asc. node	-4787 Aug 07 j 05:42	5° \mathbb{I} 00'31	
	-4789 Mar 19 j 22:45	0° Υ			-4787 Aug 27 j 11:09	0° \mathfrak{S}	
	-4789 Apr 15 j 15:35	0° \mathcal{B}			-4787 Sep 20 j 09:50	0° \mathcal{Q}	
evening max el	-4789 May 14 j 12:07	29° \mathcal{B} 45'49	45°35'41		-4787 Oct 14 j 05:10	0° \mathfrak{M}	
	-4789 May 14 j 18:04	0° \mathbb{I}			-4787 Nov 07 j 01:19	0° \mathfrak{L}	
desc. node	-4789 Jun 12 j 06:57	23° \mathbb{I} 02'18		morning set	-4787 Nov 09 j 08:54	2° \mathfrak{L} 54'24	
greatest brilliancy	-4789 Jun 21 j 12:00	27° \mathbb{I} 35'54	-4.5m	desc. node	-4787 Nov 27 j 03:44	25° \mathfrak{L} 10'45	
retrograde	-4789 Jul 02 j 13:32	29° \mathbb{I} 47'26			-4787 Dec 01 j 00:23	0° \mathbb{M}	
evening set	-4789 Jul 19 j 07:45	24° \mathbb{I} 34'32					
inferior conj	-4789 Jul 23 j 13:28	22° \mathbb{I} 04'36	-8°-1'-36	superior conj	-4787 Dec 21 j 11:42	25° \mathbb{M} 29'38	0°-52'-9
minimum elong	-4789 Jul 23 j 05:05	22° \mathbb{I} 17'15	8°00'17	minimum elong	-4787 Dec 21 j 00:57	24° \mathbb{M} 56'13	0°51'57
min. Earth dist.	-4789 Jul 23 j 19:56	21° \mathbb{I} 54'49	0.27391 AU		-4787 Dec 25 j 02:46	0° \mathcal{A}	
morning rise	-4789 Jul 27 j 02:07	19° \mathbb{I} 58'18		max. Earth dist.	-4787 Dec 25 j 17:36	0° \mathcal{A} 46'04	1.72281 AU
direct	-4789 Aug 13 j 11:48	14° \mathbb{I} 14'52			-4786 Jan 18 j 08:10	0° \mathfrak{Z}	
greatest brilliancy	-4789 Aug 27 j 09:16	17° \mathbb{I} 43'47	-4.6m	evening rise	-4786 Jan 30 j 05:24	14° \mathfrak{Z} 39'48	
	-4789 Sep 14 j 13:52	0° \mathfrak{S}			-4786 Feb 11 j 16:34	0° \mathfrak{X}	
morning max el	-4789 Oct 03 j 04:20	17° \mathfrak{S} 27'53	46°50'48		-4786 Mar 08 j 04:40	0° \mathfrak{X}	
asc. node	-4789 Oct 03 j 02:28	17° \mathfrak{S} 23'07		asc. node	-4786 Mar 19 j 20:01	14° \mathfrak{X} 10'08	
	-4789 Oct 15 j 00:15	0° \mathcal{Q}			-4786 Apr 01 j 21:38	0° Υ	
	-4789 Nov 10 j 08:47	0° \mathfrak{M}			-4786 Apr 26 j 21:05	0° \mathcal{B}	
	-4789 Dec 05 j 14:09	0° \mathfrak{L}			-4786 May 22 j 05:36	0° \mathbb{I}	
	-4789 Dec 30 j 11:11	0° \mathbb{M}			-4786 Jun 17 j 05:04	0° \mathfrak{S}	
desc. node	-4788 Jan 23 j 02:20	28° \mathbb{M} 35'59		desc. node	-4786 Jul 09 j 18:26	24° \mathfrak{S} 58'36	
	-4788 Jan 24 j 06:05	0° \mathcal{A}			-4786 Jul 14 j 11:36	0° \mathcal{Q}	
	-4788 Feb 18 j 00:03	0° \mathfrak{Z}		evening max el	-4786 Jul 27 j 06:44	13° \mathcal{Q} 06'37	47°06'15
	-4788 Mar 13 j 16:30	0° \mathfrak{X}			-4786 Aug 14 j 19:21	0° \mathfrak{M}	
morning set	-4788 Apr 05 j 23:50	28° \mathfrak{X} 25'59		greatest brilliancy	-4786 Sep 04 j 22:09	13° \mathfrak{M} 16'47	-4.7m
	-4788 Apr 07 j 06:35	0° \mathfrak{X}		retrograde	-4786 Sep 15 j 16:34	15° \mathfrak{M} 26'37	
	-4788 May 01 j 17:40	0° Υ		evening set	-4786 Oct 01 j 13:36	10° \mathfrak{M} 29'36	
max. Earth dist.	-4788 May 08 j 06:48	8° Υ 03'34	1.73394 AU	inferior conj	-4786 Oct 06 j 05:34	7° \mathfrak{M} 42'51	-5°-46'-39
				minimum elong	-4786 Oct 06 j 16:02	7° \mathfrak{M} 26'54	5°43'57
superior conj	-4788 May 11 j 17:18	12° Υ 17'46	0°-7'-11	min. Earth dist.	-4786 Oct 06 j 06:19	7° \mathfrak{M} 41'42	0.26425 AU
minimum elong	-4788 May 11 j 18:42	12° Υ 22'03	0°07'07	morning rise	-4786 Oct 11 j 18:35	4° \mathfrak{M} 27'49	
behind sun begin	-4788 May 10 j 22:49	11° Υ 20'47		direct	-4786 Oct 26 j 11:48	0° \mathfrak{M} 08'16	
behind sun end	-4788 May 12 j 14:34	13° Υ 23'20		asc. node	-4786 Oct 30 j 13:30	0° \mathfrak{M} 28'21	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4786 Nov 07 j 10:19	2° \mathbb{M} 50'30	-4.7m		-4783 Jun 28 j 21:52	0° \mathfrak{G}	
	-4786 Dec 12 j 17:03	0° \mathfrak{A}			-4783 Jul 23 j 16:50	0° \mathcal{O}	
morning max el	-4786 Dec 15 j 20:18	3° \mathfrak{A} 06'50	46°34'45	desc. node	-4783 Aug 06 j 06:13	16° \mathcal{O} 13'59	
	-4785 Jan 10 j 03:29	0° \mathbb{M}			-4783 Aug 17 j 20:54	0° \mathbb{M}	
	-4785 Feb 05 j 15:51	0° \mathfrak{A}			-4783 Sep 12 j 19:32	0° \mathfrak{A}	
desc. node	-4785 Feb 19 j 14:07	16° \mathfrak{A} 07'53		evening max el	-4783 Oct 07 j 16:48	26° \mathfrak{A} 56'22	47°32'33
	-4785 Mar 03 j 10:37	0° \mathfrak{Z}			-4783 Oct 10 j 17:20	0° \mathbb{M}	
	-4785 Mar 28 j 19:04	0° \approx		greatest brilliancy	-4783 Nov 14 j 07:34	27° \mathbb{M} 36'02	-4.7m
	-4785 Apr 22 j 19:19	0° \mathfrak{H}			-4783 Nov 20 j 14:34	0° \mathfrak{A}	
	-4785 May 17 j 12:04	0° \mathbb{Y}		asc. node	-4783 Nov 27 j 00:52	1° \mathfrak{A} 01'21	
	-4785 Jun 10 j 21:43	0° \mathfrak{B}		retrograde	-4783 Nov 27 j 20:17	1° \mathfrak{A} 02'10	
asc. node	-4785 Jun 12 j 07:28	1° \mathfrak{B} 44'21			-4783 Dec 04 j 20:50	30° \mathfrak{R} \mathbb{M}	
morning set	-4785 Jun 12 j 17:49	2° \mathfrak{B} 16'22		evening set	-4783 Dec 13 j 01:30	26° \mathbb{M} 20'53	
	-4785 Jul 05 j 01:06	0° \mathbb{I}		min. Earth dist.	-4783 Dec 17 j 17:01	23° \mathbb{M} 30'32	0.27652 AU
max. Earth dist.	-4785 Jul 15 j 11:37	13° \mathbb{I} 03'12	1.71762 AU	inferior conj	-4783 Dec 18 j 18:56	22° \mathbb{M} 49'17	5°00'42
				minimum elong	-4783 Dec 18 j 10:10	23° \mathbb{M} 03'15	4°58'22
superior conj	-4785 Jul 19 j 13:08	18° \mathbb{I} 08'39	1°12'37	morning rise	-4783 Dec 23 j 19:40	19° \mathbb{M} 43'34	
minimum elong	-4785 Jul 19 j 05:07	17° \mathbb{I} 43'31	1°12'40	direct	-4782 Jan 08 j 12:01	14° \mathbb{M} 51'57	
	-4785 Jul 28 j 23:51	0° \mathfrak{G}		greatest brilliancy	-4782 Jan 19 j 02:33	16° \mathbb{M} 56'15	-4.6m
	-4785 Aug 21 j 20:18	0° \mathcal{O}			-4782 Feb 09 j 07:39	0° \mathfrak{A}	
evening rise	-4785 Aug 26 j 20:38	6° \mathcal{O} 18'28		morning max el	-4782 Feb 26 j 09:58	15° \mathfrak{A} 08'58	45°59'17
	-4785 Sep 14 j 17:00	0° \mathbb{M}			-4782 Mar 13 j 06:20	0° \mathfrak{Z}	
desc. node	-4785 Oct 02 j 04:45	21° \mathbb{M} 55'00		desc. node	-4782 Mar 19 j 01:34	6° \mathfrak{Z} 04'38	
	-4785 Oct 08 j 15:57	0° \mathfrak{A}			-4782 Apr 09 j 23:34	0° \approx	
	-4785 Nov 01 j 18:34	0° \mathbb{M}			-4782 May 06 j 05:19	0° \mathfrak{H}	
	-4785 Nov 26 j 02:33	0° \mathfrak{A}			-4782 May 31 j 14:46	0° \mathbb{Y}	
	-4785 Dec 20 j 19:38	0° \mathfrak{Z}			-4782 Jun 25 j 09:36	0° \mathfrak{B}	
	-4784 Jan 15 j 05:57	0° \approx		asc. node	-4782 Jul 09 j 19:47	17° \mathfrak{B} 44'25	
asc. node	-4784 Jan 22 j 21:44	8° \approx 45'59			-4782 Jul 19 j 17:04	0° \mathbb{I}	
	-4784 Feb 11 j 03:46	0° \mathfrak{H}		greatest brilliancy	-4782 Aug 07 j 15:12	23° \mathbb{I} 39'31	-3.9m
evening max el	-4784 Feb 29 j 17:58	18° \mathfrak{H} 52'34	45°07'50		-4782 Aug 12 j 16:20	0° \mathfrak{G}	
	-4784 Mar 13 j 02:20	0° \mathbb{Y}		morning set	-4782 Aug 22 j 10:45	12° \mathfrak{G} 18'13	
greatest brilliancy	-4784 Apr 04 j 02:58	14° \mathbb{Y} 43'35	-4.5m		-4782 Sep 05 j 11:04	0° \mathcal{O}	
retrograde	-4784 Apr 17 j 20:01	17° \mathbb{Y} 58'17			-4782 Sep 29 j 04:54	0° \mathbb{M}	
evening set	-4784 May 02 j 22:14	13° \mathbb{Y} 39'52					
inferior conj	-4784 May 09 j 05:14	9° \mathbb{Y} 56'47	1°04'57	superior conj	-4782 Oct 01 j 12:57	2° \mathbb{M} 56'51	0°59'17
minimum elong	-4784 May 09 j 07:36	9° \mathbb{Y} 53'07	1°04'18	minimum elong	-4782 Oct 02 j 00:27	3° \mathbb{M} 33'10	0°59'01
min. Earth dist.	-4784 May 09 j 23:03	9° \mathbb{Y} 29'12	0.28729 AU	max. Earth dist.	-4782 Oct 04 j 09:26	6° \mathbb{M} 32'53	1.70865 AU
desc. node	-4784 May 13 j 21:45	7° \mathbb{Y} 06'11			-4782 Oct 23 j 00:30	0° \mathfrak{A}	
morning rise	-4784 May 15 j 16:16	6° \mathbb{Y} 06'24		desc. node	-4782 Oct 29 j 17:22	8° \mathfrak{A} 25'03	
direct	-4784 May 30 j 23:45	1° \mathbb{Y} 39'58		evening rise	-4782 Nov 13 j 05:40	26° \mathfrak{A} 35'27	
greatest brilliancy	-4784 Jun 14 j 15:33	5° \mathbb{Y} 23'52	-4.5m		-4782 Nov 15 j 23:08	0° \mathbb{M}	
	-4784 Jul 16 j 20:13	0° \mathfrak{B}			-4782 Dec 10 j 01:22	0° \mathfrak{A}	
morning max el	-4784 Jul 19 j 14:43	2° \mathfrak{B} 41'44	46°21'20		-4781 Jan 03 j 08:00	0° \mathfrak{Z}	
	-4784 Aug 14 j 08:49	0° \mathbb{I}			-4781 Jan 27 j 21:09	0° \approx	
asc. node	-4784 Sep 03 j 17:19	23° \mathbb{I} 30'10		asc. node	-4781 Feb 19 j 09:45	27° \approx 05'12	
	-4784 Sep 09 j 04:30	0° \mathfrak{G}			-4781 Feb 21 j 20:32	0° \mathfrak{H}	
	-4784 Oct 03 j 21:14	0° \mathcal{O}			-4781 Mar 19 j 12:13	0° \mathbb{Y}	
	-4784 Oct 28 j 02:36	0° \mathbb{M}			-4781 Apr 15 j 07:46	0° \mathfrak{B}	
	-4784 Nov 21 j 05:11	0° \mathfrak{A}		evening max el	-4781 May 12 j 02:00	27° \mathfrak{B} 28'39	45°33'21
	-4784 Dec 15 j 09:16	0° \mathbb{M}			-4781 May 14 j 18:07	0° \mathbb{I}	
desc. node	-4784 Dec 24 j 16:18	11° \mathbb{M} 29'59		desc. node	-4781 Jun 11 j 09:15	21° \mathbb{I} 36'29	
	-4783 Jan 08 j 15:58	0° \mathfrak{A}		greatest brilliancy	-4781 Jun 18 j 21:45	25° \mathbb{I} 12'05	-4.5m
morning set	-4783 Jan 24 j 10:38	19° \mathfrak{A} 26'18		retrograde	-4781 Jun 30 j 02:58	27° \mathbb{I} 26'53	
	-4783 Feb 02 j 00:41	0° \mathfrak{Z}		evening set	-4781 Jul 16 j 16:52	22° \mathbb{I} 19'02	
	-4783 Feb 26 j 10:31	0° \approx		inferior conj	-4781 Jul 21 j 02:44	19° \mathbb{I} 43'22	-7°-51'00
				minimum elong	-4781 Jul 20 j 17:50	19° \mathbb{I} 56'47	7°49'30
superior conj	-4783 Mar 03 j 12:43	6° \approx 15'08	-1°-18'-20	min. Earth dist.	-4781 Jul 21 j 09:01	19° \mathbb{I} 33'56	0.27434 AU
minimum elong	-4783 Mar 03 j 18:25	6° \approx 32'36	1°18'28	morning rise	-4781 Jul 24 j 18:31	17° \mathbb{I} 32'45	
max. Earth dist.	-4783 Mar 04 j 00:10	6° \approx 50'16	1.73608 AU	direct	-4781 Aug 11 j 01:58	11° \mathbb{I} 52'42	
	-4783 Mar 22 j 20:57	0° \mathfrak{H}		greatest brilliancy	-4781 Aug 25 j 01:26	15° \mathbb{I} 24'17	-4.6m
evening rise	-4783 Apr 08 j 23:18	20° \mathfrak{H} 58'39			-4781 Sep 14 j 23:04	0° \mathfrak{G}	
asc. node	-4783 Apr 16 j 08:27	0° \mathbb{Y} 01'56		morning max el	-4781 Sep 30 j 18:49	15° \mathfrak{G} 05'01	46°50'31
	-4783 Apr 16 j 07:49	0° \mathbb{Y}		asc. node	-4781 Oct 02 j 04:35	16° \mathfrak{G} 31'40	
greatest brilliancy	-4783 Apr 23 j 14:26	8° \mathbb{Y} 55'18	-3.9m		-4781 Oct 14 j 18:57	0° \mathcal{O}	
	-4783 May 10 j 19:12	0° \mathfrak{B}			-4781 Nov 09 j 23:50	0° \mathbb{M}	
	-4783 Jun 04 j 07:29	0° \mathbb{I}			-4781 Dec 05 j 03:34	0° \mathfrak{A}	

	-4781 Dec 29 j 23:39	0°♈			-4778 Jun 16 j 20:34	0°♊		
desc. node	-4780 Jan 22 j 04:23	28°♈06'16			desc. node	-4778 Jul 08 j 20:31	24°♊13'34	
	-4780 Jan 23 j 17:55	0°♉				-4778 Jul 14 j 07:45	0°♋	
	-4780 Feb 17 j 11:26	0°♌			evening max el	-4778 Jul 24 j 20:36	10°♋43'08	47°03'18
	-4780 Mar 13 j 03:33	0°♍				-4778 Aug 15 j 10:44	0°♎	
morning set	-4780 Apr 03 j 18:30	26°♍23'05			greatest brilliancy	-4778 Sep 02 j 11:58	10°♏47'56	-4.7m
	-4780 Apr 06 j 17:25	0°♐			retrograde	-4778 Sep 13 j 04:37	12°♏55'19	
	-4780 May 01 j 04:25	0°♑			evening set	-4778 Sep 29 j 04:59	7°♏54'26	
max. Earth dist.	-4780 May 06 j 06:28	6°♑15'30	1.73431 AU		inferior conj	-4778 Oct 03 j 17:34	5°♏12'19	-6°-5'-19
					minimum elong	-4778 Oct 04 j 04:13	4°♏56'04	6°02'39
superior conj	-4780 May 09 j 12:17	10°♑15'10	0°-10'-13		min. Earth dist.	-4778 Oct 03 j 19:06	5°♏09'58	0.26431 AU
minimum elong	-4780 May 09 j 14:16	10°♑21'16	0°10'06		morning rise	-4778 Oct 09 j 03:33	2°♏01'20	
behind sun begin	-4780 May 08 j 21:07	9°♑28'27				-4778 Oct 13 j 06:26	30°♒♌	
behind sun end	-4780 May 10 j 07:24	11°♑14'05			direct	-4778 Oct 24 j 00:17	27°♌38'06	
asc. node	-4780 May 13 j 21:07	15°♑38'19			asc. node	-4778 Oct 29 j 15:44	28°♌16'09	
	-4780 May 25 j 12:15	0°♉				-4778 Nov 04 j 03:26	0°♏	
evening rise	-4780 Jun 14 j 03:06	24°♉18'21			greatest brilliancy	-4778 Nov 04 j 23:08	0°♏20'33	-4.7m
	-4780 Jun 18 j 17:12	0°♊				-4778 Dec 12 j 17:09	0°♐	
	-4780 Jul 12 j 20:19	0°♋			morning max el	-4778 Dec 13 j 09:10	0°♐40'10	46°35'58
	-4780 Aug 05 j 23:24	0°♌				-4777 Jan 09 j 20:18	0°♈	
	-4780 Aug 30 j 04:34	0°♍				-4777 Feb 05 j 05:58	0°♉	
desc. node	-4780 Sep 02 j 18:24	4°♍24'54			desc. node	-4777 Feb 18 j 16:11	15°♉35'15	
	-4780 Sep 23 j 14:10	0°♎				-4777 Mar 02 j 23:21	0°♌	
	-4780 Oct 18 j 07:40	0°♈				-4777 Mar 28 j 07:00	0°♍	
	-4780 Nov 12 j 16:59	0°♉				-4777 Apr 22 j 06:45	0°♐	
	-4780 Dec 09 j 16:13	0°♌				-4777 May 16 j 23:13	0°♑	
evening max el	-4780 Dec 17 j 11:03	8°♌01'04	46°15'35		morning set	-4777 Jun 10 j 11:43	0°♒09'11	
asc. node	-4780 Dec 24 j 12:18	14°♌53'53				-4777 Jun 10 j 08:45	0°♒	
	-4779 Jan 11 j 10:43	0°♍			asc. node	-4777 Jun 11 j 09:35	1°♒16'48	
greatest brilliancy	-4779 Jan 21 j 02:47	5°♍55'58	-4.5m			-4777 Jul 04 j 12:08	0°♊	
retrograde	-4779 Feb 05 j 06:51	10°♍02'10			max. Earth dist.	-4777 Jul 13 j 00:03	10°♊37'19	1.71825 AU
evening set	-4779 Feb 22 j 22:55	3°♍59'18						
inferior conj	-4779 Feb 26 j 16:36	1°♍38'12	7°57'34		superior conj	-4777 Jul 17 j 05:15	15°♊54'09	1°10'54
minimum elong	-4779 Feb 26 j 20:50	1°♍31'26	7°57'03		minimum elong	-4777 Jul 16 j 20:56	15°♊28'07	1°10'55
min. Earth dist.	-4779 Feb 26 j 18:30	1°♍35'09	0.29370 AU			-4777 Jul 28 j 10:57	0°♋	
	-4779 Mar 01 j 06:36	30°♒♌				-4777 Aug 21 j 07:33	0°♌	
morning rise	-4779 Mar 02 j 18:54	29°♌04'11			evening rise	-4777 Aug 24 j 08:43	3°♌50'03	
direct	-4779 Mar 20 j 08:39	23°♌11'17				-4777 Sep 14 j 04:27	0°♍	
greatest brilliancy	-4779 Apr 02 j 00:59	26°♌01'40	-4.5m		desc. node	-4777 Oct 01 j 06:53	21°♍25'25	
	-4779 Apr 09 j 18:15	0°♍				-4777 Oct 08 j 03:36	0°♎	
desc. node	-4779 Apr 15 j 12:41	3°♍46'25				-4777 Nov 01 j 06:26	0°♈	
morning max el	-4779 May 08 j 06:17	23°♍00'15	45°51'40			-4777 Nov 25 j 14:45	0°♉	
	-4779 May 15 j 10:05	0°♐				-4777 Dec 20 j 08:26	0°♌	
	-4779 Jun 12 j 14:04	0°♑				-4776 Jan 14 j 20:04	0°♍	
	-4779 Jul 08 j 15:56	0°♒			asc. node	-4776 Jan 21 j 23:48	8°♍10'02	
	-4779 Aug 02 j 15:28	0°♊				-4776 Feb 10 j 21:11	0°♋	
asc. node	-4779 Aug 06 j 07:41	4°♊29'32			evening max el	-4776 Feb 27 j 08:37	16°♋39'05	45°08'35
	-4779 Aug 26 j 22:54	0°♋				-4776 Mar 13 j 09:17	0°♌	
	-4779 Sep 19 j 21:21	0°♌			greatest brilliancy	-4776 Apr 01 j 17:04	12°♌32'15	-4.5m
	-4779 Oct 13 j 16:31	0°♍			retrograde	-4776 Apr 15 j 11:18	15°♌49'10	
morning set	-4779 Nov 06 j 18:57	0°♎20'06			evening set	-4776 Apr 30 j 15:31	11°♌28'21	
	-4779 Nov 06 j 12:33	0°♎			inferior conj	-4776 May 06 j 21:18	7°♌46'55	1°24'23
desc. node	-4779 Nov 26 j 05:57	24°♎42'50			minimum elong	-4776 May 07 j 00:21	7°♌42'12	1°23'32
	-4779 Nov 30 j 11:31	0°♏			min. Earth dist.	-4776 May 07 j 15:52	7°♌18'09	0.28775 AU
					morning rise	-4776 May 13 j 08:24	3°♌55'54	
superior conj	-4779 Dec 18 j 22:53	23°♏00'47	0°-49'-10		desc. node	-4776 May 13 j 00:01	4°♌07'25	
minimum elong	-4779 Dec 18 j 12:20	22°♏27'59	0°48'58			-4776 May 23 j 12:13	30°♒♋	
max. Earth dist.	-4779 Dec 23 j 09:20	28°♏31'30	1.72224 AU		direct	-4776 May 28 j 15:33	29°♋29'06	
	-4779 Dec 24 j 13:50	0°♉				-4776 Jun 02 j 21:54	0°♌	
	-4778 Jan 17 j 19:12	0°♊			greatest brilliancy	-4776 Jun 12 j 07:43	3°♌12'26	-4.5m
evening rise	-4778 Jan 27 j 20:15	12°♊23'43				-4776 Jul 16 j 19:20	0°♍	
	-4778 Feb 11 j 03:38	0°♋			morning max el	-4776 Jul 17 j 05:17	0°♍24'23	46°20'05
	-4778 Mar 07 j 15:53	0°♋				-4776 Aug 14 j 01:07	0°♊	
asc. node	-4778 Mar 18 j 22:04	13°♋41'50			asc. node	-4776 Sep 02 j 19:29	22°♊54'10	
	-4778 Apr 01 j 09:13	0°♌				-4776 Sep 08 j 18:28	0°♋	
	-4778 Apr 26 j 09:20	0°♍				-4776 Oct 03 j 10:07	0°♌	
	-4778 May 21 j 19:00	0°♊				-4776 Oct 27 j 14:54	0°♍	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 26

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4776 Nov 20 j 17:07	0°♄		desc. node	-4773 Jun 10 j 11:14	20°♄06'15	
	-4776 Dec 14 j 20:55	0°♍		greatest brilliancy	-4773 Jun 16 j 07:11	22°♄47'09	-4.5m
desc. node	-4776 Dec 23 j 18:18	11°♍00'28		retrograde	-4773 Jun 27 j 16:23	25°♄05'06	
	-4775 Jan 08 j 03:22	0°♎		evening set	-4773 Jul 14 j 01:57	20°♄02'29	
morning set	-4775 Jan 22 j 00:25	17°♎06'24		inferior conj	-4773 Jul 18 j 15:53	17°♄20'56	-7°-39'-29
	-4775 Feb 01 j 11:52	0°♏		minimum elong	-4773 Jul 18 j 06:34	17°♄34'59	7°37'50
	-4775 Feb 25 j 21:33	0°♐		min. Earth dist.	-4773 Jul 18 j 21:50	17°♄11'59	0.27479 AU
				morning rise	-4773 Jul 22 j 10:54	15°♄05'44	
superior conj	-4775 Mar 01 j 06:08	4°♐07'25	-1°-19'-20	direct	-4773 Aug 08 j 16:30	9°♄29'28	
minimum elong	-4775 Mar 01 j 11:18	4°♐23'15	1°19'30	greatest brilliancy	-4773 Aug 22 j 16:40	13°♄02'22	-4.6m
max. Earth dist.	-4775 Mar 01 j 19:18	4°♐47'51	1.73581 AU		-4773 Sep 15 j 06:20	0°♅	
	-4775 Mar 22 j 07:58	0°♑		morning max el	-4773 Sep 28 j 09:32	12°♅41'36	46°50'09
evening rise	-4775 Apr 06 j 18:20	18°♑55'53		asc. node	-4773 Oct 01 j 06:49	15°♅40'11	
asc. node	-4775 Apr 15 j 10:41	29°♑34'41			-4773 Oct 14 j 13:40	0°♆	
	-4775 Apr 15 j 18:56	0°♒			-4773 Nov 09 j 15:04	0°♑	
greatest brilliancy	-4775 Apr 25 j 22:51	12°♒27'30	-3.9m		-4773 Dec 04 j 17:11	0°♄	
	-4775 May 10 j 06:34	0°♓			-4773 Dec 29 j 12:18	0°♍	
	-4775 Jun 03 j 19:15	0°♈		desc. node	-4772 Jan 21 j 06:26	27°♍35'58	
	-4775 Jun 28 j 10:13	0°♉			-4772 Jan 23 j 05:56	0°♎	
	-4775 Jul 23 j 06:03	0°♊			-4772 Feb 16 j 23:01	0°♏	
desc. node	-4775 Aug 05 j 08:16	15°♊38'50			-4772 Mar 12 j 14:50	0°♐	
	-4775 Aug 17 j 11:30	0°♑		morning set	-4772 Apr 01 j 13:11	24°♐19'32	
	-4775 Sep 12 j 12:45	0°♒			-4772 Apr 06 j 04:31	0°♑	
evening max el	-4775 Oct 05 j 06:37	24°♒31'09	47°33'45		-4772 Apr 30 j 15:25	0°♒	
	-4775 Oct 10 j 17:41	0°♓		max. Earth dist.	-4772 May 04 j 05:27	4°♒24'39	1.73462 AU
greatest brilliancy	-4775 Nov 12 j 01:00	25°♓16'23	-4.7m				
retrograde	-4775 Nov 25 j 11:14	28°♓40'16		superior conj	-4772 May 07 j 07:24	8°♒12'20	0°-13'-13
asc. node	-4775 Nov 26 j 03:04	28°♓39'44		minimum elong	-4772 May 07 j 09:57	8°♒20'11	0°13'04
evening set	-4775 Dec 10 j 14:19	24°♈02'11		behind sun begin	-4772 May 06 j 21:26	7°♒41'37	
min. Earth dist.	-4775 Dec 15 j 08:09	21°♈09'00	0.27576 AU	behind sun end	-4772 May 07 j 22:28	8°♒58'45	
inferior conj	-4775 Dec 16 j 09:43	20°♈28'26	4°43'23	asc. node	-4772 May 12 j 23:16	15°♒11'00	
minimum elong	-4775 Dec 16 j 01:12	20°♈41'58	4°41'04		-4772 May 24 j 23:16	0°♓	
morning rise	-4775 Dec 21 j 12:52	17°♈19'29		evening rise	-4772 Jun 11 j 21:57	22°♓13'24	
direct	-4774 Jan 06 j 01:19	12°♈32'06			-4772 Jun 18 j 04:21	0°♈	
greatest brilliancy	-4774 Jan 16 j 17:34	14°♈37'56	-4.6m		-4772 Jul 12 j 07:44	0°♉	
	-4774 Feb 09 j 17:23	0°♊			-4772 Aug 05 j 11:10	0°♊	
morning max el	-4774 Feb 24 j 00:27	12°♊52'45	46°00'24		-4772 Aug 29 j 16:47	0°♑	
	-4774 Mar 13 j 00:49	0°♋		desc. node	-4772 Sep 01 j 20:33	3°♑53'39	
desc. node	-4774 Mar 18 j 03:42	5°♋24'03			-4772 Sep 23 j 02:56	0°♄	
	-4774 Apr 09 j 14:11	0°♌			-4772 Oct 17 j 21:18	0°♍	
	-4774 May 05 j 18:15	0°♍			-4772 Nov 12 j 08:18	0°♎	
	-4774 May 31 j 02:52	0°♒			-4772 Dec 09 j 11:48	0°♏	
	-4774 Jun 24 j 21:15	0°♓		evening max el	-4772 Dec 15 j 03:33	5°♏47'46	46°18'50
asc. node	-4774 Jul 08 j 21:48	17°♓15'07		asc. node	-4772 Dec 23 j 14:20	14°♏00'02	
	-4774 Jul 19 j 04:30	0°♈			-4771 Jan 12 j 07:52	0°♐	
greatest brilliancy	-4774 Aug 08 j 04:06	24°♈59'40	-3.9m	greatest brilliancy	-4771 Jan 18 j 21:04	3°♐48'16	-4.5m
	-4774 Aug 12 j 03:40	0°♉		retrograde	-4771 Feb 03 j 00:25	7°♐53'16	
morning set	-4774 Aug 19 j 23:50	9°♉52'20		evening set	-4771 Feb 20 j 17:03	1°♐48'46	
	-4774 Sep 04 j 22:25	0°♊			-4771 Feb 23 j 14:14	30°♑♌	
				inferior conj	-4771 Feb 24 j 09:38	29°♑28'58	8°02'07
superior conj	-4774 Sep 28 j 22:39	0°♑20'06	1°02'01	minimum elong	-4771 Feb 24 j 13:17	29°♑23'09	8°01'40
minimum elong	-4774 Sep 29 j 10:05	0°♑56'10	1°01'46	min. Earth dist.	-4771 Feb 24 j 09:55	29°♑28'32	0.29348 AU
	-4774 Sep 28 j 16:17	0°♒		morning rise	-4771 Feb 28 j 09:42	26°♑58'11	
max. Earth dist.	-4774 Oct 01 j 13:49	3°♒39'25	1.70853 AU	direct	-4771 Mar 18 j 01:42	21°♑02'42	
	-4774 Oct 22 j 11:54	0°♓		greatest brilliancy	-4771 Mar 30 j 13:45	23°♑49'01	-4.5m
desc. node	-4774 Oct 28 j 19:32	7°♓56'02			-4771 Apr 10 j 19:55	0°♐	
evening rise	-4774 Nov 10 j 14:21	23°♓56'54		desc. node	-4771 Apr 14 j 14:56	2°♐38'20	
	-4774 Nov 15 j 10:34	0°♈		morning max el	-4771 May 05 j 22:50	20°♐51'41	45°51'13
	-4774 Dec 09 j 12:52	0°♊			-4771 May 15 j 05:51	0°♑	
	-4773 Jan 02 j 19:40	0°♋			-4771 Jun 12 j 05:03	0°♒	
	-4773 Jan 27 j 09:07	0°♌			-4771 Jul 08 j 05:04	0°♓	
asc. node	-4773 Feb 18 j 11:54	26°♌34'23			-4771 Aug 02 j 03:43	0°♈	
	-4773 Feb 21 j 09:08	0°♍		asc. node	-4771 Aug 05 j 09:55	3°♈59'07	
	-4773 Mar 19 j 02:07	0°♒			-4771 Aug 26 j 10:44	0°♉	
	-4773 Apr 15 j 00:33	0°♓			-4771 Sep 19 j 08:57	0°♊	
evening max el	-4773 May 09 j 16:38	25°♓12'38	45°31'01		-4771 Oct 13 j 04:00	0°♑	
	-4773 May 14 j 19:46	0°♈		morning set	-4771 Nov 04 j 04:38	27°♑44'03	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 27

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4771 Nov 05 j 23:56	0°♄		inferior conj	-4768 May 04 j 13:26	5°♃37'42	1°43'33
desc. node	-4771 Nov 25 j 07:59	24°♄13'48		minimum elong	-4768 May 04 j 17:09	5°♃31'58	1°42'30
	-4771 Nov 29 j 22:48	0°♌		min. Earth dist.	-4768 May 05 j 08:35	5°♃08'02	0.28821 AU
				morning rise	-4768 May 11 j 00:29	1°♃46'32	
superior conj	-4771 Dec 16 j 09:28	20°♌29'33	0°-46'-3	desc. node	-4768 May 12 j 02:03	1°♃12'24	
minimum elong	-4771 Dec 15 j 23:14	19°♌57'43	0°45'51		-4768 May 14 j 13:46	30°♌	
max. Earth dist.	-4771 Dec 21 j 01:14	26°♌16'57	1.72163 AU	direct	-4768 May 26 j 07:26	27°♌18'47	
	-4771 Dec 24 j 01:03	0°♌			-4768 Jun 07 j 16:07	0°♃	
	-4770 Jan 17 j 06:21	0°♄		greatest brilliancy	-4768 Jun 10 j 00:43	1°♃02'51	-4.5m
evening rise	-4770 Jan 25 j 10:37	10°♄05'44		morning max el	-4768 Jul 14 j 20:52	28°♃10'17	46°18'54
	-4770 Feb 10 j 14:48	0°♌			-4768 Jul 16 j 17:20	0°♌	
	-4770 Mar 07 j 03:12	0°♌			-4768 Aug 13 j 16:56	0°♌	
asc. node	-4770 Mar 18 j 00:18	13°♌13'45		asc. node	-4768 Sep 01 j 21:40	22°♌19'09	
	-4770 Mar 31 j 20:55	0°♃			-4768 Sep 08 j 08:05	0°♄	
	-4770 Apr 25 j 21:44	0°♌			-4768 Oct 02 j 22:41	0°♌	
	-4770 May 21 j 08:35	0°♌			-4768 Oct 27 j 02:53	0°♌	
	-4770 Jun 16 j 12:18	0°♄			-4768 Nov 20 j 04:44	0°♄	
desc. node	-4770 Jul 07 j 22:38	23°♄28'11			-4768 Dec 14 j 08:15	0°♌	
	-4770 Jul 14 j 04:27	0°♌		desc. node	-4768 Dec 22 j 20:23	10°♌32'06	
evening max el	-4770 Jul 22 j 09:37	8°♌17'53	47°00'17		-4767 Jan 07 j 14:28	0°♌	
	-4770 Aug 16 j 06:58	0°♌		morning set	-4767 Jan 19 j 13:58	14°♌46'22	
greatest brilliancy	-4770 Aug 31 j 02:20	8°♌20'10	-4.7m		-4767 Jan 31 j 22:47	0°♄	
retrograde	-4770 Sep 10 j 16:11	10°♌24'34			-4767 Feb 25 j 08:22	0°♌	
evening set	-4770 Sep 26 j 20:28	5°♌19'41					
inferior conj	-4770 Oct 01 j 05:40	2°♌42'24	-6°-23'-4	superior conj	-4767 Feb 26 j 23:16	1°♌59'29	-1°-20'-14
minimum elong	-4770 Oct 01 j 16:25	2°♌25'59	6°20'28	minimum elong	-4767 Feb 27 j 03:53	2°♌13'40	1°20'25
min. Earth dist.	-4770 Oct 01 j 08:15	2°♌38'26	0.26442 AU	max. Earth dist.	-4767 Feb 27 j 13:16	2°♌42'28	1.73556 AU
	-4770 Oct 05 j 18:53	30°♌			-4767 Mar 21 j 18:44	0°♌	
morning rise	-4770 Oct 06 j 12:24	29°♌35'37		evening rise	-4767 Apr 04 j 13:07	16°♌53'10	
direct	-4770 Oct 21 j 12:20	25°♌08'14		asc. node	-4767 Apr 14 j 12:46	29°♌07'46	
asc. node	-4770 Oct 28 j 17:56	26°♌09'39			-4767 Apr 15 j 05:48	0°♃	
greatest brilliancy	-4770 Nov 02 j 12:55	27°♌51'49	-4.7m		-4767 May 09 j 17:40	0°♌	
	-4770 Nov 06 j 21:14	0°♌			-4767 Jun 03 j 06:45	0°♌	
morning max el	-4770 Dec 10 j 21:32	28°♌11'50	46°37'04		-4767 Jun 27 j 22:20	0°♄	
	-4770 Dec 12 j 16:16	0°♄			-4767 Jul 22 j 19:05	0°♌	
	-4769 Jan 09 j 12:54	0°♌		desc. node	-4767 Aug 04 j 10:28	15°♌04'48	
	-4769 Feb 04 j 20:01	0°♌			-4767 Aug 17 j 01:58	0°♌	
desc. node	-4769 Feb 17 j 18:25	15°♌03'11			-4767 Sep 12 j 05:57	0°♄	
	-4769 Mar 02 j 12:01	0°♄		evening max el	-4767 Oct 02 j 21:28	22°♌09'48	47°35'00
	-4769 Mar 27 j 18:50	0°♌			-4767 Oct 10 j 18:42	0°♌	
	-4769 Apr 21 j 18:06	0°♌		greatest brilliancy	-4767 Nov 09 j 17:35	22°♌57'01	-4.7m
	-4769 May 16 j 10:18	0°♃		retrograde	-4767 Nov 23 j 02:43	26°♌19'57	
morning set	-4769 Jun 08 j 05:42	28°♃02'28		asc. node	-4767 Nov 25 j 05:05	26°♌14'23	
	-4769 Jun 09 j 19:43	0°♌		evening set	-4767 Dec 08 j 03:23	21°♌44'37	
asc. node	-4769 Jun 10 j 11:37	0°♌49'10		min. Earth dist.	-4767 Dec 12 j 23:06	18°♌49'16	0.27501 AU
	-4769 Jul 03 j 23:06	0°♌		inferior conj	-4767 Dec 14 j 00:34	18°♌08'59	4°25'40
max. Earth dist.	-4769 Jul 10 j 14:12	8°♌17'08	1.71887 AU	minimum elong	-4767 Dec 13 j 16:21	18°♌21'59	4°23'21
				morning rise	-4767 Dec 19 j 06:07	14°♌57'06	
superior conj	-4769 Jul 14 j 21:41	13°♌40'55	1°09'04	direct	-4766 Jan 03 j 15:09	10°♌13'40	
minimum elong	-4769 Jul 14 j 13:07	13°♌14'07	1°09'03	greatest brilliancy	-4766 Jan 14 j 08:07	12°♌20'36	-4.6m
	-4769 Jul 27 j 21:59	0°♄			-4766 Feb 09 j 23:54	0°♌	
	-4769 Aug 20 j 18:41	0°♌		morning max el	-4766 Feb 21 j 16:01	10°♌40'16	46°01'20
evening rise	-4769 Aug 21 j 21:24	1°♌23'59			-4766 Mar 12 j 18:27	0°♄	
	-4769 Sep 13 j 15:43	0°♌		desc. node	-4766 Mar 17 j 05:53	4°♄45'12	
desc. node	-4769 Sep 30 j 09:03	20°♌56'29			-4766 Apr 09 j 04:18	0°♌	
	-4769 Oct 07 j 15:05	0°♄			-4766 May 05 j 06:48	0°♌	
	-4769 Oct 31 j 18:10	0°♌			-4766 May 30 j 14:35	0°♃	
	-4769 Nov 25 j 02:50	0°♌			-4766 Jun 24 j 08:32	0°♌	
	-4769 Dec 19 j 21:11	0°♄		asc. node	-4766 Jul 08 j 00:00	16°♌47'33	
	-4768 Jan 14 j 10:13	0°♌			-4766 Jul 18 j 15:33	0°♌	
asc. node	-4768 Jan 21 j 02:01	7°♌34'33		greatest brilliancy	-4766 Aug 08 j 09:23	25°♌57'07	-3.9m
	-4768 Feb 10 j 14:54	0°♌			-4766 Aug 11 j 14:40	0°♄	
evening max el	-4768 Feb 24 j 23:05	14°♌25'29	45°09'37	morning set	-4766 Aug 17 j 13:03	7°♄28'10	
	-4768 Mar 13 j 18:38	0°♃			-4766 Sep 04 j 09:25	0°♌	
greatest brilliancy	-4768 Mar 30 j 06:11	10°♃20'18	-4.5m				
retrograde	-4768 Apr 13 j 03:02	13°♃40'55		superior conj	-4766 Sep 26 j 08:34	27°♌45'01	1°04'36
evening set	-4768 Apr 28 j 08:58	9°♃17'15		minimum elong	-4766 Sep 26 j 19:48	28°♌20'28	1°04'23

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 28

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4766 Sep 28 j 03:20	0°♎		greatest brilliancy	-4763 Mar 28 j 02:29	21°♊37'41	-4.5m
max. Earth dist.	-4766 Sep 28 j 20:09	0°♎53'04	1.70843 AU		-4763 Apr 11 j 14:04	0°♊	
	-4766 Oct 21 j 22:58	0°♊		desc. node	-4763 Apr 13 j 16:58	1°♊33'01	
desc. node	-4766 Oct 27 j 21:33	7°♊27'36		morning max el	-4763 May 03 j 14:33	18°♊42'18	45°50'43
evening rise	-4766 Nov 07 j 23:09	21°♊19'41			-4763 May 15 j 00:38	0°♋	
	-4766 Nov 14 j 21:39	0°♋			-4763 Jun 11 j 19:32	0°♋	
	-4766 Dec 08 j 23:59	0°♌			-4763 Jul 07 j 17:52	0°♌	
	-4765 Jan 02 j 06:54	0°♌			-4763 Aug 01 j 15:44	0°♌	
	-4765 Jan 26 j 20:41	0°♌		asc. node	-4763 Aug 04 j 12:06	3°♌29'16	
asc. node	-4765 Feb 17 j 14:06	26°♌04'53			-4763 Aug 25 j 22:19	0°♍	
	-4765 Feb 20 j 21:23	0°♍			-4763 Sep 18 j 20:19	0°♍	
	-4765 Mar 18 j 15:44	0°♍			-4763 Oct 12 j 15:14	0°♎	
	-4765 Apr 14 j 17:15	0°♎		morning set	-4763 Nov 01 j 14:15	25°♎08'23	
evening max el	-4765 May 07 j 08:07	22°♎59'48	45°28'44		-4763 Nov 05 j 11:04	0°♏	
	-4765 May 14 j 22:20	0°♏		desc. node	-4763 Nov 24 j 10:02	23°♏45'31	
desc. node	-4765 Jun 09 j 13:24	18°♏34'26			-4763 Nov 29 j 09:53	0°♐	
greatest brilliancy	-4765 Jun 13 j 17:38	20°♏25'00	-4.5m				
retrograde	-4765 Jun 25 j 05:43	22°♏44'59		superior conj	-4763 Dec 13 j 19:57	17°♐58'29	0°-42'-50
evening set	-4765 Jul 11 j 11:22	17°♏47'50		minimum elong	-4763 Dec 13 j 10:07	17°♐27'54	0°42'36
inferior conj	-4765 Jul 16 j 05:16	15°♏00'25	-7°-27'-14	max. Earth dist.	-4763 Dec 18 j 15:48	23°♐58'47	1.72100 AU
minimum elong	-4765 Jul 15 j 19:34	15°♏15'02	7°25'26		-4763 Dec 23 j 12:04	0°♑	
min. Earth dist.	-4765 Jul 16 j 10:56	14°♏51'52	0.27521 AU		-4762 Jan 16 j 17:19	0°♑	
morning rise	-4765 Jul 20 j 03:32	12°♏40'24		evening rise	-4762 Jan 23 j 00:52	7°♑47'50	
direct	-4765 Aug 06 j 07:16	7°♏08'20			-4762 Feb 10 j 01:46	0°♒	
greatest brilliancy	-4765 Aug 20 j 07:03	10°♏40'56	-4.6m		-4762 Mar 06 j 14:18	0°♒	
	-4765 Sep 15 j 10:57	0°♒		asc. node	-4762 Mar 17 j 02:25	12°♒46'05	
morning max el	-4765 Sep 25 j 23:44	10°♒18'13	46°49'34		-4762 Mar 31 j 08:24	0°♓	
asc. node	-4765 Sep 30 j 08:59	14°♒50'37			-4762 Apr 25 j 09:55	0°♓	
	-4765 Oct 14 j 07:31	0°♓			-4762 May 20 j 22:02	0°♓	
	-4765 Nov 09 j 05:45	0°♓			-4762 Jun 16 j 04:06	0°♓	
	-4765 Dec 04 j 06:20	0°♓		desc. node	-4762 Jul 07 j 00:51	22°♓42'46	
	-4765 Dec 29 j 00:32	0°♓			-4762 Jul 14 j 01:44	0°♓	
desc. node	-4764 Jan 20 j 08:40	27°♓07'22		evening max el	-4762 Jul 19 j 21:48	5°♓50'52	46°57'08
	-4764 Jan 22 j 17:33	0°♑			-4762 Aug 17 j 10:16	0°♑	
	-4764 Feb 16 j 10:11	0°♑		greatest brilliancy	-4762 Aug 28 j 16:55	5°♑52'42	-4.7m
	-4764 Mar 12 j 01:42	0°♑		retrograde	-4762 Sep 08 j 03:25	7°♑54'11	
morning set	-4764 Mar 30 j 08:05	22°♑17'51		evening set	-4762 Sep 24 j 11:53	2°♑44'59	
	-4764 Apr 05 j 15:13	0°♒		inferior conj	-4762 Sep 28 j 17:45	0°♑12'46	-6°-39'-55
	-4764 Apr 30 j 02:03	0°♒		minimum elong	-4762 Sep 29 j 04:30	29°♑56'22	6°37'28
max. Earth dist.	-4764 May 02 j 03:02	2°♒30'36	1.73495 AU	min. Earth dist.	-4762 Sep 28 j 21:35	0°♑06'54	0.26457 AU
					-4762 Sep 29 j 02:07	30°♒0	
superior conj	-4764 May 05 j 02:40	6°♒11'03	0°-16'-10	morning rise	-4762 Oct 03 j 21:02	27°♒10'33	
minimum elong	-4764 May 05 j 05:46	6°♒20'35	0°16'02	direct	-4762 Oct 19 j 00:05	22°♒38'18	
asc. node	-4764 May 12 j 01:18	14°♒44'24		asc. node	-4762 Oct 27 j 20:00	24°♒08'27	
	-4764 May 24 j 09:58	0°♓		greatest brilliancy	-4762 Oct 31 j 03:37	25°♒24'25	-4.7m
evening rise	-4764 Jun 09 j 16:50	20°♓09'35			-4762 Nov 08 j 13:53	0°♓	
	-4764 Jun 17 j 15:13	0°♓		morning max el	-4762 Dec 08 j 09:50	25°♓43'23	46°38'11
	-4764 Jul 11 j 18:52	0°♓			-4762 Dec 12 j 14:22	0°♓	
	-4764 Aug 04 j 22:39	0°♓			-4761 Jan 09 j 05:07	0°♓	
	-4764 Aug 29 j 04:41	0°♓			-4761 Feb 04 j 09:50	0°♓	
desc. node	-4764 Aug 31 j 22:41	3°♓23'19		desc. node	-4761 Feb 16 j 20:28	14°♓30'54	
	-4764 Sep 22 j 15:27	0°♓			-4761 Mar 02 j 00:32	0°♓	
	-4764 Oct 17 j 10:46	0°♓			-4761 Mar 27 j 06:34	0°♓	
	-4764 Nov 11 j 23:32	0°♓			-4761 Apr 21 j 05:20	0°♓	
	-4764 Dec 09 j 07:38	0°♓			-4761 May 15 j 21:16	0°♓	
evening max el	-4764 Dec 12 j 19:47	3°♓34'26	46°22'04	morning set	-4761 Jun 06 j 00:00	25°♓57'09	
asc. node	-4764 Dec 22 j 16:39	13°♓06'43			-4761 Jun 09 j 06:35	0°♔	
	-4763 Jan 13 j 12:23	0°♔		asc. node	-4761 Jun 09 j 13:52	0°♔22'31	
greatest brilliancy	-4763 Jan 16 j 16:00	1°♔42'24	-4.5m		-4761 Jul 03 j 09:59	0°♔	
retrograde	-4763 Jan 31 j 17:40	5°♔45'36		max. Earth dist.	-4761 Jul 08 j 07:12	6°♔06'05	1.71955 AU
	-4763 Feb 17 j 22:05	30°♔0					
evening set	-4763 Feb 18 j 11:06	29°♔40'07		superior conj	-4761 Jul 12 j 14:17	11°♔28'29	1°07'08
inferior conj	-4763 Feb 22 j 02:51	27°♔21'18	8°05'57	minimum elong	-4761 Jul 12 j 05:33	11°♔01'10	1°07'07
minimum elong	-4763 Feb 22 j 05:51	27°♔16'29	8°05'36		-4761 Jul 27 j 08:58	0°♕	
min. Earth dist.	-4763 Feb 22 j 01:46	27°♔23'03	0.29320 AU	evening rise	-4761 Aug 19 j 10:13	28°♕58'21	
morning rise	-4763 Feb 26 j 00:48	24°♔53'24			-4761 Aug 20 j 05:50	0°♕	
direct	-4763 Mar 15 j 18:33	18°♔55'45			-4761 Sep 13 j 03:04	0°♕	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4761 Sep 29 j 11:03	20° \cap 26'48			-4758 Apr 08 j 18:38	0° \approx		
	-4761 Oct 07 j 02:39	0° $\underline{\Delta}$			-4758 May 04 j 19:37	0° H		
	-4761 Oct 31 j 05:59	0° \mathbb{M}			-4758 May 30 j 02:36	0° Υ		
	-4761 Nov 24 j 15:02	0° Z			-4758 Jun 23 j 20:05	0° B		
	-4761 Dec 19 j 10:05	0° Z		asc. node	-4758 Jul 07 j 02:10	16° B 19'00		
	-4760 Jan 14 j 00:37	0° \approx			-4758 Jul 18 j 02:52	0° \mathbb{I}		
asc. node	-4760 Jan 20 j 04:12	6° \approx 58'28		greatest brilliancy	-4758 Aug 08 j 12:40	26° \mathbb{I} 47'34	-3.9m	
	-4760 Feb 10 j 09:08	0° H			-4758 Aug 11 j 01:53	0° B		
evening max el	-4760 Feb 22 j 14:05	12° H 12'59	45°10'50	morning set	-4758 Aug 15 j 02:48	5° B 04'59		
	-4760 Mar 14 j 07:24	0° Υ			-4758 Sep 03 j 20:39	0° Ω		
greatest brilliancy	-4760 Mar 27 j 19:06	8° Υ 08'09	-4.5m					
retrograde	-4760 Apr 10 j 19:24	11° Υ 32'53		superior conj	-4758 Sep 23 j 18:56	25° Ω 10'37	1°07'00	
evening set	-4760 Apr 26 j 02:39	7° Υ 06'13		minimum elong	-4758 Sep 24 j 05:52	25° Ω 45'08	1°06'51	
inferior conj	-4760 May 02 j 05:39	3° Υ 28'36	2°02'23	max. Earth dist.	-4758 Sep 26 j 03:22	28° Ω 08'44	1.70839 AU	
minimum elong	-4760 May 02 j 09:59	3° Υ 21'54	2°01'11		-4758 Sep 27 j 14:37	0° \cap		
min. Earth dist.	-4760 May 03 j 01:02	2° Υ 58'35	0.28864 AU		-4758 Oct 21 j 10:19	0° $\underline{\Delta}$		
	-4760 May 08 j 00:27	30° R H		desc. node	-4758 Oct 26 j 23:40	6° $\underline{\Delta}$ 58'33		
morning rise	-4760 May 08 j 16:31	29° H 37'44		evening rise	-4758 Nov 05 j 07:46	18° $\underline{\Delta}$ 40'46		
desc. node	-4760 May 11 j 04:10	28° H 20'47			-4758 Nov 14 j 09:04	0° \mathbb{M}		
direct	-4760 May 23 j 23:47	25° H 08'45			-4758 Dec 08 j 11:29	0° Z		
greatest brilliancy	-4760 Jun 07 j 17:40	28° H 53'40	-4.5m		-4757 Jan 01 j 18:35	0° Z		
	-4760 Jun 09 j 22:28	0° Υ			-4757 Jan 26 j 08:42	0° \approx		
morning max el	-4760 Jul 12 j 13:12	25° Υ 58'23	46°17'39	asc. node	-4757 Feb 16 j 16:10	25° \approx 33'40		
	-4760 Jul 16 j 14:29	0° B			-4757 Feb 20 j 10:06	0° H		
	-4760 Aug 13 j 08:32	0° \mathbb{I}			-4757 Mar 18 j 05:55	0° Υ		
asc. node	-4760 Aug 31 j 23:46	21° \mathbb{I} 43'54			-4757 Apr 14 j 10:47	0° B		
	-4760 Sep 07 j 21:41	0° B		evening max el	-4757 May 04 j 23:12	20° B 44'51	45°26'30	
	-4760 Oct 02 j 11:21	0° Ω			-4757 May 15 j 03:09	0° \mathbb{I}		
	-4760 Oct 26 j 15:02	0° \cap		desc. node	-4757 Jun 08 j 15:39	16° \mathbb{I} 58'14		
	-4760 Nov 19 j 16:32	0° $\underline{\Delta}$		greatest brilliancy	-4757 Jun 11 j 05:19	18° \mathbb{I} 03'12	-4.5m	
	-4760 Dec 13 j 19:47	0° \mathbb{M}		retrograde	-4757 Jun 22 j 18:34	20° \mathbb{I} 23'57		
desc. node	-4760 Dec 21 j 22:37	10° \mathbb{M} 03'37		evening set	-4757 Jul 08 j 20:58	15° \mathbb{I} 32'19		
	-4759 Jan 07 j 01:45	0° Z		inferior conj	-4757 Jul 13 j 18:41	12° \mathbb{I} 39'14	-7°-14'-23	
morning set	-4759 Jan 17 j 03:04	12° Z 24'16		minimum elong	-4757 Jul 13 j 08:42	12° \mathbb{I} 54'21	7°12'26	
	-4759 Jan 31 j 09:53	0° Z		min. Earth dist.	-4757 Jul 14 j 00:26	12° \mathbb{I} 30'33	0.27558 AU	
				morning rise	-4757 Jul 17 j 20:10	10° \mathbb{I} 14'19		
superior conj	-4759 Feb 24 j 16:07	29° Z 50'03	-1°-21'-2	direct	-4757 Aug 03 j 21:41	4° \mathbb{I} 46'34		
minimum elong	-4759 Feb 24 j 20:09	0° \approx 02'26	1°21'14	greatest brilliancy	-4757 Aug 17 j 21:03	8° \mathbb{I} 18'15	-4.6m	
	-4759 Feb 24 j 19:21	0° \approx			-4757 Sep 15 j 14:09	0° B		
max. Earth dist.	-4759 Feb 25 j 08:21	0° \approx 39'55	1.73531 AU	morning max el	-4757 Sep 23 j 12:52	7° B 51'28	46°49'04	
	-4759 Mar 21 j 05:43	0° H		asc. node	-4757 Sep 29 j 11:05	14° B 01'06		
evening rise	-4759 Apr 02 j 07:52	14° H 49'46			-4757 Oct 14 j 01:14	0° Ω		
asc. node	-4759 Apr 13 j 14:51	28° H 40'12			-4757 Nov 08 j 20:30	0° \cap		
	-4759 Apr 14 j 16:54	0° Υ			-4757 Dec 03 j 19:41	0° $\underline{\Delta}$		
	-4759 May 09 j 04:58	0° B			-4757 Dec 28 j 13:04	0° \mathbb{M}		
	-4759 Jun 02 j 18:27	0° \mathbb{I}		desc. node	-4756 Jan 19 j 10:42	26° \mathbb{M} 36'56		
	-4759 Jun 27 j 10:38	0° B			-4756 Jan 22 j 05:31	0° Z		
	-4759 Jul 22 j 08:20	0° Ω			-4756 Feb 15 j 21:46	0° Z		
desc. node	-4759 Aug 03 j 12:34	14° Ω 29'52			-4756 Mar 11 j 13:00	0° \approx		
	-4759 Aug 16 j 16:46	0° \cap		morning set	-4756 Mar 28 j 02:28	20° \approx 13'20		
	-4759 Sep 11 j 23:47	0° $\underline{\Delta}$			-4756 Apr 05 j 02:18	0° H		
evening max el	-4759 Sep 30 j 13:08	19° $\underline{\Delta}$ 49'33	47°35'51		-4756 Apr 29 j 13:05	0° Υ		
	-4759 Oct 10 j 21:34	0° \mathbb{M}		max. Earth dist.	-4756 Apr 29 j 23:08	0° Υ 30'56	1.73525 AU	
greatest brilliancy	-4759 Nov 07 j 09:44	20° \mathbb{M} 35'09	-4.7m					
retrograde	-4759 Nov 20 j 18:11	23° \mathbb{M} 56'57		superior conj	-4756 May 02 j 21:36	4° Υ 07'38	0°-19'-8	
asc. node	-4759 Nov 24 j 07:23	23° \mathbb{M} 40'55		minimum elong	-4756 May 03 j 01:14	4° Υ 18'50	0°18'59	
evening set	-4759 Dec 05 j 16:14	19° \mathbb{M} 24'19		asc. node	-4756 May 11 j 03:31	14° Υ 17'06		
min. Earth dist.	-4759 Dec 10 j 13:31	16° \mathbb{M} 27'00	0.27428 AU		-4756 May 23 j 21:03	0° B		
inferior conj	-4759 Dec 11 j 14:59	15° \mathbb{M} 46'48	4°07'05	evening rise	-4756 Jun 07 j 11:34	18° B 04'11		
minimum elong	-4759 Dec 11 j 07:09	15° \mathbb{M} 59'11	4°04'48		-4756 Jun 17 j 02:30	0° \mathbb{I}		
morning rise	-4759 Dec 16 j 22:57	12° \mathbb{M} 32'08			-4756 Jul 11 j 06:24	0° B		
direct	-4758 Jan 01 j 05:04	7° \mathbb{M} 52'42			-4756 Aug 04 j 10:30	0° Ω		
greatest brilliancy	-4758 Jan 11 j 21:36	9° \mathbb{M} 59'56	-4.6m		-4756 Aug 28 j 16:57	0° \cap		
	-4758 Feb 10 j 05:01	0° Z		desc. node	-4756 Aug 31 j 00:43	2° \cap 51'40		
morning max el	-4758 Feb 19 j 07:42	8° Z 26'45	46°02'20		-4756 Sep 22 j 04:17	0° $\underline{\Delta}$		
	-4758 Mar 12 j 12:08	0° Z			-4756 Oct 17 j 00:34	0° \mathbb{M}		
desc. node	-4758 Mar 16 j 07:58	4° Z 05'20			-4756 Nov 11 j 15:13	0° Z		

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 30

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4756 Dec 09 j 04:27	0°☾				-4753 May 15 j 08:26	0°☿		
evening max el	-4756 Dec 10 j 10:58	1°☾17'19	46°25'05		morning set	-4753 Jun 03 j 18:11	23°☿50'55		
asc. node	-4756 Dec 21 j 18:46	12°☾10'47			asc. node	-4753 Jun 08 j 15:59	29°☿54'50		
greatest brilliancy	-4755 Jan 14 j 10:23	29°☾34'04	-4.5m			-4753 Jun 08 j 17:39	0°♄		
	-4755 Jan 15 j 07:31	0°♁				-4753 Jul 02 j 21:03	0°♂		
retrograde	-4755 Jan 29 j 10:18	3°♁36'05			max. Earth dist.	-4753 Jul 06 j 00:50	3°♂56'36	1.72019 AU	
	-4755 Feb 11 j 19:40	30°♂							
evening set	-4755 Feb 16 j 04:43	27°☾29'52			superior conj	-4753 Jul 10 j 06:43	9°♂15'05	1°05'06	
inferior conj	-4755 Feb 19 j 19:54	25°☾11'47	8°09'10		minimum elong	-4753 Jul 09 j 21:53	8°♂47'25	1°05'03	
minimum elong	-4755 Feb 19 j 22:15	25°☾08'02	8°08'51			-4753 Jul 26 j 20:07	0°☾		
min. Earth dist.	-4755 Feb 19 j 17:45	25°☾15'14	0.29294 AU		evening rise	-4753 Aug 16 j 23:06	26°☾32'30		
morning rise	-4755 Feb 23 j 15:56	22°☾46'30				-4753 Aug 19 j 17:08	0°♂		
direct	-4755 Mar 13 j 10:50	16°☾46'48				-4753 Sep 12 j 14:35	0°♂		
greatest brilliancy	-4755 Mar 25 j 16:14	19°☾25'43	-4.5m		desc. node	-4753 Sep 28 j 13:11	19°♂57'05		
	-4755 Apr 12 j 04:25	0°♁				-4753 Oct 06 j 14:23	0°♂		
desc. node	-4755 Apr 12 j 19:07	0°♁28'01				-4753 Oct 30 j 17:58	0°♂		
morning max el	-4755 May 01 j 05:35	16°♁29'47	45°50'20			-4753 Nov 24 j 03:21	0°♂		
	-4755 May 14 j 19:26	0°♂				-4753 Dec 18 j 23:05	0°☾		
	-4755 Jun 11 j 10:16	0°☿				-4752 Jan 13 j 15:08	0°♁		
	-4755 Jul 07 j 06:58	0°♄			asc. node	-4752 Jan 19 j 06:16	6°♁21'56		
	-4755 Aug 01 j 04:02	0°♂				-4752 Feb 10 j 03:46	0°♂		
asc. node	-4755 Aug 03 j 14:07	2°♂57'56			evening max el	-4752 Feb 20 j 05:52	10°♂02'36	45°12'06	
	-4755 Aug 25 j 10:13	0°☾				-4752 Mar 15 j 00:24	0°☿		
	-4755 Sep 18 j 07:58	0°♂			greatest brilliancy	-4752 Mar 25 j 08:28	5°☿56'53	-4.5m	
	-4755 Oct 12 j 02:43	0°♂			retrograde	-4752 Apr 08 j 12:05	9°☿25'00		
morning set	-4755 Oct 30 j 00:11	22°♂32'51			evening set	-4752 Apr 23 j 20:34	4°☿55'22		
	-4755 Nov 04 j 22:27	0°♂			inferior conj	-4752 Apr 29 j 21:56	1°☿19'36	2°21'02	
desc. node	-4755 Nov 23 j 12:15	23°♂17'04			minimum elong	-4752 Apr 30 j 02:52	1°☿11'57	2°19'40	
	-4755 Nov 28 j 21:11	0°♂			min. Earth dist.	-4752 Apr 30 j 17:10	0°☿49'47	0.28910 AU	
						-4752 May 02 j 01:29	30°♂		
superior conj	-4755 Dec 11 j 06:41	15°♂27'34	0°-39'-32		morning rise	-4752 May 06 j 08:29	27°♂29'16		
minimum elong	-4755 Dec 10 j 21:19	14°♂58'26	0°39'19		desc. node	-4752 May 10 j 06:26	25°♂32'47		
max. Earth dist.	-4755 Dec 16 j 05:21	21°♂36'48	1.72037 AU		direct	-4752 May 21 j 16:44	22°♂58'56		
	-4755 Dec 22 j 23:16	0°♂			greatest brilliancy	-4752 Jun 05 j 10:26	26°♂44'16	-4.5m	
	-4754 Jan 16 j 04:29	0°☾				-4752 Jun 11 j 09:56	0°☿		
evening rise	-4754 Jan 20 j 15:09	5°☾29'17			morning max el	-4752 Jul 10 j 06:03	23°☿47'40	46°16'18	
	-4754 Feb 09 j 12:59	0°♁				-4752 Jul 16 j 11:03	0°♄		
	-4754 Mar 06 j 01:43	0°♂				-4752 Aug 12 j 23:59	0°♂		
asc. node	-4754 Mar 16 j 04:29	12°♂17'16			asc. node	-4752 Aug 31 j 01:57	21°♂08'55		
	-4754 Mar 30 j 20:14	0°☿				-4752 Sep 07 j 11:13	0°☾		
	-4754 Apr 24 j 22:31	0°♄				-4752 Oct 01 j 23:57	0°♂		
	-4754 May 20 j 11:56	0°♂				-4752 Oct 26 j 03:08	0°♂		
	-4754 Jun 15 j 20:29	0°☾				-4752 Nov 19 j 04:18	0°♂		
desc. node	-4754 Jul 06 j 02:54	21°☾55'17				-4752 Dec 13 j 07:16	0°♂		
	-4754 Jul 14 j 00:10	0°♂			desc. node	-4752 Dec 21 j 00:35	9°♂34'24		
evening max el	-4754 Jul 17 j 09:21	3°♂21'36	46°54'02			-4751 Jan 06 j 12:59	0°♂		
	-4754 Aug 19 j 01:29	0°♂			morning set	-4751 Jan 14 j 16:14	10°♂02'29		
greatest brilliancy	-4754 Aug 26 j 06:35	3°♂23'17	-4.7m			-4751 Jan 30 j 20:54	0°☾		
retrograde	-4754 Sep 05 j 14:41	5°♂23'00							
evening set	-4754 Sep 22 j 03:12	0°♂08'57			superior conj	-4751 Feb 22 j 09:07	27°☾41'22	-1°-21'-42	
	-4754 Sep 22 j 09:25	30°♂			minimum elong	-4751 Feb 22 j 12:31	27°☾51'48	1°21'55	
inferior conj	-4754 Sep 26 j 05:41	27°♂42'01	-6°-56'-8		max. Earth dist.	-4751 Feb 23 j 05:43	28°☾44'38	1.73500 AU	
minimum elong	-4754 Sep 26 j 16:21	27°♂25'47	6°53'47			-4751 Feb 24 j 06:14	0°♁		
min. Earth dist.	-4754 Sep 26 j 10:40	27°♂34'27	0.26474 AU			-4751 Mar 20 j 16:35	0°♂		
morning rise	-4754 Oct 01 j 05:22	24°♂44'58			evening rise	-4751 Mar 31 j 02:51	12°♂47'32		
direct	-4754 Oct 16 j 11:49	20°♂07'04			asc. node	-4751 Apr 12 j 17:04	28°♂13'28		
asc. node	-4754 Oct 26 j 22:16	22°♂11'21				-4751 Apr 14 j 03:51	0°☿		
greatest brilliancy	-4754 Oct 28 j 18:46	22°♂56'44	-4.7m			-4751 May 08 j 16:12	0°♄		
	-4754 Nov 09 j 18:37	0°♂				-4751 Jun 02 j 06:06	0°♂		
morning max el	-4754 Dec 05 j 22:50	23°♂16'01	46°39'34			-4751 Jun 26 j 22:58	0°☾		
	-4754 Dec 12 j 11:51	0°♂				-4751 Jul 21 j 21:39	0°♂		
	-4753 Jan 08 j 21:10	0°♂			desc. node	-4751 Aug 02 j 14:37	13°♂54'41		
	-4753 Feb 03 j 23:36	0°♂				-4751 Aug 16 j 07:42	0°♂		
desc. node	-4753 Feb 15 j 22:34	13°♂58'41				-4751 Sep 11 j 17:56	0°♂		
	-4753 Mar 01 j 13:05	0°☾			evening max el	-4751 Sep 28 j 05:18	17°♂30'44	47°36'37	
	-4753 Mar 26 j 18:23	0°♁				-4751 Oct 11 j 01:57	0°♂		
	-4753 Apr 20 j 16:44	0°♂			greatest brilliancy	-4751 Nov 05 j 02:23	18°♂14'03	-4.7m	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4751 Nov 18 j 09:36	21° \mathbb{M} 33'38		superior conj	-4748 Apr 30 j 16:55	2° Υ 06'36	0°-22'-3
asc. node	-4751 Nov 23 j 09:32	21° \mathbb{M} 01'48		minimum elong	-4748 Apr 30 j 21:05	2° Υ 19'23	0°21'52
evening set	-4751 Dec 03 j 05:11	17° \mathbb{M} 03'49		asc. node	-4748 May 10 j 05:37	13° Υ 50'40	
min. Earth dist.	-4751 Dec 08 j 03:51	14° \mathbb{M} 04'34	0.27351 AU		-4748 May 23 j 07:46	0° \mathcal{B}	
inferior conj	-4751 Dec 09 j 05:17	13° \mathbb{M} 24'29	3°47'51	evening rise	-4748 Jun 05 j 06:48	16° \mathcal{B} 01'40	
minimum elong	-4751 Dec 08 j 21:53	13° \mathbb{M} 36'09	3°45'39		-4748 Jun 16 j 13:23	0° \mathbb{I}	
morning rise	-4751 Dec 14 j 15:33	10° \mathbb{M} 07'02			-4748 Jul 10 j 17:34	0° \mathcal{S}	
direct	-4751 Dec 29 j 19:10	5° \mathbb{M} 31'49			-4748 Aug 03 j 22:02	0° \mathcal{Q}	
greatest brilliancy	-4750 Jan 09 j 10:32	7° \mathbb{M} 38'35	-4.6m		-4748 Aug 28 j 04:58	0° \mathbb{M}	
	-4750 Feb 10 j 08:11	0° \mathcal{A}		desc. node	-4748 Aug 30 j 02:53	2° \mathbb{M} 21'13	
morning max el	-4750 Feb 16 j 22:57	6° \mathcal{A} 12'36	46°03'26		-4748 Sep 21 j 16:59	0° \mathcal{A}	
	-4750 Mar 12 j 05:12	0° \mathcal{S}			-4748 Oct 16 j 14:18	0° \mathbb{M}	
desc. node	-4750 Mar 15 j 10:06	3° \mathcal{S} 26'41			-4748 Nov 11 j 06:58	0° \mathcal{A}	
	-4750 Apr 08 j 08:32	0° \approx		evening max el	-4748 Dec 08 j 01:15	28° \mathcal{A} 58'19	46°28'19
	-4750 May 04 j 08:04	0° \mathcal{H}			-4748 Dec 09 j 01:46	0° \mathcal{S}	
	-4750 May 29 j 14:17	0° Υ		asc. node	-4748 Dec 20 j 20:50	11° \mathcal{S} 14'08	
asc. node	-4750 Jun 23 j 07:22	0° \mathcal{B}		greatest brilliancy	-4747 Jan 12 j 04:01	27° \mathcal{S} 25'15	-4.6m
	-4750 Jul 06 j 04:11	15° \mathcal{B} 50'38			-4747 Jan 18 j 08:56	0° \approx	
	-4750 Jul 17 j 13:59	0° \mathbb{I}		retrograde	-4747 Jan 27 j 03:02	1° \approx 27'25	
greatest brilliancy	-4750 Aug 08 j 16:47	27° \mathbb{I} 41'07	-3.9m		-4747 Feb 04 j 13:46	30° \mathcal{R} \mathcal{S}	
	-4750 Aug 10 j 12:58	0° \mathcal{S}		evening set	-4747 Feb 13 j 22:05	25° \mathcal{S} 20'34	
morning set	-4750 Aug 12 j 16:26	2° \mathcal{S} 41'56		inferior conj	-4747 Feb 17 j 12:56	23° \mathcal{S} 03'01	8°11'44
	-4750 Sep 03 j 07:45	0° \mathcal{Q}		minimum elong	-4747 Feb 17 j 14:37	23° \mathcal{S} 00'20	8°11'27
				min. Earth dist.	-4747 Feb 17 j 09:50	23° \mathcal{S} 08'00	0.29262 AU
superior conj	-4750 Sep 21 j 05:14	22° \mathcal{Q} 36'29	1°09'17	morning rise	-4747 Feb 21 j 07:17	20° \mathcal{S} 40'11	
minimum elong	-4750 Sep 21 j 15:47	23° \mathcal{Q} 09'46	1°09'09	direct	-4747 Mar 11 j 02:43	14° \mathcal{S} 38'30	
max. Earth dist.	-4750 Sep 23 j 06:31	25° \mathcal{Q} 12'02	1.70833 AU	greatest brilliancy	-4747 Mar 23 j 06:58	17° \mathcal{S} 15'46	-4.5m
	-4750 Sep 27 j 01:46	0° \mathbb{M}		desc. node	-4747 Apr 11 j 21:21	29° \mathcal{S} 25'47	
	-4750 Oct 20 j 21:30	0° \mathcal{A}			-4747 Apr 12 j 14:40	0° \approx	
desc. node	-4750 Oct 26 j 01:49	6° \mathcal{A} 30'10		morning max el	-4747 Apr 28 j 20:53	14° \approx 19'00	45°50'12
evening rise	-4750 Nov 02 j 16:01	16° \mathcal{A} 01'12			-4747 May 14 j 13:20	0° \mathcal{H}	
	-4750 Nov 13 j 20:18	0° \mathbb{M}			-4747 Jun 11 j 00:24	0° Υ	
	-4750 Dec 07 j 22:48	0° \mathcal{A}			-4747 Jul 06 j 19:32	0° \mathcal{B}	
	-4749 Jan 01 j 06:04	0° \mathcal{S}			-4747 Jul 31 j 15:51	0° \mathbb{I}	
	-4749 Jan 25 j 20:30	0° \approx		asc. node	-4747 Aug 02 j 16:20	2° \mathbb{I} 28'37	
asc. node	-4749 Feb 15 j 18:20	25° \approx 03'30			-4747 Aug 24 j 21:39	0° \mathcal{S}	
	-4749 Feb 19 j 22:36	0° \mathcal{H}			-4747 Sep 17 j 19:13	0° \mathcal{Q}	
	-4749 Mar 17 j 19:53	0° Υ			-4747 Oct 11 j 13:54	0° \mathbb{M}	
	-4749 Apr 14 j 04:13	0° \mathcal{B}		morning set	-4747 Oct 27 j 09:52	19° \mathbb{M} 57'10	
evening max el	-4749 May 02 j 13:33	18° \mathcal{B} 29'32	45°24'22		-4747 Nov 04 j 09:35	0° \mathcal{A}	
	-4749 May 15 j 09:17	0° \mathbb{I}		desc. node	-4747 Nov 22 j 14:16	22° \mathcal{A} 48'40	
desc. node	-4749 Jun 07 j 17:38	15° \mathbb{I} 19'47			-4747 Nov 28 j 08:15	0° \mathbb{M}	
greatest brilliancy	-4749 Jun 08 j 17:29	15° \mathbb{I} 43'43	-4.5m				
retrograde	-4749 Jun 20 j 07:12	18° \mathbb{I} 05'03		superior conj	-4747 Dec 08 j 16:42	12° \mathbb{M} 54'58	0°-36'-5
evening set	-4749 Jul 06 j 06:54	13° \mathbb{I} 18'29		minimum elong	-4747 Dec 08 j 07:55	12° \mathbb{M} 27'36	0°35'53
inferior conj	-4749 Jul 11 j 08:23	10° \mathbb{I} 20'04	-7°00'-50	max. Earth dist.	-4747 Dec 13 j 15:03	19° \mathbb{M} 03'25	1.71975 AU
minimum elong	-4749 Jul 10 j 22:11	10° \mathbb{I} 35'31	6°58'43		-4747 Dec 22 j 10:16	0° \mathcal{A}	
min. Earth dist.	-4749 Jul 11 j 14:32	10° \mathbb{I} 10'44	0.27603 AU		-4746 Jan 15 j 15:25	0° \mathcal{S}	
morning rise	-4749 Jul 15 j 13:06	7° \mathbb{I} 50'08		evening rise	-4746 Jan 18 j 04:46	3° \mathcal{S} 09'23	
direct	-4749 Aug 01 j 11:55	2° \mathbb{I} 26'31			-4746 Feb 08 j 23:57	0° \approx	
greatest brilliancy	-4749 Aug 15 j 12:21	5° \mathbb{I} 58'29	-4.6m		-4746 Mar 05 j 12:53	0° \mathcal{H}	
	-4749 Sep 15 j 15:38	0° \mathcal{S}		asc. node	-4746 Mar 15 j 06:42	11° \mathcal{H} 49'49	
morning max el	-4749 Sep 21 j 01:18	5° \mathcal{S} 23'34	46°48'24		-4746 Mar 30 j 07:49	0° Υ	
asc. node	-4749 Sep 28 j 13:19	13° \mathcal{S} 13'13			-4746 Apr 24 j 10:51	0° \mathcal{B}	
	-4749 Oct 13 j 18:24	0° \mathcal{Q}			-4746 May 20 j 01:36	0° \mathbb{I}	
	-4749 Nov 08 j 10:55	0° \mathbb{M}			-4746 Jun 15 j 12:41	0° \mathcal{S}	
	-4749 Dec 03 j 08:44	0° \mathcal{A}		desc. node	-4746 Jul 05 j 05:03	21° \mathcal{S} 08'45	
	-4749 Dec 28 j 01:17	0° \mathbb{M}			-4746 Jul 13 j 22:55	0° \mathcal{Q}	
desc. node	-4748 Jan 18 j 12:46	26° \mathbb{M} 07'36		evening max el	-4746 Jul 14 j 21:26	0° \mathcal{Q} 55'26	46°51'03
	-4748 Jan 21 j 17:11	0° \mathcal{A}			-4746 Aug 21 j 12:41	0° \mathbb{M}	
	-4748 Feb 15 j 09:02	0° \mathcal{S}		greatest brilliancy	-4746 Aug 23 j 18:57	0° \mathbb{M} 54'30	-4.7m
	-4748 Mar 10 j 23:58	0° \approx		retrograde	-4746 Sep 03 j 02:41	2° \mathbb{M} 54'02	
morning set	-4748 Mar 25 j 20:57	18° \approx 10'07			-4746 Sep 15 j 03:52	30° \mathcal{R} \mathcal{Q}	
	-4748 Apr 04 j 13:04	0° \mathcal{H}		evening set	-4746 Sep 19 j 18:38	27° \mathcal{Q} 34'48	
max. Earth dist.	-4748 Apr 27 j 18:53	28° \mathcal{H} 31'15	1.73551 AU	inferior conj	-4746 Sep 23 j 17:47	25° \mathcal{Q} 13'03	-7°-11'-14
	-4748 Apr 28 j 23:45	0° Υ		minimum elong	-4746 Sep 24 j 04:18	24° \mathcal{Q} 57'05	7°09'01
				min. Earth dist.	-4746 Sep 23 j 23:23	25° \mathcal{Q} 04'33	0.26500 AU

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning rise	-4746 Sep 28 j 13:48	22° Ω 21'31		evening rise	-4743 Mar 28 j 21:13	10° Υ 43'25	
direct	-4746 Oct 14 j 00:13	17° Ω 37'35		asc. node	-4743 Apr 11 j 19:07	27° Υ 46'17	
asc. node	-4746 Oct 26 j 00:24	20° Ω 20'17			-4743 Apr 13 j 14:48	0° Υ	
greatest brilliancy	-4746 Oct 26 j 09:41	20° Ω 30'21	-4.7m		-4743 May 08 j 03:23	0° Υ	
	-4746 Nov 10 j 15:03	0° Υ			-4743 Jun 01 j 17:45	0° Π	
morning max el	-4746 Dec 03 j 12:52	20° Υ 51'57	46°40'34		-4743 Jun 26 j 11:19	0° Υ	
	-4746 Dec 12 j 08:22	0° Ω			-4743 Jul 21 j 11:01	0° Ω	
	-4745 Jan 08 j 12:49	0° Υ		desc. node	-4743 Aug 01 j 16:49	13° Ω 19'51	
	-4745 Feb 03 j 13:07	0° Υ			-4743 Aug 15 j 22:45	0° Υ	
desc. node	-4745 Feb 15 j 00:45	13° Υ 27'13			-4743 Sep 11 j 12:23	0° Ω	
	-4745 Mar 01 j 01:25	0° Υ		evening max el	-4743 Sep 25 j 21:31	15° Ω 12'25	47°37'17
	-4745 Mar 26 j 05:58	0° Υ			-4743 Oct 11 j 08:02	0° Υ	
	-4745 Apr 20 j 03:52	0° Υ		greatest brilliancy	-4743 Nov 02 j 19:54	15° Υ 54'40	-4.7m
	-4745 May 14 j 19:19	0° Υ		retrograde	-4743 Nov 16 j 00:44	19° Υ 10'49	
morning set	-4745 Jun 01 j 12:28	21° Υ 45'57		asc. node	-4743 Nov 22 j 11:33	18° Υ 17'55	
asc. node	-4745 Jun 07 j 17:59	29° Υ 27'39		evening set	-4743 Nov 30 j 18:28	14° Υ 43'50	
	-4745 Jun 08 j 04:27	0° Υ		min. Earth dist.	-4743 Dec 05 j 18:27	11° Υ 42'37	0.27276 AU
	-4745 Jul 02 j 07:50	0° Π		inferior conj	-4743 Dec 06 j 19:40	11° Υ 02'53	3°28'13
max. Earth dist.	-4745 Jul 03 j 17:33	1° Π 45'10	1.72077 AU	minimum elong	-4743 Dec 06 j 12:46	11° Υ 13'45	3°26'08
				morning rise	-4743 Dec 12 j 08:07	7° Υ 42'36	
superior conj	-4745 Jul 07 j 23:32	7° Π 03'43	1°02'59	direct	-4743 Dec 27 j 09:23	3° Υ 11'46	
minimum elong	-4745 Jul 07 j 14:37	6° Π 35'51	1°02'54	greatest brilliancy	-4742 Jan 06 j 23:30	5° Υ 17'40	-4.6m
	-4745 Jul 26 j 06:59	0° Υ			-4742 Feb 10 j 09:44	0° Υ	
evening rise	-4745 Aug 14 j 12:37	24° Υ 09'40		morning max el	-4742 Feb 14 j 13:18	3° Υ 56'18	46°04'18
	-4745 Aug 19 j 04:09	0° Ω			-4742 Mar 11 j 21:57	0° Υ	
	-4745 Sep 12 j 01:46	0° Υ		desc. node	-4742 Mar 14 j 12:16	2° Υ 48'27	
desc. node	-4745 Sep 27 j 15:20	19° Υ 28'29			-4742 Apr 07 j 22:24	0° Υ	
	-4745 Oct 06 j 01:47	0° Ω			-4742 May 03 j 20:34	0° Υ	
	-4745 Oct 30 j 05:39	0° Υ			-4742 May 29 j 02:02	0° Υ	
	-4745 Nov 23 j 15:29	0° Υ			-4742 Jun 22 j 18:43	0° Υ	
	-4745 Dec 18 j 12:00	0° Υ		asc. node	-4742 Jul 05 j 06:24	15° Υ 22'43	
	-4744 Jan 13 j 05:44	0° Υ			-4742 Jul 17 j 01:08	0° Π	
asc. node	-4744 Jan 18 j 08:28	5° Υ 45'41		greatest brilliancy	-4742 Aug 08 j 12:15	28° Π 07'22	-3.9m
	-4744 Feb 09 j 22:52	0° Υ		morning set	-4742 Aug 10 j 06:03	0° Υ 18'49	
evening max el	-4744 Feb 17 j 22:09	7° Υ 53'26	45°13'30		-4742 Aug 10 j 00:04	0° Υ	
	-4744 Mar 15 j 23:30	0° Υ			-4742 Sep 02 j 18:54	0° Ω	
greatest brilliancy	-4744 Mar 22 j 23:13	3° Υ 47'21	-4.5m				
retrograde	-4744 Apr 06 j 04:36	7° Υ 16'56		superior conj	-4742 Sep 18 j 15:48	20° Ω 03'04	1°11'24
evening set	-4744 Apr 21 j 14:33	2° Υ 44'32		minimum elong	-4742 Sep 19 j 01:52	20° Ω 34'50	1°11'18
	-4744 Apr 26 j 06:11	30° Υ		max. Earth dist.	-4742 Sep 20 j 06:23	22° Ω 04'52	1.70832 AU
inferior conj	-4744 Apr 27 j 14:06	29° Υ 10'36	2°39'29		-4742 Sep 26 j 12:58	0° Υ	
minimum elong	-4744 Apr 27 j 19:37	29° Υ 02'03	2°37'58		-4742 Oct 20 j 08:44	0° Ω	
min. Earth dist.	-4744 Apr 28 j 09:01	28° Υ 41'16	0.28951 AU	desc. node	-4742 Oct 25 j 03:49	6° Ω 01'10	
morning rise	-4744 May 04 j 00:08	25° Υ 20'55		evening rise	-4742 Oct 31 j 00:22	13° Ω 21'45	
desc. node	-4744 May 09 j 08:25	22° Υ 48'48			-4742 Nov 13 j 07:33	0° Υ	
direct	-4744 May 19 j 09:48	20° Υ 49'23			-4742 Dec 07 j 10:08	0° Υ	
greatest brilliancy	-4744 Jun 03 j 01:49	24° Υ 33'24	-4.5m		-4742 Dec 31 j 17:33	0° Υ	
	-4744 Jun 12 j 10:57	0° Υ			-4741 Jan 25 j 08:22	0° Υ	
morning max el	-4744 Jul 07 j 22:34	21° Υ 36'48	46°14'59	asc. node	-4741 Feb 14 j 20:29	24° Υ 32'59	
	-4744 Jul 16 j 06:48	0° Υ			-4741 Feb 19 j 11:14	0° Υ	
	-4744 Aug 12 j 15:02	0° Π			-4741 Mar 17 j 10:09	0° Υ	
asc. node	-4744 Aug 30 j 04:06	20° Π 34'34			-4741 Apr 13 j 22:21	0° Υ	
	-4744 Sep 07 j 00:27	0° Υ		evening max el	-4741 Apr 30 j 03:07	16° Υ 11'41	45°22'16
	-4744 Oct 01 j 12:18	0° Ω			-4741 May 15 j 18:18	0° Π	
	-4744 Oct 25 j 14:59	0° Υ		greatest brilliancy	-4741 Jun 06 j 05:29	13° Π 23'11	-4.5m
	-4744 Nov 18 j 15:49	0° Ω		desc. node	-4741 Jun 06 j 19:49	13° Π 36'50	
	-4744 Dec 12 j 18:32	0° Υ		retrograde	-4741 Jun 17 j 19:51	15° Π 45'35	
desc. node	-4744 Dec 20 j 02:41	9° Υ 06'09		evening set	-4741 Jul 03 j 16:51	11° Π 03'37	
	-4743 Jan 06 j 00:03	0° Υ		inferior conj	-4741 Jul 08 j 22:00	8° Π 00'16	-6°-46'-27
morning set	-4743 Jan 12 j 05:07	7° Υ 40'08		minimum elong	-4741 Jul 08 j 11:39	8° Π 15'57	6°44'14
	-4743 Jan 30 j 07:50	0° Υ		min. Earth dist.	-4741 Jul 09 j 04:47	7° Π 50'00	0.27645 AU
				morning rise	-4741 Jul 13 j 06:01	5° Π 25'25	
superior conj	-4743 Feb 20 j 01:32	25° Υ 30'56	-1°-22'-15	direct	-4741 Jul 30 j 01:37	0° Π 05'40	
minimum elong	-4743 Feb 20 j 04:17	25° Υ 39'20	1°22'29	greatest brilliancy	-4741 Aug 13 j 04:29	3° Π 39'21	-4.6m
max. Earth dist.	-4743 Feb 21 j 03:09	26° Υ 49'38	1.73471 AU		-4741 Sep 15 j 16:05	0° Υ	
	-4743 Feb 23 j 17:05	0° Υ		morning max el	-4741 Sep 18 j 13:41	2° Υ 55'08	46°47'49
	-4743 Mar 20 j 03:25	0° Υ		asc. node	-4741 Sep 27 j 15:27	12° Υ 25'22	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4741 Oct 13 j 11:23	0°♈		desc. node	-4738 Jul 04 j 07:14	20°♊20'07	
	-4741 Nov 08 j 01:19	0°♍		evening max el	-4738 Jul 12 j 10:18	28°♊29'54	46°47'51
	-4741 Dec 02 j 21:51	0°♌			-4738 Jul 13 j 23:17	0°♈	
	-4741 Dec 27 j 13:37	0°♍		greatest brilliancy	-4738 Aug 21 j 06:33	28°♈23'05	-4.7m
desc. node	-4740 Jan 17 j 15:00	25°♍38'19			-4738 Aug 27 j 05:05	0°♍	
	-4740 Jan 21 j 04:58	0°♌		retrograde	-4738 Aug 31 j 14:56	0°♍22'50	
	-4740 Feb 14 j 20:24	0°♌			-4738 Sep 04 j 22:39	30°♌♈	
	-4740 Mar 10 j 11:03	0°♍		evening set	-4738 Sep 17 j 09:49	24°♌58'34	
morning set	-4740 Mar 23 j 15:23	16°♍06'08		inferior conj	-4738 Sep 21 j 05:35	22°♌41'53	-7°-25'-31
	-4740 Apr 04 j 00:00	0°♌		minimum elong	-4738 Sep 21 j 15:52	22°♌26'20	7°23'29
max. Earth dist.	-4740 Apr 25 j 15:22	26°♌33'11	1.73583 AU	min. Earth dist.	-4738 Sep 21 j 11:29	22°♌32'58	0.26524 AU
	-4740 Apr 28 j 10:39	0°♍		morning rise	-4738 Sep 25 j 21:48	19°♌56'10	
				direct	-4738 Oct 11 j 12:53	15°♌06'11	
superior conj	-4740 Apr 28 j 12:08	0°♍04'33	0°-24'-56	greatest brilliancy	-4738 Oct 23 j 23:26	18°♌00'52	-4.7m
minimum elong	-4740 Apr 28 j 16:48	0°♍18'53	0°24'45	asc. node	-4738 Oct 25 j 02:30	18°♌23'49	
asc. node	-4740 May 09 j 07:40	13°♍23'15			-4738 Nov 11 j 06:56	0°♍	
	-4740 May 22 j 18:46	0°♌		morning max el	-4738 Dec 01 j 03:06	18°♍27'13	46°41'39
evening rise	-4740 Jun 03 j 01:52	13°♌57'53			-4738 Dec 12 j 04:38	0°♌	
	-4740 Jun 16 j 00:34	0°♌			-4737 Jan 08 j 04:32	0°♍	
	-4740 Jul 10 j 05:02	0°♌			-4737 Feb 03 j 02:49	0°♌	
	-4740 Aug 03 j 09:51	0°♈		desc. node	-4737 Feb 14 j 02:49	12°♌54'39	
	-4740 Aug 27 j 17:16	0°♍			-4737 Feb 28 j 13:58	0°♌	
desc. node	-4740 Aug 29 j 04:59	1°♍49'46			-4737 Mar 25 j 17:49	0°♍	
	-4740 Sep 21 j 05:58	0°♌			-4737 Apr 19 j 15:17	0°♌	
	-4740 Oct 16 j 04:22	0°♍			-4737 May 14 j 06:29	0°♍	
	-4740 Nov 10 j 23:11	0°♌		morning set	-4737 May 30 j 07:09	19°♍41'26	
evening max el	-4740 Dec 05 j 15:41	26°♌38'57	46°31'39	asc. node	-4737 Jun 06 j 20:15	29°♍00'25	
	-4740 Dec 09 j 00:08	0°♌			-4737 Jun 07 j 15:31	0°♌	
asc. node	-4740 Dec 19 j 23:08	10°♌16'07		max. Earth dist.	-4737 Jul 01 j 09:27	29°♌30'23	1.72141 AU
greatest brilliancy	-4739 Jan 09 j 20:52	25°♌14'41	-4.6m		-4737 Jul 01 j 18:56	0°♌	
retrograde	-4739 Jan 24 j 20:15	29°♌18'19					
evening set	-4739 Feb 11 j 15:11	23°♌11'04		superior conj	-4737 Jul 05 j 16:35	4°♌52'16	1°00'46
inferior conj	-4739 Feb 15 j 06:02	20°♌53'41	8°13'28	minimum elong	-4737 Jul 05 j 07:40	4°♌24'26	1°00'42
minimum elong	-4739 Feb 15 j 07:01	20°♌52'06	8°13'14		-4737 Jul 25 j 18:12	0°♌	
min. Earth dist.	-4739 Feb 15 j 01:44	21°♌00'35	0.29229 AU	evening rise	-4737 Aug 12 j 02:13	21°♌45'50	
morning rise	-4739 Feb 18 j 22:59	18°♌33'05			-4737 Aug 18 j 15:34	0°♈	
direct	-4739 Mar 08 j 18:37	12°♌29'36			-4737 Sep 11 j 13:24	0°♍	
greatest brilliancy	-4739 Mar 20 j 22:14	15°♌06'05	-4.5m	desc. node	-4737 Sep 26 j 17:20	18°♍58'02	
desc. node	-4739 Apr 10 j 23:22	28°♌24'08			-4737 Oct 05 j 13:38	0°♌	
	-4739 Apr 12 j 22:24	0°♍			-4737 Oct 29 j 17:45	0°♍	
morning max el	-4739 Apr 26 j 12:47	12°♍09'04	45°49'59		-4737 Nov 23 j 04:00	0°♌	
	-4739 May 14 j 07:06	0°♌			-4737 Dec 18 j 01:19	0°♌	
	-4739 Jun 10 j 14:44	0°♍			-4736 Jan 12 j 20:50	0°♍	
	-4739 Jul 06 j 08:26	0°♌		asc. node	-4736 Jan 17 j 10:38	5°♍08'08	
	-4739 Jul 31 j 04:02	0°♌			-4736 Feb 09 j 18:51	0°♌	
asc. node	-4739 Aug 01 j 18:30	1°♌58'00		evening max el	-4736 Feb 15 j 14:42	5°♌44'05	45°14'57
	-4739 Aug 24 j 09:27	0°♌			-4736 Mar 17 j 08:11	0°♍	
	-4739 Sep 17 j 06:48	0°♈		greatest brilliancy	-4736 Mar 20 j 15:11	1°♍39'01	-4.5m
	-4739 Oct 11 j 01:21	0°♍		retrograde	-4736 Apr 03 j 21:01	5°♍08'51	
morning set	-4739 Oct 24 j 19:33	17°♍20'37		evening set	-4736 Apr 19 j 08:57	0°♍33'49	
	-4739 Nov 03 j 20:58	0°♌			-4736 Apr 20 j 08:57	30°♌♌	
desc. node	-4739 Nov 21 j 16:20	22°♌19'39		inferior conj	-4736 Apr 25 j 06:36	27°♌01'50	2°57'28
	-4739 Nov 27 j 19:35	0°♍		minimum elong	-4736 Apr 25 j 12:38	26°♌52'27	2°55'50
				min. Earth dist.	-4736 Apr 26 j 01:18	26°♌32'44	0.28988 AU
superior conj	-4739 Dec 06 j 02:36	10°♍21'01	0°-32'-34	morning rise	-4736 May 01 j 15:51	23°♌12'48	
minimum elong	-4739 Dec 05 j 18:28	9°♍55'41	0°32'22	desc. node	-4736 May 08 j 10:36	20°♌09'04	
max. Earth dist.	-4739 Dec 11 j 00:00	16°♍26'46	1.71915 AU	direct	-4736 May 17 j 02:59	18°♌40'13	
	-4739 Dec 21 j 21:33	0°♌		greatest brilliancy	-4736 May 31 j 16:14	22°♌21'11	-4.5m
	-4738 Jan 15 j 02:39	0°♌			-4736 Jun 13 j 05:31	0°♍	
evening rise	-4738 Jan 15 j 18:25	0°♌48'40		morning max el	-4736 Jul 05 j 14:25	19°♍23'56	46°13'37
	-4738 Feb 08 j 11:13	0°♍			-4736 Jul 16 j 02:10	0°♌	
	-4738 Mar 05 j 00:20	0°♌			-4736 Aug 12 j 06:08	0°♌	
asc. node	-4738 Mar 14 j 08:47	11°♌21'03		asc. node	-4736 Aug 29 j 06:13	19°♌59'34	
	-4738 Mar 29 j 19:42	0°♍			-4736 Sep 06 j 13:53	0°♌	
	-4738 Apr 23 j 23:33	0°♌			-4736 Oct 01 j 00:56	0°♈	
	-4738 May 19 j 15:44	0°♌			-4736 Oct 25 j 03:10	0°♍	
	-4738 Jun 15 j 05:38	0°♌			-4736 Nov 18 j 03:41	0°♌	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 34

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4736 Dec 12 j 06:08	0°♌	evening set	-4733 Jul 01 j 03:08	8°♐49'11	
desc. node	-4736 Dec 19 j 04:55	8°♌37'19	inferior conj	-4733 Jul 06 j 11:50	5°♐41'17	-6°-31'-31
	-4735 Jan 05 j 11:25	0°♏	minimum elong	-4733 Jul 06 j 01:23	5°♐57'06	6°29'12
morning set	-4735 Jan 09 j 17:44	5°♏15'58	min. Earth dist.	-4733 Jul 06 j 19:09	5°♐30'12	0.27688 AU
	-4735 Jan 29 j 19:01	0°♑	morning rise	-4733 Jul 10 j 23:07	3°♐01'46	
				-4733 Jul 17 j 00:21	30°♑♏	
superior conj	-4735 Feb 17 j 17:54	23°♑19'31	-1°-22'-41	direct	-4733 Jul 27 j 15:30	27°♑45'30
minimum elong	-4735 Feb 17 j 19:57	23°♑25'50	1°22'56		-4733 Aug 07 j 17:33	0°♐
max. Earth dist.	-4735 Feb 19 j 01:20	24°♑56'10	1.73437 AU	greatest brilliancy	-4733 Aug 10 j 21:25	1°♐22'03 -4.6m
	-4735 Feb 23 j 04:10	0°♑			-4733 Sep 15 j 15:17	0°♑
	-4735 Mar 19 j 14:30	0°♒	morning max el	-4733 Sep 16 j 03:13	0°♑30'16	46°47'21
evening rise	-4735 Mar 26 j 15:43	8°♒38'57	asc. node	-4733 Sep 26 j 17:34	11°♑38'34	
asc. node	-4735 Apr 10 j 21:13	27°♒18'32		-4733 Oct 13 j 03:55	0°♑	
	-4735 Apr 13 j 01:58	0°♑		-4733 Nov 07 j 15:28	0°♑	
	-4735 May 07 j 14:49	0°♒		-4733 Dec 02 j 10:48	0°♑	
	-4735 Jun 01 j 05:37	0°♐		-4733 Dec 27 j 01:51	0°♌	
	-4735 Jun 25 j 23:52	0°♑		desc. node	-4732 Jan 16 j 17:00	25°♌08'27
	-4735 Jul 21 j 00:38	0°♑			-4732 Jan 20 j 16:43	0°♏
desc. node	-4735 Jul 31 j 18:55	12°♑44'05			-4732 Feb 14 j 07:46	0°♑
	-4735 Aug 15 j 14:09	0°♑			-4732 Mar 09 j 22:07	0°♑
	-4735 Sep 11 j 07:35	0°♑	morning set	-4732 Mar 21 j 09:29	14°♑01'13	
evening max el	-4735 Sep 23 j 12:44	12°♑50'33	47°37'29		-4732 Apr 03 j 10:53	0°♒
	-4735 Oct 11 j 16:59	0°♌	max. Earth dist.	-4732 Apr 23 j 13:39	24°♒40'53	1.73610 AU
greatest brilliancy	-4735 Oct 31 j 14:09	13°♌34'27	-4.7m			
retrograde	-4735 Nov 13 j 15:08	16°♌45'50		superior conj	-4732 Apr 26 j 07:13	28°♒02'23 0°-27'-47
asc. node	-4735 Nov 21 j 13:53	15°♌25'59		minimum elong	-4732 Apr 26 j 12:22	28°♒18'12 0°27'36
evening set	-4735 Nov 28 j 07:38	12°♌21'37			-4732 Apr 27 j 21:28	0°♑
min. Earth dist.	-4735 Dec 03 j 09:18	9°♌17'59	0.27202 AU	asc. node	-4732 May 08 j 09:54	12°♑56'43
inferior conj	-4735 Dec 04 j 09:47	8°♌39'22	3°07'57		-4732 May 22 j 05:40	0°♒
minimum elong	-4735 Dec 04 j 03:27	8°♌49'22	3°05'59	evening rise	-4732 May 31 j 21:04	11°♒54'58
morning rise	-4735 Dec 10 j 00:18	5°♌16'12			-4732 Jun 15 j 11:40	0°♐
direct	-4735 Dec 24 j 22:53	0°♌49'44			-4732 Jul 09 j 16:24	0°♑
greatest brilliancy	-4734 Jan 04 j 13:06	2°♌55'35	-4.6m		-4732 Aug 02 j 21:34	0°♑
	-4734 Feb 10 j 10:27	0°♏			-4732 Aug 27 j 05:28	0°♑
morning max el	-4734 Feb 12 j 02:37	1°♏36'22	46°05'24	desc. node	-4732 Aug 28 j 07:03	1°♑18'33
	-4734 Mar 11 j 14:37	0°♑			-4732 Sep 20 j 18:50	0°♑
desc. node	-4734 Mar 13 j 14:22	2°♑09'46			-4732 Oct 15 j 18:20	0°♌
	-4734 Apr 07 j 12:17	0°♑			-4732 Nov 10 j 15:25	0°♏
	-4734 May 03 j 09:07	0°♒		evening max el	-4732 Dec 03 j 06:53	24°♏22'04 46°34'50
	-4734 May 28 j 13:51	0°♑			-4732 Dec 08 j 23:12	0°♑
	-4734 Jun 22 j 06:08	0°♒		asc. node	-4732 Dec 19 j 01:15	9°♑16'48
asc. node	-4734 Jul 04 j 08:32	14°♒54'20		greatest brilliancy	-4731 Jan 07 j 13:15	23°♑03'38 -4.6m
	-4734 Jul 16 j 12:21	0°♐		retrograde	-4731 Jan 22 j 13:48	27°♑09'09
morning set	-4734 Aug 07 j 20:18	27°♐57'33		evening set	-4731 Feb 09 j 07:56	21°♑01'46
	-4734 Aug 09 j 11:14	0°♑		inferior conj	-4731 Feb 12 j 23:01	18°♑44'10 8°14'34
	-4734 Sep 02 j 06:05	0°♑		minimum elong	-4731 Feb 12 j 23:18	18°♑43'41 8°14'20
				min. Earth dist.	-4731 Feb 12 j 17:15	18°♑53'23 0.29197 AU
superior conj	-4734 Sep 16 j 02:59	17°♑31'26	1°13'19	morning rise	-4731 Feb 16 j 14:50	16°♑25'29
minimum elong	-4734 Sep 16 j 12:29	18°♑01'28	1°13'17	direct	-4731 Mar 06 j 10:44	10°♑20'32
max. Earth dist.	-4734 Sep 17 j 07:09	19°♑00'22	1.70839 AU	greatest brilliancy	-4731 Mar 18 j 13:15	12°♑56'12 -4.5m
	-4734 Sep 26 j 00:12	0°♑		desc. node	-4731 Apr 10 j 01:33	27°♑24'22
	-4734 Oct 19 j 20:02	0°♑			-4731 Apr 13 j 03:49	0°♑
desc. node	-4734 Oct 24 j 05:59	5°♑32'25		morning max el	-4731 Apr 24 j 05:34	10°♑01'35 45°49'52
evening rise	-4734 Oct 28 j 08:49	10°♑42'16			-4731 May 14 j 00:21	0°♒
	-4734 Nov 12 j 18:57	0°♌			-4731 Jun 10 j 04:43	0°♑
	-4734 Dec 06 j 21:39	0°♏			-4731 Jul 05 j 21:01	0°♒
	-4734 Dec 31 j 05:15	0°♑			-4731 Jul 30 j 15:55	0°♐
	-4733 Jan 24 j 20:25	0°♑		asc. node	-4731 Jul 31 j 20:32	1°♐27'49
asc. node	-4733 Feb 13 j 22:34	24°♑01'47			-4731 Aug 23 j 20:59	0°♑
	-4733 Feb 19 j 00:04	0°♒			-4731 Sep 16 j 18:08	0°♑
	-4733 Mar 17 j 00:40	0°♑			-4731 Oct 10 j 12:34	0°♑
	-4733 Apr 13 j 16:57	0°♒		morning set	-4731 Oct 22 j 05:41	14°♑46'08
evening max el	-4733 Apr 27 j 16:32	13°♒53'40	45°20'24		-4731 Nov 03 j 08:07	0°♑
	-4733 May 16 j 06:18	0°♐		desc. node	-4731 Nov 20 j 18:33	21°♑51'59
greatest brilliancy	-4733 Jun 03 j 16:45	11°♐02'23	-4.5m		-4731 Nov 27 j 06:39	0°♌
desc. node	-4733 Jun 05 j 22:04	11°♐50'26				
retrograde	-4733 Jun 15 j 09:06	13°♐27'09		superior conj	-4731 Dec 03 j 12:39	7°♌48'21 0°-28'-59

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4731 Dec 03 j 05:15	7° \mathbb{M} 25'14	0°28'47	greatest brilliancy	-4728 May 29 j 06:39	20° \mathbb{H} 09'48	-4.5m
max. Earth dist.	-4731 Dec 08 j 10:40	13° \mathbb{M} 56'16	1.71857 AU		-4728 Jun 13 j 19:01	0° \mathbb{Y}	
	-4731 Dec 21 j 08:31	0° \mathbb{X}		morning max el	-4728 Jul 03 j 05:34	17° \mathbb{Y} 10'11	46°12'18
evening rise	-4730 Jan 13 j 08:12	28° \mathbb{X} 29'13			-4728 Jul 15 j 20:44	0° \mathbb{B}	
	-4730 Jan 14 j 13:36	0° \mathbb{Z}			-4728 Aug 11 j 20:44	0° \mathbb{H}	
	-4730 Feb 07 j 22:14	0° \approx		asc. node	-4728 Aug 28 j 08:24	19° \mathbb{H} 25'52	
	-4730 Mar 04 j 11:34	0° \mathbb{H}			-4728 Sep 06 j 02:54	0° \mathbb{S}	
asc. node	-4730 Mar 13 j 10:54	10° \mathbb{H} 53'06			-4728 Sep 30 j 13:10	0° \mathbb{Q}	
	-4730 Mar 29 j 07:24	0° \mathbb{Y}			-4728 Oct 24 j 14:57	0° \mathbb{M}	
	-4730 Apr 23 j 12:03	0° \mathbb{B}			-4728 Nov 17 j 15:10	0° \mathbb{L}	
	-4730 May 19 j 05:42	0° \mathbb{H}			-4728 Dec 11 j 17:21	0° \mathbb{M}	
	-4730 Jun 14 j 22:34	0° \mathbb{S}		desc. node	-4728 Dec 18 j 06:52	8° \mathbb{M} 08'44	
desc. node	-4730 Jul 03 j 09:18	19° \mathbb{S} 31'21			-4727 Jan 04 j 22:26	0° \mathbb{X}	
evening max el	-4730 Jul 10 j 00:05	26° \mathbb{S} 07'54	46°44'41	morning set	-4727 Jan 07 j 06:11	2° \mathbb{X} 52'17	
	-4730 Jul 14 j 00:22	0° \mathbb{Q}			-4727 Jan 29 j 05:52	0° \mathbb{Z}	
greatest brilliancy	-4730 Aug 18 j 18:04	25° \mathbb{Q} 53'15	-4.7m				
retrograde	-4730 Aug 29 j 03:18	27° \mathbb{Q} 53'03		superior conj	-4727 Feb 15 j 10:14	21° \mathbb{Z} 09'06	-1°-23'00
evening set	-4730 Sep 15 j 01:06	22° \mathbb{Q} 24'05		minimum elong	-4727 Feb 15 j 11:34	21° \mathbb{Z} 13'11	1°23'15
inferior conj	-4730 Sep 18 j 17:31	20° \mathbb{Q} 12'11	-7°-38'-55	max. Earth dist.	-4727 Feb 16 j 22:17	22° \mathbb{Z} 59'55	1.73397 AU
minimum elong	-4730 Sep 19 j 03:27	19° \mathbb{Q} 57'09	7°37'04		-4727 Feb 22 j 14:54	0° \approx	
min. Earth dist.	-4730 Sep 18 j 23:28	20° \mathbb{Q} 03'12	0.26549 AU		-4727 Mar 19 j 01:13	0° \mathbb{H}	
morning rise	-4730 Sep 23 j 05:44	17° \mathbb{Q} 32'18		evening rise	-4727 Mar 24 j 10:10	6° \mathbb{H} 35'27	
direct	-4730 Oct 09 j 01:55	12° \mathbb{Q} 36'25		asc. node	-4727 Apr 09 j 23:28	26° \mathbb{H} 52'20	
greatest brilliancy	-4730 Oct 21 j 12:24	15° \mathbb{Q} 31'34	-4.7m		-4727 Apr 12 j 12:49	0° \mathbb{Y}	
asc. node	-4730 Oct 24 j 04:47	16° \mathbb{Q} 48'54			-4727 May 07 j 01:57	0° \mathbb{B}	
	-4730 Nov 11 j 18:22	0° \mathbb{M}			-4727 May 31 j 17:15	0° \mathbb{H}	
morning max el	-4730 Nov 28 j 17:17	16° \mathbb{M} 03'22	46°42'42		-4727 Jun 25 j 12:13	0° \mathbb{S}	
	-4730 Dec 11 j 23:54	0° \mathbb{L}			-4727 Jul 20 j 14:06	0° \mathbb{Q}	
	-4729 Jan 07 j 19:39	0° \mathbb{M}		desc. node	-4727 Jul 30 j 20:58	12° \mathbb{Q} 08'42	
	-4729 Feb 02 j 16:00	0° \mathbb{X}			-4727 Aug 15 j 05:29	0° \mathbb{M}	
desc. node	-4729 Feb 13 j 04:55	12° \mathbb{X} 23'28			-4727 Sep 11 j 02:57	0° \mathbb{L}	
	-4729 Feb 28 j 02:05	0° \mathbb{Z}		evening max el	-4727 Sep 21 j 02:50	10° \mathbb{L} 26'41	47°37'43
	-4729 Mar 25 j 05:18	0° \approx			-4727 Oct 12 j 04:30	0° \mathbb{M}	
	-4729 Apr 19 j 02:23	0° \mathbb{H}		greatest brilliancy	-4727 Oct 29 j 08:20	11° \mathbb{M} 14'45	-4.7m
	-4729 May 13 j 17:22	0° \mathbb{Y}		retrograde	-4727 Nov 11 j 05:06	14° \mathbb{M} 21'33	
morning set	-4729 May 28 j 01:46	17° \mathbb{Y} 37'40		asc. node	-4727 Nov 20 j 16:00	12° \mathbb{M} 29'21	
asc. node	-4729 Jun 05 j 22:21	28° \mathbb{Y} 33'36		evening set	-4727 Nov 25 j 20:53	9° \mathbb{M} 59'33	
	-4729 Jun 07 j 02:18	0° \mathbb{B}		min. Earth dist.	-4727 Dec 01 j 00:23	6° \mathbb{M} 53'30	0.27132 AU
max. Earth dist.	-4729 Jun 28 j 23:35	27° \mathbb{B} 11'14	1.72203 AU	inferior conj	-4727 Dec 01 j 23:50	6° \mathbb{M} 16'30	2°47'09
	-4729 Jul 01 j 05:43	0° \mathbb{H}		minimum elong	-4727 Dec 01 j 18:07	6° \mathbb{M} 25'32	2°45'20
				morning rise	-4727 Dec 07 j 16:18	2° \mathbb{M} 50'33	
superior conj	-4729 Jul 03 j 09:39	2° \mathbb{H} 41'59	0°58'29		-4727 Dec 13 j 20:14	30° \mathbb{R} \mathbb{L}	
minimum elong	-4729 Jul 03 j 00:48	2° \mathbb{H} 14'22	0°58'24	direct	-4727 Dec 22 j 11:46	28° \mathbb{L} 28'02	
	-4729 Jul 25 j 05:05	0° \mathbb{S}			-4727 Dec 31 j 12:00	0° \mathbb{M}	
evening rise	-4729 Aug 09 j 15:56	19° \mathbb{S} 23'38		greatest brilliancy	-4726 Jan 02 j 03:38	0° \mathbb{M} 35'01	-4.6m
	-4729 Aug 18 j 02:37	0° \mathbb{Q}		morning max el	-4726 Feb 09 j 15:46	29° \mathbb{M} 16'29	46°06'36
	-4729 Sep 11 j 00:40	0° \mathbb{M}			-4726 Feb 10 j 09:44	0° \mathbb{X}	
desc. node	-4729 Sep 25 j 19:30	18° \mathbb{M} 29'13			-4726 Mar 11 j 06:42	0° \mathbb{Z}	
	-4729 Oct 05 j 01:09	0° \mathbb{L}		desc. node	-4726 Mar 12 j 16:30	1° \mathbb{Z} 32'20	
	-4729 Oct 29 j 05:33	0° \mathbb{M}			-4726 Apr 07 j 01:45	0° \approx	
	-4729 Nov 22 j 16:14	0° \mathbb{X}			-4726 May 02 j 21:18	0° \mathbb{H}	
	-4729 Dec 17 j 14:23	0° \mathbb{Z}			-4726 May 28 j 01:22	0° \mathbb{Y}	
	-4728 Jan 12 j 11:43	0° \approx			-4726 Jun 21 j 17:17	0° \mathbb{B}	
asc. node	-4728 Jan 16 j 12:44	4° \approx 31'13		asc. node	-4726 Jul 03 j 10:35	14° \mathbb{B} 26'25	
	-4728 Feb 09 j 14:59	0° \mathbb{H}			-4726 Jul 15 j 23:22	0° \mathbb{H}	
evening max el	-4728 Feb 13 j 06:37	3° \mathbb{H} 34'14	45°16'23	morning set	-4726 Aug 05 j 10:23	25° \mathbb{H} 36'19	
greatest brilliancy	-4728 Mar 18 j 07:08	29° \mathbb{H} 31'40	-4.5m		-4726 Aug 08 j 22:14	0° \mathbb{S}	
	-4728 Mar 19 j 08:26	0° \mathbb{Y}			-4726 Sep 01 j 17:07	0° \mathbb{Q}	
retrograde	-4728 Apr 01 j 12:56	3° \mathbb{Y} 01'49					
	-4728 Apr 14 j 00:51	30° \mathbb{R} \mathbb{H}		superior conj	-4726 Sep 13 j 13:54	14° \mathbb{Q} 59'27	1°15'07
evening set	-4728 Apr 17 j 03:23	28° \mathbb{H} 23'58		minimum elong	-4726 Sep 13 j 22:48	15° \mathbb{Q} 27'34	1°15'06
inferior conj	-4728 Apr 22 j 23:05	24° \mathbb{H} 54'11	3°15'08	max. Earth dist.	-4726 Sep 14 j 09:13	16° \mathbb{Q} 00'28	1.70849 AU
minimum elong	-4728 Apr 23 j 05:36	24° \mathbb{H} 44'01	3°13'24		-4726 Sep 25 j 11:16	0° \mathbb{M}	
min. Earth dist.	-4728 Apr 23 j 17:52	24° \mathbb{H} 24'53	0.29026 AU		-4726 Oct 19 j 07:10	0° \mathbb{L}	
morning rise	-4728 Apr 29 j 07:22	21° \mathbb{H} 05'50		desc. node	-4726 Oct 23 j 08:07	5° \mathbb{L} 04'10	
desc. node	-4728 May 07 j 12:50	17° \mathbb{H} 34'26		evening rise	-4726 Oct 25 j 16:57	8° \mathbb{L} 02'24	
direct	-4728 May 14 j 19:44	16° \mathbb{H} 32'03			-4726 Nov 12 j 06:09	0° \mathbb{M}	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4726 Dec 06 j 08:57	0°♊				-4723 Jul 05 j 09:36	0°♋		
	-4726 Dec 30 j 16:45	0°♌				-4723 Jul 30 j 03:49	0°♍		
	-4725 Jan 24 j 08:19	0°♎			asc. node	-4723 Jul 30 j 22:46	0°♎58'10		
asc. node	-4725 Feb 13 j 00:45	23°♎31'15				-4723 Aug 23 j 08:31	0°♏		
	-4725 Feb 18 j 12:47	0°♐				-4723 Sep 16 j 05:31	0°♑		
	-4725 Mar 16 j 15:08	0°♒				-4723 Oct 09 j 23:54	0°♓		
	-4725 Apr 13 j 11:48	0°♈			morning set	-4723 Oct 19 j 15:40	12°♓10'47		
evening max el	-4725 Apr 25 j 06:32	11°♈37'57	45°18'44			-4723 Nov 02 j 19:24	0°♐		
	-4725 May 16 j 21:53	0°♑			desc. node	-4723 Nov 19 j 20:32	21°♐22'59		
greatest brilliancy	-4725 Jun 01 j 02:43	8°♑41'08	-4.5m			-4723 Nov 26 j 17:53	0°♒		
desc. node	-4725 Jun 05 j 00:02	10°♑00'28							
retrograde	-4725 Jun 12 j 22:49	11°♑09'41			superior conj	-4723 Nov 30 j 22:03	5°♒12'51	0°-25'-16	
evening set	-4725 Jun 28 j 13:39	6°♑35'15			minimum elong	-4723 Nov 30 j 15:28	4°♒52'17	0°25'06	
inferior conj	-4725 Jul 04 j 01:40	3°♑23'01	-6°-16'-2		max. Earth dist.	-4723 Dec 05 j 21:54	11°♒26'43	1.71800 AU	
minimum elong	-4725 Jul 03 j 15:13	3°♑38'48	6°13'36			-4723 Dec 20 j 19:41	0°♊		
min. Earth dist.	-4725 Jul 04 j 09:15	3°♑11'33	0.27736 AU		evening rise	-4722 Jan 10 j 21:21	26°♊07'05		
morning rise	-4725 Jul 08 j 16:16	0°♑38'59				-4722 Jan 14 j 00:44	0°♋		
	-4725 Jul 09 j 20:14	30°♌				-4722 Feb 07 j 09:25	0°♎		
direct	-4725 Jul 25 j 06:01	25°♌26'02				-4722 Mar 03 j 23:00	0°♈		
greatest brilliancy	-4725 Aug 08 j 14:32	29°♌05'42	-4.6m		asc. node	-4722 Mar 12 j 13:06	10°♈24'49		
	-4725 Aug 10 j 09:48	0°♑				-4722 Mar 28 j 19:19	0°♒		
morning max el	-4725 Sep 13 j 17:48	28°♑08'21	46°46'38			-4722 Apr 23 j 00:50	0°♈		
	-4725 Sep 15 j 13:31	0°♏				-4722 May 18 j 20:01	0°♑		
asc. node	-4725 Sep 25 j 19:50	10°♏52'51				-4722 Jun 14 j 16:01	0°♏		
	-4725 Oct 12 j 20:09	0°♑			desc. node	-4722 Jul 02 j 11:28	18°♏41'38		
	-4725 Nov 07 j 05:28	0°♓			evening max el	-4722 Jul 07 j 14:06	23°♏46'11	46°41'31	
	-4725 Dec 01 j 23:39	0°♐				-4722 Jul 14 j 02:56	0°♑		
	-4725 Dec 26 j 13:59	0°♒			greatest brilliancy	-4722 Aug 16 j 06:13	23°♑24'14	-4.6m	
desc. node	-4724 Jan 15 j 19:07	24°♒39'16			retrograde	-4722 Aug 26 j 15:24	25°♑23'11		
	-4724 Jan 20 j 04:20	0°♊			evening set	-4722 Sep 12 j 16:26	19°♑49'57		
	-4724 Feb 13 j 19:01	0°♋			inferior conj	-4722 Sep 16 j 05:33	17°♑42'38	-7°-51'-20	
	-4724 Mar 09 j 09:06	0°♎			minimum elong	-4722 Sep 16 j 15:04	17°♑28'14	7°49'40	
morning set	-4724 Mar 19 j 03:29	11°♎56'07			min. Earth dist.	-4722 Sep 16 j 11:39	17°♑33'24	0.26574 AU	
	-4724 Apr 02 j 21:42	0°♈			morning rise	-4722 Sep 20 j 13:38	15°♑08'29		
max. Earth dist.	-4724 Apr 21 j 12:55	22°♈51'42	1.73632 AU		direct	-4722 Oct 06 j 14:52	10°♑06'53		
					greatest brilliancy	-4722 Oct 19 j 01:04	13°♑01'39	-4.7m	
superior conj	-4724 Apr 24 j 02:21	26°♈00'29	0°-30'-37		asc. node	-4722 Oct 23 j 06:54	15°♑09'24		
minimum elong	-4724 Apr 24 j 07:57	26°♈17'43	0°30'25			-4722 Nov 12 j 03:01	0°♓		
	-4724 Apr 27 j 08:16	0°♒			morning max el	-4722 Nov 26 j 06:42	13°♓36'48	46°43'27	
asc. node	-4724 May 07 j 11:59	12°♒29'54				-4722 Dec 11 j 18:55	0°♐		
	-4724 May 21 j 16:31	0°♈				-4721 Jan 07 j 10:52	0°♒		
evening rise	-4724 May 29 j 16:27	9°♈52'52				-4721 Feb 02 j 05:25	0°♊		
	-4724 Jun 14 j 22:42	0°♑			desc. node	-4721 Feb 12 j 07:06	11°♊51'42		
	-4724 Jul 09 j 03:42	0°♏				-4721 Feb 27 j 14:27	0°♋		
	-4724 Aug 02 j 09:17	0°♑				-4721 Mar 24 j 17:01	0°♎		
	-4724 Aug 26 j 17:43	0°♓				-4721 Apr 18 j 13:42	0°♈		
desc. node	-4724 Aug 27 j 09:13	0°♓47'34				-4721 May 13 j 04:28	0°♒		
	-4724 Sep 20 j 07:51	0°♐			morning set	-4721 May 25 j 20:17	15°♒32'55		
	-4724 Oct 15 j 08:34	0°♒			asc. node	-4721 Jun 05 j 00:22	28°♒05'45		
	-4724 Nov 10 j 08:05	0°♊				-4721 Jun 06 j 13:19	0°♈		
evening max el	-4724 Nov 30 j 22:56	22°♊06'49	46°38'10		max. Earth dist.	-4721 Jun 26 j 13:24	24°♈50'21	1.72266 AU	
	-4724 Dec 08 j 23:30	0°♋				-4721 Jun 30 j 16:46	0°♑		
asc. node	-4724 Dec 18 j 03:20	8°♋15'34							
greatest brilliancy	-4723 Jan 05 j 06:05	20°♋52'39	-4.6m		superior conj	-4721 Jul 01 j 02:52	0°♑31'30	0°56'08	
retrograde	-4723 Jan 20 j 07:29	24°♋59'04			minimum elong	-4721 Jun 30 j 18:07	0°♑04'12	0°56'01	
evening set	-4723 Feb 07 j 00:18	18°♋52'02				-4721 Jul 24 j 16:15	0°♏		
inferior conj	-4723 Feb 10 j 15:48	16°♋33'45	8°15'03		evening rise	-4721 Aug 07 j 06:04	17°♏01'59		
minimum elong	-4723 Feb 10 j 15:25	16°♋34'22	8°14'48			-4721 Aug 17 j 13:56	0°♑		
min. Earth dist.	-4723 Feb 10 j 08:20	16°♋45'43	0.29158 AU			-4721 Sep 10 j 12:11	0°♓		
morning rise	-4723 Feb 14 j 06:45	14°♋16'36			desc. node	-4721 Sep 24 j 21:38	17°♓59'33		
direct	-4723 Mar 04 j 03:07	8°♋10'47				-4721 Oct 04 j 12:53	0°♐		
greatest brilliancy	-4723 Mar 16 j 02:58	10°♋44'24	-4.5m			-4721 Oct 28 j 17:36	0°♒		
desc. node	-4723 Apr 09 j 03:46	26°♋25'46				-4721 Nov 22 j 04:46	0°♊		
	-4723 Apr 13 j 07:31	0°♎				-4721 Dec 17 j 03:50	0°♋		
morning max el	-4723 Apr 21 j 22:43	7°♎54'49	45°49'45			-4720 Jan 12 j 03:11	0°♎		
	-4723 May 13 j 17:21	0°♈			asc. node	-4720 Jan 15 j 14:57	3°♎53'15		
	-4723 Jun 09 j 18:39	0°♒				-4720 Feb 09 j 12:18	0°♈		

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4720 Feb 10 j 21:46	1° K 21'16	45°17'58	morning set	-4718 Aug 03 j 00:35	23° II 14'52	
greatest brilliancy	-4720 Mar 15 j 22:43	27° K 22'41	-4.5m		-4718 Aug 08 j 09:30	0° S	
	-4720 Mar 23 j 04:44	0° Y			-4718 Sep 01 j 04:25	0° Q	
retrograde	-4720 Mar 30 j 04:44	0° Y 54'00					
	-4720 Apr 05 j 23:34	30° R K		superior conj	-4718 Sep 11 j 00:58	12° Q 27'05	1°16'44
evening set	-4720 Apr 14 j 21:56	26° K 12'57		minimum elong	-4718 Sep 11 j 09:11	12° Q 53'02	1°16'46
inferior conj	-4720 Apr 20 j 15:40	22° K 45'45	3°32'28	max. Earth dist.	-4718 Sep 11 j 14:24	13° Q 09'28	1.70865 AU
minimum elong	-4720 Apr 20 j 22:38	22° K 34'52	3°30'38		-4718 Sep 24 j 22:38	0° M	
min. Earth dist.	-4720 Apr 21 j 10:44	22° K 15'56	0.29063 AU		-4718 Oct 18 j 18:36	0° L	
morning rise	-4720 Apr 26 j 22:49	18° K 58'18		desc. node	-4718 Oct 22 j 10:06	4° L 34'33	
desc. node	-4720 May 06 j 14:49	15° K 03'30		evening rise	-4718 Oct 23 j 01:15	5° L 22'03	
direct	-4720 May 12 j 12:02	14° K 22'55			-4718 Nov 11 j 17:39	0° M	
greatest brilliancy	-4720 May 26 j 21:37	17° K 58'14	-4.5m		-4718 Dec 05 j 20:31	0° J	
	-4720 Jun 14 j 05:31	0° Y			-4718 Dec 30 j 04:29	0° Z	
morning max el	-4720 Jun 30 j 20:27	14° Y 54'55	46°11'01		-4717 Jan 23 j 20:26	0° W	
	-4720 Jul 15 j 15:11	0° X		asc. node	-4717 Feb 12 j 02:55	22° W 59'58	
	-4720 Aug 11 j 11:30	0° II			-4717 Feb 18 j 01:47	0° K	
asc. node	-4720 Aug 27 j 10:33	18° II 51'16			-4717 Mar 16 j 06:02	0° Y	
	-4720 Sep 05 j 16:08	0° S			-4717 Apr 13 j 07:31	0° X	
	-4720 Sep 30 j 01:38	0° Q		evening max el	-4717 Apr 22 j 21:37	9° X 24'13	45°17'06
	-4720 Oct 24 j 02:58	0° M			-4717 May 17 j 19:16	0° II	
	-4720 Nov 17 j 02:52	0° L		greatest brilliancy	-4717 May 29 j 12:37	6° II 19'28	-4.5m
	-4720 Dec 11 j 04:49	0° M		desc. node	-4717 Jun 04 j 02:15	8° II 05'49	
desc. node	-4720 Dec 17 j 08:58	7° M 39'52		retrograde	-4717 Jun 10 j 13:00	8° II 51'50	
	-4719 Jan 04 j 09:42	0° J		evening set	-4717 Jun 26 j 00:32	4° II 20'53	
morning set	-4719 Jan 04 j 18:38	0° J 27'35		inferior conj	-4717 Jul 01 j 15:37	1° II 04'21	-5°-59'-52
	-4719 Jan 28 j 17:00	0° Z		minimum elong	-4717 Jul 01 j 05:15	1° II 20'00	5°57'23
				min. Earth dist.	-4717 Jul 01 j 23:10	0° II 52'58	0.27782 AU
superior conj	-4719 Feb 13 j 02:26	18° Z 57'13	-1°-23'-11		-4717 Jul 03 j 10:19	30° R X	
minimum elong	-4719 Feb 13 j 03:01	18° Z 59'01	1°23'26	morning rise	-4717 Jul 06 j 09:29	28° X 15'53	
max. Earth dist.	-4719 Feb 14 j 16:59	20° Z 55'48	1.73360 AU	direct	-4717 Jul 22 j 21:08	23° X 06'29	
	-4719 Feb 22 j 01:58	0° W		greatest brilliancy	-4717 Aug 06 j 06:55	26° X 48'11	-4.6m
	-4719 Mar 18 j 12:16	0° K			-4717 Aug 12 j 02:00	0° II	
evening rise	-4719 Mar 22 j 04:20	4° K 30'01		morning max el	-4717 Sep 11 j 08:56	25° II 47'35	46°45'45
asc. node	-4719 Apr 09 j 01:29	26° K 24'23			-4717 Sep 15 j 11:08	0° S	
	-4719 Apr 11 j 23:59	0° Y		asc. node	-4717 Sep 24 j 21:56	10° S 06'47	
	-4719 May 06 j 13:25	0° X			-4717 Oct 12 j 12:19	0° Q	
	-4719 May 31 j 05:14	0° II			-4717 Nov 06 j 19:33	0° M	
	-4719 Jun 25 j 00:59	0° S			-4717 Dec 01 j 12:38	0° L	
	-4719 Jul 20 j 04:02	0° Q			-4717 Dec 26 j 02:17	0° M	
desc. node	-4719 Jul 29 j 23:11	11° Q 32'26		desc. node	-4716 Jan 14 j 21:18	24° M 09'44	
	-4719 Aug 14 j 21:25	0° M			-4716 Jan 19 j 16:07	0° J	
	-4719 Sep 10 j 23:17	0° L			-4716 Feb 13 j 06:24	0° Z	
evening max el	-4719 Sep 18 j 16:35	8° L 00'57	47°37'54		-4716 Mar 08 j 20:12	0° W	
	-4719 Oct 12 j 20:18	0° M		morning set	-4716 Mar 16 j 21:38	9° W 51'06	
greatest brilliancy	-4719 Oct 27 j 01:52	8° M 53'13	-4.7m		-4716 Apr 02 j 08:39	0° K	
retrograde	-4719 Nov 08 j 19:07	11° M 56'37		max. Earth dist.	-4716 Apr 19 j 13:11	21° K 05'14	1.73655 AU
asc. node	-4719 Nov 19 j 18:03	9° M 26'59					
evening set	-4719 Nov 23 j 10:17	7° M 36'12		superior conj	-4716 Apr 21 j 21:33	23° K 58'26	0°-33'-24
min. Earth dist.	-4719 Nov 28 j 15:32	4° M 28'09	0.27063 AU	minimum elong	-4716 Apr 22 j 03:35	24° K 16'59	0°33'11
inferior conj	-4719 Nov 29 j 13:55	3° M 52'57	2°25'56		-4716 Apr 26 j 19:11	0° Y	
minimum elong	-4719 Nov 29 j 08:50	4° M 00'56	2°24'18	asc. node	-4716 May 06 j 14:03	12° Y 02'35	
morning rise	-4719 Dec 05 j 08:13	0° M 24'32			-4716 May 21 j 03:33	0° X	
	-4719 Dec 06 j 02:17	30° R L		evening rise	-4716 May 27 j 11:53	7° X 50'25	
direct	-4719 Dec 20 j 00:25	26° L 05'25			-4716 Jun 14 j 09:54	0° II	
greatest brilliancy	-4719 Dec 30 j 18:37	28° L 14'20	-4.6m		-4716 Jul 08 j 15:12	0° S	
	-4718 Jan 03 j 19:07	0° M			-4716 Aug 01 j 21:11	0° Q	
morning max el	-4718 Feb 07 j 05:34	26° M 57'25	46°07'50	desc. node	-4716 Aug 26 j 11:19	0° M 15'45	
	-4718 Feb 10 j 08:19	0° J			-4716 Aug 26 j 06:10	0° M	
	-4718 Mar 10 j 22:48	0° Z			-4716 Sep 19 j 21:05	0° L	
desc. node	-4718 Mar 11 j 18:40	0° Z 54'31			-4716 Oct 14 j 23:04	0° M	
	-4718 Apr 06 j 15:26	0° W			-4716 Nov 10 j 01:13	0° J	
	-4718 May 02 j 09:46	0° K		evening max el	-4716 Nov 28 j 15:49	19° J 53'04	46°41'23
	-4718 May 27 j 13:09	0° Y			-4716 Dec 09 j 01:14	0° Z	
	-4718 Jun 21 j 04:43	0° X		asc. node	-4716 Dec 17 j 05:37	7° Z 12'45	
asc. node	-4718 Jul 02 j 12:48	13° X 58'11		greatest brilliancy	-4715 Jan 03 j 00:11	18° Z 42'49	-4.6m
	-4718 Jul 15 j 10:39	0° II		retrograde	-4715 Jan 18 j 01:09	22° Z 48'17	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4715 Feb 04 j 16:26	16° $\overline{3}$ 42'24			-4713 Jul 24 j 03:15	0° $\overline{5}$	
inferior conj	-4715 Feb 08 j 08:36	14° $\overline{3}$ 22'57	8°14'46	evening rise	-4713 Aug 04 j 20:37	14° $\overline{5}$ 42'11	
minimum elong	-4715 Feb 08 j 07:32	14° $\overline{3}$ 24'39	8°14'31		-4713 Aug 17 j 01:09	0° Ω	
min. Earth dist.	-4715 Feb 07 j 23:24	14° $\overline{3}$ 37'42	0.29111 AU		-4713 Sep 09 j 23:37	0° \overline{m}	
morning rise	-4715 Feb 11 j 22:53	12° $\overline{3}$ 06'53		desc. node	-4713 Sep 23 j 23:38	17° \overline{m} 29'42	
direct	-4715 Mar 01 j 19:45	6° $\overline{3}$ 00'58			-4713 Oct 04 j 00:33	0° \underline{u}	
greatest brilliancy	-4715 Mar 13 j 15:36	8° $\overline{3}$ 31'17	-4.5m		-4713 Oct 28 j 05:35	0° \overline{m}	
desc. node	-4715 Apr 08 j 05:45	25° $\overline{3}$ 28'00			-4713 Nov 21 j 17:15	0° \overline{x}	
	-4715 Apr 13 j 09:39	0° \approx			-4713 Dec 16 j 17:16	0° $\overline{3}$	
morning max el	-4715 Apr 19 j 15:25	5° \approx 47'06	45°49'39		-4712 Jan 11 j 18:45	0° \approx	
	-4715 May 13 j 09:59	0° \overline{x}		asc. node	-4712 Jan 14 j 17:04	3° \approx 14'59	
	-4715 Jun 09 j 08:28	0° \overline{y}		evening max el	-4712 Feb 08 j 12:12	29° \approx 06'51	45°19'41
	-4715 Jul 04 j 22:10	0° $\overline{8}$			-4712 Feb 09 j 10:14	0° \overline{x}	
	-4715 Jul 29 j 15:46	0° \overline{II}		greatest brilliancy	-4712 Mar 13 j 13:25	25° \overline{x} 12'59	-4.5m
asc. node	-4715 Jul 30 j 00:54	0° \overline{II} 28'04		retrograde	-4712 Mar 27 j 20:45	28° \overline{x} 46'55	
	-4715 Aug 22 j 20:08	0° $\overline{5}$		evening set	-4712 Apr 12 j 16:33	24° \overline{x} 02'15	
	-4715 Sep 15 j 16:57	0° Ω		inferior conj	-4712 Apr 18 j 08:16	20° \overline{x} 37'55	3°49'27
	-4715 Oct 09 j 11:15	0° \overline{m}		minimum elong	-4712 Apr 18 j 15:39	20° \overline{x} 26'23	3°47'33
morning set	-4715 Oct 17 j 01:41	9° \overline{m} 35'26		min. Earth dist.	-4712 Apr 19 j 03:41	20° \overline{x} 07'33	0.29097 AU
	-4715 Nov 02 j 06:42	0° \underline{u}		morning rise	-4712 Apr 24 j 14:09	16° \overline{x} 51'50	
desc. node	-4715 Nov 18 j 22:39	20° \underline{u} 54'25		desc. node	-4712 May 05 j 17:01	12° \overline{x} 37'40	
	-4715 Nov 26 j 05:08	0° \overline{m}		direct	-4712 May 10 j 04:09	12° \overline{x} 14'21	
				greatest brilliancy	-4712 May 24 j 13:30	15° \overline{x} 48'40	-4.5m
superior conj	-4715 Nov 28 j 07:18	2° \overline{m} 36'44	0°-21'-29		-4712 Jun 14 j 12:52	0° \overline{y}	
minimum elong	-4715 Nov 28 j 01:37	2° \overline{m} 18'57	0°21'21	morning max el	-4712 Jun 28 j 11:41	12° \overline{y} 41'30	46°09'56
max. Earth dist.	-4715 Dec 03 j 10:53	9° \overline{m} 02'28	1.71744 AU		-4712 Jul 15 j 08:51	0° $\overline{8}$	
	-4715 Dec 20 j 06:53	0° \overline{x}			-4712 Aug 11 j 01:46	0° \overline{II}	
evening rise	-4714 Jan 08 j 10:17	23° \overline{x} 44'06		asc. node	-4712 Aug 26 j 12:39	18° \overline{II} 17'40	
	-4714 Jan 13 j 11:55	0° $\overline{3}$			-4712 Sep 05 j 05:01	0° $\overline{5}$	
	-4714 Feb 06 j 20:40	0° \approx			-4712 Sep 29 j 13:50	0° Ω	
	-4714 Mar 03 j 10:27	0° \overline{x}			-4712 Oct 23 j 14:46	0° \overline{m}	
asc. node	-4714 Mar 11 j 15:10	9° \overline{x} 56'08			-4712 Nov 16 j 14:23	0° \underline{u}	
	-4714 Mar 28 j 07:12	0° \overline{y}			-4712 Dec 10 j 16:07	0° \overline{m}	
	-4714 Apr 22 j 13:35	0° $\overline{8}$		desc. node	-4712 Dec 16 j 11:12	7° \overline{m} 11'51	
	-4714 May 18 j 10:24	0° \overline{II}		morning set	-4711 Jan 02 j 06:24	28° \overline{m} 01'11	
	-4714 Jun 14 j 09:47	0° $\overline{5}$			-4711 Jan 03 j 20:49	0° \overline{x}	
desc. node	-4714 Jul 01 j 13:38	17° $\overline{5}$ 51'00			-4711 Jan 28 j 03:58	0° $\overline{3}$	
evening max el	-4714 Jul 05 j 03:26	21° $\overline{5}$ 22'50	46°38'02				
	-4714 Jul 14 j 07:08	0° Ω		superior conj	-4711 Feb 10 j 18:09	16° $\overline{3}$ 44'29	-1°-23'-13
greatest brilliancy	-4714 Aug 13 j 19:06	20° Ω 55'46	-4.6m	minimum elong	-4711 Feb 10 j 17:59	16° $\overline{3}$ 43'58	1°23'30
retrograde	-4714 Aug 24 j 02:45	22° Ω 52'54		max. Earth dist.	-4711 Feb 12 j 10:19	18° $\overline{3}$ 48'05	1.73320 AU
evening set	-4714 Sep 10 j 07:31	17° Ω 15'44			-4711 Feb 21 j 12:50	0° \approx	
inferior conj	-4714 Sep 13 j 17:30	15° Ω 12'53	-8°-2'-42		-4711 Mar 17 j 23:08	0° \overline{x}	
minimum elong	-4714 Sep 14 j 02:30	14° Ω 59'14	8°01'13	evening rise	-4711 Mar 19 j 22:16	2° \overline{x} 24'30	
min. Earth dist.	-4714 Sep 14 j 00:07	15° Ω 02'51	0.26602 AU	asc. node	-4711 Apr 08 j 03:35	25° \overline{x} 57'17	
morning rise	-4714 Sep 17 j 21:24	12° Ω 44'25			-4711 Apr 11 j 10:58	0° \overline{y}	
direct	-4714 Oct 04 j 03:16	7° Ω 36'58			-4711 May 06 j 00:42	0° $\overline{8}$	
greatest brilliancy	-4714 Oct 16 j 14:32	10° Ω 32'19	-4.7m		-4711 May 30 j 16:59	0° \overline{II}	
asc. node	-4714 Oct 22 j 09:00	13° Ω 33'11			-4711 Jun 24 j 13:29	0° $\overline{5}$	
	-4714 Nov 12 j 09:19	0° \overline{m}			-4711 Jul 19 j 17:42	0° Ω	
morning max el	-4714 Nov 23 j 18:57	11° \overline{m} 07'03	46°44'17	desc. node	-4711 Jul 29 j 01:15	10° Ω 56'38	
	-4714 Dec 11 j 13:26	0° \underline{u}			-4711 Aug 14 j 13:10	0° \overline{m}	
	-4713 Jan 07 j 01:49	0° \overline{m}			-4711 Sep 10 j 19:52	0° \underline{u}	
	-4713 Feb 01 j 18:40	0° \overline{x}		evening max el	-4711 Sep 16 j 06:15	5° \underline{u} 36'02	47°37'47
desc. node	-4713 Feb 11 j 09:09	11° \overline{x} 19'52			-4711 Oct 13 j 17:07	0° \overline{m}	
	-4713 Feb 27 j 02:41	0° $\overline{3}$		greatest brilliancy	-4711 Oct 24 j 18:09	6° \overline{m} 30'05	-4.7m
	-4713 Mar 24 j 04:37	0° \approx		retrograde	-4711 Nov 06 j 09:05	9° \overline{m} 31'22	
	-4713 Apr 18 j 00:54	0° \overline{x}		asc. node	-4711 Nov 18 j 20:21	6° \overline{m} 18'54	
	-4713 May 12 j 15:25	0° \overline{y}		evening set	-4711 Nov 20 j 23:32	5° \overline{m} 11'54	
morning set	-4713 May 23 j 15:07	13° \overline{y} 29'41		min. Earth dist.	-4711 Nov 26 j 06:14	2° \overline{m} 02'21	0.27003 AU
asc. node	-4713 Jun 04 j 02:38	27° \overline{y} 39'16		inferior conj	-4711 Nov 27 j 03:39	1° \overline{m} 28'47	2°04'08
	-4713 Jun 06 j 00:10	0° $\overline{8}$		minimum elong	-4711 Nov 26 j 23:16	1° \overline{m} 35'39	2°02'41
max. Earth dist.	-4713 Jun 24 j 06:11	22° $\overline{8}$ 39'22	1.72332 AU		-4711 Nov 29 j 12:41	30° \overline{R} \underline{u}	
				morning rise	-4711 Dec 02 j 23:46	27° \underline{u} 58'18	
superior conj	-4713 Jun 28 j 20:29	28° $\overline{8}$ 22'52	0°53'42	direct	-4711 Dec 17 j 13:05	23° \underline{u} 42'00	
minimum elong	-4713 Jun 28 j 11:51	27° $\overline{8}$ 56'00	0°53'35	greatest brilliancy	-4711 Dec 28 j 09:30	25° \underline{u} 53'16	-4.6m
	-4713 Jun 30 j 03:38	0° \overline{II}			-4710 Jan 05 j 16:49	0° \overline{m}	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning max el	-4710 Feb 04 j 20:04	24° \mathbb{M} 40'16	46°09'05	desc. node	-4708 Aug 25 j 13:22	29° \mathbb{Q} 44'30	
	-4710 Feb 10 j 05:54	0° \mathbb{X}			-4708 Aug 25 j 18:25	0° \mathbb{M}	
desc. node	-4710 Mar 10 j 20:45	0° \mathbb{Z} 17'25			-4708 Sep 19 j 10:05	0° \mathbb{L}	
	-4710 Mar 10 j 14:25	0° \mathbb{Z}			-4708 Oct 14 j 13:20	0° \mathbb{M}	
	-4710 Apr 06 j 04:44	0° \approx			-4708 Nov 09 j 18:14	0° \mathbb{X}	
	-4710 May 01 j 21:54	0° \mathbb{H}		evening max el	-4708 Nov 26 j 08:26	17° \mathbb{X} 39'38	46°44'26
	-4710 May 27 j 00:38	0° \mathbb{Y}			-4708 Dec 09 j 03:54	0° \mathbb{Z}	
	-4710 Jun 20 j 15:52	0° \mathbb{X}		asc. node	-4708 Dec 16 j 07:42	6° \mathbb{Z} 09'06	
asc. node	-4710 Jul 01 j 14:54	13° \mathbb{X} 30'28		greatest brilliancy	-4708 Dec 31 j 19:02	16° \mathbb{Z} 34'50	-4.6m
	-4710 Jul 14 j 21:38	0° \mathbb{I}		retrograde	-4707 Jan 15 j 18:24	20° \mathbb{Z} 38'07	
morning set	-4710 Jul 31 j 15:19	20° \mathbb{I} 56'09		evening set	-4707 Feb 02 j 08:21	14° \mathbb{Z} 34'02	
	-4710 Aug 07 j 20:25	0° \mathbb{S}		min. Earth dist.	-4707 Feb 05 j 14:40	12° \mathbb{Z} 30'09	0.29066 AU
	-4710 Aug 31 j 15:21	0° \mathbb{Q}		inferior conj	-4707 Feb 06 j 01:26	12° \mathbb{Z} 12'52	8°13'47
				minimum elong	-4707 Feb 05 j 23:41	12° \mathbb{Z} 15'41	8°13'31
superior conj	-4710 Sep 08 j 12:39	9° \mathbb{Q} 57'45	1°18'11	morning rise	-4707 Feb 09 j 15:18	9° \mathbb{Z} 57'18	
minimum elong	-4710 Sep 08 j 20:07	10° \mathbb{Q} 21'19	1°18'15	direct	-4707 Feb 27 j 12:23	3° \mathbb{Z} 51'55	
max. Earth dist.	-4710 Sep 08 j 22:29	10° \mathbb{Q} 28'50	1.70880 AU	greatest brilliancy	-4707 Mar 11 j 04:17	6° \mathbb{Z} 18'32	-4.5m
	-4710 Sep 24 j 09:37	0° \mathbb{M}		desc. node	-4707 Apr 07 j 07:58	24° \mathbb{Z} 32'20	
	-4710 Oct 18 j 05:40	0° \mathbb{L}			-4707 Apr 13 j 10:18	0° \approx	
evening rise	-4710 Oct 20 j 09:50	2° \mathbb{L} 43'42		morning max el	-4707 Apr 17 j 07:23	3° \approx 37'55	45°49'28
desc. node	-4710 Oct 21 j 12:16	4° \mathbb{L} 06'35			-4707 May 13 j 02:13	0° \mathbb{H}	
	-4710 Nov 11 j 04:50	0° \mathbb{M}			-4707 Jun 08 j 22:01	0° \mathbb{Y}	
	-4710 Dec 05 j 07:50	0° \mathbb{X}			-4707 Jul 04 j 10:31	0° \mathbb{X}	
	-4710 Dec 29 j 16:00	0° \mathbb{Z}		asc. node	-4707 Jul 29 j 02:56	29° \mathbb{X} 58'18	
	-4709 Jan 23 j 08:23	0° \approx			-4707 Jul 29 j 03:29	0° \mathbb{I}	
asc. node	-4709 Feb 11 j 04:58	22° \approx 28'51			-4707 Aug 22 j 07:32	0° \mathbb{S}	
	-4709 Feb 17 j 14:40	0° \mathbb{H}			-4707 Sep 15 j 04:12	0° \mathbb{Q}	
	-4709 Mar 15 j 20:55	0° \mathbb{Y}			-4707 Oct 08 j 22:26	0° \mathbb{M}	
	-4709 Apr 13 j 03:36	0° \mathbb{X}		morning set	-4707 Oct 14 j 11:56	7° \mathbb{M} 01'14	
evening max el	-4709 Apr 20 j 13:06	7° \mathbb{X} 12'10	45°15'34		-4707 Nov 01 j 17:48	0° \mathbb{L}	
	-4709 May 19 j 00:09	0° \mathbb{I}		desc. node	-4707 Nov 18 j 00:50	20° \mathbb{L} 26'43	
greatest brilliancy	-4709 May 26 j 23:25	3° \mathbb{I} 59'34	-4.5m				
desc. node	-4709 Jun 03 j 04:27	6° \mathbb{I} 07'14		superior conj	-4707 Nov 25 j 16:53	0° \mathbb{M} 02'18	0°-17'-41
retrograde	-4709 Jun 08 j 03:03	6° \mathbb{I} 34'27		minimum elong	-4707 Nov 25 j 12:08	29° \mathbb{L} 47'27	0°17'34
evening set	-4709 Jun 23 j 11:33	2° \mathbb{I} 07'08			-4707 Nov 25 j 16:09	0° \mathbb{M}	
	-4709 Jun 27 j 04:31	30° \mathbb{R} 8		max. Earth dist.	-4707 Dec 01 j 00:35	6° \mathbb{M} 41'08	1.71682 AU
inferior conj	-4709 Jun 29 j 05:28	28° \mathbb{X} 46'21	-5°-43'-9		-4707 Dec 19 j 17:49	0° \mathbb{X}	
minimum elong	-4709 Jun 28 j 19:15	29° \mathbb{X} 01'48	5°40'38	evening rise	-4706 Jan 05 j 23:24	21° \mathbb{X} 22'20	
min. Earth dist.	-4709 Jun 29 j 12:57	28° \mathbb{X} 35'03	0.27823 AU		-4706 Jan 12 j 22:50	0° \mathbb{Z}	
morning rise	-4709 Jul 04 j 02:30	25° \mathbb{X} 53'25			-4706 Feb 06 j 07:41	0° \approx	
direct	-4709 Jul 20 j 12:21	20° \mathbb{X} 47'46			-4706 Mar 02 j 21:44	0° \mathbb{H}	
greatest brilliancy	-4709 Aug 03 j 22:04	24° \mathbb{X} 29'53	-4.6m	asc. node	-4706 Mar 10 j 17:17	9° \mathbb{H} 28'00	
	-4709 Aug 13 j 05:38	0° \mathbb{I}			-4706 Mar 27 j 19:01	0° \mathbb{Y}	
morning max el	-4709 Sep 08 j 23:41	23° \mathbb{I} 27'04	46°45'03		-4706 Apr 22 j 02:19	0° \mathbb{X}	
	-4709 Sep 15 j 07:38	0° \mathbb{S}			-4706 May 18 j 00:52	0° \mathbb{I}	
asc. node	-4709 Sep 24 j 00:03	9° \mathbb{S} 22'28			-4706 Jun 14 j 03:55	0° \mathbb{S}	
	-4709 Oct 12 j 03:50	0° \mathbb{Q}		desc. node	-4706 Jun 30 j 15:42	16° \mathbb{S} 59'23	
	-4709 Nov 06 j 09:07	0° \mathbb{M}		evening max el	-4706 Jul 02 j 15:38	18° \mathbb{S} 57'02	46°34'37
	-4709 Dec 01 j 01:12	0° \mathbb{L}			-4706 Jul 14 j 13:08	0° \mathbb{Q}	
	-4709 Dec 25 j 14:13	0° \mathbb{M}		greatest brilliancy	-4706 Aug 11 j 08:13	18° \mathbb{Q} 27'51	-4.6m
desc. node	-4708 Jan 13 j 23:18	23° \mathbb{M} 40'37		retrograde	-4706 Aug 21 j 13:37	20° \mathbb{Q} 23'06	
	-4708 Jan 19 j 03:36	0° \mathbb{X}		evening set	-4706 Sep 07 j 22:24	14° \mathbb{Q} 42'02	
	-4708 Feb 12 j 17:31	0° \mathbb{Z}		inferior conj	-4706 Sep 11 j 05:27	12° \mathbb{Q} 43'32	-8°-13'-4
	-4708 Mar 08 j 07:04	0° \approx		minimum elong	-4706 Sep 11 j 13:50	12° \mathbb{Q} 30'48	8°11'48
morning set	-4708 Mar 14 j 15:20	7° \approx 45'21		min. Earth dist.	-4706 Sep 11 j 12:46	12° \mathbb{Q} 32'25	0.26632 AU
	-4708 Apr 01 j 19:23	0° \mathbb{H}		morning rise	-4706 Sep 15 j 05:09	10° \mathbb{Q} 20'52	
max. Earth dist.	-4708 Apr 17 j 12:24	19° \mathbb{H} 16'15	1.73673 AU	direct	-4706 Oct 01 j 15:15	5° \mathbb{Q} 07'05	
				greatest brilliancy	-4706 Oct 14 j 05:05	8° \mathbb{Q} 04'30	-4.7m
superior conj	-4708 Apr 19 j 16:22	21° \mathbb{H} 55'51	0°-36'-9	asc. node	-4706 Oct 21 j 11:17	12° \mathbb{Q} 00'52	
minimum elong	-4708 Apr 19 j 22:48	22° \mathbb{H} 15'38	0°35'57		-4706 Nov 12 j 13:34	0° \mathbb{M}	
	-4708 Apr 26 j 05:54	0° \mathbb{Y}		morning max el	-4706 Nov 21 j 06:55	8° \mathbb{M} 36'35	46°45'19
asc. node	-4708 May 05 j 16:15	11° \mathbb{Y} 36'24			-4706 Dec 11 j 07:22	0° \mathbb{L}	
	-4708 May 20 j 14:21	0° \mathbb{X}			-4705 Jan 06 j 16:26	0° \mathbb{M}	
evening rise	-4708 May 25 j 07:02	5° \mathbb{X} 47'52			-4705 Feb 01 j 07:38	0° \mathbb{X}	
	-4708 Jun 13 j 20:55	0° \mathbb{I}		desc. node	-4705 Feb 10 j 11:16	10° \mathbb{X} 48'55	
	-4708 Jul 08 j 02:31	0° \mathbb{S}			-4705 Feb 26 j 14:42	0° \mathbb{Z}	
	-4708 Aug 01 j 08:55	0° \mathbb{Q}			-4705 Mar 23 j 16:04	0° \approx	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4705 Apr 17 j 12:00	0° H		asc. node	-4703 Nov 17 j 22:27	3° M 06'15	
	-4705 May 12 j 02:20	0° Y		evening set	-4703 Nov 18 j 12:59	2° M 46'30	
morning set	-4705 May 21 j 09:51	11° Y 26'11			-4703 Nov 23 j 05:13	30° R A	
asc. node	-4705 Jun 03 j 04:41	27° Y 12'05		min. Earth dist.	-4703 Nov 23 j 20:36	29° A 36'01	0.26942 AU
	-4705 Jun 05 j 11:01	0° B		inferior conj	-4703 Nov 24 j 17:20	29° A 03'38	1°42'00
max. Earth dist.	-4705 Jun 22 j 00:18	20° B 32'30	1.72397 AU	minimum elong	-4703 Nov 24 j 13:41	29° A 09'20	1°40'45
				morning rise	-4703 Nov 30 j 15:10	25° A 31'28	
superior conj	-4705 Jun 26 j 13:57	26° B 13'52	0°51'12	direct	-4703 Dec 15 j 02:19	21° A 17'43	
minimum elong	-4705 Jun 26 j 05:32	25° B 47'36	0°51'04	greatest brilliancy	-4703 Dec 25 j 23:46	23° A 30'43	-4.6m
	-4705 Jun 29 j 14:32	0° II			-4702 Jan 07 j 00:15	0° M	
	-4705 Jul 23 j 14:16	0° S		morning max el	-4702 Feb 02 j 11:19	22° M 24'14	46°10'23
evening rise	-4705 Aug 02 j 11:13	12° S 22'40			-4702 Feb 10 j 02:58	0° A	
	-4705 Aug 16 j 12:22	0° Q		desc. node	-4702 Mar 09 j 22:54	29° A 40'18	
	-4705 Sep 09 j 11:04	0° M			-4702 Mar 10 j 06:01	0° S	
desc. node	-4705 Sep 23 j 01:49	17° M 00'22			-4702 Apr 05 j 18:06	0° \approx	
	-4705 Oct 03 j 12:16	0° A			-4702 May 01 j 10:07	0° H	
	-4705 Oct 27 j 17:37	0° M			-4702 May 26 j 12:16	0° Y	
	-4705 Nov 21 j 05:48	0° A			-4702 Jun 20 j 03:11	0° B	
	-4705 Dec 16 j 06:47	0° S		asc. node	-4702 Jun 30 j 16:58	13° B 02'08	
asc. node	-4704 Jan 11 j 10:26	0° \approx			-4702 Jul 14 j 08:51	0° II	
evening max el	-4704 Jan 13 j 19:12	2° \approx 36'39		morning set	-4702 Jul 29 j 06:12	18° II 37'08	
	-4704 Feb 06 j 02:46	26° \approx 53'12	45°21'37		-4702 Aug 07 j 07:38	0° S	
	-4704 Feb 09 j 08:53	0° H			-4702 Aug 31 j 02:37	0° Q	
greatest brilliancy	-4704 Mar 11 j 03:13	23° H 02'54	-4.5m				
retrograde	-4704 Mar 25 j 13:26	26° H 40'53		superior conj	-4702 Sep 06 j 00:18	7° Q 27'17	1°19'28
evening set	-4704 Apr 10 j 11:26	21° H 52'12		minimum elong	-4702 Sep 06 j 06:58	7° Q 48'19	1°19'34
inferior conj	-4704 Apr 16 j 01:05	18° H 30'47	4°05'51	max. Earth dist.	-4702 Sep 06 j 04:42	7° Q 41'12	1.70898 AU
minimum elong	-4704 Apr 16 j 08:50	18° H 18'41	4°03'54		-4702 Sep 23 j 20:57	0° M	
min. Earth dist.	-4704 Apr 16 j 20:29	18° H 00'27	0.29137 AU	evening rise	-4702 Oct 17 j 18:04	0° A 03'03	
morning rise	-4704 Apr 22 j 05:38	14° H 46'29			-4702 Oct 17 j 17:06	0° A	
desc. node	-4704 May 04 j 19:13	10° H 17'19		desc. node	-4702 Oct 20 j 14:24	3° A 37'26	
direct	-4704 May 07 j 20:43	10° H 06'21			-4702 Nov 10 j 16:21	0° M	
greatest brilliancy	-4704 May 22 j 06:36	13° H 41'03	-4.5m		-4702 Dec 04 j 19:27	0° A	
	-4704 Jun 14 j 18:06	0° Y			-4702 Dec 29 j 03:50	0° S	
morning max el	-4704 Jun 26 j 03:59	10° Y 30'36	46°08'45		-4701 Jan 22 j 20:41	0° \approx	
	-4704 Jul 15 j 02:17	0° B		asc. node	-4701 Feb 10 j 07:11	21° \approx 57'12	
	-4704 Aug 10 j 16:04	0° II			-4701 Feb 17 j 03:55	0° H	
asc. node	-4704 Aug 25 j 14:50	17° II 43'59			-4701 Mar 15 j 12:15	0° Y	
	-4704 Sep 04 j 17:59	0° S			-4701 Apr 13 j 00:32	0° B	
	-4704 Sep 29 j 02:08	0° Q		evening max el	-4701 Apr 18 j 04:58	5° B 00'44	45°14'10
	-4704 Oct 23 j 02:39	0° M			-4701 May 20 j 17:42	0° II	
	-4704 Nov 16 j 02:00	0° A		greatest brilliancy	-4701 May 24 j 11:31	1° II 41'33	-4.5m
	-4704 Dec 10 j 03:30	0° M		desc. node	-4701 Jun 02 j 06:26	4° II 04'30	
desc. node	-4704 Dec 15 j 13:08	6° M 42'40		retrograde	-4701 Jun 05 j 17:02	4° II 17'46	
morning set	-4704 Dec 30 j 18:07	25° M 34'07		evening set	-4701 Jun 20 j 23:16	29° B 53'58	
	-4703 Jan 03 j 08:02	0° A			-4701 Jun 20 j 18:46	30° R B	
	-4703 Jan 27 j 15:01	0° S		inferior conj	-4701 Jun 26 j 19:45	26° B 29'13	-5°-26'-12
				minimum elong	-4701 Jun 26 j 09:45	26° B 44'22	5°23'39
superior conj	-4703 Feb 08 j 10:00	14° S 31'48	-1°-23'-9	min. Earth dist.	-4701 Jun 27 j 03:18	26° B 17'45	0.27867 AU
minimum elong	-4703 Feb 08 j 09:04	14° S 28'54	1°23'24	morning rise	-4701 Jul 01 j 19:48	23° B 31'44	
max. Earth dist.	-4703 Feb 10 j 03:29	16° S 39'28	1.73277 AU	direct	-4701 Jul 18 j 03:52	18° B 29'58	
	-4703 Feb 20 j 23:46	0° \approx		greatest brilliancy	-4701 Aug 01 j 12:52	22° B 11'09	-4.6m
	-4703 Mar 17 j 10:03	0° H			-4701 Aug 14 j 01:59	0° II	
evening rise	-4703 Mar 17 j 16:30	0° H 19'47		morning max el	-4701 Sep 06 j 13:46	21° II 04'03	46°43'57
asc. node	-4703 Apr 07 j 05:51	25° H 30'25			-4701 Sep 15 j 03:51	0° S	
	-4703 Apr 10 j 22:02	0° Y		asc. node	-4701 Sep 23 j 02:19	8° S 38'01	
	-4703 May 05 j 12:06	0° B			-4701 Oct 11 j 19:34	0° Q	
	-4703 May 30 j 04:57	0° II			-4701 Nov 05 j 23:01	0° M	
	-4703 Jun 24 j 02:15	0° S			-4701 Nov 30 j 14:07	0° A	
	-4703 Jul 19 j 07:45	0° Q			-4701 Dec 25 j 02:29	0° M	
desc. node	-4703 Jul 28 j 03:20	10° Q 19'49		desc. node	-4700 Jan 13 j 01:27	23° M 10'54	
	-4703 Aug 14 j 05:28	0° M			-4700 Jan 18 j 15:24	0° A	
	-4703 Sep 10 j 17:28	0° A			-4700 Feb 12 j 04:57	0° S	
evening max el	-4703 Sep 13 j 20:47	3° A 12'39	47°37'43		-4700 Mar 07 j 18:16	0° \approx	
	-4703 Oct 14 j 22:02	0° M		morning set	-4700 Mar 12 j 09:06	5° \approx 38'49	
greatest brilliancy	-4703 Oct 22 j 09:40	4° M 05'19	-4.7m		-4700 Apr 01 j 06:26	0° H	
retrograde	-4703 Nov 03 j 23:30	7° M 05'22		max. Earth dist.	-4700 Apr 15 j 10:10	17° H 21'55	1.73684 AU

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4700 Apr 17 j 11:30	19° K 53'23	0°-38'-51	direct	-4698 Sep 29 j 03:27	2° Ω 37'59	
minimum elong	-4700 Apr 17 j 18:19	20° K 14'18	0°38'38	greatest brilliancy	-4698 Oct 11 j 20:30	5° Ω 38'25	-4.7m
	-4700 Apr 25 j 16:54	0° Y		asc. node	-4698 Oct 20 j 13:22	10° Ω 31'48	
asc. node	-4700 May 04 j 18:20	11° Y 08'55			-4698 Nov 12 j 16:14	0° M	
	-4700 May 20 j 01:26	0° X		morning max el	-4698 Nov 18 j 19:30	6° M 07'18	46°46'03
evening rise	-4700 May 23 j 02:36	3° X 45'48			-4698 Dec 11 j 01:07	0° Ω	
	-4700 Jun 13 j 08:10	0° II			-4697 Jan 06 j 07:10	0° M	
	-4700 Jul 07 j 14:05	0° S			-4697 Jan 31 j 20:51	0° X	
	-4700 Jul 31 j 20:55	0° Ω		desc. node	-4697 Feb 09 j 13:27	10° X 17'19	
desc. node	-4700 Aug 24 j 15:34	29° Ω 12'39			-4697 Feb 26 j 03:01	0° S	
	-4700 Aug 25 j 07:02	0° M			-4697 Mar 23 j 03:47	0° \approx	
	-4700 Sep 18 j 23:33	0° Ω			-4697 Apr 16 j 23:19	0° K	
	-4700 Oct 14 j 04:13	0° M			-4697 May 11 j 13:26	0° Y	
	-4700 Nov 09 j 12:11	0° X		morning set	-4697 May 19 j 04:31	9° Y 21'58	
evening max el	-4700 Nov 24 j 00:06	15° X 21'58	46°47'29	asc. node	-4697 Jun 02 j 06:46	26° Y 44'25	
	-4700 Dec 09 j 09:00	0° S			-4697 Jun 04 j 22:02	0° X	
asc. node	-4700 Dec 15 j 09:49	5° S 02'15		max. Earth dist.	-4697 Jun 19 j 20:00	18° X 30'03	1.72459 AU
greatest brilliancy	-4700 Dec 29 j 14:24	14° S 25'35	-4.6m				
retrograde	-4699 Jan 13 j 11:07	18° S 26'00		superior conj	-4697 Jun 24 j 07:34	24° X 04'47	0°48'38
evening set	-4699 Jan 30 j 23:54	12° S 24'16		minimum elong	-4697 Jun 23 j 23:22	23° X 39'15	0°48'29
inferior conj	-4699 Feb 03 j 18:08	10° S 01'07	8°12'13		-4697 Jun 29 j 01:36	0° II	
minimum elong	-4699 Feb 03 j 15:42	10° S 05'02	8°11'53		-4697 Jul 23 j 01:27	0° S	
min. Earth dist.	-4699 Feb 03 j 06:10	10° S 20'23	0.29013 AU	evening rise	-4697 Jul 31 j 02:18	10° S 04'16	
morning rise	-4699 Feb 07 j 07:48	7° S 45'39			-4697 Aug 15 j 23:43	0° Ω	
direct	-4699 Feb 25 j 04:27	1° S 41'12			-4697 Sep 08 j 22:36	0° M	
greatest brilliancy	-4699 Mar 08 j 17:21	4° S 04'42	-4.5m	desc. node	-4697 Sep 22 j 03:55	16° M 30'34	
desc. node	-4699 Apr 06 j 10:11	23° S 36'46			-4697 Oct 03 j 00:02	0° Ω	
	-4699 Apr 13 j 10:17	0° \approx			-4697 Oct 27 j 05:44	0° M	
morning max el	-4699 Apr 14 j 22:21	1° \approx 25'17	45°49'28		-4697 Nov 20 j 18:30	0° X	
	-4699 May 12 j 18:30	0° K			-4697 Dec 15 j 20:33	0° S	
	-4699 Jun 08 j 11:44	0° Y			-4696 Jan 11 j 02:38	0° \approx	
	-4699 Jul 03 j 23:03	0° X		asc. node	-4696 Jan 12 j 21:25	1° \approx 57'29	
asc. node	-4699 Jul 28 j 05:11	29° X 28'34		evening max el	-4696 Feb 03 j 17:53	24° \approx 39'56	45°23'34
	-4699 Jul 28 j 15:24	0° II			-4696 Feb 09 j 08:58	0° K	
	-4699 Aug 21 j 19:08	0° S		greatest brilliancy	-4696 Mar 08 j 17:12	20° K 51'54	-4.5m
	-4699 Sep 14 j 15:40	0° Ω		retrograde	-4696 Mar 23 j 06:30	24° K 33'27	
	-4699 Oct 08 j 09:51	0° M		evening set	-4696 Apr 08 j 06:13	19° K 40'47	
morning set	-4699 Oct 11 j 22:11	4° M 26'09		inferior conj	-4696 Apr 13 j 17:41	16° K 22'16	4°22'02
	-4699 Nov 01 j 05:13	0° Ω		minimum elong	-4696 Apr 14 j 01:44	16° K 09'41	4°20'03
desc. node	-4699 Nov 17 j 02:49	19° Ω 57'20		min. Earth dist.	-4696 Apr 14 j 12:43	15° K 52'32	0.29172 AU
				morning rise	-4696 Apr 19 j 20:46	12° K 40'09	
superior conj	-4699 Nov 23 j 01:59	27° Ω 25'13	0°-13'-48	desc. node	-4696 May 03 j 21:13	8° K 00'29	
minimum elong	-4699 Nov 22 j 22:14	27° Ω 13'29	0°13'43	direct	-4696 May 05 j 13:23	7° K 57'12	
behind sun begin	-4699 Nov 22 j 07:24	26° Ω 27'05		greatest brilliancy	-4696 May 19 j 23:11	11° K 32'09	-4.5m
behind sun end	-4699 Nov 23 j 13:05	27° Ω 59'53			-4696 Jun 14 j 21:46	0° Y	
	-4699 Nov 25 j 03:31	0° M		morning max el	-4696 Jun 23 j 20:49	8° Y 20'49	46°07'37
max. Earth dist.	-4699 Nov 28 j 11:03	4° M 08'28	1.71625 AU		-4696 Jul 14 j 19:28	0° X	
	-4699 Dec 19 j 05:09	0° X			-4696 Aug 10 j 06:17	0° II	
evening rise	-4698 Jan 03 j 11:44	18° X 56'52		asc. node	-4696 Aug 24 j 17:00	17° II 10'23	
	-4698 Jan 12 j 10:09	0° S			-4696 Sep 04 j 06:54	0° S	
	-4698 Feb 05 j 19:06	0° \approx			-4696 Sep 28 j 14:21	0° Ω	
	-4698 Mar 02 j 09:23	0° K			-4696 Oct 22 j 14:27	0° M	
asc. node	-4698 Mar 09 j 19:30	8° K 59'08			-4696 Nov 15 j 13:31	0° Ω	
	-4698 Mar 27 j 07:10	0° Y			-4696 Dec 09 j 14:49	0° M	
	-4698 Apr 21 j 15:27	0° X		desc. node	-4696 Dec 14 j 15:18	6° M 14'23	
	-4698 May 17 j 15:46	0° II		morning set	-4696 Dec 28 j 05:55	23° M 07'21	
	-4698 Jun 13 j 22:42	0° S			-4695 Jan 02 j 19:11	0° X	
desc. node	-4698 Jun 29 j 17:53	16° S 06'48			-4695 Jan 27 j 02:03	0° S	
evening max el	-4698 Jun 30 j 03:19	16° S 29'49	46°31'23				
	-4698 Jul 14 j 21:31	0° Ω		superior conj	-4695 Feb 06 j 01:35	12° S 18'09	-1°-22'-56
greatest brilliancy	-4698 Aug 08 j 21:08	16° Ω 00'14	-4.6m	minimum elong	-4695 Feb 05 j 23:51	12° S 12'49	1°23'11
retrograde	-4698 Aug 19 j 01:01	17° Ω 54'32		max. Earth dist.	-4695 Feb 07 j 21:20	14° S 32'53	1.73241 AU
evening set	-4698 Sep 05 j 13:21	12° Ω 09'29			-4695 Feb 20 j 10:43	0° \approx	
inferior conj	-4698 Sep 08 j 17:44	10° Ω 15'08	-8°-22'-19	evening rise	-4695 Mar 15 j 10:22	28° \approx 13'46	
minimum elong	-4698 Sep 09 j 01:27	10° Ω 03'26	8°21'13		-4695 Mar 16 j 21:01	0° K	
min. Earth dist.	-4698 Sep 09 j 01:39	10° Ω 03'09	0.26666 AU	asc. node	-4695 Apr 06 j 07:51	25° K 02'38	
morning rise	-4698 Sep 12 j 13:24	7° Ω 58'20			-4695 Apr 10 j 09:10	0° Y	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4695 May 04 j 23:33	0°♄					-4693 Oct 11 j 10:46	0°♌			
	-4695 May 29 j 16:56	0°♊					-4693 Nov 05 j 12:30	0°♍			
	-4695 Jun 23 j 15:04	0°♌					-4693 Nov 30 j 02:40	0°♍			
	-4695 Jul 18 j 21:52	0°♌					-4693 Dec 24 j 14:24	0°♍			
desc. node	-4695 Jul 27 j 05:31	9°♌43'12				desc. node	-4692 Jan 12 j 03:37	22°♍42'17			
	-4695 Aug 13 j 21:57	0°♍					-4692 Jan 18 j 02:49	0°♎			
	-4695 Sep 10 j 15:45	0°♍					-4692 Feb 11 j 16:01	0°♎			
evening max el	-4695 Sep 11 j 12:16	0°♍52'02	47°37'33				-4692 Mar 07 j 05:04	0°♎			
	-4695 Oct 16 j 15:13	0°♍				morning set	-4692 Mar 10 j 02:54	3°♎33'30			
greatest brilliancy	-4695 Oct 20 j 01:14	1°♍41'05	-4.7m				-4692 Mar 31 j 17:07	0°♎			
retrograde	-4695 Nov 01 j 14:11	4°♍39'34				max. Earth dist.	-4692 Apr 13 j 07:06	15°♎26'04	1.73701 AU		
evening set	-4695 Nov 16 j 02:40	0°♍21'20									
	-4695 Nov 16 j 17:57	30°♍				superior conj	-4692 Apr 15 j 06:40	17°♎52'06	0°-41'-30		
asc. node	-4695 Nov 17 j 00:33	29°♍50'37				minimum elong	-4692 Apr 15 j 13:49	18°♎14'01	0°41'16		
min. Earth dist.	-4695 Nov 21 j 10:41	27°♍10'23	0.26881 AU				-4692 Apr 25 j 03:36	0°♏			
inferior conj	-4695 Nov 22 j 06:57	26°♍38'47	1°19'28			asc. node	-4692 May 03 j 20:25	10°♏42'22			
minimum elong	-4695 Nov 22 j 04:05	26°♍43'15	1°18'28				-4692 May 19 j 12:14	0°♏			
morning rise	-4695 Nov 28 j 06:22	23°♍05'11				evening rise	-4692 May 20 j 22:03	1°♏44'20			
direct	-4695 Dec 12 j 15:53	18°♍54'05					-4692 Jun 12 j 19:11	0°♐			
greatest brilliancy	-4695 Dec 23 j 12:58	21°♍07'30	-4.6m				-4692 Jul 07 j 01:25	0°♐			
	-4694 Jan 07 j 22:34	0°♍					-4692 Jul 31 j 08:41	0°♐			
morning max el	-4694 Jan 31 j 02:26	20°♍08'27	46°11'31			desc. node	-4692 Aug 23 j 17:38	28°♐41'13			
	-4694 Feb 09 j 23:04	0°♎					-4692 Aug 24 j 19:25	0°♐			
desc. node	-4694 Mar 09 j 01:03	29°♎04'02					-4692 Sep 18 j 12:47	0°♐			
	-4694 Mar 09 j 21:11	0°♎					-4692 Oct 13 j 18:54	0°♐			
	-4694 Apr 05 j 07:15	0°♎					-4692 Nov 09 j 06:07	0°♎			
	-4694 Apr 30 j 22:13	0°♎				evening max el	-4692 Nov 21 j 14:56	13°♎03'01	46°50'30		
	-4694 May 25 j 23:47	0°♏					-4692 Dec 09 j 15:42	0°♎			
	-4694 Jun 19 j 14:24	0°♏				asc. node	-4692 Dec 14 j 12:07	3°♎55'06			
asc. node	-4694 Jun 29 j 19:13	12°♏34'41				greatest brilliancy	-4692 Dec 27 j 09:19	12°♎16'34	-4.6m		
	-4694 Jul 13 j 19:55	0°♐				retrograde	-4691 Jan 11 j 03:39	16°♎14'59			
morning set	-4694 Jul 26 j 20:59	16°♐18'30				evening set	-4691 Jan 28 j 15:12	10°♎15'53			
	-4694 Aug 06 j 18:40	0°♐				inferior conj	-4691 Feb 01 j 10:52	7°♎50'30	8°09'49		
	-4694 Aug 30 j 13:40	0°♐				minimum elong	-4691 Feb 01 j 07:46	7°♎55'29	8°09'25		
						min. Earth dist.	-4691 Jan 31 j 21:57	8°♎11'17	0.28958 AU		
superior conj	-4694 Sep 03 j 12:04	4°♐57'55	1°20'36			morning rise	-4691 Feb 05 j 00:37	5°♎34'44			
minimum elong	-4694 Sep 03 j 17:53	5°♐16'18	1°20'44				-4691 Feb 17 j 22:55	30°♎			
max. Earth dist.	-4694 Sep 03 j 09:01	4°♐48'17	1.70918 AU			direct	-4691 Feb 22 j 20:04	29°♎31'33			
	-4694 Sep 23 j 08:06	0°♐					-4691 Feb 27 j 20:17	0°♎			
evening rise	-4694 Oct 15 j 02:18	27°♐22'56				greatest brilliancy	-4691 Mar 06 j 07:20	1°♎53'05	-4.5m		
	-4694 Oct 17 j 04:20	0°♐				desc. node	-4691 Apr 05 j 12:10	22°♎43'13			
desc. node	-4694 Oct 19 j 16:22	3°♐08'24				morning max el	-4691 Apr 12 j 12:55	29°♎12'50	45°49'35		
	-4694 Nov 10 j 03:39	0°♐					-4691 Apr 13 j 08:42	0°♎			
	-4694 Dec 04 j 06:50	0°♎					-4691 May 12 j 10:04	0°♎			
	-4694 Dec 28 j 15:25	0°♎					-4691 Jun 08 j 00:58	0°♏			
	-4693 Jan 22 j 08:44	0°♎					-4691 Jul 03 j 11:12	0°♏			
asc. node	-4693 Feb 09 j 09:20	21°♎26'08				asc. node	-4691 Jul 27 j 07:18	28°♏59'21			
	-4693 Feb 16 j 16:58	0°♎					-4691 Jul 28 j 03:01	0°♐			
	-4693 Mar 15 j 03:34	0°♏					-4691 Aug 21 j 06:29	0°♐			
	-4693 Apr 12 j 22:03	0°♏					-4691 Sep 14 j 02:53	0°♐			
evening max el	-4693 Apr 15 j 20:14	2°♏48'15	45°12'37				-4691 Oct 07 j 20:59	0°♐			
greatest brilliancy	-4693 May 22 j 00:30	29°♏24'42	-4.5m			morning set	-4691 Oct 09 j 08:19	1°♐51'30			
	-4693 May 23 j 13:23	0°♐					-4691 Oct 31 j 16:17	0°♐			
desc. node	-4693 Jun 01 j 08:40	1°♐57'09				desc. node	-4691 Nov 16 j 04:57	19°♐29'27			
retrograde	-4693 Jun 03 j 06:25	2°♐01'14									
	-4693 Jun 13 j 11:58	30°♐				superior conj	-4691 Nov 20 j 10:59	24°♐48'47	0°-9'-51		
evening set	-4693 Jun 18 j 11:00	27°♐40'46				minimum elong	-4691 Nov 20 j 08:16	24°♐40'18	0°09'50		
inferior conj	-4693 Jun 24 j 09:54	24°♐12'26	-5°-8'-37			behind sun begin	-4691 Nov 19 j 10:23	23°♐31'50			
minimum elong	-4693 Jun 24 j 00:12	24°♐27'11	5°06'05			behind sun end	-4691 Nov 21 j 06:09	25°♐48'44			
min. Earth dist.	-4693 Jun 24 j 18:00	24°♐00'08	0.27909 AU				-4691 Nov 24 j 14:32	0°♐			
morning rise	-4693 Jun 29 j 12:54	21°♐10'23				max. Earth dist.	-4691 Nov 25 j 19:13	1°♐29'38	1.71566 AU		
direct	-4693 Jul 15 j 18:41	16°♐12'27					-4691 Dec 18 j 16:08	0°♎			
greatest brilliancy	-4693 Jul 30 j 03:35	19°♐52'43	-4.6m			evening rise	-4690 Jan 01 j 00:01	16°♎32'14			
	-4693 Aug 14 j 16:58	0°♐					-4690 Jan 11 j 21:09	0°♎			
morning max el	-4693 Sep 04 j 02:47	18°♐39'09	46°42'58				-4690 Feb 05 j 06:10	0°♎			
	-4693 Sep 14 j 23:12	0°♐					-4690 Mar 01 j 20:41	0°♎			
asc. node	-4693 Sep 22 j 04:26	7°♐54'35				asc. node	-4690 Mar 08 j 21:34	8°♎30'53			

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4690 Mar 26 j 18:58	0° Υ			-4688 Dec 09 j 02:05	0° \mathbb{M}	
	-4690 Apr 21 j 04:14	0° \mathcal{B}		desc. node	-4688 Dec 13 j 17:28	5° \mathbb{M} 46'17	
	-4690 May 17 j 06:28	0° \mathbb{I}		morning set	-4688 Dec 25 j 17:10	20° \mathbb{M} 39'01	
	-4690 Jun 13 j 17:38	0° \mathfrak{S}			-4687 Jan 02 j 06:16	0° \mathcal{A}	
evening max el	-4690 Jun 27 j 14:58	14° \mathfrak{S} 03'29	46°27'58		-4687 Jan 26 j 12:59	0° \mathfrak{C}	
desc. node	-4690 Jun 28 j 20:02	15° \mathfrak{S} 13'53					
	-4690 Jul 15 j 08:30	0° \mathcal{Q}		superior conj	-4687 Feb 03 j 16:42	10° \mathfrak{C} 03'20	-1°-22'-35
greatest brilliancy	-4690 Aug 06 j 08:53	13° \mathcal{Q} 31'34	-4.6m	minimum elong	-4687 Feb 03 j 14:11	9° \mathfrak{C} 55'34	1°22'50
retrograde	-4690 Aug 16 j 12:39	15° \mathcal{Q} 25'56		max. Earth dist.	-4687 Feb 05 j 16:54	12° \mathfrak{C} 31'51	1.73199 AU
evening set	-4690 Sep 03 j 03:46	9° \mathcal{Q} 36'54			-4687 Feb 19 j 21:34	0° \approx	
inferior conj	-4690 Sep 06 j 05:43	7° \mathcal{Q} 46'24	-8°-30'-33	evening rise	-4687 Mar 13 j 04:06	26° \approx 07'45	
minimum elong	-4690 Sep 06 j 12:43	7° \mathcal{Q} 35'49	8°29'37		-4687 Mar 16 j 07:53	0° \mathcal{H}	
min. Earth dist.	-4690 Sep 06 j 14:02	7° \mathcal{Q} 33'50	0.26703 AU	asc. node	-4687 Apr 05 j 09:59	24° \mathcal{H} 35'33	
morning rise	-4690 Sep 09 j 21:31	5° \mathcal{Q} 35'27			-4687 Apr 09 j 20:11	0° Υ	
direct	-4690 Sep 26 j 15:41	0° \mathcal{Q} 08'27			-4687 May 04 j 10:54	0° \mathcal{B}	
greatest brilliancy	-4690 Oct 09 j 11:51	3° \mathcal{Q} 12'21	-4.7m		-4687 May 29 j 04:49	0° \mathbb{I}	
asc. node	-4690 Oct 19 j 15:31	9° \mathcal{Q} 05'59			-4687 Jun 23 j 03:47	0° \mathfrak{S}	
	-4690 Nov 12 j 17:21	0° \mathfrak{M}			-4687 Jul 18 j 11:56	0° \mathcal{Q}	
morning max el	-4690 Nov 16 j 08:48	3° \mathfrak{M} 40'15	46°46'58	desc. node	-4687 Jul 26 j 07:37	9° \mathcal{Q} 06'35	
	-4690 Dec 10 j 18:14	0° \mathfrak{L}			-4687 Aug 13 j 14:34	0° \mathfrak{M}	
	-4689 Jan 05 j 21:25	0° \mathbb{M}		evening max el	-4687 Sep 09 j 03:48	28° \mathfrak{M} 31'49	47°36'53
	-4689 Jan 31 j 09:38	0° \mathcal{A}			-4687 Sep 10 j 14:51	0° \mathfrak{L}	
desc. node	-4689 Feb 08 j 15:29	9° \mathcal{A} 46'24		greatest brilliancy	-4687 Oct 17 j 17:19	29° \mathfrak{L} 16'56	-4.7m
	-4689 Feb 25 j 14:56	0° \mathfrak{C}			-4687 Oct 19 j 10:39	0° \mathbb{M}	
	-4689 Mar 22 j 15:08	0° \approx		retrograde	-4687 Oct 30 j 04:26	2° \mathbb{M} 12'27	
	-4689 Apr 16 j 10:18	0° \mathcal{H}			-4687 Nov 09 j 10:24	30° \mathcal{R} \mathfrak{L}	
	-4689 May 11 j 00:12	0° Υ		evening set	-4687 Nov 13 j 16:17	27° \mathfrak{L} 54'55	
morning set	-4689 May 16 j 23:35	7° Υ 20'02		asc. node	-4687 Nov 16 j 02:51	26° \approx 30'28	
asc. node	-4689 Jun 01 j 09:02	26° Υ 18'23		min. Earth dist.	-4687 Nov 19 j 00:42	24° \mathfrak{L} 43'16	0.26826 AU
	-4689 Jun 04 j 08:43	0° \mathcal{B}		inferior conj	-4687 Nov 19 j 20:16	24° \mathfrak{L} 12'45	0°56'28
max. Earth dist.	-4689 Jun 17 j 16:42	16° \mathcal{B} 31'54	1.72520 AU	minimum elong	-4687 Nov 19 j 18:13	24° \mathfrak{L} 15'57	0°55'45
				morning rise	-4687 Nov 25 j 21:05	20° \mathfrak{L} 37'41	
superior conj	-4689 Jun 22 j 01:29	21° \mathcal{B} 57'42	0°46'01	direct	-4687 Dec 10 j 05:19	16° \mathfrak{L} 29'18	
minimum elong	-4689 Jun 21 j 17:33	21° \mathcal{B} 33'01	0°45'52	greatest brilliancy	-4687 Dec 21 j 01:48	18° \mathfrak{L} 42'35	-4.6m
	-4689 Jun 28 j 12:21	0° \mathbb{I}			-4686 Jan 08 j 15:31	0° \mathbb{M}	
	-4689 Jul 22 j 12:22	0° \mathfrak{S}		morning max el	-4686 Jan 28 j 16:45	17° \mathbb{M} 49'59	46°12'43
evening rise	-4689 Jul 28 j 17:40	7° \mathfrak{S} 47'39			-4686 Feb 09 j 18:46	0° \mathcal{A}	
	-4689 Aug 15 j 10:51	0° \mathcal{Q}		desc. node	-4686 Mar 08 j 03:07	28° \mathcal{A} 27'35	
	-4689 Sep 08 j 09:59	0° \mathfrak{M}			-4686 Mar 09 j 12:15	0° \mathfrak{C}	
desc. node	-4689 Sep 21 j 05:56	16° \mathfrak{M} 00'52			-4686 Apr 04 j 20:19	0° \approx	
	-4689 Oct 02 j 11:42	0° \mathfrak{L}			-4686 Apr 30 j 10:16	0° \mathcal{H}	
	-4689 Oct 26 j 17:46	0° \mathbb{M}			-4686 May 25 j 11:16	0° Υ	
	-4689 Nov 20 j 07:07	0° \mathcal{A}			-4686 Jun 19 j 01:36	0° \mathcal{B}	
	-4689 Dec 15 j 10:15	0° \mathfrak{C}		asc. node	-4686 Jun 28 j 21:16	12° \mathcal{B} 06'44	
	-4688 Jan 10 j 18:50	0° \approx			-4686 Jul 13 j 06:58	0° \mathbb{I}	
asc. node	-4688 Jan 11 j 23:33	1° \approx 18'24		morning set	-4686 Jul 24 j 12:15	14° \mathbb{I} 01'28	
evening max el	-4688 Feb 01 j 09:52	22° \approx 29'35	45°25'44		-4686 Aug 06 j 05:41	0° \mathfrak{S}	
	-4688 Feb 09 j 09:52	0° \mathcal{H}			-4686 Aug 30 j 00:44	0° \mathcal{Q}	
greatest brilliancy	-4688 Mar 06 j 08:11	18° \mathcal{H} 43'16	-4.5m	max. Earth dist.	-4686 Aug 31 j 12:06	1° \mathcal{Q} 51'38	1.70941 AU
retrograde	-4688 Mar 20 j 23:48	22° \mathcal{H} 27'07					
evening set	-4688 Apr 06 j 01:16	17° \mathcal{H} 30'38		superior conj	-4686 Sep 01 j 00:35	2° \mathcal{Q} 31'00	1°21'33
inferior conj	-4688 Apr 11 j 10:27	14° \mathcal{H} 14'59	4°37'50	minimum elong	-4686 Sep 01 j 05:31	2° \mathcal{Q} 46'36	1°21'42
minimum elong	-4688 Apr 11 j 18:47	14° \mathcal{H} 01'56	4°35'49		-4686 Sep 22 j 19:14	0° \mathfrak{M}	
min. Earth dist.	-4688 Apr 12 j 04:49	13° \mathcal{H} 46'14	0.29202 AU	evening rise	-4686 Oct 12 j 10:56	24° \mathfrak{M} 44'03	
morning rise	-4688 Apr 17 j 11:55	10° \mathcal{H} 35'11			-4686 Oct 16 j 15:35	0° \mathfrak{L}	
desc. node	-4688 May 02 j 23:26	5° \mathcal{H} 49'34		desc. node	-4686 Oct 18 j 18:35	2° \mathfrak{L} 40'01	
direct	-4688 May 03 j 06:36	5° \mathcal{H} 49'28			-4686 Nov 09 j 15:01	0° \mathbb{M}	
greatest brilliancy	-4688 May 17 j 14:49	9° \mathcal{H} 23'17	-4.5m		-4686 Dec 03 j 18:21	0° \mathcal{A}	
	-4688 Jun 14 j 23:28	0° Υ			-4686 Dec 28 j 03:11	0° \mathfrak{C}	
morning max el	-4688 Jun 21 j 14:00	6° Υ 13'04	46°06'30		-4685 Jan 21 j 21:01	0° \approx	
	-4688 Jul 14 j 11:59	0° \mathcal{B}		asc. node	-4685 Feb 08 j 11:24	20° \approx 54'07	
	-4688 Aug 09 j 20:05	0° \mathbb{I}			-4685 Feb 16 j 06:19	0° \mathcal{H}	
asc. node	-4688 Aug 23 j 19:05	16° \mathbb{I} 37'28			-4685 Mar 14 j 19:16	0° Υ	
	-4688 Sep 03 j 19:32	0° \mathfrak{S}			-4685 Apr 12 j 20:33	0° \mathcal{B}	
	-4688 Sep 28 j 02:23	0° \mathcal{Q}		evening max el	-4685 Apr 13 j 10:42	0° \mathcal{B} 33'39	45°11'21
	-4688 Oct 22 j 02:09	0° \mathfrak{M}		greatest brilliancy	-4685 May 19 j 13:29	27° \mathcal{B} 07'58	-4.5m
	-4688 Nov 15 j 00:58	0° \mathfrak{L}		desc. node	-4685 May 31 j 10:50	29° \mathcal{B} 45'13	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4685 May 31 j 19:50	29° 8 45'22		superior conj	-4683 Nov 17 j 20:09	22° 5 11'54	0°-5'-55
evening set	-4685 Jun 15 j 23:09	25° 8 27'33		minimum elong	-4683 Nov 17 j 18:30	22° 5 06'44	0°05'56
inferior conj	-4685 Jun 22 j 00:19	21° 8 56'11	-4°-50'-39	behind sun begin	-4683 Nov 16 j 16:58	20° 5 46'49	
minimum elong	-4685 Jun 21 j 14:57	22° 8 10'26	4°48'09	behind sun end	-4683 Nov 18 j 20:01	23° 5 26'37	
min. Earth dist.	-4685 Jun 22 j 09:16	21° 8 42'33	0.27952 AU	max. Earth dist.	-4683 Nov 23 j 01:17	28° 5 43'19	1.71508 AU
morning rise	-4685 Jun 27 j 06:08	18° 8 49'43			-4683 Nov 24 j 01:49	0° 8	
direct	-4685 Jul 13 j 09:13	13° 8 55'10			-4683 Dec 18 j 03:22	0° 7	
greatest brilliancy	-4685 Jul 27 j 19:17	17° 8 35'39	-4.6m	evening rise	-4683 Dec 29 j 12:24	14° 7 07'08	
	-4685 Aug 15 j 04:14	0° 8			-4682 Jan 11 j 08:23	0° 8	
morning max el	-4685 Sep 01 j 15:48	16° 8 14'05	46°42'08		-4682 Feb 04 j 17:31	0° 8	
	-4685 Sep 14 j 18:06	0° 8			-4682 Mar 01 j 08:19	0° 8	
asc. node	-4685 Sep 21 j 06:33	7° 8 11'32		asc. node	-4682 Mar 07 j 23:41	8° 8 01'46	
	-4685 Oct 11 j 01:52	0° 8			-4682 Mar 26 j 07:11	0° 8	
	-4685 Nov 05 j 01:58	0° 8			-4682 Apr 20 j 17:29	0° 8	
	-4685 Nov 29 j 15:15	0° 8			-4682 May 16 j 21:45	0° 8	
	-4685 Dec 24 j 02:26	0° 8			-4682 Jun 13 j 13:30	0° 8	
desc. node	-4684 Jan 11 j 05:37	22° 8 12'37		evening max el	-4682 Jun 25 j 03:34	11° 8 38'52	46°24'46
	-4684 Jan 17 j 14:26	0° 8		desc. node	-4682 Jun 27 j 22:05	14° 8 18'46	
	-4684 Feb 11 j 03:20	0° 8			-4682 Jul 15 j 23:34	0° 8	
	-4684 Mar 06 j 16:10	0° 8		greatest brilliancy	-4682 Aug 03 j 19:29	11° 8 01'16	-4.6m
morning set	-4684 Mar 07 j 20:14	1° 8 25'53		retrograde	-4682 Aug 14 j 00:49	12° 8 56'51	
	-4684 Mar 31 j 04:05	0° 8		evening set	-4682 Aug 31 j 17:55	7° 8 04'10	
max. Earth dist.	-4684 Apr 11 j 03:04	13° 8 26'35	1.73712 AU	inferior conj	-4682 Sep 03 j 17:43	5° 8 16'59	-8°-37'-39
				minimum elong	-4682 Sep 03 j 23:57	5° 8 07'34	8°36'54
superior conj	-4684 Apr 13 j 01:33	15° 8 49'16	0°-44'-6	min. Earth dist.	-4682 Sep 04 j 01:58	5° 8 04'32	0.26743 AU
minimum elong	-4684 Apr 13 j 09:00	16° 8 12'05	0°43'52	morning rise	-4682 Sep 07 j 05:52	3° 8 11'37	
	-4684 Apr 24 j 14:32	0° 8			-4682 Sep 13 j 10:59	30° 8	
asc. node	-4684 May 02 j 22:38	10° 8 15'31		direct	-4682 Sep 24 j 04:31	27° 8 38'19	
evening rise	-4684 May 18 j 17:24	29° 8 41'59			-4682 Oct 05 j 08:43	0° 8	
	-4684 May 18 j 23:15	0° 8		greatest brilliancy	-4682 Oct 07 j 02:26	0° 8 44'39	-4.7m
	-4684 Jun 12 j 06:25	0° 8		asc. node	-4682 Oct 18 j 17:48	7° 8 42'28	
	-4684 Jul 06 j 13:00	0° 8			-4682 Nov 12 j 17:39	0° 8	
	-4684 Jul 30 j 20:45	0° 8		morning max el	-4682 Nov 13 j 23:08	1° 8 14'58	46°47'46
desc. node	-4684 Aug 22 j 19:41	28° 8 08'57			-4682 Dec 10 j 11:21	0° 8	
	-4684 Aug 24 j 08:05	0° 8			-4681 Jan 05 j 11:51	0° 8	
	-4684 Sep 18 j 02:19	0° 8			-4681 Jan 30 j 22:40	0° 8	
	-4684 Oct 13 j 09:57	0° 8		desc. node	-4681 Feb 07 j 17:37	9° 8 15'00	
	-4684 Nov 09 j 00:40	0° 8			-4681 Feb 25 j 03:07	0° 8	
evening max el	-4684 Nov 19 j 05:13	10° 8 42'07	46°53'29		-4681 Mar 22 j 02:46	0° 8	
	-4684 Dec 10 j 01:16	0° 8			-4681 Apr 15 j 21:36	0° 8	
asc. node	-4684 Dec 13 j 14:10	2° 8 45'03			-4681 May 10 j 11:18	0° 8	
greatest brilliancy	-4684 Dec 25 j 03:01	10° 8 04'57	-4.6m	morning set	-4681 May 14 j 18:32	5° 8 16'41	
retrograde	-4683 Jan 08 j 20:15	14° 8 03'06		asc. node	-4681 May 31 j 11:03	25° 8 15'02	
evening set	-4683 Jan 26 j 06:09	8° 8 06'43			-4681 Jun 03 j 19:46	0° 8	
min. Earth dist.	-4683 Jan 29 j 13:42	6° 8 01'04	0.28906 AU	max. Earth dist.	-4681 Jun 15 j 11:20	14° 8 26'16	1.72577 AU
inferior conj	-4683 Jan 30 j 03:33	5° 8 38'48	8°06'37				
minimum elong	-4683 Jan 29 j 23:47	5° 8 44'52	8°06'10	superior conj	-4681 Jun 19 j 19:14	19° 8 49'09	0°43'19
morning rise	-4683 Feb 02 j 17:41	3° 8 22'26		minimum elong	-4681 Jun 19 j 11:38	19° 8 25'30	0°43'11
	-4683 Feb 08 j 22:38	30° 8			-4681 Jun 27 j 23:27	0° 8	
direct	-4683 Feb 20 j 11:23	27° 8 20'36			-4681 Jul 21 j 23:37	0° 8	
greatest brilliancy	-4683 Mar 03 j 22:17	29° 8 41'23	-4.5m	evening rise	-4681 Jul 26 j 09:00	5° 8 30'03	
	-4683 Mar 04 j 16:54	0° 8			-4681 Aug 14 j 22:16	0° 8	
desc. node	-4683 Apr 04 j 14:24	21° 8 50'11			-4681 Sep 07 j 21:39	0° 8	
morning max el	-4683 Apr 10 j 04:09	27° 8 00'50	45°49'45	desc. node	-4681 Sep 20 j 08:07	15° 8 30'47	
	-4683 Apr 13 j 06:43	0° 8			-4681 Oct 01 j 23:40	0° 8	
	-4683 May 12 j 01:47	0° 8			-4681 Oct 26 j 06:09	0° 8	
	-4683 Jun 07 j 14:26	0° 8			-4681 Nov 19 j 20:05	0° 8	
	-4683 Jul 02 j 23:35	0° 8			-4681 Dec 15 j 00:21	0° 8	
asc. node	-4683 Jul 26 j 09:21	28° 8 29'14			-4680 Jan 10 j 11:38	0° 8	
	-4683 Jul 27 j 14:50	0° 8		asc. node	-4680 Jan 11 j 01:40	0° 8 38'06	
	-4683 Aug 20 j 18:02	0° 8		evening max el	-4680 Jan 30 j 02:27	20° 8 19'45	45°27'56
	-4683 Sep 13 j 14:20	0° 8			-4680 Feb 09 j 12:29	0° 8	
morning set	-4683 Oct 06 j 18:42	29° 8 16'45		greatest brilliancy	-4680 Mar 04 j 00:08	16° 8 35'10	-4.5m
	-4683 Oct 07 j 08:24	0° 8		retrograde	-4680 Mar 18 j 16:50	20° 8 19'56	
	-4683 Oct 31 j 03:38	0° 8		evening set	-4680 Apr 03 j 20:26	15° 8 19'50	
desc. node	-4683 Nov 15 j 07:07	19° 8 00'47		inferior conj	-4680 Apr 09 j 03:14	12° 8 06'57	4°53'05
				minimum elong	-4680 Apr 09 j 11:48	11° 8 53'32	4°51'04

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

min. Earth dist.	-4680 Apr 09 j 20:51	11° K 39'20	0.29232 AU	desc. node	-4678 Oct 17 j 20:40	2° L 10'44	
morning rise	-4680 Apr 15 j 02:54	8° K 29'29			-4678 Nov 09 j 02:30	0° M	
direct	-4680 May 01 j 00:02	3° K 41'09			-4678 Dec 03 j 05:58	0° J	
desc. node	-4680 May 02 j 01:36	3° K 42'28			-4678 Dec 27 j 15:03	0° Z	
greatest brilliancy	-4680 May 15 j 05:19	7° K 12'08	-4.5m		-4677 Jan 21 j 09:25	0° \approx	
	-4680 Jun 15 j 00:20	0° Y		asc. node	-4677 Feb 07 j 13:35	20° \approx 22'08	
morning max el	-4680 Jun 19 j 06:49	4° Y 03'29	46°05'15		-4677 Feb 15 j 19:51	0° K	
	-4680 Jul 14 j 04:36	0° B			-4677 Mar 14 j 11:18	0° Y	
	-4680 Aug 09 j 10:08	0° II		evening max el	-4677 Apr 11 j 00:46	28° Y 18'07	45°10'16
asc. node	-4680 Aug 22 j 21:16	16° II 04'02			-4677 Apr 12 j 20:02	0° B	
	-4680 Sep 03 j 08:25	0° S		greatest brilliancy	-4677 May 17 j 01:24	24° B 50'22	-4.5m
	-4680 Sep 27 j 14:39	0° Q		retrograde	-4677 May 29 j 09:31	27° B 30'12	
	-4680 Oct 21 j 14:02	0° M		desc. node	-4677 May 30 j 12:50	27° B 28'43	
	-4680 Nov 14 j 12:38	0° L		evening set	-4677 Jun 13 j 11:32	23° B 14'21	
	-4680 Dec 08 j 13:35	0° M		inferior conj	-4677 Jun 19 j 14:49	19° B 40'27	-4°-32'-22
desc. node	-4680 Dec 12 j 19:25	5° M 16'45		minimum elong	-4677 Jun 19 j 05:49	19° B 54'07	4°29'54
morning set	-4680 Dec 23 j 04:20	18° M 09'30		min. Earth dist.	-4677 Jun 20 j 00:37	19° B 25'31	0.27997 AU
	-4679 Jan 01 j 17:36	0° J		morning rise	-4677 Jun 24 j 23:22	16° B 29'54	
	-4679 Jan 26 j 00:09	0° Z		direct	-4677 Jul 10 j 23:41	11° B 38'14	
				greatest brilliancy	-4677 Jul 25 j 11:59	15° B 20'23	-4.6m
superior conj	-4679 Feb 01 j 07:40	7° Z 47'10	-1°-22'-6		-4677 Aug 15 j 12:31	0° II	
minimum elong	-4679 Feb 01 j 04:22	7° Z 36'59	1°22'20	morning max el	-4677 Aug 30 j 05:18	13° II 50'25	46°41'08
max. Earth dist.	-4679 Feb 03 j 13:03	10° Z 31'41	1.73153 AU		-4677 Sep 14 j 12:35	0° S	
	-4679 Feb 19 j 08:38	0° \approx		asc. node	-4677 Sep 20 j 08:48	6° S 29'15	
evening rise	-4679 Mar 10 j 21:46	24° \approx 00'41			-4677 Oct 10 j 16:51	0° Q	
	-4679 Mar 15 j 18:58	0° K			-4677 Nov 04 j 15:26	0° M	
asc. node	-4679 Apr 04 j 12:12	24° K 08'03			-4677 Nov 29 j 03:51	0° L	
	-4679 Apr 09 j 07:26	0° Y			-4677 Dec 23 j 14:26	0° M	
	-4679 May 03 j 22:31	0° B		desc. node	-4676 Jan 10 j 07:47	21° M 43'33	
	-4679 May 28 j 17:01	0° II			-4676 Jan 17 j 02:00	0° J	
	-4679 Jun 22 j 16:52	0° S			-4676 Feb 10 j 14:34	0° Z	
	-4679 Jul 18 j 02:27	0° Q		morning set	-4676 Mar 05 j 13:20	29° Z 17'39	
desc. node	-4679 Jul 25 j 09:42	8° Q 28'44			-4676 Mar 06 j 03:10	0° \approx	
	-4679 Aug 13 j 07:50	0° M			-4676 Mar 30 j 14:58	0° K	
evening max el	-4679 Sep 06 j 18:58	26° M 09'47	47°36'12	max. Earth dist.	-4676 Apr 08 j 23:23	11° K 28'20	1.73724 AU
	-4679 Sep 10 j 15:18	0° L					
greatest brilliancy	-4679 Oct 15 j 10:11	26° L 52'58	-4.7m	superior conj	-4676 Apr 10 j 20:27	13° K 46'37	0°-46'-38
retrograde	-4679 Oct 27 j 18:10	29° L 44'20		minimum elong	-4676 Apr 11 j 04:10	14° K 10'18	0°46'26
evening set	-4679 Nov 11 j 06:05	25° L 27'30			-4676 Apr 24 j 01:24	0° Y	
asc. node	-4679 Nov 15 j 04:54	23° L 07'51		asc. node	-4676 May 02 j 00:40	9° Y 48'14	
min. Earth dist.	-4679 Nov 16 j 14:59	22° L 14'58	0.26770 AU	evening rise	-4676 May 16 j 12:55	27° Y 40'27	
inferior conj	-4679 Nov 17 j 09:33	21° L 46'01	0°33'22		-4676 May 18 j 10:12	0° B	
minimum elong	-4679 Nov 17 j 08:20	21° L 47'55	0°32'54		-4676 Jun 11 j 17:34	0° II	
morning rise	-4679 Nov 23 j 11:31	18° L 09'29			-4676 Jul 06 j 00:29	0° S	
direct	-4679 Dec 07 j 18:23	14° L 03'52			-4676 Jul 30 j 08:42	0° Q	
greatest brilliancy	-4679 Dec 18 j 14:58	16° L 17'13	-4.6m	desc. node	-4676 Aug 21 j 21:53	27° Q 37'22	
	-4678 Jan 09 j 04:26	0° M			-4676 Aug 23 j 20:41	0° M	
morning max el	-4678 Jan 26 j 06:11	15° M 28'38	46°13'53		-4676 Sep 17 j 15:52	0° L	
	-4678 Feb 09 j 14:04	0° J			-4676 Oct 13 j 01:08	0° M	
desc. node	-4678 Mar 07 j 05:17	27° J 51'17			-4676 Nov 08 j 19:42	0° J	
	-4678 Mar 09 j 03:17	0° Z		evening max el	-4676 Nov 16 j 19:58	8° J 22'16	46°56'33
	-4678 Apr 04 j 09:27	0° \approx			-4676 Dec 10 j 14:13	0° Z	
	-4678 Apr 29 j 22:24	0° K		asc. node	-4676 Dec 12 j 16:18	1° Z 33'07	
	-4678 May 24 j 22:51	0° Y		greatest brilliancy	-4676 Dec 22 j 19:53	7° Z 51'53	-4.6m
	-4678 Jun 18 j 12:53	0° B		retrograde	-4675 Jan 06 j 13:09	11° Z 50'51	
asc. node	-4678 Jun 27 j 23:21	11° B 38'31		evening set	-4675 Jan 23 j 20:43	5° Z 57'21	
	-4678 Jul 12 j 18:09	0° II		min. Earth dist.	-4675 Jan 27 j 05:06	3° Z 50'44	0.28849 AU
morning set	-4678 Jul 22 j 03:28	11° II 43'52		inferior conj	-4675 Jan 27 j 20:05	3° Z 26'43	8°02'45
	-4678 Aug 05 j 16:51	0° S		minimum elong	-4675 Jan 27 j 15:39	3° Z 33'49	8°02'12
max. Earth dist.	-4678 Aug 28 j 13:58	28° S 50'36	1.70971 AU	morning rise	-4675 Jan 31 j 10:51	1° Z 09'32	
	-4678 Aug 29 j 11:57	0° Q			-4675 Feb 02 j 09:31	30° R J	
				direct	-4675 Feb 18 j 02:31	25° J 09'15	
superior conj	-4678 Aug 29 j 12:58	0° Q 03'12	1°22'20	greatest brilliancy	-4675 Mar 01 j 13:02	27° J 29'39	-4.5m
minimum elong	-4678 Aug 29 j 17:01	0° Q 15'58	1°22'31		-4675 Mar 06 j 23:44	0° Z	
	-4678 Sep 22 j 06:34	0° M		desc. node	-4675 Apr 03 j 16:35	20° Z 58'32	
evening rise	-4678 Oct 09 j 19:14	22° M 03'34		morning max el	-4675 Apr 07 j 20:07	24° Z 51'05	45°49'57
	-4678 Oct 16 j 02:59	0° L			-4675 Apr 13 j 03:46	0° \approx	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4670 Apr 29 j 10:12	0° H		asc. node	-4668 Dec 11 j 18:36	0° Z 19'15	
	-4670 May 24 j 10:08	0° Y		greatest brilliancy	-4668 Dec 20 j 12:38	5° Z 38'22	-4.6m
	-4670 Jun 17 j 23:54	0° B		retrograde	-4667 Jan 04 j 06:22	9° Z 38'12	
asc. node	-4670 Jun 27 j 01:36	11° B 11'36		evening set	-4667 Jan 21 j 11:03	3° Z 47'46	
	-4670 Jul 12 j 05:03	0° II		min. Earth dist.	-4667 Jan 24 j 20:13	1° Z 40'16	0.28789 AU
morning set	-4670 Jul 19 j 18:49	9° II 27'37		inferior conj	-4667 Jan 25 j 12:31	1° Z 14'09	7°58'06
	-4670 Aug 05 j 03:44	0° S		minimum elong	-4667 Jan 25 j 07:30	1° Z 22'12	7°57'27
max. Earth dist.	-4670 Aug 25 j 18:50	25° S 59'57	1.71008 AU		-4667 Jan 27 j 11:01	30° R 7	
				morning rise	-4667 Jan 29 j 04:14	28° Z 55'50	
superior conj	-4670 Aug 27 j 01:33	27° S 36'52	1°22'57	direct	-4667 Feb 15 j 18:06	22° Z 57'33	
minimum elong	-4670 Aug 27 j 04:43	27° S 46'49	1°23'09	greatest brilliancy	-4667 Feb 27 j 03:08	25° Z 17'03	-4.5m
	-4670 Aug 28 j 22:56	0° Q			-4667 Mar 08 j 11:18	0° Z	
	-4670 Sep 21 j 17:39	0° P		desc. node	-4667 Apr 02 j 18:35	20° Z 07'32	
evening rise	-4670 Oct 07 j 03:45	19° P 24'29		morning max el	-4667 Apr 05 j 12:48	22° Z 43'10	45°50'19
	-4670 Oct 15 j 14:11	0° A			-4667 Apr 13 j 00:04	0° \approx	
desc. node	-4670 Oct 16 j 22:40	1° A 41'55			-4667 May 11 j 08:09	0° H	
	-4670 Nov 08 j 13:47	0° M			-4667 Jun 06 j 16:39	0° Y	
	-4670 Dec 02 j 17:22	0° J			-4667 Jul 01 j 23:50	0° B	
	-4670 Dec 27 j 02:41	0° Z		asc. node	-4667 Jul 24 j 13:42	27° B 30'56	
	-4669 Jan 20 j 21:36	0° \approx			-4667 Jul 26 j 14:05	0° II	
asc. node	-4669 Feb 06 j 15:45	19° \approx 50'54			-4667 Aug 19 j 16:48	0° S	
	-4669 Feb 15 j 09:10	0° H			-4667 Sep 12 j 12:53	0° Q	
	-4669 Mar 14 j 03:16	0° Y		morning set	-4667 Oct 01 j 16:01	24° Q 10'05	
evening max el	-4669 Apr 08 j 15:04	26° Y 04'02	45°09'13		-4667 Oct 06 j 06:50	0° P	
	-4669 Apr 12 j 20:18	0° B			-4667 Oct 30 j 02:00	0° A	
greatest brilliancy	-4669 May 14 j 12:32	22° B 32'44	-4.5m				
retrograde	-4669 May 26 j 23:46	25° B 16'11		superior conj	-4667 Nov 12 j 13:35	16° A 55'47	0°02'08
desc. node	-4669 May 29 j 15:05	25° B 08'08		minimum elong	-4667 Nov 12 j 14:08	16° A 57'31	0°02'03
evening set	-4669 Jun 11 j 00:16	21° B 01'48		behind sun begin	-4667 Nov 11 j 11:07	15° A 32'46	
inferior conj	-4669 Jun 17 j 05:25	17° B 25'35	-4°-13'-42	behind sun end	-4667 Nov 13 j 17:10	18° A 22'14	
minimum elong	-4669 Jun 16 j 20:53	17° B 38'34	4°11'18	desc. node	-4667 Nov 13 j 11:16	18° A 03'45	
min. Earth dist.	-4669 Jun 17 j 15:52	17° B 09'43	0.28046 AU	max. Earth dist.	-4667 Nov 17 j 15:45	23° A 18'26	1.71408 AU
morning rise	-4669 Jun 22 j 16:43	14° B 11'20			-4667 Nov 23 j 00:07	0° M	
direct	-4669 Jul 08 j 14:38	9° B 22'09			-4667 Dec 17 j 01:40	0° J	
greatest brilliancy	-4669 Jul 23 j 05:30	13° B 07'05	-4.6m	evening rise	-4667 Dec 24 j 11:58	9° J 13'33	
	-4669 Aug 15 j 18:14	0° II			-4666 Jan 10 j 06:43	0° Z	
morning max el	-4669 Aug 27 j 19:51	11° II 30'08	46°40'08		-4666 Feb 03 j 16:03	0° \approx	
	-4669 Sep 14 j 06:26	0° S			-4666 Feb 28 j 07:23	0° H	
asc. node	-4669 Sep 19 j 10:53	5° S 47'33		asc. node	-4666 Mar 06 j 03:57	7° H 04'19	
	-4669 Oct 10 j 07:29	0° Q			-4666 Mar 25 j 07:24	0° Y	
	-4669 Nov 04 j 04:39	0° P			-4666 Apr 19 j 19:57	0° B	
	-4669 Nov 28 j 16:16	0° A			-4666 May 16 j 04:34	0° II	
	-4669 Dec 23 j 02:17	0° M			-4666 Jun 13 j 06:40	0° S	
desc. node	-4668 Jan 09 j 09:56	21° M 14'47		evening max el	-4666 Jun 20 j 07:30	6° S 58'10	46°18'12
	-4668 Jan 16 j 13:25	0° J		desc. node	-4666 Jun 26 j 02:26	12° S 27'10	
	-4668 Feb 10 j 01:39	0° Z			-4666 Jul 17 j 21:30	0° Q	
morning set	-4668 Mar 03 j 06:38	27° Z 10'24		greatest brilliancy	-4666 Jul 29 j 16:28	6° Q 03'15	-4.6m
	-4668 Mar 05 j 14:02	0° \approx		retrograde	-4666 Aug 09 j 01:27	8° Q 00'49	
	-4668 Mar 30 j 01:43	0° H		evening set	-4666 Aug 26 j 21:29	2° Q 03'10	
max. Earth dist.	-4668 Apr 06 j 21:59	9° H 37'29	1.73735 AU	inferior conj	-4666 Aug 29 j 17:59	0° Q 20'42	-8°-48'-52
				minimum elong	-4666 Aug 29 j 22:31	0° Q 13'52	8°48'22
superior conj	-4668 Apr 08 j 15:37	11° H 45'14	0°-49'-6	min. Earth dist.	-4666 Aug 30 j 01:34	0° Q 09'16	0.26817 AU
minimum elong	-4668 Apr 08 j 23:34	12° H 09'38	0°48'53		-4666 Aug 30 j 07:43	30° R 5	
	-4668 Apr 23 j 12:08	0° Y		morning rise	-4666 Sep 01 j 23:28	28° S 25'09	
asc. node	-4668 May 01 j 02:49	9° Y 21'42		direct	-4666 Sep 19 j 07:22	22° S 41'23	
evening rise	-4668 May 14 j 08:43	25° Y 40'13		greatest brilliancy	-4666 Oct 02 j 05:11	25° S 48'27	-4.7m
	-4668 May 17 j 21:04	0° B			-4666 Oct 09 j 18:54	0° Q	
	-4668 Jun 11 j 04:41	0° II		asc. node	-4666 Oct 16 j 22:02	5° Q 04'50	
	-4668 Jul 05 j 11:58	0° S		morning max el	-4666 Nov 09 j 03:11	26° Q 24'15	46°48'52
	-4668 Jul 29 j 20:40	0° Q			-4666 Nov 12 j 14:41	0° P	
desc. node	-4668 Aug 20 j 23:57	27° Q 05'25			-4666 Dec 09 j 20:15	0° A	
	-4668 Aug 23 j 09:18	0° P			-4665 Jan 04 j 15:59	0° M	
	-4668 Sep 17 j 05:28	0° A			-4665 Jan 30 j 00:14	0° J	
	-4668 Oct 12 j 16:30	0° M		desc. node	-4665 Feb 05 j 21:49	8° J 13'08	
	-4668 Nov 08 j 15:16	0° J			-4665 Feb 24 j 03:05	0° Z	
evening max el	-4668 Nov 14 j 11:43	6° J 04'54	46°59'31		-4665 Mar 21 j 01:39	0° \approx	
	-4668 Dec 11 j 07:40	0° Z			-4665 Apr 14 j 19:47	0° H	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4665 May 09 j 09:06	0°♄		evening set	-4663 Nov 06 j 10:05	20°♁31'55	
morning set	-4665 May 10 j 08:39	1°♄12'14		min. Earth dist.	-4663 Nov 11 j 20:32	17°♁17'33	0.26672 AU
asc. node	-4665 May 29 j 15:24	24°♄56'49		inferior conj	-4663 Nov 12 j 12:05	16°♁53'19	0°-13'-31
	-4665 Jun 02 j 17:29	0°♄		minimum elong	-4663 Nov 12 j 12:35	16°♁52'32	0°13'25
max. Earth dist.	-4665 Jun 10 j 21:54	10°♄08'15	1.72693 AU	transit middle	-4663 Nov 12 j 12:35	16°♁52'32	0°13'25
				transit begin	-4663 Nov 12 j 10:09	16°♁56'19	
superior conj	-4665 Jun 15 j 07:28	15°♄35'48	0°37'49	transit end	-4663 Nov 12 j 15:00	16°♁48'45	
minimum elong	-4665 Jun 15 j 00:37	15°♄14'32	0°37'41	asc. node	-4663 Nov 13 j 09:21	16°♁20'12	
	-4665 Jun 26 j 21:18	0°♄		morning rise	-4663 Nov 18 j 15:45	13°♁14'19	
	-4665 Jul 20 j 21:46	0°♄		direct	-4663 Dec 02 j 19:04	9°♁12'53	
evening rise	-4665 Jul 21 j 16:44	0°♄59'22		greatest brilliancy	-4663 Dec 13 j 20:06	11°♁29'45	-4.6m
	-4665 Aug 13 j 20:49	0°♄			-4662 Jan 09 j 20:47	0°♄	
	-4665 Sep 06 j 20:40	0°♄		morning max el	-4662 Jan 21 j 08:07	10°♄43'41	46°16'31
desc. node	-4665 Sep 18 j 12:14	14°♄30'58			-4662 Feb 09 j 02:51	0°♄	
	-4665 Sep 30 j 23:18	0°♄		desc. node	-4662 Mar 05 j 09:30	26°♄40'00	
	-4665 Oct 25 j 06:36	0°♄			-4662 Mar 08 j 08:29	0°♄	
	-4665 Nov 18 j 21:49	0°♄			-4662 Apr 03 j 11:14	0°♄	
	-4665 Dec 14 j 04:34	0°♄			-4662 Apr 28 j 22:22	0°♄	
asc. node	-4664 Jan 09 j 06:00	29°♄17'23			-4662 May 23 j 21:48	0°♄	
	-4664 Jan 09 j 21:54	0°♄			-4662 Jun 17 j 11:17	0°♄	
evening max el	-4664 Jan 25 j 10:24	15°♄57'17	45°32'18	asc. node	-4662 Jun 26 j 03:38	10°♄42'52	
	-4664 Feb 09 j 22:43	0°♄			-4662 Jul 11 j 16:17	0°♄	
greatest brilliancy	-4664 Feb 28 j 10:08	12°♄21'48	-4.5m	morning set	-4662 Jul 17 j 10:28	7°♄11'19	
retrograde	-4664 Mar 14 j 01:49	16°♄06'09			-4662 Aug 04 j 14:57	0°♄	
evening set	-4664 Mar 30 j 10:58	10°♄59'01		max. Earth dist.	-4662 Aug 23 j 03:27	23°♄20'11	1.71040 AU
inferior conj	-4664 Apr 04 j 13:01	7°♄52'04	5°22'22				
minimum elong	-4664 Apr 04 j 21:50	7°♄38'08	5°20'23	superior conj	-4662 Aug 24 j 14:38	25°♄11'10	1°23'25
min. Earth dist.	-4664 Apr 05 j 05:46	7°♄25'37	0.29280 AU	minimum elong	-4662 Aug 24 j 16:53	25°♄18'16	1°23'37
morning rise	-4664 Apr 10 j 08:30	4°♄19'23			-4662 Aug 28 j 10:11	0°♄	
	-4664 Apr 21 j 00:34	30°♄			-4662 Sep 21 j 04:59	0°♄	
direct	-4664 Apr 26 j 10:02	29°♄25'48		evening rise	-4662 Oct 04 j 12:50	16°♄46'26	
desc. node	-4664 Apr 30 j 05:52	29°♄42'21			-4662 Oct 15 j 01:37	0°♄	
	-4664 May 01 j 22:50	0°♄		desc. node	-4662 Oct 16 j 00:53	1°♄12'56	
greatest brilliancy	-4664 May 10 j 08:59	2°♄49'06	-4.5m		-4662 Nov 08 j 01:20	0°♄	
morning max el	-4664 Jun 14 j 13:57	29°♄39'35	46°03'01		-4662 Dec 02 j 05:05	0°♄	
	-4664 Jun 14 j 22:24	0°♄			-4662 Dec 26 j 14:44	0°♄	
	-4664 Jul 13 j 12:35	0°♄			-4661 Jan 20 j 10:15	0°♄	
	-4664 Aug 08 j 13:26	0°♄		asc. node	-4661 Feb 05 j 17:50	19°♄17'59	
asc. node	-4664 Aug 21 j 01:31	14°♄58'29			-4661 Feb 14 j 23:03	0°♄	
	-4664 Sep 02 j 09:34	0°♄			-4661 Mar 13 j 20:01	0°♄	
	-4664 Sep 26 j 14:41	0°♄		evening max el	-4661 Apr 06 j 05:45	23°♄49'47	45°08'24
	-4664 Oct 20 j 13:26	0°♄			-4661 Apr 12 j 22:24	0°♄	
	-4664 Nov 13 j 11:36	0°♄		greatest brilliancy	-4661 May 11 j 23:12	20°♄13'32	-4.5m
	-4664 Dec 07 j 12:11	0°♄		retrograde	-4661 May 24 j 14:26	23°♄00'55	
desc. node	-4664 Dec 10 j 23:45	4°♄20'07		desc. node	-4661 May 28 j 17:14	22°♄41'07	
morning set	-4664 Dec 18 j 02:33	13°♄11'04		evening set	-4661 Jun 08 j 13:08	18°♄47'48	
	-4664 Dec 31 j 15:52	0°♄		inferior conj	-4661 Jun 14 j 19:54	15°♄09'21	-3°-54'-35
	-4663 Jan 24 j 22:09	0°♄		minimum elong	-4661 Jun 14 j 11:51	15°♄21'34	3°52'17
				min. Earth dist.	-4661 Jun 15 j 06:40	14°♄53'00	0.28092 AU
superior conj	-4663 Jan 27 j 13:08	3°♄14'19	-1°-20'-42	morning rise	-4661 Jun 20 j 09:50	11°♄51'38	
minimum elong	-4663 Jan 27 j 08:17	2°♄59'20	1°20'54	direct	-4661 Jul 06 j 05:57	7°♄04'49	
max. Earth dist.	-4663 Jan 30 j 04:35	6°♄29'56	1.73058 AU	greatest brilliancy	-4661 Jul 20 j 22:42	10°♄52'23	-4.6m
	-4663 Feb 18 j 06:30	0°♄			-4661 Aug 15 j 22:30	0°♄	
evening rise	-4663 Mar 06 j 08:26	19°♄45'16		morning max el	-4661 Aug 25 j 11:08	9°♄11'04	46°39'16
	-4663 Mar 14 j 16:55	0°♄			-4661 Sep 14 j 00:11	0°♄	
asc. node	-4663 Apr 02 j 16:23	23°♄12'52		asc. node	-4661 Sep 18 j 13:02	5°♄05'45	
	-4663 Apr 08 j 05:47	0°♄			-4661 Oct 09 j 22:11	0°♄	
	-4663 May 02 j 21:34	0°♄			-4661 Nov 03 j 17:56	0°♄	
	-4663 May 27 j 17:14	0°♄			-4661 Nov 28 j 04:45	0°♄	
	-4663 Jun 21 j 18:56	0°♄			-4661 Dec 22 j 14:15	0°♄	
	-4663 Jul 17 j 07:37	0°♄		desc. node	-4660 Jan 08 j 11:55	20°♄45'01	
desc. node	-4663 Jul 23 j 13:59	7°♄13'41			-4660 Jan 16 j 01:01	0°♄	
	-4663 Aug 12 j 19:02	0°♄			-4660 Feb 09 j 12:59	0°♄	
evening max el	-4663 Sep 01 j 22:36	21°♄19'50	47°34'13	morning set	-4660 Feb 29 j 23:27	25°♄00'49	
	-4663 Sep 10 j 19:37	0°♄			-4660 Mar 05 j 01:10	0°♄	
greatest brilliancy	-4663 Oct 10 j 20:36	22°♄06'08	-4.7m		-4660 Mar 29 j 12:44	0°♄	
retrograde	-4663 Oct 22 j 20:19	24°♄48'43		max. Earth dist.	-4660 Apr 04 j 20:59	7°♄47'03	1.73744 AU

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4660 Apr 06 j 10:16	9° H 41'27	0°-51'-32	minimum elong	-4658 Aug 27 j 09:45	27° G 47'13	8°52'29
minimum elong	-4660 Apr 06 j 18:25	10° H 06'27	0°51'20	min. Earth dist.	-4658 Aug 27 j 13:38	27° G 41'20	0.26854 AU
	-4660 Apr 22 j 23:08	0° Y		morning rise	-4658 Aug 30 j 08:47	26° G 01'03	
asc. node	-4660 Apr 30 j 05:00	8° Y 54'32		direct	-4658 Sep 16 j 20:22	20° G 13'01	
evening rise	-4660 May 12 j 04:07	23° Y 38'04		greatest brilliancy	-4658 Sep 29 j 18:36	23° G 20'03	-4.7m
	-4660 May 17 j 08:10	0° X			-4658 Oct 10 j 23:19	0° Q	
	-4660 Jun 10 j 16:02	0° II		asc. node	-4658 Oct 16 j 00:18	3° Q 49'42	
	-4660 Jul 04 j 23:41	0° G		morning max el	-4658 Nov 06 j 15:49	23° Q 54'57	46°49'24
	-4660 Jul 29 j 08:54	0° Q			-4658 Nov 12 j 12:02	0° M	
desc. node	-4660 Aug 20 j 02:01	26° Q 32'46			-4658 Dec 09 j 12:19	0° L	
	-4660 Aug 22 j 22:11	0° M			-4657 Jan 04 j 05:49	0° M	
	-4660 Sep 16 j 19:19	0° L			-4657 Jan 29 j 12:50	0° X	
	-4660 Oct 12 j 08:10	0° M		desc. node	-4657 Feb 04 j 23:57	7° X 42'40	
	-4660 Nov 08 j 11:25	0° X			-4657 Feb 23 j 14:54	0° Z	
evening max el	-4660 Nov 12 j 04:13	3° X 49'21	47°02'28		-4657 Mar 20 j 12:57	0° \approx	
asc. node	-4660 Dec 10 j 20:38	29° X 02'49			-4657 Apr 14 j 06:46	0° H	
	-4660 Dec 12 j 07:18	0° Z		morning set	-4657 May 08 j 03:51	29° H 10'36	
greatest brilliancy	-4660 Dec 18 j 05:55	3° Z 25'39	-4.6m		-4657 May 08 j 19:57	0° Y	
retrograde	-4659 Jan 01 j 23:46	7° Z 25'17		asc. node	-4657 May 28 j 17:26	24° Y 29'37	
evening set	-4659 Jan 19 j 01:16	1° Z 38'20			-4657 Jun 02 j 04:19	0° X	
	-4659 Jan 21 j 16:15	30° R X		max. Earth dist.	-4657 Jun 08 j 14:55	7° X 58'40	1.72754 AU
min. Earth dist.	-4659 Jan 22 j 11:05	29° X 29'55	0.28730 AU				
inferior conj	-4659 Jan 23 j 04:58	29° X 01'19	7°52'40	superior conj	-4657 Jun 13 j 01:45	13° X 29'55	0°35'00
minimum elong	-4659 Jan 22 j 23:22	29° X 10'17	7°51'55	minimum elong	-4657 Jun 12 j 19:19	13° X 09'58	0°34'52
morning rise	-4659 Jan 26 j 21:50	26° X 41'29			-4657 Jun 26 j 08:12	0° II	
direct	-4659 Feb 13 j 10:14	20° X 45'47		evening rise	-4657 Jul 19 j 08:48	28° II 44'57	
greatest brilliancy	-4659 Feb 24 j 16:30	23° X 03'23	-4.5m		-4657 Jul 20 j 08:48	0° G	
	-4659 Mar 09 j 12:38	0° Z			-4657 Aug 13 j 08:03	0° Q	
desc. node	-4659 Apr 01 j 20:50	19° Z 17'40			-4657 Sep 06 j 08:11	0° M	
morning max el	-4659 Apr 03 j 05:37	20° Z 35'09	45°50'27	desc. node	-4657 Sep 17 j 14:27	14° M 01'33	
	-4659 Apr 12 j 19:56	0° \approx			-4657 Sep 30 j 11:09	0° L	
	-4659 May 10 j 23:10	0° H			-4657 Oct 24 j 18:53	0° M	
	-4659 Jun 06 j 05:47	0° Y			-4657 Nov 18 j 10:46	0° X	
	-4659 Jul 01 j 12:01	0° X			-4657 Dec 13 j 18:50	0° Z	
asc. node	-4659 Jul 23 j 15:46	27° X 01'10		asc. node	-4656 Jan 08 j 08:09	28° Z 36'35	
	-4659 Jul 26 j 01:47	0° II			-4656 Jan 09 j 15:28	0° \approx	
	-4659 Aug 19 j 04:16	0° G		evening max el	-4656 Jan 23 j 01:10	13° \approx 43'14	45°34'45
	-4659 Sep 12 j 00:15	0° Q			-4656 Feb 10 j 06:57	0° H	
morning set	-4659 Sep 29 j 02:43	21° Q 36'33		greatest brilliancy	-4656 Feb 26 j 02:25	10° H 14'53	-4.5m
	-4659 Oct 05 j 18:09	0° M		retrograde	-4656 Mar 11 j 18:20	14° H 00'41	
	-4659 Oct 29 j 13:15	0° L		evening set	-4656 Mar 28 j 06:28	8° H 49'38	
				inferior conj	-4656 Apr 02 j 06:10	5° H 45'57	5°36'06
superior conj	-4659 Nov 09 j 22:18	14° L 17'22	0°06'09	minimum elong	-4656 Apr 02 j 15:04	5° H 31'53	5°34'11
minimum elong	-4659 Nov 09 j 23:59	14° L 22'38	0°06'00	min. Earth dist.	-4656 Apr 02 j 22:42	5° H 19'50	0.29302 AU
behind sun begin	-4659 Nov 08 j 22:25	13° L 02'26		morning rise	-4656 Apr 07 j 23:25	2° H 15'59	
behind sun end	-4659 Nov 11 j 01:33	15° L 42'49			-4656 Apr 12 j 09:20	30° R \approx	
desc. node	-4659 Nov 12 j 13:23	17° L 35'10		direct	-4656 Apr 24 j 02:39	27° \approx 19'19	
max. Earth dist.	-4659 Nov 15 j 02:34	20° L 46'52	1.71354 AU	desc. node	-4656 Apr 29 j 07:59	27° \approx 49'43	
	-4659 Nov 22 j 11:19	0° M			-4656 May 06 j 10:56	0° H	
	-4659 Dec 16 j 12:49	0° X		greatest brilliancy	-4656 May 08 j 00:13	0° H 40'17	-4.5m
evening rise	-4659 Dec 21 j 23:46	6° X 46'44		morning max el	-4656 Jun 12 j 05:14	27° H 27'31	46°01'54
	-4658 Jan 09 j 17:53	0° Z			-4656 Jun 14 j 19:53	0° Y	
	-4658 Feb 03 j 03:18	0° \approx			-4656 Jul 13 j 04:05	0° X	
	-4658 Feb 27 j 18:57	0° H			-4656 Aug 08 j 02:50	0° II	
asc. node	-4658 Mar 05 j 06:07	6° H 35'37		asc. node	-4656 Aug 20 j 03:43	14° II 26'21	
	-4658 Mar 24 j 19:37	0° Y			-4656 Sep 01 j 21:59	0° G	
	-4658 Apr 19 j 09:23	0° X			-4656 Sep 26 j 02:33	0° Q	
	-4658 May 15 j 20:24	0° II			-4656 Oct 20 j 00:59	0° M	
	-4658 Jun 13 j 04:25	0° G			-4656 Nov 12 j 22:58	0° L	
evening max el	-4658 Jun 17 j 21:11	4° G 37'02	46°14'50		-4656 Dec 06 j 23:23	0° M	
desc. node	-4658 Jun 25 j 04:30	11° G 29'04		desc. node	-4656 Dec 10 j 01:43	3° M 51'28	
	-4658 Jul 19 j 10:43	0° Q		morning set	-4656 Dec 15 j 13:10	10° M 40'20	
greatest brilliancy	-4658 Jul 27 j 03:55	3° Q 35'24	-4.6m		-4656 Dec 31 j 02:54	0° X	
retrograde	-4658 Aug 06 j 13:06	5° Q 32'38			-4655 Jan 24 j 09:02	0° Z	
	-4658 Aug 23 j 16:44	30° R G					
evening set	-4658 Aug 24 j 10:39	29° G 33'50		superior conj	-4655 Jan 25 j 03:36	0° Z 57'18	-1°-19'-48
inferior conj	-4658 Aug 27 j 06:08	27° G 52'41	-8°-52'-52	minimum elong	-4655 Jan 24 j 22:01	0° Z 40'03	1°19'59

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 50

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4655 Jan 27 j 21:23	4°☾20'12	1.73004 AU			-4653 Sep 13 j 17:10	0°☾	
	-4655 Feb 17 j 17:18	0°≈		asc. node		-4653 Sep 17 j 15:17	4°☾25'45	
evening rise	-4655 Mar 04 j 01:40	17°≈37'45				-4653 Oct 09 j 12:26	0°♈	
	-4655 Mar 14 j 03:45	0°✕				-4653 Nov 03 j 06:56	0°♍	
asc. node	-4655 Apr 01 j 18:36	22°✕46'19				-4653 Nov 27 j 17:01	0°♊	
	-4655 Apr 07 j 16:46	0°♑				-4653 Dec 22 j 01:59	0°♋	
	-4655 May 02 j 08:56	0°♌		desc. node		-4652 Jan 07 j 14:07	20°♋16'35	
	-4655 May 27 j 05:13	0°♍				-4652 Jan 15 j 12:21	0°♎	
	-4655 Jun 21 j 07:56	0°☾				-4652 Feb 09 j 00:01	0°☾	
	-4655 Jul 16 j 22:21	0°♈		morning set		-4652 Feb 27 j 16:03	22°☾51'25	
desc. node	-4655 Jul 22 j 16:04	6°♈35'55				-4652 Mar 04 j 12:00	0°≈	
	-4655 Aug 12 j 13:08	0°♍				-4652 Mar 28 j 23:27	0°✕	
evening max el	-4655 Aug 30 j 11:27	18°♍52'48	47°33'03	max. Earth dist.		-4652 Apr 02 j 20:24	5°✕58'44	1.73746 AU
	-4655 Sep 11 j 00:01	0°♊						
greatest brilliancy	-4655 Oct 08 j 12:38	19°♊40'57	-4.7m	superior conj		-4652 Apr 04 j 04:56	7°✕38'34	0°-53'-53
retrograde	-4655 Oct 20 j 09:09	22°♊20'41		minimum elong		-4652 Apr 04 j 13:14	8°✕04'04	0°53'43
evening set	-4655 Nov 04 j 00:05	18°♊02'53				-4652 Apr 22 j 09:50	0°♑	
min. Earth dist.	-4655 Nov 09 j 11:00	14°♊48'19	0.26630 AU	asc. node		-4652 Apr 29 j 07:02	8°♑27'47	
inferior conj	-4655 Nov 10 j 01:05	14°♊26'26	0°-37'-7	evening rise		-4652 May 09 j 23:43	21°♑37'29	
minimum elong	-4655 Nov 10 j 02:28	14°♊24'18	0°36'45			-4652 May 16 j 18:57	0°♌	
asc. node	-4655 Nov 12 j 11:22	12°♊56'36				-4652 Jun 10 j 03:03	0°♍	
morning rise	-4655 Nov 16 j 05:23	10°♊46'51				-4652 Jul 04 j 11:05	0°☾	
direct	-4655 Nov 30 j 07:10	6°♊46'28				-4652 Jul 28 j 20:48	0°♈	
greatest brilliancy	-4655 Dec 11 j 11:16	9°♊06'27	-4.6m	desc. node		-4652 Aug 19 j 04:14	26°♈01'29	
	-4654 Jan 10 j 01:31	0°♋				-4652 Aug 22 j 10:48	0°♍	
morning max el	-4654 Jan 18 j 21:48	8°♋22'50	46°17'56			-4652 Sep 16 j 09:02	0°♊	
	-4654 Feb 08 j 20:29	0°♎				-4652 Oct 11 j 23:54	0°♋	
desc. node	-4654 Mar 04 j 11:40	26°♎05'18				-4652 Nov 08 j 08:12	0°♌	
	-4654 Mar 07 j 22:41	0°☾		evening max el		-4652 Nov 09 j 20:57	1°♌34'20	47°05'09
	-4654 Apr 02 j 23:49	0°≈		asc. node		-4652 Dec 09 j 22:48	27°♌43'52	
	-4654 Apr 28 j 10:04	0°✕				-4652 Dec 13 j 16:49	0°☾	
	-4654 May 23 j 08:59	0°♑				-4652 Dec 16 j 00:24	1°☾13'54	-4.6m
	-4654 Jun 16 j 22:13	0°♌		greatest brilliancy		-4652 Dec 30 j 16:48	5°☾11'14	
asc. node	-4654 Jun 25 j 05:46	10°♌15'49		retrograde		-4651 Jan 15 j 17:59	30°♌♎	
	-4654 Jul 11 j 03:08	0°♍				-4651 Jan 16 j 15:03	29°♌28'25	
morning set	-4654 Jul 15 j 02:24	4°♍57'14		evening set		-4651 Jan 20 j 01:47	27°♌18'36	0.28662 AU
	-4654 Aug 04 j 01:49	0°☾		min. Earth dist.		-4651 Jan 20 j 21:06	26°♌47'40	7°46'32
max. Earth dist.	-4654 Aug 20 j 13:19	20°☾45'21	1.71082 AU	inferior conj		-4651 Jan 20 j 14:56	26°♌57'32	7°45'40
				minimum elong		-4651 Jan 24 j 15:16	24°♌25'56	
superior conj	-4654 Aug 22 j 03:43	22°☾46'27	1°23'42	morning rise		-4651 Jan 24 j 15:16	24°♌25'56	
minimum elong	-4654 Aug 22 j 05:02	22°☾50'39	1°23'56	direct		-4651 Feb 11 j 02:09	18°♌33'29	
	-4654 Aug 27 j 21:10	0°♈		greatest brilliancy		-4651 Feb 22 j 04:56	20°♌48'18	-4.5m
	-4654 Sep 20 j 16:05	0°♍				-4651 Mar 10 j 07:15	0°☾	
evening rise	-4654 Oct 01 j 21:38	14°♍08'15		desc. node		-4651 Mar 31 j 22:59	18°☾28'50	
	-4654 Oct 14 j 12:49	0°♊		morning max el		-4651 Mar 31 j 21:25	18°☾25'06	45°50'42
desc. node	-4654 Oct 15 j 02:57	0°♊44'20				-4651 Apr 12 j 15:02	0°≈	
	-4654 Nov 07 j 12:38	0°♋				-4651 May 10 j 13:47	0°✕	
	-4654 Dec 01 j 16:32	0°♎				-4651 Jun 05 j 18:34	0°♑	
	-4654 Dec 26 j 02:29	0°♌				-4651 Jun 30 j 23:54	0°♌	
	-4653 Jan 19 j 22:36	0°☾		asc. node		-4651 Jul 22 j 17:59	26°♌32'41	
asc. node	-4653 Feb 04 j 20:01	18°≈46'22				-4651 Jul 25 j 13:12	0°♍	
	-4653 Feb 14 j 12:41	0°✕				-4651 Aug 18 j 15:28	0°☾	
	-4653 Mar 13 j 12:36	0°♑				-4651 Sep 11 j 11:21	0°♈	
evening max el	-4653 Apr 03 j 21:34	21°♑39'49	45°07'49	morning set		-4651 Sep 26 j 13:54	19°♈05'19	
	-4653 Apr 13 j 01:18	0°♌				-4651 Oct 05 j 05:13	0°♍	
greatest brilliancy	-4653 May 09 j 10:46	17°♌57'39	-4.5m			-4651 Oct 29 j 00:20	0°♊	
retrograde	-4653 May 22 j 05:39	20°♌48'09		superior conj		-4651 Nov 07 j 07:05	11°♊39'34	0°10'07
desc. node	-4653 May 27 j 19:14	20°♌11'48		minimum elong		-4651 Nov 07 j 09:51	11°♊48'15	0°09'57
evening set	-4653 Jun 06 j 02:40	16°♌36'21		behind sun begin		-4651 Nov 06 j 11:59	10°♊39'38	
inferior conj	-4653 Jun 12 j 10:44	12°♌55'44	-3°-35'-23	behind sun end		-4651 Nov 08 j 07:43	12°♊56'51	
minimum elong	-4653 Jun 12 j 03:14	13°♌07'08	3°33'13	desc. node		-4651 Nov 11 j 15:24	17°♊06'40	
min. Earth dist.	-4653 Jun 12 j 21:30	12°♌39'22	0.28137 AU	max. Earth dist.		-4651 Nov 12 j 13:19	18°♊15'22	1.71309 AU
morning rise	-4653 Jun 18 j 03:09	9°♌34'42				-4651 Nov 21 j 22:25	0°♋	
direct	-4653 Jul 03 j 21:57	4°♌50'25				-4651 Dec 15 j 23:55	0°♌	
greatest brilliancy	-4653 Jul 18 j 15:01	8°♌38'55	-4.6m	evening rise		-4651 Dec 19 j 10:58	4°♌18'00	
	-4653 Aug 16 j 00:28	0°♍				-4650 Jan 09 j 05:00	0°☾	
morning max el	-4653 Aug 23 j 02:42	6°♍54'26	46°37'59			-4650 Feb 02 j 14:33	0°≈	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4650 Feb 27 j 06:31	0° H			-4648 Aug 07 j 16:16	0° II	
asc. node	-4650 Mar 04 j 08:17	6° H 07'00		asc. node	-4648 Aug 19 j 05:49	13° II 53'42	
	-4650 Mar 24 j 07:51	0° Y			-4648 Sep 01 j 10:28	0° S	
	-4650 Apr 18 j 22:53	0° B			-4648 Sep 25 j 14:31	0° Q	
	-4650 May 15 j 12:25	0° II			-4648 Oct 19 j 12:39	0° M	
	-4650 Jun 13 j 02:51	0° S			-4648 Nov 12 j 10:25	0° A	
evening max el	-4650 Jun 15 j 10:06	2° S 14'34	46°11'36		-4648 Dec 06 j 10:39	0° M	
desc. node	-4650 Jun 24 j 06:44	10° S 30'30		desc. node	-4648 Dec 09 j 03:54	3° M 23'12	
	-4650 Jul 21 j 18:52	0° Q		morning set	-4648 Dec 12 j 23:59	8° M 09'49	
greatest brilliancy	-4650 Jul 24 j 16:24	1° Q 09'43	-4.6m		-4648 Dec 30 j 14:01	0° A	
retrograde	-4650 Aug 04 j 00:33	3° Q 05'59					
	-4650 Aug 16 j 15:08	30° R S		superior conj	-4647 Jan 22 j 18:01	28° A 39'39	-1°-18'-45
evening set	-4650 Aug 21 j 23:32	27° S 06'49		minimum elong	-4647 Jan 22 j 11:42	28° A 20'09	1°18'54
inferior conj	-4650 Aug 24 j 18:33	25° S 26'16	-8°-55'-45		-4647 Jan 23 j 20:03	0° S	
minimum elong	-4650 Aug 24 j 21:13	25° S 22'15	8°55'28	max. Earth dist.	-4647 Jan 25 j 13:12	2° S 07'01	1.72956 AU
min. Earth dist.	-4650 Aug 25 j 02:14	25° S 14'39	0.26889 AU		-4647 Feb 17 j 04:18	0° \approx	
morning rise	-4650 Aug 27 j 18:48	23° S 37'58		evening rise	-4647 Mar 01 j 18:42	15° \approx 28'53	
direct	-4650 Sep 14 j 09:04	17° S 46'04			-4647 Mar 13 j 14:49	0° H	
greatest brilliancy	-4650 Sep 27 j 08:52	20° S 53'58	-4.7m	asc. node	-4647 Mar 31 j 20:35	22° H 18'08	
	-4650 Oct 11 j 19:36	0° Q			-4647 Apr 07 j 04:03	0° Y	
asc. node	-4650 Oct 15 j 02:19	2° Q 37'10			-4647 May 01 j 20:36	0° B	
morning max el	-4650 Nov 04 j 03:40	21° Q 24'10	46°49'48		-4647 May 26 j 17:32	0° II	
	-4650 Nov 12 j 08:27	0° M			-4647 Jun 20 j 21:19	0° S	
	-4650 Dec 09 j 04:02	0° A			-4647 Jul 16 j 13:31	0° Q	
	-4649 Jan 03 j 19:32	0° M		desc. node	-4647 Jul 21 j 18:16	5° Q 57'20	
	-4649 Jan 29 j 01:27	0° A			-4647 Aug 12 j 07:57	0° M	
desc. node	-4649 Feb 04 j 02:07	7° A 12'06		evening max el	-4647 Aug 28 j 00:45	16° M 26'18	47°31'52
	-4649 Feb 23 j 02:47	0° S			-4647 Sep 11 j 06:43	0° A	
	-4649 Mar 20 j 00:20	0° \approx		greatest brilliancy	-4647 Oct 06 j 03:49	17° A 13'56	-4.7m
	-4649 Apr 13 j 17:50	0° H		retrograde	-4647 Oct 17 j 22:25	19° A 51'54	
morning set	-4649 May 05 j 22:41	27° H 07'44		evening set	-4647 Nov 01 j 14:12	15° A 32'37	
	-4649 May 08 j 06:51	0° Y		min. Earth dist.	-4647 Nov 07 j 01:03	12° A 18'32	0.26590 AU
asc. node	-4649 May 27 j 19:31	24° Y 02'30		inferior conj	-4647 Nov 07 j 13:59	11° A 58'30	-1°00'-50
	-4649 Jun 01 j 15:11	0° B		minimum elong	-4647 Nov 07 j 16:14	11° A 55'02	1°00'11
max. Earth dist.	-4649 Jun 06 j 09:45	5° B 54'38	1.72813 AU	asc. node	-4647 Nov 11 j 13:33	9° A 33'33	
				morning rise	-4647 Nov 13 j 18:46	8° A 18'55	
superior conj	-4649 Jun 10 j 19:55	11° B 23'39	0°32'08	direct	-4647 Nov 27 j 19:35	4° A 19'05	
minimum elong	-4649 Jun 10 j 13:56	11° B 05'07	0°32'00	greatest brilliancy	-4647 Dec 09 j 01:38	6° A 41'33	-4.6m
	-4649 Jun 25 j 19:09	0° II			-4646 Jan 10 j 04:43	0° M	
evening rise	-4649 Jul 17 j 01:07	26° II 31'16		morning max el	-4646 Jan 16 j 12:17	6° M 03'21	46°19'23
	-4649 Jul 19 j 19:54	0° S			-4646 Feb 08 j 13:54	0° A	
	-4649 Aug 12 j 19:21	0° Q		desc. node	-4646 Mar 03 j 13:47	25° A 30'04	
	-4649 Sep 05 j 19:43	0° M			-4646 Mar 07 j 12:57	0° S	
desc. node	-4649 Sep 16 j 16:30	13° M 31'40			-4646 Apr 02 j 12:36	0° \approx	
	-4649 Sep 29 j 23:00	0° A			-4646 Apr 27 j 22:03	0° H	
	-4649 Oct 24 j 07:10	0° M			-4646 May 22 j 20:31	0° Y	
	-4649 Nov 17 j 23:46	0° A			-4646 Jun 16 j 09:29	0° B	
	-4649 Dec 13 j 09:16	0° S		asc. node	-4646 Jun 24 j 07:58	9° B 47'52	
asc. node	-4648 Jan 07 j 10:21	27° S 55'04			-4646 Jul 10 j 14:17	0° II	
	-4648 Jan 09 j 09:35	0° \approx		morning set	-4646 Jul 12 j 18:16	2° II 42'04	
evening max el	-4648 Jan 20 j 15:19	11° \approx 27'02	45°37'06		-4646 Aug 03 j 13:00	0° S	
	-4648 Feb 10 j 18:40	0° H		max. Earth dist.	-4646 Aug 17 j 22:55	18° S 08'55	1.71121 AU
greatest brilliancy	-4648 Feb 23 j 17:35	8° H 05'19	-4.5m				
retrograde	-4648 Mar 09 j 10:58	11° H 53'52		superior conj	-4646 Aug 19 j 16:50	20° S 21'04	1°23'51
evening set	-4648 Mar 26 j 01:42	6° H 38'37		minimum elong	-4646 Aug 19 j 17:16	20° S 22'26	1°24'05
inferior conj	-4648 Mar 30 j 23:06	3° H 38'20	5°49'25		-4646 Aug 27 j 08:25	0° Q	
minimum elong	-4648 Mar 31 j 08:00	3° H 24'15	5°47'34		-4646 Sep 20 j 03:27	0° M	
min. Earth dist.	-4648 Mar 31 j 15:21	3° H 12'39	0.29326 AU	evening rise	-4646 Sep 29 j 06:32	11° M 29'28	
morning rise	-4648 Apr 05 j 14:02	0° H 11'30		desc. node	-4646 Oct 14 j 04:57	0° A 14'37	
	-4648 Apr 05 j 22:06	30° R \approx			-4646 Oct 14 j 00:18	0° A	
direct	-4648 Apr 21 j 18:54	25° \approx 11'13			-4646 Nov 07 j 00:13	0° M	
desc. node	-4648 Apr 28 j 10:00	25° \approx 59'38			-4646 Dec 01 j 04:17	0° A	
greatest brilliancy	-4648 May 05 j 16:14	28° \approx 31'23	-4.5m		-4646 Dec 25 j 14:31	0° S	
	-4648 May 08 j 16:42	0° H			-4645 Jan 19 j 11:16	0° \approx	
morning max el	-4648 Jun 09 j 20:53	25° H 15'44	46°00'56	asc. node	-4645 Feb 03 j 22:10	18° \approx 13'44	
	-4648 Jun 14 j 16:55	0° Y			-4645 Feb 14 j 02:41	0° H	
	-4648 Jul 12 j 19:34	0° B			-4645 Mar 13 j 05:51	0° Y	

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 52

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4645 Apr 01 j 13:44	19°Υ29'36	45°07'03		-4643 Oct 04 j 16:37	0°Π	
	-4645 Apr 13 j 06:30	0°Ϡ			-4643 Oct 28 j 11:42	0°Δ	
greatest brilliancy	-4645 May 06 j 23:21	15°Ϡ41'35	-4.5m				
retrograde	-4645 May 19 j 20:24	18°Ϡ33'37		superior conj	-4643 Nov 04 j 15:42	9°Δ00'19	0°14'06
desc. node	-4645 May 26 j 21:30	17°Ϡ35'29		minimum elong	-4643 Nov 04 j 19:32	9°Δ12'22	0°13'54
evening set	-4645 Jun 03 j 16:18	14°Ϡ23'14		behind sun begin	-4643 Nov 04 j 04:58	8°Δ26'37	
inferior conj	-4645 Jun 10 j 01:27	10°Ϡ40'34	-3°-15'-50	behind sun end	-4643 Nov 05 j 10:07	9°Δ58'08	
minimum elong	-4645 Jun 09 j 18:32	10°Ϡ51'06	3°13'48	max. Earth dist.	-4643 Nov 09 j 21:48	15°Δ35'54	1.71257 AU
min. Earth dist.	-4645 Jun 10 j 12:24	10°Ϡ23'53	0.28182 AU	desc. node	-4643 Nov 10 j 17:35	16°Δ37'55	
morning rise	-4645 Jun 15 j 20:12	7°Ϡ16'07			-4643 Nov 21 j 09:46	0°Π	
direct	-4645 Jul 01 j 13:52	2°Ϡ34'32			-4643 Dec 15 j 11:16	0°Ϡ	
greatest brilliancy	-4645 Jul 16 j 06:12	6°Ϡ22'24	-4.6m	evening rise	-4643 Dec 16 j 21:58	1°Ϡ47'50	
	-4645 Aug 16 j 01:43	0°Π			-4642 Jan 08 j 16:22	0°Ϡ	
morning max el	-4645 Aug 20 j 17:40	4°Π35'06	46°36'47		-4642 Feb 02 j 02:02	0°≈	
	-4645 Sep 13 j 10:15	0°Ϡ			-4642 Feb 26 j 18:19	0°Ϡ	
asc. node	-4645 Sep 16 j 17:21	3°Ϡ44'30		asc. node	-4642 Mar 03 j 10:19	5°Ϡ37'22	
	-4645 Oct 09 j 02:53	0°Ω			-4642 Mar 23 j 20:19	0°Υ	
	-4645 Nov 02 j 20:09	0°Π			-4642 Apr 18 j 12:40	0°Ϡ	
	-4645 Nov 27 j 05:30	0°Δ			-4642 May 15 j 04:51	0°Π	
	-4645 Dec 21 j 13:58	0°Π		evening max el	-4642 Jun 12 j 22:05	29°Π49'26	46°08'12
desc. node	-4644 Jan 06 j 16:13	19°Π46'58			-4642 Jun 13 j 02:28	0°Ϡ	
	-4644 Jan 14 j 23:58	0°Ϡ		desc. node	-4642 Jun 23 j 08:50	9°Ϡ29'35	
	-4644 Feb 08 j 11:21	0°Ϡ		greatest brilliancy	-4642 Jul 22 j 04:29	28°Ϡ42'38	-4.6m
morning set	-4644 Feb 25 j 08:49	20°Ϡ41'38			-4642 Jul 26 j 15:40	0°Ω	
	-4644 Mar 03 j 23:07	0°≈		retrograde	-4642 Aug 01 j 11:45	0°Ω38'26	
	-4644 Mar 28 j 10:26	0°Ϡ			-4642 Aug 07 j 04:27	30°ϠϠ	
max. Earth dist.	-4644 Mar 31 j 20:12	4°Ϡ10'50	1.73748 AU	evening set	-4642 Aug 19 j 11:41	24°Ϡ39'19	
				inferior conj	-4642 Aug 22 j 06:50	22°Ϡ58'42	-8°-57'-35
superior conj	-4644 Apr 01 j 23:44	5°Ϡ35'17	0°-56'-10	minimum elong	-4642 Aug 22 j 08:30	22°Ϡ56'10	8°57'21
minimum elong	-4644 Apr 02 j 08:09	6°Ϡ01'07	0°56'00	min. Earth dist.	-4642 Aug 22 j 14:54	22°Ϡ46'29	0.26933 AU
	-4644 Apr 21 j 20:49	0°Υ		morning rise	-4642 Aug 25 j 05:13	21°Ϡ13'06	
asc. node	-4644 Apr 28 j 09:10	8°Υ00'27		direct	-4642 Sep 11 j 21:24	15°Ϡ17'33	
evening rise	-4644 May 07 j 19:21	19°Υ36'03		greatest brilliancy	-4642 Sep 25 j 00:18	18°Ϡ28'04	-4.7m
	-4644 May 16 j 06:06	0°Ϡ			-4642 Oct 12 j 11:21	0°Ω	
	-4644 Jun 09 j 14:29	0°Π		asc. node	-4642 Oct 14 j 04:32	1°Ω25'44	
	-4644 Jul 03 j 22:54	0°Ϡ		morning max el	-4642 Nov 01 j 15:46	18°Ω52'44	46°50'22
	-4644 Jul 28 j 09:09	0°Ω			-4642 Nov 12 j 04:40	0°Π	
desc. node	-4644 Aug 18 j 06:16	25°Ω28'22			-4642 Dec 08 j 19:49	0°Δ	
	-4644 Aug 21 j 23:51	0°Π			-4641 Jan 03 j 09:22	0°Π	
	-4644 Sep 15 j 23:13	0°Δ			-4641 Jan 28 j 14:08	0°Ϡ	
	-4644 Oct 11 j 16:12	0°Π		desc. node	-4641 Feb 03 j 04:09	6°Ϡ40'51	
evening max el	-4644 Nov 07 j 13:11	29°Π17'03	47°07'48		-4641 Feb 22 j 14:44	0°Ϡ	
	-4644 Nov 08 j 06:02	0°Ϡ			-4641 Mar 19 j 11:48	0°≈	
asc. node	-4644 Dec 09 j 01:03	26°Ϡ21'43			-4641 Apr 13 j 04:59	0°Ϡ	
greatest brilliancy	-4644 Dec 13 j 19:44	29°Ϡ02'20	-4.6m	morning set	-4641 May 03 j 17:53	25°Ϡ05'41	
	-4644 Dec 15 j 20:40	0°Ϡ			-4641 May 07 j 17:50	0°Υ	
retrograde	-4644 Dec 28 j 09:29	2°Ϡ56'11		asc. node	-4641 May 26 j 21:46	23°Υ35'39	
	-4643 Jan 09 j 06:53	30°ϠϠ			-4641 Jun 01 j 02:08	0°Ϡ	
evening set	-4643 Jan 14 j 04:49	27°Ϡ17'56		max. Earth dist.	-4641 Jun 04 j 06:53	3°Ϡ57'32	1.72870 AU
min. Earth dist.	-4643 Jan 17 j 16:52	25°Ϡ06'02	0.28591 AU				
inferior conj	-4643 Jan 18 j 13:17	24°Ϡ33'17	7°39'44	superior conj	-4641 Jun 08 j 14:32	9°Ϡ18'36	0°29'15
minimum elong	-4643 Jan 18 j 06:38	24°Ϡ43'57	7°38'44	minimum elong	-4641 Jun 08 j 09:01	9°Ϡ01'32	0°29'08
morning rise	-4643 Jan 22 j 08:55	22°Ϡ09'15			-4641 Jun 25 j 06:10	0°Π	
direct	-4643 Feb 08 j 17:52	16°Ϡ20'32		evening rise	-4641 Jul 14 j 17:59	24°Π19'12	
greatest brilliancy	-4643 Feb 19 j 17:35	18°Ϡ32'31	-4.5m		-4641 Jul 19 j 07:04	0°Ϡ	
	-4643 Mar 10 j 21:28	0°Ϡ			-4641 Aug 12 j 06:46	0°Ω	
morning max el	-4643 Mar 29 j 12:25	16°Ϡ12'21	45°51'04		-4641 Sep 05 j 07:27	0°Π	
desc. node	-4643 Mar 31 j 00:59	17°Ϡ39'47		desc. node	-4641 Sep 15 j 18:33	13°Π01'11	
	-4643 Apr 12 j 09:52	0°≈			-4641 Sep 29 j 11:05	0°Δ	
	-4643 May 10 j 04:27	0°Ϡ			-4641 Oct 23 j 19:43	0°Π	
	-4643 Jun 05 j 07:32	0°Υ			-4641 Nov 17 j 13:03	0°Ϡ	
	-4643 Jun 30 j 12:03	0°Ϡ			-4641 Dec 13 j 00:02	0°Ϡ	
asc. node	-4643 Jul 21 j 20:04	26°Ϡ02'47		asc. node	-4640 Jan 06 j 12:28	27°Ϡ12'29	
	-4643 Jul 25 j 00:57	0°Π			-4640 Jan 09 j 04:16	0°≈	
	-4643 Aug 18 j 03:02	0°Ϡ		evening max el	-4640 Jan 18 j 05:59	9°≈11'51	45°39'48
	-4643 Sep 10 j 22:49	0°Ω			-4640 Feb 11 j 10:25	0°Ϡ	
morning set	-4643 Sep 24 j 00:49	16°Ω32'03		greatest brilliancy	-4640 Feb 21 j 08:11	5°Ϡ55'13	-4.5m

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4640 Mar 07 j 04:18	9° H 47'34		superior conj	-4638 Aug 17 j 06:38	17° G 58'36	1°23'50
evening set	-4640 Mar 23 j 21:09	4° H 27'55		minimum elong	-4638 Aug 17 j 06:12	17° G 57'14	1°24'04
inferior conj	-4640 Mar 28 j 16:12	1° H 31'05	6°02'18		-4638 Aug 26 j 19:26	0° Ω	
minimum elong	-4640 Mar 29 j 01:05	1° H 17'04	6°00'30		-4638 Sep 19 j 14:34	0° M	
min. Earth dist.	-4640 Mar 29 j 07:52	1° H 06'20	0.29346 AU	evening rise	-4638 Sep 26 j 16:00	8° M 53'15	
	-4640 Mar 31 j 02:09	30° R \approx		desc. node	-4638 Oct 13 j 07:12	29° M 46'30	
morning rise	-4640 Apr 03 j 04:45	28° \approx 07'43			-4638 Oct 13 j 11:30	0° $\underline{\text{A}}$	
direct	-4640 Apr 19 j 11:31	23° \approx 03'31			-4638 Nov 06 j 11:33	0° M	
desc. node	-4640 Apr 27 j 12:18	24° \approx 13'58			-4638 Nov 30 j 15:50	0° J	
greatest brilliancy	-4640 May 03 j 08:40	26° \approx 23'29	-4.5m		-4638 Dec 25 j 02:25	0° C	
	-4640 May 10 j 03:36	0° H			-4637 Jan 18 j 23:50	0° \approx	
morning max el	-4640 Jun 07 j 13:42	23° H 07'08	46°00'07	asc. node	-4637 Feb 03 j 00:14	17° \approx 41'11	
	-4640 Jun 14 j 13:11	0° Y			-4637 Feb 13 j 16:38	0° H	
	-4640 Jul 12 j 10:44	0° B			-4637 Mar 12 j 23:15	0° Y	
	-4640 Aug 07 j 05:32	0° II		evening max el	-4637 Mar 30 j 05:46	17° Y 19'49	45°06'32
asc. node	-4640 Aug 18 j 07:56	13° II 21'22			-4637 Apr 13 j 13:27	0° B	
	-4640 Aug 31 j 22:49	0° G		greatest brilliancy	-4637 May 04 j 12:56	13° B 27'56	-4.5m
	-4640 Sep 25 j 02:26	0° Ω		retrograde	-4637 May 17 j 10:49	16° B 20'38	
	-4640 Oct 19 j 00:20	0° M		desc. node	-4637 May 25 j 23:36	14° B 55'54	
	-4640 Nov 11 j 21:55	0° $\underline{\text{A}}$		evening set	-4637 Jun 01 j 06:22	12° B 11'29	
	-4640 Dec 05 j 22:00	0° M		inferior conj	-4637 Jun 07 j 16:24	8° B 27'08	-2°-56'-12
desc. node	-4640 Dec 08 j 06:03	2° M 54'37		minimum elong	-4637 Jun 07 j 10:07	8° B 36'44	2°54'19
morning set	-4640 Dec 10 j 10:17	5° M 37'16		min. Earth dist.	-4637 Jun 08 j 03:51	8° B 09'38	0.28226 AU
	-4640 Dec 30 j 01:12	0° J		morning rise	-4637 Jun 13 j 13:16	4° B 59'15	
				direct	-4637 Jun 29 j 05:41	0° B 20'22	
superior conj	-4639 Jan 20 j 07:52	26° J 20'07	-1°-17'-33	greatest brilliancy	-4637 Jul 13 j 20:50	4° B 06'28	-4.6m
minimum elong	-4639 Jan 20 j 00:50	25° J 58'24	1°17'41		-4637 Aug 16 j 01:23	0° II	
max. Earth dist.	-4639 Jan 23 j 04:24	29° J 51'42	1.72903 AU	morning max el	-4637 Aug 18 j 07:59	2° II 15'18	46°35'34
	-4639 Jan 23 j 07:05	0° C			-4637 Sep 13 j 02:40	0° G	
	-4639 Feb 16 j 15:16	0° \approx		asc. node	-4637 Sep 15 j 19:31	3° G 04'58	
evening rise	-4639 Feb 27 j 11:32	13° \approx 19'33			-4637 Oct 08 j 16:51	0° Ω	
	-4639 Mar 13 j 01:51	0° H			-4637 Nov 02 j 08:56	0° M	
asc. node	-4639 Mar 30 j 22:47	21° H 50'50			-4637 Nov 26 j 17:34	0° $\underline{\text{A}}$	
	-4639 Apr 06 j 15:17	0° Y			-4637 Dec 21 j 01:35	0° M	
	-4639 May 01 j 08:13	0° B		desc. node	-4636 Jan 05 j 18:15	19° M 18'12	
	-4639 May 26 j 05:49	0° II			-4636 Jan 14 j 11:15	0° J	
	-4639 Jun 20 j 10:39	0° G			-4636 Feb 07 j 22:22	0° C	
	-4639 Jul 16 j 04:41	0° Ω		morning set	-4636 Feb 23 j 01:16	18° C 31'43	
desc. node	-4639 Jul 20 j 20:21	5° Ω 18'43			-4636 Mar 03 j 09:56	0° \approx	
	-4639 Aug 12 j 03:00	0° M			-4636 Mar 27 j 21:09	0° H	
evening max el	-4639 Aug 25 j 14:55	14° M 02'53	47°30'29	max. Earth dist.	-4636 Mar 29 j 18:02	2° H 17'41	1.73745 AU
	-4639 Sep 11 j 15:31	0° $\underline{\text{A}}$					
greatest brilliancy	-4639 Oct 03 j 18:17	14° $\underline{\text{A}}$ 46'42	-4.7m	superior conj	-4636 Mar 30 j 18:17	3° H 32'05	0°-58'-24
retrograde	-4639 Oct 15 j 12:08	17° $\underline{\text{A}}$ 23'22		minimum elong	-4636 Mar 31 j 02:46	3° H 58'05	0°58'14
evening set	-4639 Oct 30 j 04:29	13° $\underline{\text{A}}$ 02'24			-4636 Apr 21 j 07:32	0° Y	
min. Earth dist.	-4639 Nov 04 j 14:48	9° $\underline{\text{A}}$ 49'13	0.26559 AU	asc. node	-4636 Apr 27 j 11:22	7° Y 34'14	
inferior conj	-4639 Nov 05 j 02:49	9° $\underline{\text{A}}$ 30'39	-1°-24'-37	evening rise	-4636 May 05 j 14:45	17° Y 34'56	
minimum elong	-4639 Nov 05 j 05:56	9° $\underline{\text{A}}$ 25'50	1°23'40		-4636 May 15 j 16:56	0° B	
asc. node	-4639 Nov 10 j 15:49	6° $\underline{\text{A}}$ 13'11			-4636 Jun 09 j 01:35	0° II	
morning rise	-4639 Nov 11 j 07:55	5° $\underline{\text{A}}$ 51'22			-4636 Jul 03 j 10:25	0° G	
direct	-4639 Nov 25 j 08:31	1° $\underline{\text{A}}$ 51'52			-4636 Jul 27 j 21:12	0° Ω	
greatest brilliancy	-4639 Dec 06 j 15:23	4° $\underline{\text{A}}$ 15'52	-4.6m	desc. node	-4636 Aug 17 j 08:21	24° Ω 56'19	
	-4638 Jan 10 j 06:28	0° M			-4636 Aug 21 j 12:39	0° M	
morning max el	-4638 Jan 14 j 03:15	3° M 45'00	46°20'41		-4636 Sep 15 j 13:11	0° $\underline{\text{A}}$	
	-4638 Feb 08 j 06:58	0° J			-4636 Oct 11 j 08:22	0° M	
desc. node	-4638 Mar 02 j 15:53	24° J 55'12		evening max el	-4636 Nov 05 j 04:37	26° M 58'46	47°10'22
	-4638 Mar 07 j 03:01	0° C			-4636 Nov 08 j 04:12	0° J	
	-4638 Apr 02 j 01:12	0° \approx		asc. node	-4636 Dec 08 j 03:06	24° J 57'51	
	-4638 Apr 27 j 09:49	0° H		greatest brilliancy	-4636 Dec 11 j 15:03	26° J 51'50	-4.6m
	-4638 May 22 j 07:49	0° Y			-4636 Dec 20 j 02:13	0° C	
	-4638 Jun 15 j 20:32	0° B		retrograde	-4636 Dec 26 j 01:46	0° C 42'22	
asc. node	-4638 Jun 23 j 10:01	9° B 20'06			-4636 Dec 31 j 21:18	30° R J	
morning set	-4638 Jul 10 j 10:33	0° II 29'02		evening set	-4635 Jan 11 j 18:32	25° J 08'50	
	-4638 Jul 10 j 01:14	0° II		min. Earth dist.	-4635 Jan 15 j 08:23	22° J 54'10	0.28521 AU
	-4638 Aug 02 j 23:57	0° G		inferior conj	-4635 Jan 16 j 05:33	22° J 20'12	7°32'08
max. Earth dist.	-4638 Aug 15 j 06:35	15° G 27'13	1.71158 AU	minimum elong	-4635 Jan 15 j 22:25	22° J 31'39	7°31'00
				morning rise	-4635 Jan 20 j 02:47	19° J 53'34	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4635 Feb 06 j 09:10	14° ♁ 08'45		desc. node	-4633 Sep 14 j 20:46	12° ♁ 31'58	
greatest brilliancy	-4635 Feb 17 j 07:09	16° ♁ 18'47	-4.5m		-4633 Sep 28 j 22:57	0° ♁	
	-4635 Mar 11 j 07:36	0° ♁			-4633 Oct 23 j 08:04	0° ♁	
morning max el	-4635 Mar 27 j 02:56	13° ♁ 59'15	45°51'24		-4633 Nov 17 j 02:11	0° ♁	
desc. node	-4635 Mar 30 j 03:16	16° ♁ 53'07			-4633 Dec 12 j 14:47	0° ♁	
	-4635 Apr 12 j 03:53	0° ♁		asc. node	-4632 Jan 05 j 14:38	26° ♁ 30'06	
	-4635 May 09 j 18:40	0° ♁			-4632 Jan 08 j 23:14	0° ♁	
	-4635 Jun 04 j 20:07	0° ♁		evening max el	-4632 Jan 15 j 21:37	6° ♁ 59'36	45°42'34
	-4635 Jun 29 j 23:49	0° ♁			-4632 Feb 12 j 07:21	0° ♁	
asc. node	-4635 Jul 20 j 22:11	25° ♁ 34'08		greatest brilliancy	-4632 Feb 18 j 23:10	3° ♁ 46'15	-4.5m
	-4635 Jul 24 j 12:19	0° ♁		retrograde	-4632 Mar 04 j 21:54	7° ♁ 41'43	
	-4635 Aug 17 j 14:12	0° ♁		evening set	-4632 Mar 21 j 16:34	2° ♁ 17'48	
	-4635 Sep 10 j 09:54	0° ♁			-4632 Mar 25 j 10:36	30° ♁	
morning set	-4635 Sep 21 j 11:50	14° ♁ 00'10		inferior conj	-4632 Mar 26 j 09:15	29° ♁ 24'18	6°14'36
	-4635 Oct 04 j 03:40	0° ♁		minimum elong	-4632 Mar 26 j 18:04	29° ♁ 10'22	6°12'53
	-4635 Oct 27 j 22:45	0° ♁		min. Earth dist.	-4632 Mar 26 j 23:58	29° ♁ 01'04	0.29364 AU
				morning rise	-4632 Mar 31 j 19:23	26° ♁ 04'33	
superior conj	-4635 Nov 02 j 00:26	6° ♁ 22'23	0°18'03	direct	-4632 Apr 17 j 04:30	20° ♁ 56'26	
minimum elong	-4635 Nov 02 j 05:18	6° ♁ 37'42	0°17'48	desc. node	-4632 Apr 26 j 14:23	22° ♁ 32'22	
max. Earth dist.	-4635 Nov 07 j 02:20	12° ♁ 44'59	1.71206 AU	greatest brilliancy	-4632 May 01 j 00:14	24° ♁ 15'18	-4.5m
desc. node	-4635 Nov 09 j 19:40	16° ♁ 09'52			-4632 May 11 j 04:04	0° ♁	
	-4635 Nov 20 j 20:48	0° ♁		morning max el	-4632 Jun 05 j 07:10	21° ♁ 00'45	45°59'09
evening rise	-4635 Dec 14 j 08:55	29° ♁ 18'32			-4632 Jun 14 j 08:40	0° ♁	
	-4635 Dec 14 j 22:15	0° ♁			-4632 Jul 12 j 01:36	0° ♁	
	-4634 Jan 08 j 03:22	0° ♁			-4632 Aug 06 j 18:38	0° ♁	
	-4634 Feb 01 j 13:10	0° ♁		asc. node	-4632 Aug 17 j 10:09	12° ♁ 49'37	
	-4634 Feb 26 j 05:49	0° ♁			-4632 Aug 31 j 11:04	0° ♁	
asc. node	-4634 Mar 02 j 12:32	5° ♁ 09'09			-4632 Sep 24 j 14:12	0° ♁	
	-4634 Mar 23 j 08:33	0° ♁			-4632 Oct 18 j 11:51	0° ♁	
	-4634 Apr 18 j 02:16	0° ♁			-4632 Nov 11 j 09:15	0° ♁	
	-4634 May 14 j 21:18	0° ♁			-4632 Dec 05 j 09:11	0° ♁	
evening max el	-4634 Jun 10 j 10:10	27° ♁ 25'41	46°05'04	desc. node	-4632 Dec 07 j 08:00	2° ♁ 25'54	
	-4634 Jun 13 j 02:48	0° ♁		morning set	-4632 Dec 07 j 20:28	3° ♁ 04'43	
	-4634 Jun 22 j 10:55	8° ♁ 28'07			-4632 Dec 29 j 12:15	0° ♁	
greatest brilliancy	-4634 Jul 19 j 15:50	26° ♁ 16'20	-4.6m				
retrograde	-4634 Jul 29 j 23:35	28° ♁ 12'53		superior conj	-4631 Jan 17 j 21:29	24° ♁ 00'01	-1°-16'-12
evening set	-4634 Aug 16 j 23:28	22° ♁ 14'16		minimum elong	-4631 Jan 17 j 13:48	23° ♁ 36'14	1°16'18
inferior conj	-4634 Aug 19 j 19:19	20° ♁ 32'51	-8°-58'-20	max. Earth dist.	-4631 Jan 20 j 20:06	27° ♁ 38'09	1.72853 AU
minimum elong	-4634 Aug 19 j 20:01	20° ♁ 31'48	8°58'07		-4631 Jan 22 j 18:02	0° ♁	
min. Earth dist.	-4634 Aug 20 j 03:34	20° ♁ 20'22	0.26976 AU		-4631 Feb 16 j 02:11	0° ♁	
morning rise	-4634 Aug 22 j 16:25	18° ♁ 49'15		evening rise	-4631 Feb 25 j 04:17	11° ♁ 10'12	
direct	-4634 Sep 09 j 10:00	12° ♁ 50'40			-4631 Mar 12 j 12:48	0° ♁	
greatest brilliancy	-4634 Sep 22 j 16:11	16° ♁ 04'29	-4.7m	asc. node	-4631 Mar 30 j 00:59	21° ♁ 23'50	
	-4634 Oct 12 j 22:37	0° ♁			-4631 Apr 06 j 02:26	0° ♁	
asc. node	-4634 Oct 13 j 06:49	0° ♁ 17'42			-4631 Apr 30 j 19:47	0° ♁	
morning max el	-4634 Oct 30 j 05:01	16° ♁ 25'25	46°50'47		-4631 May 25 j 18:04	0° ♁	
	-4634 Nov 11 j 23:55	0° ♁			-4631 Jun 20 j 00:04	0° ♁	
	-4634 Dec 08 j 11:04	0° ♁			-4631 Jul 15 j 20:06	0° ♁	
	-4633 Jan 02 j 22:46	0° ♁		desc. node	-4631 Jul 19 j 22:27	4° ♁ 39'38	
	-4633 Jan 28 j 02:27	0° ♁			-4631 Aug 11 j 22:40	0° ♁	
desc. node	-4633 Feb 02 j 06:18	6° ♁ 10'54		evening max el	-4631 Aug 23 j 05:58	11° ♁ 41'28	47°28'59
	-4633 Feb 22 j 02:20	0° ♁			-4631 Sep 12 j 03:28	0° ♁	
	-4633 Mar 18 j 22:56	0° ♁		greatest brilliancy	-4631 Oct 01 j 08:58	12° ♁ 19'19	-4.7m
	-4633 Apr 12 j 15:51	0° ♁		retrograde	-4631 Oct 13 j 01:42	14° ♁ 53'59	
morning set	-4633 May 01 j 13:03	23° ♁ 04'19		evening set	-4631 Oct 27 j 18:52	10° ♁ 31'28	
	-4633 May 07 j 04:35	0° ♁		min. Earth dist.	-4631 Nov 02 j 04:17	7° ♁ 19'24	0.26525 AU
asc. node	-4633 May 25 j 23:47	23° ♁ 08'45		inferior conj	-4631 Nov 02 j 15:29	7° ♁ 02'09	-1°-48'-21
	-4633 May 31 j 12:52	0° ♁		minimum elong	-4631 Nov 02 j 19:28	6° ♁ 56'01	1°47'07
max. Earth dist.	-4633 Jun 02 j 04:17	2° ♁ 01'56	1.72926 AU	morning rise	-4631 Nov 08 j 20:38	3° ♁ 23'20	
				asc. node	-4631 Nov 09 j 17:51	2° ♁ 55'45	
superior conj	-4633 Jun 06 j 09:02	7° ♁ 13'51	0°26'19		-4631 Nov 17 j 13:26	30° ♁	
minimum elong	-4633 Jun 06 j 04:01	6° ♁ 58'20	0°26'13	direct	-4631 Nov 22 j 21:33	29° ♁ 24'15	
	-4633 Jun 24 j 16:59	0° ♁			-4631 Nov 28 j 08:57	0° ♁	
evening rise	-4633 Jul 12 j 10:49	22° ♁ 07'46		greatest brilliancy	-4631 Dec 04 j 04:07	1° ♁ 48'34	-4.6m
	-4633 Jul 18 j 18:02	0° ♁			-4630 Jan 10 j 06:57	0° ♁	
	-4633 Aug 11 j 17:57	0° ♁		morning max el	-4630 Jan 11 j 17:46	1° ♁ 25'17	46°21'53
	-4633 Sep 04 j 18:56	0° ♁			-4630 Feb 07 j 23:42	0° ♁	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4630 Mar 01 j 18:03	24° ♁ 20'40		-4628 Sep 15 j 03:34	0° ♁	
	-4630 Mar 06 j 16:58	0° ♁		-4628 Oct 11 j 01:12	0° ♁	
	-4630 Apr 01 j 13:46	0° ♁	evening max el	-4628 Nov 02 j 19:17	24° ♁ 37'02	47°12'46
	-4630 Apr 26 j 21:35	0° ♁		-4628 Nov 08 j 03:51	0° ♁	
	-4630 May 21 j 19:08	0° ♁	asc. node	-4628 Dec 07 j 05:18	23° ♁ 29'32	
	-4630 Jun 15 j 07:36	0° ♁	greatest brilliancy	-4628 Dec 09 j 09:37	24° ♁ 38'15	-4.6m
asc. node	-4630 Jun 22 j 12:10	8° ♁ 52'35	retrograde	-4628 Dec 23 j 17:42	28° ♁ 26'24	
morning set	-4630 Jul 08 j 02:58	28° ♁ 16'20	evening set	-4627 Jan 09 j 07:52	22° ♁ 57'36	
	-4630 Jul 09 j 12:14	0° ♁	min. Earth dist.	-4627 Jan 12 j 23:58	20° ♁ 39'44	0.28449 AU
	-4630 Aug 02 j 11:00	0° ♁	inferior conj	-4627 Jan 13 j 21:34	20° ♁ 05'03	7°23'41
max. Earth dist.	-4630 Aug 12 j 11:47	12° ♁ 37'31	1.71204 AU	minimum elong	-4627 Jan 13 j 14:00	20° ♁ 17'14
				morning rise	-4627 Jan 17 j 20:35	17° ♁ 35'37
superior conj	-4630 Aug 14 j 20:29	15° ♁ 36'05	1°23'40	direct	-4627 Feb 03 j 23:46	11° ♁ 54'43
minimum elong	-4630 Aug 14 j 19:11	15° ♁ 31'58	1°23'54	greatest brilliancy	-4627 Feb 14 j 21:31	14° ♁ 04'06
	-4630 Aug 26 j 06:36	0° ♁			-4627 Mar 11 j 15:37	0° ♁
	-4630 Sep 19 j 01:50	0° ♁		morning max el	-4627 Mar 24 j 17:16	11° ♁ 44'22
evening rise	-4630 Sep 24 j 01:11	6° ♁ 15'34		desc. node	-4627 Mar 29 j 05:23	16° ♁ 05'38
desc. node	-4630 Oct 12 j 09:14	29° ♁ 17'12			-4627 Apr 11 j 21:54	0° ♁
	-4630 Oct 12 j 22:53	0° ♁			-4627 May 09 j 09:04	0° ♁
	-4630 Nov 05 j 23:05	0° ♁			-4627 Jun 04 j 08:58	0° ♁
	-4630 Nov 30 j 03:33	0° ♁			-4627 Jun 29 j 11:54	0° ♁
	-4630 Dec 24 j 14:30	0° ♁		asc. node	-4627 Jul 20 j 00:24	25° ♁ 04'50
	-4629 Jan 18 j 12:36	0° ♁			-4627 Jul 23 j 23:59	0° ♁
asc. node	-4629 Feb 02 j 02:29	17° ♁ 08'28			-4627 Aug 17 j 01:38	0° ♁
	-4629 Feb 13 j 06:55	0° ♁			-4627 Sep 09 j 21:14	0° ♁
	-4629 Mar 12 j 17:15	0° ♁		morning set	-4627 Sep 18 j 23:18	11° ♁ 28'49
evening max el	-4629 Mar 27 j 21:15	15° ♁ 08'11	45°06'04		-4627 Oct 03 j 15:00	0° ♁
	-4629 Apr 13 j 23:14	0° ♁			-4627 Oct 27 j 10:05	0° ♁
greatest brilliancy	-4629 May 02 j 02:50	11° ♁ 14'23	-4.5m			
retrograde	-4629 May 15 j 00:58	14° ♁ 07'46		superior conj	-4627 Oct 30 j 09:16	3° ♁ 43'44
desc. node	-4629 May 25 j 01:39	12° ♁ 11'32		minimum elong	-4627 Oct 30 j 15:08	4° ♁ 02'11
evening set	-4629 May 29 j 20:43	9° ♁ 59'24		max. Earth dist.	-4627 Nov 04 j 05:06	9° ♁ 47'29
inferior conj	-4629 Jun 05 j 07:29	6° ♁ 13'52	-2°-36'-20	desc. node	-4627 Nov 08 j 21:42	15° ♁ 40'40
minimum elong	-4629 Jun 05 j 01:52	6° ♁ 22'29	2°34'39		-4627 Nov 20 j 08:09	0° ♁
min. Earth dist.	-4629 Jun 05 j 19:44	5° ♁ 55'07	0.28268 AU	evening rise	-4627 Dec 11 j 19:33	26° ♁ 47'02
morning rise	-4629 Jun 11 j 06:19	2° ♁ 42'42			-4627 Dec 14 j 09:37	0° ♁
	-4629 Jun 17 j 00:41	30° ♁			-4626 Jan 07 j 14:46	0° ♁
direct	-4629 Jun 26 j 21:06	28° ♁ 06'15			-4626 Feb 01 j 00:43	0° ♁
	-4629 Jul 07 j 02:14	0° ♁			-4626 Feb 25 j 17:45	0° ♁
greatest brilliancy	-4629 Jul 11 j 11:48	1° ♁ 50'55	-4.6m	asc. node	-4626 Mar 01 j 14:41	4° ♁ 39'33
morning max el	-4629 Aug 15 j 21:32	29° ♁ 53'18	46°34'18		-4626 Mar 22 j 21:14	0° ♁
	-4629 Aug 16 j 00:13	0° ♁			-4626 Apr 17 j 16:24	0° ♁
	-4629 Sep 12 j 19:00	0° ♁			-4626 May 14 j 14:28	0° ♁
asc. node	-4629 Sep 14 j 21:45	2° ♁ 25'24		evening max el	-4626 Jun 07 j 22:58	25° ♁ 02'48
	-4629 Oct 08 j 06:57	0° ♁			-4626 Jun 13 j 04:50	0° ♁
	-4629 Nov 01 j 21:55	0° ♁		desc. node	-4626 Jun 21 j 13:09	7° ♁ 24'16
	-4629 Nov 26 j 05:54	0° ♁		greatest brilliancy	-4626 Jul 17 j 02:07	23° ♁ 48'10
	-4629 Dec 20 j 13:28	0° ♁		retrograde	-4626 Jul 27 j 11:58	25° ♁ 46'37
desc. node	-4628 Jan 04 j 20:26	18° ♁ 49'06		evening set	-4626 Aug 14 j 10:41	19° ♁ 49'11
	-4628 Jan 13 j 22:47	0° ♁		inferior conj	-4626 Aug 17 j 07:46	18° ♁ 06'11
	-4628 Feb 07 j 09:38	0° ♁		minimum elong	-4626 Aug 17 j 07:30	18° ♁ 06'36
morning set	-4628 Feb 20 j 17:24	16° ♁ 20'01		min. Earth dist.	-4626 Aug 17 j 15:54	17° ♁ 53'56
	-4628 Mar 02 j 21:00	0° ♁		morning rise	-4626 Aug 20 j 04:11	16° ♁ 23'49
	-4628 Mar 27 j 08:07	0° ♁		direct	-4626 Sep 06 j 23:12	10° ♁ 23'06
max. Earth dist.	-4628 Mar 27 j 14:28	0° ♁ 19'28	1.73741 AU	greatest brilliancy	-4626 Sep 20 j 07:39	13° ♁ 39'51
				asc. node	-4626 Oct 12 j 08:49	29° ♁ 10'09
superior conj	-4628 Mar 28 j 12:47	1° ♁ 27'56	-1°00'-32		-4626 Oct 13 j 07:14	0° ♁
minimum elong	-4628 Mar 28 j 21:17	1° ♁ 54'00	1°00'24	morning max el	-4626 Oct 27 j 19:03	13° ♁ 59'32
	-4628 Apr 20 j 18:31	0° ♁			-4626 Nov 11 j 18:54	0° ♁
asc. node	-4628 Apr 26 j 13:24	7° ♁ 06'38			-4626 Dec 08 j 02:22	0° ♁
evening rise	-4628 May 03 j 10:13	15° ♁ 33'10			-4625 Jan 02 j 12:22	0° ♁
	-4628 May 15 j 04:04	0° ♁			-4625 Jan 27 j 15:03	0° ♁
	-4628 Jun 08 j 12:59	0° ♁		desc. node	-4625 Feb 01 j 08:27	5° ♁ 39'59
	-4628 Jul 02 j 22:11	0° ♁			-4625 Feb 21 j 14:17	0° ♁
	-4628 Jul 27 j 09:30	0° ♁			-4625 Mar 18 j 10:26	0° ♁
desc. node	-4628 Aug 16 j 10:35	24° ♁ 23'51			-4625 Apr 12 j 03:04	0° ♁
	-4628 Aug 21 j 01:45	0° ♁		morning set	-4625 Apr 29 j 08:03	21° ♁ 01'32

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4625 May 06 j 15:39	0°♄		min. Earth dist.	-4623 Oct 30 j 17:59	4°♁48'29	0.26493 AU
asc. node	-4625 May 25 j 01:55	22°♄41'19		inferior conj	-4623 Oct 31 j 04:04	4°♁32'57	-2°-11'-57
	-4625 May 30 j 23:55	0°♄		minimum elong	-4623 Oct 31 j 08:52	4°♁25'32	2°10'28
max. Earth dist.	-4625 May 31 j 02:02	0°♄06'32	1.72979 AU	morning rise	-4623 Nov 06 j 08:57	0°♁54'40	
					-4623 Nov 08 j 04:10	30°♄	
superior conj	-4625 Jun 04 j 03:26	5°♄07'59	0°23'21	asc. node	-4623 Nov 08 j 20:05	29°♄41'19	
minimum elong	-4625 Jun 03 j 22:57	4°♄54'06	0°23'16	direct	-4623 Nov 20 j 10:22	26°♄56'00	
	-4625 Jun 24 j 04:06	0°♄		greatest brilliancy	-4623 Dec 01 j 16:55	29°♄20'30	-4.6m
evening rise	-4625 Jul 10 j 03:47	19°♄55'50			-4623 Dec 03 j 05:50	0°♁	
	-4625 Jul 18 j 05:20	0°♄		morning max el	-4622 Jan 09 j 07:25	29°♁03'02	46°23'16
	-4625 Aug 11 j 05:30	0°♄			-4622 Jan 10 j 06:26	0°♄	
	-4625 Sep 04 j 06:46	0°♄			-4622 Feb 07 j 16:10	0°♄	
desc. node	-4625 Sep 13 j 22:49	12°♄01'16		desc. node	-4622 Feb 28 j 20:10	23°♄46'08	
	-4625 Sep 28 j 11:07	0°♁			-4622 Mar 06 j 06:49	0°♄	
	-4625 Oct 22 j 20:41	0°♄			-4622 Apr 01 j 02:18	0°♄	
	-4625 Nov 16 j 15:38	0°♄			-4622 Apr 26 j 09:23	0°♄	
	-4625 Dec 12 j 05:56	0°♄			-4622 May 21 j 06:30	0°♄	
asc. node	-4624 Jan 04 j 16:50	25°♄46'24			-4622 Jun 14 j 18:45	0°♄	
	-4624 Jan 08 j 19:03	0°♄		asc. node	-4622 Jun 21 j 14:23	8°♄25'06	
evening max el	-4624 Jan 13 j 14:05	4°♄48'26	45°45'13	morning set	-4622 Jul 05 j 19:25	26°♄03'34	
	-4624 Feb 13 j 13:10	0°♄			-4622 Jul 08 j 23:18	0°♄	
greatest brilliancy	-4624 Feb 16 j 15:25	1°♄37'54	-4.5m		-4622 Aug 01 j 22:05	0°♄	
retrograde	-4624 Mar 02 j 15:29	5°♄34'38		max. Earth dist.	-4622 Aug 09 j 17:46	9°♄50'20	1.71254 AU
evening set	-4624 Mar 19 j 12:00	0°♄06'45					
	-4624 Mar 19 j 16:34	30°♄		superior conj	-4622 Aug 12 j 10:30	13°♄14'06	1°23'21
inferior conj	-4624 Mar 24 j 02:18	27°♄16'24	6°26'21	minimum elong	-4622 Aug 12 j 08:22	13°♄07'21	1°23'35
minimum elong	-4624 Mar 24 j 11:00	27°♄02'40	6°24'44		-4622 Aug 25 j 17:47	0°♄	
min. Earth dist.	-4624 Mar 24 j 15:51	26°♄55'00	0.29379 AU		-4622 Sep 18 j 13:08	0°♄	
morning rise	-4624 Mar 29 j 09:54	24°♄00'21		evening rise	-4622 Sep 21 j 10:36	3°♄38'31	
direct	-4624 Apr 14 j 21:52	18°♄48'29		desc. node	-4622 Oct 11 j 11:16	28°♄47'46	
desc. node	-4624 Apr 25 j 16:25	20°♄53'12			-4622 Oct 12 j 10:19	0°♁	
greatest brilliancy	-4624 Apr 28 j 14:47	22°♄04'54	-4.5m		-4622 Nov 05 j 10:40	0°♄	
	-4624 May 11 j 22:36	0°♄			-4622 Nov 29 j 15:20	0°♄	
morning max el	-4624 Jun 03 j 00:29	18°♄53'18	45°58'10		-4622 Dec 24 j 02:36	0°♄	
	-4624 Jun 14 j 03:55	0°♄			-4621 Jan 18 j 01:23	0°♄	
	-4624 Jul 11 j 16:33	0°♄		asc. node	-4621 Feb 01 j 04:36	16°♄35'29	
	-4624 Aug 06 j 07:52	0°♄			-4621 Feb 12 j 21:13	0°♄	
asc. node	-4624 Aug 16 j 12:17	12°♄17'06			-4621 Mar 12 j 11:31	0°♄	
	-4624 Aug 30 j 23:28	0°♄		evening max el	-4621 Mar 25 j 11:56	12°♄55'01	45°05'38
	-4624 Sep 24 j 02:12	0°♄			-4621 Apr 14 j 12:10	0°♄	
	-4624 Oct 17 j 23:34	0°♄		greatest brilliancy	-4621 Apr 29 j 16:10	9°♄00'38	-4.5m
	-4624 Nov 10 j 20:47	0°♁		retrograde	-4621 May 12 j 15:19	11°♄55'47	
	-4624 Dec 04 j 20:31	0°♄		desc. node	-4621 May 24 j 03:55	9°♄23'08	
morning set	-4624 Dec 05 j 07:03	0°♄32'48		evening set	-4621 May 27 j 11:21	7°♄47'34	
desc. node	-4624 Dec 06 j 10:13	1°♄57'30		inferior conj	-4621 Jun 02 j 22:45	4°♄01'18	-2°-16'-24
	-4624 Dec 28 j 23:26	0°♄		minimum elong	-4621 Jun 02 j 17:48	4°♄08'53	2°14'54
				min. Earth dist.	-4621 Jun 03 j 11:57	3°♄41'04	0.28315 AU
superior conj	-4623 Jan 15 j 11:13	21°♄39'43	-1°-14'-44	morning rise	-4621 Jun 08 j 23:24	0°♄27'08	
minimum elong	-4623 Jan 15 j 02:55	21°♄14'03	1°14'48		-4621 Jun 09 j 19:34	30°♄	
max. Earth dist.	-4623 Jan 18 j 14:23	25°♄32'03	1.72803 AU	direct	-4621 Jun 24 j 12:19	25°♄52'36	
	-4623 Jan 22 j 05:07	0°♄		greatest brilliancy	-4621 Jul 09 j 04:09	29°♄37'33	-4.6m
	-4623 Feb 15 j 13:15	0°♄			-4621 Jul 09 j 22:29	0°♄	
evening rise	-4623 Feb 22 j 21:05	9°♄00'26		morning max el	-4621 Aug 13 j 11:17	27°♄32'05	46°33'05
	-4623 Mar 11 j 23:57	0°♄			-4621 Aug 15 j 22:06	0°♄	
asc. node	-4623 Mar 29 j 02:59	20°♄55'35			-4621 Sep 12 j 11:00	0°♄	
	-4623 Apr 05 j 13:47	0°♄		asc. node	-4621 Sep 13 j 23:49	1°♄45'55	
	-4623 Apr 30 j 07:33	0°♄			-4621 Oct 07 j 20:48	0°♄	
	-4623 May 25 j 06:34	0°♄			-4621 Nov 01 j 10:44	0°♄	
	-4623 Jun 19 j 13:46	0°♄			-4621 Nov 25 j 18:05	0°♁	
desc. node	-4623 Jul 15 j 11:55	0°♄			-4621 Dec 20 j 01:13	0°♄	
	-4623 Jul 19 j 00:38	3°♄59'53		desc. node	-4620 Jan 03 j 22:32	18°♄20'04	
	-4623 Aug 11 j 19:08	0°♄			-4620 Jan 13 j 10:12	0°♄	
evening max el	-4623 Aug 20 j 20:58	9°♄19'25	47°27'11		-4620 Feb 06 j 20:46	0°♄	
	-4623 Sep 12 j 19:37	0°♁		morning set	-4620 Feb 18 j 09:30	14°♄08'35	
greatest brilliancy	-4623 Sep 29 j 00:23	9°♄52'13	-4.7m		-4620 Mar 02 j 07:55	0°♄	
retrograde	-4623 Oct 10 j 14:49	12°♄23'39		max. Earth dist.	-4620 Mar 25 j 10:50	28°♄21'39	1.73735 AU
evening set	-4623 Oct 25 j 09:23	7°♄59'41					

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4620 Mar 26 j 07:27	29° 24 '54	-1°-2'-36	asc. node	-4618 Oct 11 j 11:03	28° 50 '26	
minimum elong	-4620 Mar 26 j 15:56	29° 24 '55	1°02'29		-4618 Oct 13 j 13:13	0° 0	
	-4620 Mar 26 j 18:54	0° 0		morning max el	-4618 Oct 25 j 09:32	11° 0 35'29	46°51'24
	-4620 Apr 20 j 05:19	0° 0			-4618 Nov 11 j 13:14	0° 0	
asc. node	-4620 Apr 25 j 15:34	6° 0 40'04			-4618 Dec 07 j 17:17	0° 0	
evening rise	-4620 May 01 j 05:52	13° 0 32'40			-4617 Jan 02 j 01:37	0° 0	
	-4620 May 14 j 15:01	0° 0			-4617 Jan 27 j 03:19	0° 0	
	-4620 Jun 08 j 00:13	0° 0		desc. node	-4617 Jan 31 j 10:30	5° 0 2'09'40	
	-4620 Jul 02 j 09:51	0° 0			-4617 Feb 21 j 01:54	0° 0	
	-4620 Jul 26 j 21:44	0° 0			-4617 Mar 17 j 21:37	0° 0	
desc. node	-4620 Aug 15 j 12:35	23° 0 50'57			-4617 Apr 11 j 13:59	0° 0	
	-4620 Aug 20 j 14:49	0° 0		morning set	-4617 Apr 27 j 03:10	19° 0 00'03	
	-4620 Sep 14 j 17:57	0° 0			-4617 May 06 j 02:25	0° 0	
	-4620 Oct 10 j 18:11	0° 0		asc. node	-4617 May 24 j 04:08	22° 0 15'07	
evening max el	-4620 Oct 31 j 09:37	22° 0 14'57	47°15'09	max. Earth dist.	-4617 May 28 j 22:51	28° 0 09'25	1.73025 AU
	-4620 Nov 08 j 04:24	0° 0			-4617 May 30 j 10:38	0° 0	
asc. node	-4620 Dec 06 j 07:32	21° 0 23'18		superior conj	-4617 Jun 01 j 22:07	3° 0 04'01	0°20'22
greatest brilliancy	-4620 Dec 07 j 03:07	22° 0 23'18	-4.6m	minimum elong	-4617 Jun 01 j 18:11	2° 0 51'50	0°20'18
retrograde	-4620 Dec 21 j 09:41	26° 0 21'03'5			-4617 Jun 23 j 14:53	0° 0	
evening set	-4619 Jan 06 j 20:58	20° 0 24'6'12			-4617 Jul 07 j 21:08	17° 0 14'6'14	
min. Earth dist.	-4619 Jan 10 j 15:21	18° 0 25'18	0.28376 AU	evening rise	-4617 Jul 17 j 16:17	0° 0	
inferior conj	-4619 Jan 11 j 13:27	17° 0 24'9'53	7°14'32		-4617 Aug 10 j 16:42	0° 0	
minimum elong	-4619 Jan 11 j 05:28	18° 0 20'2'42	7°13'08		-4617 Sep 03 j 18:18	0° 0	
morning rise	-4619 Jan 15 j 14:25	15° 0 21'7'38			-4617 Sep 13 j 00:53	11° 0 31'29	
direct	-4619 Feb 01 j 14:06	9° 0 24'0'30		desc. node	-4617 Sep 27 j 23:02	0° 0	
greatest brilliancy	-4619 Feb 12 j 12:25	11° 0 25'0'14	-4.5m		-4617 Oct 22 j 09:08	0° 0	
	-4619 Mar 11 j 21:05	0° 0			-4617 Nov 16 j 04:57	0° 0	
morning max el	-4619 Mar 22 j 08:19	9° 0 31'51	45°52'37		-4617 Dec 11 j 21:04	0° 0	
desc. node	-4619 Mar 28 j 07:24	15° 0 31'9'21		asc. node	-4616 Jan 03 j 18:56	25° 0 02'30	
	-4619 Apr 11 j 15:12	0° 0			-4616 Jan 08 j 15:16	0° 0	
	-4619 May 08 j 23:00	0° 0		evening max el	-4616 Jan 11 j 06:31	2° 0 37'42	45°47'59
	-4619 Jun 03 j 21:26	0° 0		greatest brilliancy	-4616 Feb 14 j 08:45	29° 0 31'29	-4.5m
asc. node	-4619 Jun 28 j 23:38	0° 0			-4616 Feb 15 j 08:40	0° 0	
	-4619 Jul 19 j 02:29	24° 0 36'02		retrograde	-4616 Feb 29 j 08:40	3° 0 27'50	
	-4619 Jul 23 j 11:22	0° 0			-4616 Mar 13 j 13:48	30° 0	
	-4619 Aug 16 j 12:51	0° 0		evening set	-4616 Mar 17 j 07:21	27° 0 56'16	
morning set	-4619 Sep 09 j 08:23	0° 0		inferior conj	-4616 Mar 21 j 19:16	25° 0 08'59	6°37'42
	-4619 Sep 16 j 10:41	8° 0 57'56		minimum elong	-4616 Mar 22 j 03:46	24° 0 55'31	6°36'11
	-4619 Oct 03 j 02:07	0° 0		min. Earth dist.	-4616 Mar 22 j 07:38	24° 0 49'23	0.29389 AU
	-4619 Oct 26 j 21:13	0° 0		morning rise	-4616 Mar 27 j 00:09	21° 0 56'37	
superior conj	-4619 Oct 27 j 17:50	1° 0 04'51	0°25'48	direct	-4616 Apr 12 j 15:16	16° 0 41'09	
minimum elong	-4619 Oct 28 j 00:39	1° 0 26'18	0°25'30	desc. node	-4616 Apr 24 j 18:43	19° 0 18'06	
max. Earth dist.	-4619 Nov 01 j 08:48	6° 0 53'34	1.71126 AU	greatest brilliancy	-4616 Apr 26 j 04:21	19° 0 53'53	-4.5m
desc. node	-4619 Nov 07 j 23:53	15° 0 12'44			-4616 May 12 j 12:08	0° 0	
	-4619 Nov 19 j 19:16	0° 0		morning max el	-4616 May 31 j 17:01	16° 0 44'52	45°57'19
evening rise	-4619 Dec 09 j 05:56	24° 0 15'30			-4616 Jun 13 j 22:20	0° 0	
	-4619 Dec 13 j 20:44	0° 0			-4616 Jul 11 j 06:57	0° 0	
	-4618 Jan 07 j 01:56	0° 0			-4616 Aug 05 j 20:39	0° 0	
	-4618 Jan 31 j 12:03	0° 0		asc. node	-4616 Aug 15 j 14:21	11° 0 45'41	
asc. node	-4618 Feb 25 j 05:27	0° 0			-4616 Aug 30 j 11:28	0° 0	
	-4618 Feb 28 j 16:44	4° 0 10'19			-4616 Sep 23 j 13:48	0° 0	
	-4618 Mar 22 j 09:41	0° 0			-4616 Oct 17 j 10:58	0° 0	
	-4618 Apr 17 j 06:19	0° 0			-4616 Nov 10 j 08:02	0° 0	
	-4618 May 14 j 07:33	0° 0		morning set	-4616 Dec 02 j 17:08	27° 0 59'55	
evening max el	-4618 Jun 05 j 12:39	22° 0 43'33	45°59'02		-4616 Dec 04 j 07:38	0° 0	
	-4618 Jun 13 j 07:48	0° 0		desc. node	-4616 Dec 05 j 12:19	1° 0 29'25	
desc. node	-4618 Jun 20 j 15:14	6° 0 19'42			-4616 Dec 28 j 10:25	0° 0	
greatest brilliancy	-4618 Jul 14 j 11:19	21° 0 20'24	-4.6m	superior conj	-4615 Jan 13 j 00:12	19° 0 21'37	-1°-13'-5
retrograde	-4618 Jul 25 j 00:36	23° 0 21'38		minimum elong	-4615 Jan 12 j 15:19	18° 0 25'0'10	1°13'07
evening set	-4618 Aug 11 j 21:23	17° 0 26'07		max. Earth dist.	-4615 Jan 16 j 08:54	23° 0 27'11	1.72749 AU
inferior conj	-4618 Aug 14 j 20:14	15° 0 24'0'37	-8°-56'-35		-4615 Jan 21 j 16:01	0° 0	
minimum elong	-4618 Aug 14 j 19:00	15° 0 24'2'29	8°56'22		-4615 Feb 15 j 00:06	0° 0	
min. Earth dist.	-4618 Aug 15 j 03:48	15° 0 29'14	0.27063 AU	evening rise	-4615 Feb 20 j 13:15	6° 0 49'19	
morning rise	-4618 Aug 17 j 16:30	13° 0 25'8'39			-4615 Mar 11 j 10:52	0° 0	
direct	-4618 Sep 04 j 13:01	7° 0 25'6'49		asc. node	-4615 Mar 28 j 05:10	20° 0 28'34	
greatest brilliancy	-4618 Sep 17 j 22:33	11° 0 25'26	-4.7m				

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4615 Apr 05 j 00:56	0°♄		asc. node	-4613 Sep 13 j 01:59	1°♌07'17	
	-4615 Apr 29 j 19:09	0°♄			-4613 Oct 07 j 10:27	0°♌	
	-4615 May 24 j 18:55	0°♌			-4613 Oct 31 j 23:20	0°♍	
	-4615 Jun 19 j 03:19	0°♌			-4613 Nov 25 j 06:04	0°♍	
	-4615 Jul 15 j 03:38	0°♌			-4613 Dec 19 j 12:47	0°♎	
desc. node	-4615 Jul 18 j 02:43	3°♌20'25		desc. node	-4612 Jan 03 j 00:33	17°♎51'18	
	-4615 Aug 11 j 15:47	0°♍			-4612 Jan 12 j 21:28	0°♎	
evening max el	-4615 Aug 18 j 11:05	6°♍56'21	47°25'20		-4612 Feb 06 j 07:48	0°♏	
	-4615 Sep 13 j 16:21	0°♍		morning set	-4612 Feb 16 j 01:20	11°♏56'21	
greatest brilliancy	-4615 Sep 26 j 16:13	7°♍26'55	-4.7m		-4612 Mar 01 j 18:47	0°♏	
retrograde	-4615 Oct 08 j 03:20	9°♍54'29		max. Earth dist.	-4612 Mar 23 j 06:40	26°♏22'11	1.73732 AU
evening set	-4615 Oct 23 j 00:05	5°♍28'50					
inferior conj	-4615 Oct 28 j 16:42	2°♍05'00	-2°-35'-18	superior conj	-4612 Mar 24 j 01:48	27°♏20'50	-1°-4'-35
minimum elong	-4615 Oct 28 j 22:19	1°♍56'21	2°33'35	minimum elong	-4612 Mar 24 j 10:12	27°♏46'39	1°04'29
min. Earth dist.	-4615 Oct 28 j 08:00	2°♍18'26	0.26468 AU		-4612 Mar 26 j 05:41	0°♐	
	-4615 Nov 01 j 03:04	30°♎♍			-4612 Apr 19 j 16:08	0°♍	
morning rise	-4615 Nov 03 j 21:03	28°♎27'18		asc. node	-4612 Apr 24 j 17:44	6°♍13'25	
asc. node	-4615 Nov 07 j 22:17	26°♎32'44		evening rise	-4612 Apr 29 j 01:12	11°♍31'12	
direct	-4615 Nov 17 j 22:51	24°♎28'46			-4612 May 14 j 02:00	0°♄	
greatest brilliancy	-4615 Nov 29 j 06:46	26°♎54'19	-4.6m		-4612 Jun 07 j 11:31	0°♌	
	-4615 Dec 05 j 13:11	0°♍			-4612 Jul 01 j 21:34	0°♌	
morning max el	-4614 Jan 06 j 20:10	26°♍38'44	46°24'27		-4612 Jul 26 j 10:04	0°♌	
	-4614 Jan 10 j 04:46	0°♎		desc. node	-4612 Aug 14 j 14:42	23°♌18'02	
	-4614 Feb 07 j 08:14	0°♎			-4612 Aug 20 j 04:01	0°♍	
desc. node	-4614 Feb 27 j 22:14	23°♎12'03			-4612 Sep 14 j 08:31	0°♍	
	-4614 Mar 05 j 20:26	0°♏			-4612 Oct 10 j 11:27	0°♎	
	-4614 Mar 31 j 14:38	0°♏		evening max el	-4612 Oct 29 j 00:40	19°♎54'55	47°17'43
	-4614 Apr 25 j 20:59	0°♐			-4612 Nov 08 j 06:03	0°♎	
	-4614 May 20 j 17:40	0°♍		greatest brilliancy	-4612 Dec 04 j 20:00	20°♎08'02	-4.6m
	-4614 Jun 14 j 05:42	0°♄		asc. node	-4612 Dec 05 j 09:34	20°♎24'36	
asc. node	-4614 Jun 20 j 16:22	7°♄57'24		retrograde	-4612 Dec 19 j 02:13	23°♎55'31	
morning set	-4614 Jul 03 j 11:50	23°♄51'18		evening set	-4611 Jan 04 j 10:13	18°♎35'17	
	-4614 Jul 08 j 10:12	0°♌		min. Earth dist.	-4611 Jan 08 j 06:33	16°♎11'54	0.28304 AU
	-4614 Aug 01 j 09:01	0°♌		inferior conj	-4611 Jan 09 j 05:28	15°♎35'16	7°04'40
max. Earth dist.	-4614 Aug 07 j 02:07	7°♌11'10	1.71302 AU	minimum elong	-4611 Jan 08 j 21:08	15°♎48'35	7°03'07
				morning rise	-4611 Jan 13 j 08:32	13°♎00'10	
superior conj	-4614 Aug 10 j 00:49	10°♌53'39	1°22'53	direct	-4611 Jan 30 j 04:57	7°♎26'49	
minimum elong	-4614 Aug 09 j 21:54	10°♌44'25	1°23'06	greatest brilliancy	-4611 Feb 10 j 03:06	9°♎36'44	-4.5m
	-4614 Aug 25 j 04:46	0°♌			-4611 Mar 12 j 00:36	0°♏	
	-4614 Sep 18 j 00:13	0°♍		morning max el	-4611 Mar 20 j 00:19	7°♏21'41	45°53'07
evening rise	-4614 Sep 18 j 20:33	1°♍03'58		desc. node	-4611 Mar 27 j 09:41	14°♏34'24	
desc. node	-4614 Oct 10 j 13:30	28°♍19'45			-4611 Apr 11 j 08:12	0°♏	
	-4614 Oct 11 j 21:30	0°♍			-4611 May 08 j 12:55	0°♐	
	-4614 Nov 04 j 22:00	0°♎			-4611 Jun 03 j 09:59	0°♍	
	-4614 Nov 29 j 02:54	0°♎			-4611 Jun 28 j 11:29	0°♄	
	-4614 Dec 23 j 14:34	0°♏		asc. node	-4611 Jul 18 j 04:35	24°♄07'01	
	-4613 Jan 17 j 14:07	0°♏			-4611 Jul 22 j 22:51	0°♌	
asc. node	-4613 Jan 31 j 06:40	16°♏02'22			-4611 Aug 16 j 00:09	0°♌	
	-4613 Feb 12 j 11:37	0°♐			-4611 Sep 08 j 19:37	0°♌	
	-4613 Mar 12 j 06:16	0°♍		morning set	-4611 Sep 13 j 22:08	6°♌26'56	
evening max el	-4613 Mar 23 j 02:02	10°♍40'34	45°05'26		-4611 Oct 02 j 13:22	0°♍	
	-4613 Apr 15 j 05:33	0°♄					
greatest brilliancy	-4613 Apr 27 j 04:24	6°♄45'36	-4.5m	superior conj	-4611 Oct 25 j 02:28	28°♍25'37	0°29'37
retrograde	-4613 May 10 j 05:53	9°♄43'55		minimum elong	-4611 Oct 25 j 10:10	28°♍49'53	0°29'17
desc. node	-4613 May 23 j 05:59	6°♄30'34			-4611 Oct 26 j 08:28	0°♍	
evening set	-4613 May 25 j 02:03	5°♄35'15		max. Earth dist.	-4611 Oct 29 j 14:35	4°♍05'36	1.71086 AU
inferior conj	-4613 May 31 j 13:52	1°♄48'34	-1°-56'-20	desc. node	-4611 Nov 07 j 01:57	14°♍44'01	
minimum elong	-4613 May 31 j 09:37	1°♄55'05	1°55'00		-4611 Nov 19 j 06:30	0°♎	
min. Earth dist.	-4613 Jun 01 j 03:54	1°♄27'04	0.28363 AU	evening rise	-4611 Dec 06 j 16:25	21°♎43'57	
	-4613 Jun 03 j 13:13	30°♎♍			-4611 Dec 13 j 07:56	0°♎	
morning rise	-4613 Jun 06 j 16:18	28°♍11'50			-4610 Jan 06 j 13:09	0°♏	
direct	-4613 Jun 22 j 03:28	23°♍38'39			-4610 Jan 30 j 23:25	0°♏	
greatest brilliancy	-4613 Jul 06 j 21:27	27°♍25'31	-4.6m		-4610 Feb 24 j 17:15	0°♐	
	-4613 Jul 11 j 16:04	0°♄		asc. node	-4610 Feb 27 j 18:57	3°♐41'21	
morning max el	-4613 Aug 11 j 01:41	25°♄12'44	46°31'59		-4610 Mar 21 j 22:18	0°♍	
	-4613 Aug 15 j 19:12	0°♌			-4610 Apr 16 j 20:32	0°♄	
	-4613 Sep 12 j 02:41	0°♌			-4610 May 14 j 01:14	0°♌	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4610 Jun 03 j 02:59	20° Π 25'19	45°55'58			-4608 Dec 03 j 19:02	0° \mathbb{M}	
	-4610 Jun 13 j 12:49	0° \mathfrak{S}		desc. node		-4608 Dec 04 j 14:19	1° \mathbb{M} 00'07	
desc. node	-4610 Jun 19 j 17:20	5° \mathfrak{S} 12'38				-4608 Dec 27 j 21:42	0° \mathfrak{J}	
greatest brilliancy	-4610 Jul 11 j 21:03	18° \mathfrak{S} 52'47	-4.6m					
retrograde	-4610 Jul 22 j 13:14	20° \mathfrak{S} 55'54		superior conj		-4607 Jan 10 j 13:06	16° \mathfrak{J} 54'19	-1°-11'-18
evening set	-4610 Aug 09 j 07:41	15° \mathfrak{S} 03'22		minimum elong		-4607 Jan 10 j 03:44	16° \mathfrak{J} 25'17	1°11'19
inferior conj	-4610 Aug 12 j 08:43	13° \mathfrak{S} 14'31	-8°-54'-16	max. Earth dist.		-4607 Jan 14 j 02:57	21° \mathfrak{J} 19'52	1.72691 AU
minimum elong	-4610 Aug 12 j 06:32	13° \mathfrak{S} 17'47	8°53'59			-4607 Jan 21 j 03:13	0° \mathfrak{S}	
min. Earth dist.	-4610 Aug 12 j 15:39	13° \mathfrak{S} 04'03	0.27106 AU			-4607 Feb 14 j 11:15	0° \approx	
morning rise	-4610 Aug 15 j 05:19	11° \mathfrak{S} 32'03		evening rise		-4607 Feb 18 j 05:28	4° \approx 37'22	
direct	-4610 Sep 02 j 02:56	5° \mathfrak{S} 30'15				-4607 Mar 10 j 22:04	0° \mathfrak{K}	
greatest brilliancy	-4610 Sep 15 j 12:24	8° \mathfrak{S} 49'08	-4.7m	asc. node		-4607 Mar 27 j 07:21	20° \mathfrak{K} 00'45	
asc. node	-4610 Oct 10 j 13:17	27° \mathfrak{S} 01'39				-4607 Apr 04 j 12:20	0° \mathbb{Y}	
	-4610 Oct 13 j 17:33	0° \mathbb{Q}				-4607 Apr 29 j 07:00	0° \mathfrak{B}	
morning max el	-4610 Oct 22 j 23:31	9° \mathbb{Q} 09'32	46°51'29			-4607 May 24 j 07:34	0° \mathbb{I}	
	-4610 Nov 11 j 07:23	0° \mathfrak{M}				-4607 Jun 18 j 17:17	0° \mathfrak{S}	
	-4610 Dec 07 j 08:14	0° \mathfrak{A}				-4607 Jul 14 j 19:59	0° \mathbb{Q}	
	-4609 Jan 01 j 14:59	0° \mathbb{M}		desc. node		-4607 Jul 17 j 04:51	2° \mathbb{Q} 39'33	
	-4609 Jan 26 j 15:42	0° \mathfrak{J}				-4607 Aug 11 j 13:42	0° \mathfrak{M}	
desc. node	-4609 Jan 30 j 12:38	4° \mathfrak{J} 39'15		evening max el		-4607 Aug 16 j 00:07	4° \mathfrak{M} 29'13	47°23'09
	-4609 Feb 20 j 13:38	0° \mathfrak{S}				-4607 Sep 14 j 21:42	0° \mathfrak{A}	
	-4609 Mar 17 j 08:56	0° \approx		greatest brilliancy		-4607 Sep 24 j 08:21	5° \mathfrak{A} 00'02	-4.7m
	-4609 Apr 11 j 01:02	0° \mathfrak{K}		retrograde		-4607 Oct 05 j 15:17	7° \mathfrak{A} 23'29	
morning set	-4609 Apr 24 j 22:31	16° \mathfrak{K} 58'50		evening set		-4607 Oct 20 j 14:46	2° \mathfrak{A} 55'44	
	-4609 May 05 j 13:21	0° \mathbb{Y}				-4607 Oct 25 j 13:11	30° \mathfrak{R} \mathfrak{M}	
asc. node	-4609 May 23 j 06:09	21° \mathbb{Y} 47'37		inferior conj		-4607 Oct 26 j 05:11	29° \mathfrak{M} 35'18	-2°-58'-31
max. Earth dist.	-4609 May 26 j 18:18	26° \mathbb{Y} 07'22	1.73076 AU	minimum elong		-4607 Oct 26 j 11:34	29° \mathfrak{M} 25'28	2°56'34
	-4609 May 29 j 21:35	0° \mathfrak{B}		min. Earth dist.		-4607 Oct 25 j 22:08	29° \mathfrak{M} 46'12	0.26446 AU
				morning rise		-4607 Nov 01 j 08:44	25° \mathfrak{M} 58'30	
superior conj	-4609 May 30 j 16:55	0° \mathfrak{B} 59'49	0°17'23	asc. node		-4607 Nov 07 j 00:20	23° \mathfrak{M} 27'34	
minimum elong	-4609 May 30 j 13:33	0° \mathfrak{B} 49'22	0°17'19	direct		-4607 Nov 15 j 10:41	21° \mathfrak{M} 59'30	
	-4609 Jun 23 j 01:56	0° \mathbb{I}		greatest brilliancy		-4607 Nov 26 j 21:18	24° \mathfrak{M} 27'19	-4.6m
evening rise	-4609 Jul 05 j 14:29	15° \mathbb{I} 35'50				-4607 Dec 07 j 02:00	0° \mathfrak{A}	
	-4609 Jul 17 j 03:31	0° \mathfrak{S}		morning max el		-4606 Jan 04 j 08:29	24° \mathfrak{A} 11'57	46°25'48
	-4609 Aug 10 j 04:12	0° \mathbb{Q}				-4606 Jan 10 j 02:42	0° \mathbb{M}	
	-4609 Sep 03 j 06:08	0° \mathfrak{M}				-4606 Feb 07 j 00:23	0° \mathfrak{J}	
desc. node	-4609 Sep 12 j 03:05	11° \mathfrak{M} 01'14		desc. node		-4606 Feb 27 j 00:27	22° \mathfrak{J} 37'42	
	-4609 Sep 27 j 11:16	0° \mathfrak{A}				-4606 Mar 05 j 10:13	0° \mathfrak{S}	
	-4609 Oct 21 j 21:55	0° \mathbb{M}				-4606 Mar 31 j 03:11	0° \approx	
	-4609 Nov 15 j 18:39	0° \mathfrak{J}				-4606 Apr 25 j 08:48	0° \mathfrak{K}	
	-4609 Dec 11 j 12:42	0° \mathfrak{S}				-4606 May 20 j 05:03	0° \mathbb{Y}	
asc. node	-4608 Jan 02 j 21:06	24° \mathfrak{S} 17'28				-4606 Jun 13 j 16:52	0° \mathfrak{B}	
	-4608 Jan 08 j 12:25	0° \approx		asc. node		-4606 Jun 19 j 18:34	7° \mathfrak{B} 29'46	
evening max el	-4608 Jan 08 j 22:37	0° \approx 25'19	45°50'52	morning set		-4606 Jul 01 j 04:51	21° \mathfrak{B} 40'18	
greatest brilliancy	-4608 Feb 12 j 03:06	27° \approx 26'03	-4.5m			-4606 Jul 07 j 21:18	0° \mathbb{I}	
	-4608 Feb 18 j 12:34	0° \mathfrak{K}				-4606 Jul 31 j 20:12	0° \mathfrak{S}	
retrograde	-4608 Feb 27 j 01:49	1° \mathfrak{K} 21'16		max. Earth dist.		-4606 Aug 04 j 14:09	4° \mathfrak{S} 42'47	1.71360 AU
	-4608 Mar 06 j 06:57	30° \mathfrak{R} \approx						
evening set	-4608 Mar 15 j 02:59	25° \approx 46'16		superior conj		-4606 Aug 07 j 15:30	8° \mathfrak{S} 33'32	1°22'17
inferior conj	-4608 Mar 19 j 12:34	23° \approx 01'59	6°48'25	minimum elong		-4606 Aug 07 j 11:48	8° \mathfrak{S} 21'55	1°22'29
minimum elong	-4608 Mar 19 j 20:50	22° \approx 48'51	6°46'59			-4606 Aug 24 j 16:04	0° \mathbb{Q}	
min. Earth dist.	-4608 Mar 19 j 23:55	22° \approx 43'58	0.29393 AU	evening rise		-4606 Sep 16 j 06:37	28° \mathbb{Q} 28'41	
morning rise	-4608 Mar 24 j 14:42	19° \approx 53'13				-4606 Sep 17 j 11:39	0° \mathfrak{M}	
direct	-4608 Apr 10 j 08:34	14° \approx 34'22		desc. node		-4606 Oct 09 j 15:31	27° \mathfrak{M} 49'49	
greatest brilliancy	-4608 Apr 23 j 17:45	17° \approx 42'44	-4.5m			-4606 Oct 11 j 09:05	0° \mathfrak{A}	
desc. node	-4608 Apr 23 j 20:46	17° \approx 46'04				-4606 Nov 04 j 09:45	0° \mathbb{M}	
	-4608 May 12 j 22:17	0° \mathfrak{K}				-4606 Nov 28 j 14:52	0° \mathfrak{J}	
morning max el	-4608 May 29 j 08:50	14° \mathfrak{K} 34'17	45°56'20			-4606 Dec 23 j 02:55	0° \mathfrak{S}	
	-4608 Jun 13 j 16:30	0° \mathbb{Y}				-4605 Jan 17 j 03:15	0° \approx	
	-4608 Jul 10 j 21:29	0° \mathfrak{B}		asc. node		-4605 Jan 30 j 08:54	15° \approx 28'38	
	-4608 Aug 05 j 09:42	0° \mathbb{I}				-4605 Feb 12 j 02:31	0° \mathfrak{K}	
asc. node	-4608 Aug 14 j 16:34	11° \mathbb{I} 13'43				-4605 Mar 12 j 01:49	0° \mathbb{Y}	
	-4608 Aug 29 j 23:48	0° \mathfrak{S}		evening max el		-4605 Mar 20 j 16:50	8° \mathbb{Y} 27'17	45°05'30
	-4608 Sep 23 j 01:44	0° \mathbb{Q}				-4605 Apr 16 j 05:13	0° \mathfrak{B}	
	-4608 Oct 16 j 22:41	0° \mathfrak{M}		greatest brilliancy		-4605 Apr 24 j 16:24	4° \mathfrak{B} 30'27	-4.5m
	-4608 Nov 09 j 19:34	0° \mathfrak{A}		retrograde		-4605 May 07 j 21:26	7° \mathfrak{B} 32'41	
morning set	-4608 Nov 30 j 03:04	25° \mathfrak{A} 25'34		desc. node		-4605 May 22 j 08:04	3° \mathfrak{B} 35'22	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4605 May 22 j 17:18	3°♄23'20			-4603 Oct 25 j 19:41	0°♎	
	-4605 May 28 j 13:53	30°♌♊		max. Earth dist.	-4603 Oct 26 j 23:15	1°♎26'40	1.71055 AU
inferior conj	-4605 May 29 j 05:20	29°♊36'23	-1°-36'-12	desc. node	-4603 Nov 06 j 04:00	14°♎15'12	
minimum elong	-4605 May 29 j 01:47	29°♊41'48	1°35'06		-4603 Nov 18 j 17:45	0°♌	
min. Earth dist.	-4605 May 29 j 19:50	29°♊14'11	0.28409 AU	evening rise	-4603 Dec 04 j 02:36	19°♌11'08	
morning rise	-4605 Jun 04 j 09:24	25°♊57'32			-4603 Dec 12 j 19:12	0°♌	
direct	-4605 Jun 19 j 19:15	21°♊25'26			-4602 Jan 06 j 00:29	0°♌	
greatest brilliancy	-4605 Jul 04 j 15:04	25°♊14'30	-4.6m		-4602 Jan 30 j 10:57	0°♌	
	-4605 Jul 12 j 20:42	0°♌			-4602 Feb 24 j 05:12	0°♌	
morning max el	-4605 Aug 08 j 17:11	22°♌56'19	46°30'45	asc. node	-4602 Feb 26 j 21:04	3°♌11'42	
	-4605 Aug 15 j 15:39	0°♌			-4602 Mar 21 j 11:06	0°♊	
	-4605 Sep 11 j 18:17	0°♌			-4602 Apr 16 j 10:58	0°♌	
asc. node	-4605 Sep 12 j 04:13	0°♌28'47			-4602 May 13 j 19:22	0°♌	
	-4605 Oct 07 j 00:12	0°♌		evening max el	-4602 May 31 j 17:22	18°♌07'20	45°52'59
	-4605 Oct 31 j 12:10	0°♌			-4602 Jun 13 j 19:50	0°♌	
	-4605 Nov 24 j 18:21	0°♌		desc. node	-4602 Jun 18 j 19:34	4°♌04'13	
	-4605 Dec 19 j 00:41	0°♌		greatest brilliancy	-4602 Jul 09 j 08:07	16°♌27'16	-4.6m
desc. node	-4604 Jan 02 j 02:46	17°♌22'10		retrograde	-4602 Jul 20 j 01:40	18°♌30'56	
	-4604 Jan 12 j 09:02	0°♌		evening set	-4602 Aug 06 j 17:45	12°♌42'25	
	-4604 Feb 05 j 19:04	0°♌		inferior conj	-4602 Aug 09 j 21:23	10°♌49'33	-8°-50'-57
morning set	-4604 Feb 13 j 16:44	9°♌41'58		minimum elong	-4602 Aug 09 j 18:18	10°♌54'12	8°50'37
	-4604 Mar 01 j 05:51	0°♌		min. Earth dist.	-4602 Aug 10 j 03:59	10°♌39'35	0.27143 AU
max. Earth dist.	-4604 Mar 21 j 03:47	24°♌25'56	1.73725 AU	morning rise	-4602 Aug 12 j 18:45	9°♌05'47	
				direct	-4602 Aug 30 j 16:40	3°♌04'56	
superior conj	-4604 Mar 21 j 20:01	25°♌15'45	-1°-6'-29	greatest brilliancy	-4602 Sep 13 j 01:50	6°♌23'11	-4.7m
minimum elong	-4604 Mar 22 j 04:19	25°♌41'13	1°06'25	asc. node	-4602 Oct 09 j 15:18	25°♌59'43	
	-4604 Mar 25 j 16:41	0°♌			-4602 Oct 13 j 19:57	0°♌	
	-4604 Apr 19 j 03:10	0°♊		morning max el	-4602 Oct 20 j 12:34	6°♌41'54	46°51'35
asc. node	-4604 Apr 23 j 19:45	5°♊45'44			-4602 Nov 11 j 00:52	0°♌	
evening rise	-4604 Apr 26 j 20:43	9°♊29'46			-4602 Dec 06 j 22:47	0°♌	
	-4604 May 13 j 13:11	0°♌			-4601 Jan 01 j 04:06	0°♌	
	-4604 Jun 06 j 22:57	0°♌			-4601 Jan 26 j 03:57	0°♌	
	-4604 Jul 01 j 09:24	0°♌		desc. node	-4601 Jan 29 j 14:47	4°♌09'08	
	-4604 Jul 25 j 22:29	0°♌			-4601 Feb 20 j 01:18	0°♌	
desc. node	-4604 Aug 13 j 16:55	22°♌45'14			-4601 Mar 16 j 20:12	0°♌	
	-4604 Aug 19 j 17:20	0°♌			-4601 Apr 10 j 12:02	0°♌	
	-4604 Sep 13 j 23:20	0°♌		morning set	-4601 Apr 22 j 17:30	14°♌56'40	
	-4604 Oct 10 j 05:17	0°♌			-4601 May 05 j 00:13	0°♊	
evening max el	-4604 Oct 26 j 16:32	17°♌36'09	47°19'51	asc. node	-4601 May 22 j 08:19	21°♊20'52	
	-4604 Nov 08 j 09:37	0°♌		max. Earth dist.	-4601 May 24 j 13:02	24°♊03'34	1.73125 AU
greatest brilliancy	-4604 Dec 02 j 12:49	17°♌50'58	-4.6m				
asc. node	-4604 Dec 04 j 11:48	18°♌45'54		superior conj	-4601 May 28 j 11:34	28°♊55'32	0°14'21
retrograde	-4604 Dec 16 j 18:47	21°♌38'03		minimum elong	-4601 May 28 j 08:45	28°♊46'52	0°14'20
evening set	-4603 Jan 01 j 23:02	16°♌22'09		behind sun begin	-4601 May 27 j 23:11	28°♊17'18	
min. Earth dist.	-4603 Jan 05 j 21:10	13°♌56'22	0.28230 AU	behind sun end	-4601 May 28 j 18:19	29°♊16'26	
inferior conj	-4603 Jan 06 j 21:04	13°♌18'16	6°53'47		-4601 May 29 j 08:25	0°♌	
minimum elong	-4603 Jan 06 j 12:27	13°♌32'01	6°52'08		-4601 Jun 22 j 12:52	0°♌	
morning rise	-4603 Jan 11 j 02:24	10°♌40'14		evening rise	-4601 Jul 03 j 07:55	13°♌26'11	
direct	-4603 Jan 27 j 19:57	5°♌11'00			-4601 Jul 16 j 14:39	0°♌	
greatest brilliancy	-4603 Feb 07 j 16:48	7°♌20'27	-4.5m		-4601 Aug 09 j 15:36	0°♌	
	-4603 Mar 12 j 02:59	0°♌			-4601 Sep 02 j 17:48	0°♌	
morning max el	-4603 Mar 17 j 16:23	5°♌10'51	45°53'45	desc. node	-4601 Sep 11 j 05:07	10°♌30'56	
desc. node	-4603 Mar 26 j 11:47	13°♌48'59			-4601 Sep 26 j 23:18	0°♌	
	-4603 Apr 11 j 01:04	0°♌			-4601 Oct 21 j 10:28	0°♌	
	-4603 May 08 j 02:50	0°♌			-4601 Nov 15 j 08:10	0°♌	
	-4603 Jun 02 j 22:33	0°♊			-4601 Dec 11 j 04:17	0°♌	
	-4603 Jun 27 j 23:21	0°♌		asc. node	-4600 Jan 01 j 23:19	23°♌32'32	
asc. node	-4603 Jul 17 j 06:47	23°♌38'14		evening max el	-4600 Jan 06 j 13:41	28°♌10'38	45°53'32
	-4603 Jul 22 j 10:19	0°♌			-4600 Jan 08 j 10:07	0°♌	
greatest brilliancy	-4603 Jul 31 j 08:17	11°♌04'34	-3.9m	greatest brilliancy	-4600 Feb 09 j 20:39	25°♌19'25	-4.5m
	-4603 Aug 15 j 11:26	0°♌		retrograde	-4600 Feb 24 j 18:27	29°♌14'25	
	-4603 Sep 08 j 06:50	0°♌		evening set	-4600 Mar 12 j 22:20	23°♌35'58	
morning set	-4603 Sep 11 j 10:18	3°♌58'22		inferior conj	-4600 Mar 17 j 05:41	20°♌54'45	6°58'32
	-4603 Oct 02 j 00:34	0°♌		minimum elong	-4600 Mar 17 j 13:40	20°♌42'02	6°57'13
				min. Earth dist.	-4600 Mar 17 j 16:21	20°♌37'47	0.29399 AU
superior conj	-4603 Oct 22 j 11:27	25°♌47'33	0°33'20	morning rise	-4600 Mar 22 j 05:01	17°♌49'37	
minimum elong	-4603 Oct 22 j 19:56	26°♌14'17	0°32'59	direct	-4600 Apr 08 j 01:10	12°♌27'10	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4600 Apr 21 j 07:52	15° \approx 32'13	-4.5m		-4598 Oct 10 j 20:20	0° $\underline{\text{u}}$	
desc. node	-4600 Apr 22 j 22:51	16° \approx 16'52			-4598 Nov 03 j 21:10	0° m	
	-4600 May 13 j 05:42	0° H			-4598 Nov 28 j 02:30	0° J	
morning max el	-4600 May 26 j 23:55	12° H 22'08	45°55'33		-4598 Dec 22 j 14:56	0° Z	
	-4600 Jun 13 j 10:08	0° Y			-4597 Jan 16 j 16:04	0° \approx	
	-4600 Jul 10 j 11:40	0° B		asc. node	-4597 Jan 29 j 11:03	14° \approx 55'37	
	-4600 Aug 04 j 22:26	0° II			-4597 Feb 11 j 17:09	0° H	
asc. node	-4600 Aug 13 j 18:42	10° II 42'22			-4597 Mar 11 j 21:30	0° Y	
	-4600 Aug 29 j 11:50	0° S		evening max el	-4597 Mar 18 j 08:16	6° Y 16'45	45°05'33
	-4600 Sep 22 j 13:24	0° Ω			-4597 Apr 17 j 13:36	0° B	
	-4600 Oct 16 j 10:06	0° m		greatest brilliancy	-4597 Apr 22 j 04:13	2° B 16'05	-4.5m
	-4600 Nov 09 j 06:48	0° $\underline{\text{u}}$		retrograde	-4597 May 05 j 13:09	5° B 22'01	
morning set	-4600 Nov 27 j 13:16	22° $\underline{\text{u}}$ 52'50		evening set	-4597 May 20 j 08:39	1° B 11'55	
	-4600 Dec 03 j 06:06	0° m		desc. node	-4597 May 21 j 10:19	0° B 37'15	
desc. node	-4600 Dec 03 j 16:31	0° m 32'30			-4597 May 22 j 12:48	30° R Y	
	-4600 Dec 27 j 08:39	0° J		inferior conj	-4597 May 26 j 20:39	27° Y 24'41	-1°-15'-56
				minimum elong	-4597 May 26 j 17:51	27° Y 28'59	1°15'03
superior conj	-4599 Jan 08 j 02:10	14° J 32'31	-1°-9'-24	min. Earth dist.	-4597 May 27 j 11:24	27° Y 02'06	0.28459 AU
minimum elong	-4599 Jan 07 j 16:22	14° J 02'10	1°09'23	morning rise	-4597 Jun 02 j 02:15	23° Y 43'53	
max. Earth dist.	-4599 Jan 11 j 20:24	19° J 11'43	1.72634 AU	direct	-4597 Jun 17 j 11:24	19° Y 12'43	
	-4599 Jan 20 j 14:04	0° Z		greatest brilliancy	-4597 Jul 02 j 08:04	23° Y 03'17	-4.5m
	-4599 Feb 13 j 22:06	0° \approx			-4597 Jul 13 j 17:22	0° B	
evening rise	-4599 Feb 15 j 21:39	2° \approx 26'12		morning max el	-4597 Aug 06 j 09:22	20° B 42'18	46°29'31
	-4599 Mar 10 j 09:00	0° H			-4597 Aug 15 j 11:18	0° II	
asc. node	-4599 Mar 26 j 09:22	19° H 33'06		asc. node	-4597 Sep 11 j 06:17	29° II 50'48	
	-4599 Apr 03 j 23:32	0° Y			-4597 Sep 11 j 09:27	0° S	
	-4599 Apr 28 j 18:41	0° B			-4597 Oct 06 j 13:34	0° Ω	
	-4599 May 23 j 20:03	0° II			-4597 Oct 31 j 00:36	0° m	
	-4599 Jun 18 j 07:07	0° S			-4597 Nov 24 j 06:15	0° $\underline{\text{u}}$	
	-4599 Jul 14 j 12:18	0° Ω			-4597 Dec 18 j 12:12	0° m	
desc. node	-4599 Jul 16 j 07:02	1° Ω 59'16		desc. node	-4596 Jan 01 j 04:50	16° m 53'42	
	-4599 Aug 11 j 12:03	0° m			-4596 Jan 11 j 20:14	0° J	
evening max el	-4599 Aug 13 j 12:11	2° m 00'43	47°21'02		-4596 Feb 05 j 06:01	0° Z	
	-4599 Sep 16 j 14:50	0° $\underline{\text{u}}$		morning set	-4596 Feb 11 j 08:09	7° Z 28'35	
greatest brilliancy	-4599 Sep 22 j 00:03	2° $\underline{\text{u}}$ 33'33	-4.7m		-4596 Feb 29 j 16:36	0° \approx	
retrograde	-4599 Oct 03 j 03:18	4° $\underline{\text{u}}$ 53'44		max. Earth dist.	-4596 Mar 19 j 02:42	22° \approx 36'13	1.73715 AU
evening set	-4599 Oct 18 j 05:32	0° $\underline{\text{u}}$ 23'09					
	-4599 Oct 18 j 22:02	30° R m		superior conj	-4596 Mar 19 j 14:19	23° \approx 11'52	-1°-8'-18
inferior conj	-4599 Oct 23 j 17:38	27° m 06'34	-3°-21'-23	minimum elong	-4596 Mar 19 j 22:29	23° \approx 36'55	1°08'15
minimum elong	-4599 Oct 24 j 00:45	26° m 55'37	3°19'14		-4596 Mar 25 j 03:20	0° H	
min. Earth dist.	-4599 Oct 23 j 12:13	27° m 14'55	0.26429 AU		-4596 Apr 18 j 13:52	0° Y	
morning rise	-4599 Oct 29 j 20:11	23° m 31'10		asc. node	-4596 Apr 22 j 21:59	5° Y 19'38	
asc. node	-4599 Nov 06 j 02:35	20° m 28'53		evening rise	-4596 Apr 24 j 16:20	7° Y 29'40	
direct	-4599 Nov 12 j 22:22	19° m 30'54			-4596 May 13 j 00:04	0° B	
greatest brilliancy	-4599 Nov 24 j 12:19	22° m 01'53	-4.6m		-4596 Jun 06 j 10:09	0° II	
	-4599 Dec 08 j 03:34	0° $\underline{\text{u}}$			-4596 Jun 30 j 21:04	0° S	
morning max el	-4598 Jan 01 j 21:29	21° $\underline{\text{u}}$ 47'49	46°27'18		-4596 Jul 25 j 10:48	0° Ω	
	-4598 Jan 09 j 23:24	0° m		desc. node	-4596 Aug 12 j 18:55	22° Ω 12'06	
	-4598 Feb 06 j 15:50	0° J			-4596 Aug 19 j 06:35	0° m	
desc. node	-4598 Feb 26 j 02:31	22° J 04'23			-4596 Sep 13 j 14:07	0° $\underline{\text{u}}$	
	-4598 Mar 04 j 23:29	0° Z			-4596 Oct 09 j 23:16	0° m	
	-4598 Mar 30 j 15:18	0° \approx		evening max el	-4596 Oct 24 j 09:02	15° m 19'44	47°22'04
	-4598 Apr 24 j 20:16	0° H			-4596 Nov 08 j 14:34	0° J	
	-4598 May 19 j 16:08	0° Y		greatest brilliancy	-4596 Nov 30 j 06:23	15° J 35'42	-4.6m
	-4598 Jun 13 j 03:46	0° B		asc. node	-4596 Dec 03 j 14:00	17° J 04'28	
asc. node	-4598 Jun 18 j 20:46	7° B 02'57		retrograde	-4596 Dec 14 j 11:28	19° J 21'06	
morning set	-4598 Jun 28 j 21:41	19° B 29'40		evening set	-4596 Dec 30 j 11:56	14° J 09'44	
	-4598 Jul 07 j 08:10	0° II		min. Earth dist.	-4595 Jan 03 j 11:41	11° J 41'36	0.28152 AU
	-4598 Jul 31 j 07:05	0° S		inferior conj	-4595 Jan 04 j 12:38	11° J 01'50	6°42'20
max. Earth dist.	-4598 Aug 02 j 03:27	2° S 19'26	1.71412 AU	minimum elong	-4595 Jan 04 j 03:47	11° J 15'58	6°40'33
				morning rise	-4595 Jan 08 j 20:17	8° J 20'43	
superior conj	-4598 Aug 05 j 06:01	6° S 13'56	1°21'32	direct	-4595 Jan 25 j 11:12	2° J 55'59	
minimum elong	-4598 Aug 05 j 01:36	6° S 00'01	1°21'43	greatest brilliancy	-4595 Feb 05 j 05:36	5° J 03'47	-4.5m
	-4598 Aug 24 j 03:02	0° Ω			-4595 Mar 12 j 03:41	0° Z	
evening rise	-4598 Sep 13 j 16:46	25° Ω 54'47		morning max el	-4595 Mar 15 j 08:23	3° Z 00'39	45°54'25
	-4598 Sep 16 j 22:44	0° m		desc. node	-4595 Mar 25 j 13:50	13° Z 04'57	
desc. node	-4598 Oct 08 j 17:35	27° m 21'05			-4595 Apr 10 j 17:19	0° \approx	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4595 May 07 j 16:20	0° H			-4593 Nov 14 j 22:01	0° J	
	-4595 Jun 02 j 10:48	0° Y			-4593 Dec 10 j 20:19	0° Z	
	-4595 Jun 27 j 10:57	0° B		asc. node	-4592 Jan 01 j 01:25	22° Z 46'10	
asc. node	-4595 Jul 16 j 08:54	23° B 09'46		evening max el	-4592 Jan 04 j 04:03	25° Z 53'36	45°56'30
	-4595 Jul 21 j 21:37	0° II			-4592 Jan 08 j 08:54	0° \approx	
greatest brilliancy	-4595 Aug 03 j 04:40	15° II 17'35	-3.9m	greatest brilliancy	-4592 Feb 07 j 13:12	23° \approx 11'04	-4.5m
	-4595 Aug 14 j 22:36	0° S		retrograde	-4592 Feb 22 j 11:12	27° \approx 07'31	
	-4595 Sep 07 j 17:58	0° Q		evening set	-4592 Mar 10 j 17:39	21° \approx 25'25	
morning set	-4595 Sep 08 j 22:09	1° Q 29'00		inferior conj	-4592 Mar 14 j 22:53	18° \approx 47'21	7°08'05
	-4595 Oct 01 j 11:43	0° M		minimum elong	-4592 Mar 15 j 06:32	18° \approx 35'09	7°06'53
				min. Earth dist.	-4592 Mar 15 j 08:54	18° \approx 31'22	0.29400 AU
superior conj	-4595 Oct 19 j 20:08	23° M 08'43	0°37'00	morning rise	-4592 Mar 19 j 19:23	15° \approx 46'05	
minimum elong	-4595 Oct 20 j 05:20	23° M 37'41	0°36'38	direct	-4592 Apr 05 j 17:30	10° \approx 19'40	
max. Earth dist.	-4595 Oct 24 j 06:56	28° M 44'50	1.71017 AU	greatest brilliancy	-4592 Apr 18 j 22:55	13° \approx 22'42	-4.5m
	-4595 Oct 25 j 06:50	0° A		desc. node	-4592 Apr 22 j 01:09	14° \approx 50'42	
desc. node	-4595 Nov 05 j 06:13	13° A 47'16			-4592 May 13 j 11:01	0° H	
	-4595 Nov 18 j 04:53	0° M		morning max el	-4592 May 24 j 15:27	10° H 10'53	45°54'55
evening rise	-4595 Dec 01 j 12:23	16° M 37'23			-4592 Jun 13 j 03:27	0° Y	
	-4595 Dec 12 j 06:20	0° J			-4592 Jul 10 j 01:45	0° B	
	-4594 Jan 05 j 11:41	0° Z			-4592 Aug 04 j 11:09	0° II	
	-4594 Jan 29 j 22:22	0° \approx		asc. node	-4592 Aug 12 j 20:48	10° II 10'54	
	-4594 Feb 23 j 17:02	0° H			-4592 Aug 28 j 23:53	0° S	
asc. node	-4594 Feb 25 j 23:09	2° H 42'16			-4592 Sep 22 j 01:07	0° Q	
	-4594 Mar 20 j 23:46	0° Y			-4592 Oct 15 j 21:38	0° M	
	-4594 Apr 16 j 01:21	0° B			-4592 Nov 08 j 18:13	0° A	
	-4594 May 13 j 13:40	0° II		morning set	-4592 Nov 24 j 23:01	20° A 17'49	
evening max el	-4594 May 29 j 07:10	15° II 48'39	45°49'58	desc. node	-4592 Dec 02 j 18:37	0° M 03'44	
	-4594 Jun 14 j 05:03	0° S			-4592 Dec 02 j 17:25	0° M	
desc. node	-4594 Jun 17 j 21:39	2° S 54'20			-4592 Dec 26 j 19:52	0° J	
greatest brilliancy	-4594 Jul 06 j 19:47	14° S 03'12	-4.6m				
retrograde	-4594 Jul 17 j 13:31	16° S 06'51		superior conj	-4591 Jan 05 j 14:36	12° J 07'50	-1°-7'-20
evening set	-4594 Aug 04 j 03:29	10° S 22'55		minimum elong	-4591 Jan 05 j 04:25	11° J 36'18	1°07'16
inferior conj	-4594 Aug 07 j 10:10	8° S 25'25	-8°-46'-35	max. Earth dist.	-4591 Jan 09 j 10:23	16° J 51'59	1.72573 AU
minimum elong	-4594 Aug 07 j 06:10	8° S 31'27	8°46'10		-4591 Jan 20 j 01:12	0° Z	
min. Earth dist.	-4594 Aug 07 j 16:46	8° S 15'26	0.27187 AU		-4591 Feb 13 j 09:11	0° \approx	
morning rise	-4594 Aug 10 j 08:46	6° S 39'36		evening rise	-4591 Feb 13 j 13:18	0° \approx 12'42	
direct	-4594 Aug 28 j 06:03	0° S 40'05			-4591 Mar 09 j 20:09	0° H	
greatest brilliancy	-4594 Sep 10 j 16:11	3° S 58'30	-4.7m	asc. node	-4591 Mar 25 j 11:35	19° H 05'24	
asc. node	-4594 Oct 08 j 17:36	24° S 59'37			-4591 Apr 03 j 10:57	0° Y	
	-4594 Oct 13 j 21:07	0° Q			-4591 Apr 28 j 06:36	0° B	
morning max el	-4594 Oct 18 j 00:57	4° Q 12'13	46°51'33		-4591 May 23 j 08:49	0° II	
	-4594 Nov 10 j 18:08	0° M			-4591 Jun 17 j 21:17	0° S	
	-4594 Dec 06 j 13:17	0° A			-4591 Jul 14 j 05:03	0° Q	
	-4594 Dec 31 j 17:10	0° M		desc. node	-4591 Jul 15 j 09:07	1° Q 17'53	
	-4593 Jan 25 j 16:08	0° J		evening max el	-4591 Aug 11 j 00:32	29° Q 32'54	47°18'56
desc. node	-4593 Jan 28 j 16:51	3° J 38'56			-4591 Aug 11 j 11:27	0° M	
	-4593 Feb 19 j 12:54	0° Z			-4591 Sep 19 j 08:59	0° A	
	-4593 Mar 16 j 07:25	0° \approx		greatest brilliancy	-4591 Sep 19 j 14:39	0° A 05'40	-4.7m
	-4593 Apr 09 j 23:00	0° H		retrograde	-4591 Sep 30 j 15:44	2° A 23'58	
morning set	-4593 Apr 20 j 12:41	12° H 55'11			-4591 Oct 11 j 11:49	30° R M	
	-4593 May 04 j 11:03	0° Y		evening set	-4591 Oct 15 j 20:27	27° M 49'58	
asc. node	-4593 May 21 j 10:32	20° Y 54'23		inferior conj	-4591 Oct 21 j 06:07	24° M 37'23	-3°-43'-44
max. Earth dist.	-4593 May 22 j 08:15	22° Y 01'23	1.73170 AU	minimum elong	-4591 Oct 21 j 13:54	24° M 25'27	3°41'25
				min. Earth dist.	-4591 Oct 21 j 02:02	24° M 43'41	0.26421 AU
superior conj	-4593 May 26 j 06:37	26° Y 52'43	0°11'21	morning rise	-4591 Oct 27 j 07:30	21° M 03'59	
minimum elong	-4593 May 26 j 04:23	26° Y 45'50	0°11'20	asc. node	-4591 Nov 05 j 04:47	17° M 36'02	
behind sun begin	-4593 May 25 j 12:45	25° Y 57'33		direct	-4591 Nov 10 j 10:30	17° M 01'42	
behind sun end	-4593 May 26 j 20:01	27° Y 34'08		greatest brilliancy	-4591 Nov 22 j 03:16	19° M 35'50	-4.7m
	-4593 May 28 j 19:13	0° B			-4591 Dec 08 j 22:44	0° A	
	-4593 Jun 21 j 23:46	0° II		morning max el	-4591 Dec 30 j 11:32	19° A 25'11	46°28'36
evening rise	-4593 Jul 01 j 01:52	11° II 18'27			-4590 Jan 09 j 19:51	0° M	
	-4593 Jul 16 j 01:45	0° S			-4590 Feb 06 j 07:29	0° J	
	-4593 Aug 09 j 02:59	0° Q		desc. node	-4590 Feb 25 j 04:38	21° J 30'17	
	-4593 Sep 02 j 05:33	0° M			-4590 Mar 04 j 13:03	0° Z	
desc. node	-4593 Sep 10 j 07:13	10° M 00'36			-4590 Mar 30 j 03:42	0° \approx	
	-4593 Sep 26 j 11:29	0° A			-4590 Apr 24 j 07:59	0° H	
	-4593 Oct 20 j 23:17	0° M			-4590 May 19 j 03:28	0° Y	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4590 Jun 12 j 14:56	0°♄		greatest brilliancy	-4588 Nov 28 j 00:52	13°♂20'40	-4.6m
asc. node	-4590 Jun 17 j 22:45	6°♂34'42		asc. node	-4588 Dec 02 j 16:04	15°♂18'16	
morning set	-4590 Jun 26 j 14:44	17°♂19'00		retrograde	-4588 Dec 12 j 03:56	17°♂02'56	
	-4590 Jul 06 j 19:17	0°♂		evening set	-4588 Dec 28 j 00:53	11°♂56'24	
max. Earth dist.	-4590 Jul 30 j 16:02	29°♂53'04	1.71463 AU	min. Earth dist.	-4587 Jan 01 j 02:28	9°♂25'30	0.28072 AU
	-4590 Jul 30 j 18:14	0°♂		inferior conj	-4587 Jan 02 j 04:10	8°♂44'32	6°30'13
				minimum elong	-4587 Jan 01 j 19:08	8°♂58'55	6°28'18
superior conj	-4590 Aug 02 j 20:56	3°♂54'44	1°20'39	morning rise	-4587 Jan 06 j 14:08	6°♂00'04	
minimum elong	-4590 Aug 02 j 15:50	3°♂38'45	1°20'49	direct	-4587 Jan 23 j 02:21	0°♂40'16	
	-4590 Aug 23 j 14:16	0°♂		greatest brilliancy	-4587 Feb 02 j 17:59	2°♂45'45	-4.5m
evening rise	-4590 Sep 11 j 03:29	23°♂21'50			-4587 Mar 12 j 03:33	0°♂	
	-4590 Sep 16 j 10:05	0°♂		morning max el	-4587 Mar 12 j 23:36	0°♂47'40	45°54'58
desc. node	-4590 Oct 07 j 19:48	26°♂52'04		desc. node	-4587 Mar 24 j 16:07	12°♂21'20	
	-4590 Oct 10 j 07:50	0°♂			-4587 Apr 10 j 09:38	0°♂	
	-4590 Nov 03 j 08:51	0°♂			-4587 May 07 j 06:05	0°♂	
	-4590 Nov 27 j 14:26	0°♂			-4587 Jun 01 j 23:19	0°♂	
	-4590 Dec 22 j 03:19	0°♂			-4587 Jun 26 j 22:50	0°♂	
asc. node	-4589 Jan 16 j 05:20	0°♂		asc. node	-4587 Jul 15 j 11:00	22°♂40'34	
	-4589 Jan 28 j 13:07	14°♂21'05			-4587 Jul 21 j 09:08	0°♂	
	-4589 Feb 11 j 08:25	0°♂		greatest brilliancy	-4587 Aug 04 j 20:56	18°♂02'37	-3.9m
	-4589 Mar 11 j 18:19	0°♂			-4587 Aug 14 j 09:57	0°♂	
evening max el	-4589 Mar 16 j 00:37	4°♂07'16	45°05'48	morning set	-4587 Sep 06 j 10:04	28°♂59'19	
greatest brilliancy	-4589 Apr 19 j 17:12	0°♂02'19	-4.5m		-4587 Sep 07 j 05:17	0°♂	
	-4589 Apr 19 j 15:05	0°♂			-4587 Sep 30 j 23:03	0°♂	
retrograde	-4589 May 03 j 04:50	3°♂10'35					
	-4589 May 16 j 00:43	30°♂		superior conj	-4587 Oct 17 j 05:03	20°♂29'56	0°40'33
evening set	-4589 May 18 j 00:23	28°♂59'53		minimum elong	-4587 Oct 17 j 14:53	21°♂00'53	0°40'12
desc. node	-4589 May 20 j 12:23	27°♂36'23		max. Earth dist.	-4587 Oct 21 j 11:59	25°♂53'55	1.70983 AU
inferior conj	-4589 May 24 j 12:07	25°♂12'26	0°-55'-48		-4587 Oct 24 j 18:12	0°♂	
minimum elong	-4589 May 24 j 10:03	25°♂15'36	0°55'07	desc. node	-4587 Nov 04 j 08:14	13°♂17'56	
min. Earth dist.	-4589 May 25 j 02:57	24°♂49'40	0.28503 AU		-4587 Nov 17 j 16:14	0°♂	
morning rise	-4589 May 30 j 19:01	21°♂29'45		evening rise	-4587 Nov 28 j 22:05	14°♂02'33	
direct	-4589 Jun 15 j 03:55	16°♂59'43			-4587 Dec 11 j 17:41	0°♂	
greatest brilliancy	-4589 Jun 29 j 23:48	20°♂49'52	-4.5m		-4586 Jan 04 j 23:06	0°♂	
	-4589 Jul 14 j 09:07	0°♂			-4586 Jan 29 j 09:58	0°♂	
morning max el	-4589 Aug 04 j 01:26	18°♂27'31	46°28'09		-4586 Feb 23 j 05:06	0°♂	
	-4589 Aug 15 j 06:41	0°♂		asc. node	-4586 Feb 25 j 01:22	2°♂12'36	
asc. node	-4589 Sep 10 j 08:29	29°♂12'47			-4586 Mar 20 j 12:45	0°♂	
	-4589 Sep 11 j 00:40	0°♂			-4586 Apr 15 j 16:11	0°♂	
	-4589 Oct 06 j 03:06	0°♂			-4586 May 13 j 08:48	0°♂	
	-4589 Oct 30 j 13:16	0°♂		evening max el	-4586 May 26 j 20:12	13°♂27'22	45°47'02
	-4589 Nov 23 j 18:23	0°♂			-4586 Jun 14 j 17:54	0°♂	
	-4589 Dec 17 j 23:57	0°♂		desc. node	-4586 Jun 16 j 23:45	1°♂41'36	
desc. node	-4589 Dec 31 j 06:52	16°♂24'18		greatest brilliancy	-4586 Jul 04 j 07:46	11°♂38'47	-4.6m
	-4588 Jan 11 j 07:42	0°♂		retrograde	-4586 Jul 15 j 01:14	13°♂42'28	
	-4588 Feb 04 j 17:15	0°♂		evening set	-4586 Aug 01 j 12:53	8°♂03'27	
morning set	-4588 Feb 08 j 23:26	5°♂13'43		inferior conj	-4586 Aug 04 j 23:01	6°♂01'01	-8°-41'-18
	-4588 Feb 29 j 03:42	0°♂		minimum elong	-4586 Aug 04 j 18:08	6°♂08'23	8°40'45
				min. Earth dist.	-4586 Aug 05 j 05:55	5°♂50'33	0.27228 AU
superior conj	-4588 Mar 17 j 08:19	21°♂05'55	-1°-10'-2	morning rise	-4586 Aug 07 j 23:13	4°♂12'41	
minimum elong	-4588 Mar 17 j 16:17	21°♂30'21	1°10'00		-4586 Aug 16 j 10:45	30°♂	
max. Earth dist.	-4588 Mar 17 j 01:36	20°♂45'18	1.73704 AU	direct	-4586 Aug 25 j 19:03	28°♂14'47	
	-4588 Mar 24 j 14:22	0°♂			-4586 Sep 04 j 10:52	0°♂	
	-4588 Apr 18 j 00:56	0°♂		greatest brilliancy	-4586 Sep 08 j 07:22	1°♂34'40	-4.7m
evening rise	-4588 Apr 22 j 11:35	5°♂27'23		asc. node	-4586 Oct 07 j 19:47	24°♂00'20	
asc. node	-4588 Apr 22 j 00:06	4°♂52'09			-4586 Oct 13 j 21:14	0°♂	
greatest brilliancy	-4588 Apr 23 j 23:08	7°♂16'32	-3.9m	morning max el	-4586 Oct 15 j 13:03	1°♂41'27	46°51'30
	-4588 May 12 j 11:18	0°♂			-4586 Nov 10 j 11:11	0°♂	
	-4588 Jun 05 j 21:40	0°♂			-4586 Dec 06 j 03:46	0°♂	
	-4588 Jun 30 j 09:03	0°♂			-4586 Dec 31 j 06:18	0°♂	
	-4588 Jul 24 j 23:28	0°♂			-4585 Jan 25 j 04:25	0°♂	
desc. node	-4588 Aug 11 j 21:03	21°♂38'16		desc. node	-4585 Jan 27 j 18:58	3°♂08'33	
	-4588 Aug 18 j 20:15	0°♂			-4585 Feb 19 j 00:36	0°♂	
	-4588 Sep 13 j 05:25	0°♂			-4585 Mar 15 j 18:43	0°♂	
	-4588 Oct 09 j 17:59	0°♂			-4585 Apr 09 j 10:04	0°♂	
evening max el	-4588 Oct 22 j 01:41	13°♂02'41	47°24'06	morning set	-4585 Apr 18 j 07:46	10°♂53'05	
	-4588 Nov 08 j 22:01	0°♂			-4585 May 03 j 22:00	0°♂	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

max. Earth dist.	-4585 May 20 j 04:31	20°Y02'05	1.73221 AU	min. Earth dist.	-4583 Oct 18 j 15:13	22°M11'58	0.26413 AU
asc. node	-4585 May 20 j 12:31	20°Y26'46		morning rise	-4583 Oct 24 j 18:16	18°M36'23	
				asc. node	-4583 Nov 04 j 06:48	14°M48'39	
superior conj	-4585 May 24 j 01:33	24°Y49'10	0°08'20	direct	-4583 Nov 07 j 22:50	14°M31'47	
minimum elong	-4585 May 23 j 23:54	24°Y44'06	0°08'19	greatest brilliancy	-4583 Nov 19 j 17:07	17°M08'09	-4.7m
behind sun begin	-4585 May 23 j 04:54	23°Y45'26			-4583 Dec 09 j 13:04	0°L	
behind sun end	-4585 May 24 j 18:55	25°Y42'47		morning max el	-4583 Dec 28 j 02:08	17°L04'08	46°29'56
	-4585 May 28 j 06:11	0°B			-4582 Jan 09 j 15:31	0°M	
	-4585 Jun 21 j 10:50	0°II			-4582 Feb 05 j 22:43	0°J	
evening rise	-4585 Jun 28 j 19:44	9°II10'02		desc. node	-4582 Feb 24 j 06:49	20°J57'08	
	-4585 Jul 15 j 13:02	0°S			-4582 Mar 04 j 02:18	0°S	
	-4585 Aug 08 j 14:32	0°Q			-4582 Mar 29 j 15:52	0°W	
	-4585 Sep 01 j 17:25	0°M			-4582 Apr 23 j 19:30	0°K	
desc. node	-4585 Sep 09 j 09:25	9°M30'13			-4582 May 18 j 14:36	0°Y	
	-4585 Sep 25 j 23:46	0°L			-4582 Jun 12 j 01:52	0°B	
	-4585 Oct 20 j 12:12	0°M		asc. node	-4582 Jun 17 j 00:57	6°B07'47	
	-4585 Nov 14 j 12:02	0°J		morning set	-4582 Jun 24 j 08:06	15°B10'09	
	-4585 Dec 10 j 12:42	0°S			-4582 Jul 06 j 06:11	0°II	
asc. node	-4585 Dec 31 j 03:35	21°S59'05		max. Earth dist.	-4582 Jul 28 j 03:27	27°II23'52	1.71520 AU
evening max el	-4584 Jan 01 j 18:29	23°S36'26	45°59'34		-4582 Jul 30 j 05:11	0°S	
	-4584 Jan 08 j 08:47	0°W					
greatest brilliancy	-4584 Feb 05 j 04:55	21°W01'22	-4.5m	superior conj	-4582 Jul 31 j 12:04	1°S37'00	1°19'38
retrograde	-4584 Feb 20 j 04:21	25°W00'35		minimum elong	-4582 Jul 31 j 06:22	1°S19'07	1°19'47
evening set	-4584 Mar 08 j 12:51	19°W14'44			-4582 Aug 23 j 01:20	0°Q	
inferior conj	-4584 Mar 12 j 16:04	16°W39'48	7°17'03	evening rise	-4582 Sep 08 j 14:10	20°Q49'13	
minimum elong	-4584 Mar 12 j 23:21	16°W28'12	7°15'57		-4582 Sep 15 j 21:18	0°M	
min. Earth dist.	-4584 Mar 13 j 01:17	16°W25'06	0.29400 AU	desc. node	-4582 Oct 06 j 21:48	26°M22'44	
morning rise	-4584 Mar 17 j 09:48	13°W42'36			-4582 Oct 09 j 19:13	0°L	
direct	-4584 Apr 03 j 09:42	8°W12'02			-4582 Nov 02 j 20:24	0°M	
greatest brilliancy	-4584 Apr 16 j 14:24	11°W13'56	-4.5m		-4582 Nov 27 j 02:13	0°J	
desc. node	-4584 Apr 21 j 03:09	13°W27'03			-4582 Dec 21 j 15:32	0°S	
	-4584 May 13 j 14:28	0°K			-4581 Jan 15 j 18:28	0°W	
morning max el	-4584 May 22 j 07:41	8°K01'33	45°54'16	asc. node	-4581 Jan 27 j 15:21	13°W47'29	
	-4584 Jun 12 j 20:24	0°Y			-4581 Feb 10 j 23:38	0°K	
	-4584 Jul 09 j 15:45	0°B			-4581 Mar 11 j 15:36	0°Y	
	-4584 Aug 03 j 23:53	0°II		evening max el	-4581 Mar 13 j 17:13	1°Y59'04	45°06'05
asc. node	-4584 Aug 11 j 23:00	9°II39'38		greatest brilliancy	-4581 Apr 17 j 07:30	27°Y51'05	-4.5m
	-4584 Aug 28 j 11:59	0°S			-4581 Apr 23 j 09:39	0°B	
	-4584 Sep 21 j 12:52	0°Q		retrograde	-4581 Apr 30 j 20:11	1°B00'09	
	-4584 Oct 15 j 09:09	0°M			-4581 May 08 j 00:19	30°R'Y	
	-4584 Nov 08 j 05:34	0°L		evening set	-4581 May 15 j 16:23	26°Y48'54	
morning set	-4584 Nov 22 j 08:41	17°L42'34		desc. node	-4581 May 19 j 14:29	24°Y34'39	
desc. node	-4584 Dec 01 j 20:37	29°L34'55		inferior conj	-4581 May 22 j 03:39	23°Y01'23	0°-35'-37
	-4584 Dec 02 j 04:39	0°M		minimum elong	-4581 May 22 j 02:20	23°Y03'25	0°35'10
	-4584 Dec 26 j 07:00	0°J		min. Earth dist.	-4581 May 22 j 18:44	22°Y38'12	0.28545 AU
				morning rise	-4581 May 28 j 11:40	19°Y16'50	
superior conj	-4583 Jan 03 j 02:50	9°J42'38	-1°-5'-8	direct	-4581 Jun 12 j 20:26	14°Y48'04	
minimum elong	-4583 Jan 02 j 16:19	9°J10'03	1°05'02	greatest brilliancy	-4581 Jun 27 j 14:24	18°Y36'06	-4.5m
max. Earth dist.	-4583 Jan 06 j 22:35	14°J26'51	1.72516 AU		-4581 Jul 14 j 20:26	0°B	
	-4583 Jan 19 j 12:16	0°S		morning max el	-4581 Aug 01 j 16:41	16°B11'53	46°26'47
evening rise	-4583 Feb 11 j 04:55	27°S59'09			-4581 Aug 15 j 01:10	0°II	
	-4583 Feb 12 j 20:13	0°W		asc. node	-4581 Sep 09 j 10:40	28°II35'59	
	-4583 Mar 09 j 07:15	0°K			-4581 Sep 10 j 15:23	0°S	
asc. node	-4583 Mar 24 j 13:44	18°K37'40			-4581 Oct 05 j 16:16	0°Q	
	-4583 Apr 02 j 22:18	0°Y			-4581 Oct 30 j 01:39	0°M	
	-4583 Apr 27 j 18:28	0°B			-4581 Nov 23 j 06:17	0°L	
	-4583 May 22 j 21:33	0°II			-4581 Dec 17 j 11:30	0°M	
	-4583 Jun 17 j 11:29	0°S		desc. node	-4581 Dec 30 j 09:05	15°M56'08	
	-4583 Jul 13 j 22:06	0°Q			-4580 Jan 10 j 18:55	0°J	
desc. node	-4583 Jul 14 j 11:14	0°Q36'16			-4580 Feb 04 j 04:13	0°S	
evening max el	-4583 Aug 08 j 13:48	27°Q07'24	47°16'35	morning set	-4580 Feb 06 j 14:18	2°S58'25	
	-4583 Aug 11 j 11:57	0°M			-4580 Feb 28 j 14:29	0°W	
greatest brilliancy	-4583 Sep 17 j 04:16	27°M36'08	-4.7m				
retrograde	-4583 Sep 28 j 04:27	29°M53'19		superior conj	-4580 Mar 15 j 02:06	19°W00'12	-1°-11'-41
evening set	-4583 Oct 13 j 11:16	25°M15'42		minimum elong	-4580 Mar 15 j 09:48	19°W23'50	1°11'40
inferior conj	-4583 Oct 18 j 18:17	22°M07'17	-4°-5'-56	max. Earth dist.	-4580 Mar 15 j 00:31	18°W55'22	1.73689 AU
minimum elong	-4583 Oct 19 j 02:42	21°M54'24	4°03'28		-4580 Mar 24 j 01:06	0°K	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4580 Apr 17 j 11:44	0°Υ		direct	-4578 Aug 23 j 08:04	25°II50'29	
evening rise	-4580 Apr 20 j 06:47	3°Υ25'47		greatest brilliancy	-4578 Sep 05 j 23:40	29°II13'27	-4.7m
asc. node	-4580 Apr 21 j 02:07	4°Υ25'08			-4578 Sep 07 j 13:42	0°☿	
greatest brilliancy	-4580 Apr 23 j 16:34	7°Υ36'51	-3.9m	asc. node	-4578 Oct 06 j 21:47	23°☿02'59	
	-4580 May 11 j 22:15	0°♄		morning max el	-4578 Oct 13 j 01:49	29°☿13'27	46°51'40
	-4580 Jun 05 j 08:56	0°♂			-4578 Oct 13 j 19:56	0°♂	
	-4580 Jun 29 j 20:46	0°☿			-4578 Nov 10 j 03:32	0°♍	
	-4580 Jul 24 j 11:51	0°♂			-4578 Dec 05 j 17:44	0°♌	
desc. node	-4580 Aug 10 j 23:15	21°♂05'41			-4578 Dec 30 j 19:00	0°♍	
	-4580 Aug 18 j 09:38	0°♍			-4577 Jan 24 j 16:22	0°♌	
	-4580 Sep 12 j 20:32	0°♌		desc. node	-4577 Jan 26 j 21:07	2°♌39'11	
	-4580 Oct 09 j 12:51	0°♍			-4577 Feb 18 j 12:02	0°♌	
evening max el	-4580 Oct 19 j 17:39	10°♍44'31	47°25'47		-4577 Mar 15 j 05:47	0°♍	
	-4580 Nov 09 j 07:52	0°♌			-4577 Apr 08 j 20:53	0°♌	
greatest brilliancy	-4580 Nov 25 j 19:49	11°♌06'14	-4.6m	morning set	-4577 Apr 16 j 02:41	8°♌51'12	
asc. node	-4580 Dec 01 j 18:16	13°♌28'20			-4577 May 03 j 08:41	0°Υ	
retrograde	-4580 Dec 09 j 19:39	14°♌44'25		max. Earth dist.	-4577 May 18 j 02:36	18°Υ09'13	1.73267 AU
evening set	-4580 Dec 25 j 13:41	9°♌42'53		asc. node	-4577 May 19 j 14:42	20°Υ00'32	
min. Earth dist.	-4580 Dec 29 j 17:33	7°♌08'37	0.27991 AU				
inferior conj	-4580 Dec 30 j 19:31	6°♌27'11	6°17'10	superior conj	-4577 May 21 j 20:25	22°Υ46'16	0°05'17
minimum elong	-4580 Dec 30 j 10:23	6°♌41'45	6°15'10	minimum elong	-4577 May 21 j 19:22	22°Υ43'02	0°05'19
morning rise	-4579 Jan 04 j 07:51	3°♌39'07		behind sun begin	-4577 May 20 j 22:24	21°Υ38'19	
	-4579 Jan 11 j 20:39	30°♍		behind sun end	-4577 May 22 j 16:21	23°Υ47'47	
direct	-4579 Jan 20 j 17:00	28°♍24'29			-4577 May 27 j 16:52	0°♄	
	-4579 Jan 29 j 22:43	0°♌			-4577 Jun 20 j 21:40	0°♂	
greatest brilliancy	-4579 Jan 31 j 07:07	0°♌28'28	-4.5m	evening rise	-4577 Jun 26 j 13:48	7°♂03'05	
morning max el	-4579 Mar 10 j 13:46	28°♌32'43	45°55'38		-4577 Jul 15 j 00:06	0°☿	
	-4579 Mar 12 j 02:08	0°♌			-4577 Aug 08 j 01:53	0°♂	
desc. node	-4579 Mar 23 j 18:10	11°♌38'33			-4577 Sep 01 j 05:06	0°♍	
	-4579 Apr 10 j 01:22	0°♍		desc. node	-4577 Sep 08 j 11:25	8°♍59'53	
	-4579 May 06 j 19:22	0°♌			-4577 Sep 25 j 11:52	0°♌	
	-4579 Jun 01 j 11:27	0°Υ			-4577 Oct 20 j 00:55	0°♍	
	-4579 Jun 26 j 10:21	0°♄			-4577 Nov 14 j 01:51	0°♌	
asc. node	-4579 Jul 14 j 13:11	22°♄12'34			-4577 Dec 10 j 04:59	0°♌	
	-4579 Jul 20 j 20:20	0°♂		asc. node	-4577 Dec 30 j 05:47	21°♌12'21	
greatest brilliancy	-4579 Aug 06 j 06:19	20°♂27'26	-3.9m	evening max el	-4577 Dec 30 j 09:38	21°♌21'58	46°02'38
	-4579 Aug 13 j 21:00	0°☿			-4576 Jan 08 j 09:25	0°♍	
morning set	-4579 Sep 03 j 22:29	26°☿32'12		greatest brilliancy	-4576 Feb 02 j 20:19	18°♍52'04	-4.5m
	-4579 Sep 06 j 16:17	0°♂		retrograde	-4576 Feb 17 j 22:00	22°♍54'29	
	-4579 Sep 30 j 10:03	0°♍		evening set	-4576 Mar 06 j 08:03	17°♍04'52	
				inferior conj	-4576 Mar 10 j 09:20	14°♍32'55	7°25'22
superior conj	-4579 Oct 14 j 14:27	17°♍53'45	0°44'00	minimum elong	-4576 Mar 10 j 16:13	14°♍21'57	7°24'22
minimum elong	-4579 Oct 15 j 00:48	18°♍26'22	0°43'37	min. Earth dist.	-4576 Mar 10 j 17:28	14°♍19'58	0.29401 AU
max. Earth dist.	-4579 Oct 18 j 15:03	22°♍57'56	1.70953 AU	morning rise	-4576 Mar 15 j 00:22	11°♍39'52	
	-4579 Oct 24 j 05:12	0°♌		direct	-4576 Apr 01 j 02:22	6°♍05'04	
desc. node	-4579 Nov 03 j 10:18	12°♌49'53		greatest brilliancy	-4576 Apr 14 j 06:07	9°♍06'08	-4.5m
	-4579 Nov 17 j 03:15	0°♍		desc. node	-4576 Apr 20 j 05:17	12°♍06'49	
evening rise	-4579 Nov 26 j 07:44	11°♍28'30			-4576 May 13 j 16:11	0°♌	
	-4579 Dec 11 j 04:44	0°♌		morning max el	-4576 May 20 j 00:51	5°♌55'02	45°53'38
	-4578 Jan 04 j 10:15	0°♌			-4576 Jun 12 j 12:50	0°Υ	
	-4578 Jan 28 j 21:21	0°♍			-4576 Jul 09 j 05:26	0°♄	
	-4578 Feb 22 j 16:56	0°♌			-4576 Aug 03 j 12:21	0°♂	
asc. node	-4578 Feb 24 j 03:27	1°♌43'20		asc. node	-4576 Aug 11 j 01:07	9°♂08'48	
	-4578 Mar 20 j 01:31	0°Υ			-4576 Aug 27 j 23:52	0°☿	
	-4578 Apr 15 j 06:52	0°♄			-4576 Sep 21 j 00:26	0°♂	
	-4578 May 13 j 04:07	0°♂			-4576 Oct 14 j 20:32	0°♍	
evening max el	-4578 May 24 j 08:47	11°♂06'06	45°44'12		-4576 Nov 07 j 16:48	0°♌	
	-4578 Jun 15 j 10:25	0°☿		morning set	-4576 Nov 19 j 18:35	15°♌08'23	
desc. node	-4578 Jun 16 j 01:59	0°☿27'56		desc. node	-4576 Nov 30 j 22:50	29°♌07'10	
greatest brilliancy	-4578 Jul 01 j 18:56	9°☿14'39	-4.6m		-4576 Dec 01 j 15:45	0°♍	
retrograde	-4578 Jul 12 j 13:14	11°☿19'36			-4576 Dec 25 j 17:59	0°♌	
evening set	-4578 Jul 29 j 22:03	5°☿45'23					
inferior conj	-4578 Aug 02 j 11:54	3°☿37'50	-8°-35'-2	superior conj	-4576 Dec 31 j 15:08	7°♌18'04	-1°-2'-47
minimum elong	-4578 Aug 02 j 06:13	3°☿46'26	8°34'21	minimum elong	-4576 Dec 31 j 04:23	6°♌44'44	1°02'41
min. Earth dist.	-4578 Aug 02 j 19:08	3°☿26'53	0.27271 AU	max. Earth dist.	-4575 Jan 04 j 12:06	12°♌06'13	1.72457 AU
morning rise	-4578 Aug 05 j 14:09	1°☿46'33			-4575 Jan 18 j 23:09	0°♌	
	-4578 Aug 08 j 17:52	30°♍		evening rise	-4575 Feb 08 j 20:43	25°♌46'43	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4575 Feb 12 j 07:04	0°♊			-4573 Aug 14 j 19:25	0°♊		
	-4575 Mar 08 j 18:14	0°♋		asc. node	-4573 Sep 08 j 12:43	27°♊58'32		
asc. node	-4575 Mar 23 j 15:45	18°♋09'54			-4573 Sep 10 j 06:08	0°♌		
	-4575 Apr 02 j 09:34	0°♍			-4573 Oct 05 j 05:32	0°♍		
	-4575 Apr 27 j 06:17	0°♎			-4573 Oct 29 j 14:09	0°♎		
	-4575 May 22 j 10:17	0°♏			-4573 Nov 22 j 18:20	0°♏		
	-4575 Jun 17 j 01:45	0°♐			-4573 Dec 16 j 23:12	0°♐		
desc. node	-4575 Jul 13 j 13:25	29°♐54'35		desc. node	-4573 Dec 29 j 11:08	15°♐26'50		
	-4575 Jul 13 j 15:23	0°♑			-4572 Jan 10 j 06:20	0°♑		
evening max el	-4575 Aug 06 j 03:51	24°♑44'16	47°14'09		-4572 Feb 03 j 15:24	0°♒		
	-4575 Aug 11 j 13:35	0°♒		morning set	-4572 Feb 04 j 05:05	0°♒42'03		
greatest brilliancy	-4575 Sep 14 j 17:27	25°♒06'26	-4.7m		-4572 Feb 28 j 01:30	0°♓		
retrograde	-4575 Sep 25 j 17:15	27°♒22'36						
evening set	-4575 Oct 11 j 02:14	22°♒41'22		superior conj	-4572 Mar 12 j 20:01	16°♓54'18	-1°-13'-13	
inferior conj	-4575 Oct 16 j 06:23	19°♒37'03	-4°-27'-41	minimum elong	-4572 Mar 13 j 03:25	17°♓17'00	1°13'14	
minimum elong	-4575 Oct 16 j 15:23	19°♒23'19	4°25'05	max. Earth dist.	-4572 Mar 12 j 22:31	17°♓01'56	1.73667 AU	
min. Earth dist.	-4575 Oct 16 j 04:09	19°♒40'28	0.26408 AU		-4572 Mar 23 j 12:02	0°♈		
morning rise	-4575 Oct 22 j 04:41	16°♒08'54			-4572 Apr 16 j 22:42	0°♉		
asc. node	-4575 Nov 03 j 09:06	12°♒07'24		evening rise	-4572 Apr 18 j 02:10	1°♉24'18		
direct	-4575 Nov 05 j 11:36	12°♒01'52		asc. node	-4572 Apr 20 j 04:21	3°♉58'16		
greatest brilliancy	-4575 Nov 17 j 06:17	14°♒39'24	-4.7m	greatest brilliancy	-4572 Apr 23 j 03:12	7°♉35'42	-3.9m	
	-4575 Dec 09 j 23:50	0°♊			-4572 May 11 j 09:24	0°♋		
morning max el	-4575 Dec 25 j 16:46	14°♊43'03	46°31'19		-4572 Jun 04 j 20:25	0°♌		
	-4574 Jan 09 j 10:38	0°♍			-4572 Jun 29 j 08:46	0°♍		
	-4574 Feb 05 j 13:42	0°♎			-4572 Jul 24 j 00:34	0°♎		
desc. node	-4574 Feb 23 j 08:52	20°♎23'58		desc. node	-4572 Aug 10 j 01:15	20°♎31'27		
	-4574 Mar 03 j 15:23	0°♏			-4572 Aug 17 j 23:27	0°♏		
	-4574 Mar 29 j 03:55	0°♐			-4572 Sep 12 j 12:10	0°♐		
	-4574 Apr 23 j 06:57	0°♑			-4572 Oct 09 j 08:33	0°♑		
	-4574 May 18 j 01:44	0°♒		evening max el	-4572 Oct 17 j 08:35	8°♑22'37	47°27'26	
	-4574 Jun 11 j 12:51	0°♓			-4572 Nov 09 j 21:34	0°♒		
asc. node	-4574 Jun 16 j 03:08	5°♓40'36		greatest brilliancy	-4572 Nov 23 j 14:34	8°♒50'18	-4.7m	
morning set	-4574 Jun 22 j 01:36	13°♓01'40		asc. node	-4572 Nov 30 j 20:29	11°♓33'01		
	-4574 Jul 05 j 17:08	0°♊		retrograde	-4572 Dec 07 j 10:51	12°♓24'42		
max. Earth dist.	-4574 Jul 25 j 13:22	24°♊49'55	1.71576 AU	evening set	-4572 Dec 23 j 02:27	7°♓27'54		
				min. Earth dist.	-4572 Dec 27 j 08:54	4°♓49'59	0.27912 AU	
superior conj	-4574 Jul 29 j 03:25	29°♊19'57	1°18'30	inferior conj	-4572 Dec 28 j 10:48	4°♓08'38	6°03'26	
minimum elong	-4574 Jul 28 j 21:09	29°♊00'17	1°18'37	minimum elong	-4572 Dec 28 j 01:37	4°♓23'19	6°01'20	
	-4574 Jul 29 j 16:10	0°♌		morning rise	-4571 Jan 02 j 01:31	1°♓16'58		
	-4574 Aug 22 j 12:26	0°♍			-4571 Jan 04 j 08:26	30°♌		
evening rise	-4574 Sep 06 j 01:04	18°♍17'11		direct	-4571 Jan 18 j 07:07	26°♌07'15		
	-4574 Sep 15 j 08:35	0°♎		greatest brilliancy	-4571 Jan 28 j 21:22	28°♌11'01	-4.5m	
desc. node	-4574 Oct 05 j 23:53	25°♎53'25			-4571 Feb 02 j 02:34	0°♏		
	-4574 Oct 09 j 06:41	0°♏		morning max el	-4571 Mar 08 j 03:40	26°♏15'50	45°56'29	
	-4574 Nov 02 j 08:04	0°♐			-4571 Mar 12 j 00:17	0°♑		
	-4574 Nov 26 j 14:09	0°♑		desc. node	-4571 Mar 22 j 20:15	10°♑55'25		
	-4574 Dec 21 j 03:55	0°♒			-4571 Apr 09 j 17:11	0°♓		
	-4573 Jan 15 j 07:48	0°♓			-4571 May 06 j 08:51	0°♈		
asc. node	-4573 Jan 26 j 17:28	13°♓13'13			-4571 May 31 j 23:48	0°♉		
	-4573 Feb 10 j 15:09	0°♋			-4571 Jun 25 j 22:06	0°♊		
evening max el	-4573 Mar 11 j 09:15	29°♋49'24	45°06'26	asc. node	-4571 Jul 13 j 15:16	21°♋43'29		
	-4573 Mar 11 j 13:41	0°♍			-4571 Jul 20 j 07:48	0°♌		
greatest brilliancy	-4573 Apr 14 j 22:25	25°♍40'47	-4.5m	greatest brilliancy	-4571 Aug 07 j 07:23	22°♌25'23	-3.9m	
retrograde	-4573 Apr 28 j 11:18	28°♍50'14			-4571 Aug 13 j 08:21	0°♍		
evening set	-4573 May 13 j 08:45	24°♍38'07		morning set	-4571 Sep 01 j 10:51	24°♍03'51		
desc. node	-4573 May 18 j 16:44	21°♍32'00			-4571 Sep 06 j 03:38	0°♎		
inferior conj	-4573 May 19 j 19:27	20°♍50'52	0°-15'-32		-4571 Sep 29 j 21:26	0°♏		
minimum elong	-4573 May 19 j 18:53	20°♍51'45	0°15'20					
transit middle	-4573 May 19 j 18:53	20°♍51'45	0°15'20	superior conj	-4571 Oct 11 j 23:36	15°♏15'31	0°47'21	
transit begin	-4573 May 19 j 17:33	20°♍53'49		minimum elong	-4571 Oct 12 j 10:23	15°♏49'29	0°46'59	
transit end	-4573 May 19 j 20:13	20°♍49'42		max. Earth dist.	-4571 Oct 15 j 15:25	19°♏52'09	1.70927 AU	
min. Earth dist.	-4573 May 20 j 11:02	20°♍26'51	0.28589 AU		-4571 Oct 23 j 16:36	0°♐		
morning rise	-4573 May 26 j 04:21	17°♍04'30		desc. node	-4571 Nov 02 j 12:31	12°♐21'00		
direct	-4573 Jun 10 j 12:50	12°♍36'48			-4571 Nov 16 j 14:39	0°♑		
greatest brilliancy	-4573 Jun 25 j 05:13	16°♍22'28	-4.5m	evening rise	-4571 Nov 23 j 16:56	8°♑51'47		
	-4573 Jul 15 j 04:58	0°♎			-4571 Dec 10 j 16:11	0°♒		
morning max el	-4573 Jul 30 j 07:15	13°♎54'02	46°25'22		-4570 Jan 03 j 21:48	0°♓		

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4570 Jan 28 j 09:08	0°♊			-4568 Jul 08 j 19:19	0°♋		
	-4570 Feb 22 j 05:12	0°♌			-4568 Aug 03 j 01:03	0°♍		
asc. node	-4570 Feb 23 j 05:33	1°♌12'46		asc. node	-4568 Aug 10 j 03:13	8°♍37'14		
	-4570 Mar 19 j 14:46	0°♎			-4568 Aug 27 j 11:57	0°♏		
	-4570 Apr 14 j 22:07	0°♐			-4568 Sep 20 j 12:11	0°♑		
	-4570 May 13 j 00:21	0°♒			-4568 Oct 14 j 08:05	0°♓		
evening max el	-4570 May 21 j 21:43	8°♒45'15	45°41'37		-4568 Nov 07 j 04:15	0°♈		
desc. node	-4570 Jun 15 j 04:03	29°♒11'15		morning set	-4568 Nov 17 j 04:22	12°♈32'56		
	-4570 Jun 16 j 08:53	0°♈		desc. node	-4568 Nov 30 j 00:53	28°♈38'01		
greatest brilliancy	-4570 Jun 29 j 04:52	6°♈49'04	-4.5m		-4568 Dec 01 j 03:08	0°♉		
retrograde	-4570 Jul 10 j 01:56	8°♈56'48			-4568 Dec 25 j 05:17	0°♊		
evening set	-4570 Jul 27 j 07:10	3°♈27'21						
inferior conj	-4570 Jul 31 j 00:56	1°♈14'23	-8°-27'-46	superior conj	-4568 Dec 29 j 02:46	4°♊50'13	-1°00'-18	
minimum elong	-4570 Jul 30 j 18:29	1°♈24'07	8°26'56	minimum elong	-4568 Dec 28 j 15:52	4°♊16'25	1°00'09	
min. Earth dist.	-4570 Jul 31 j 08:05	1°♈03'36	0.27318 AU	max. Earth dist.	-4567 Jan 02 j 02:11	9°♊46'14	1.72402 AU	
	-4570 Aug 02 j 02:24	30°♒♒			-4567 Jan 18 j 10:22	0°♋		
morning rise	-4570 Aug 03 j 05:35	29°♒19'47		evening rise	-4567 Feb 06 j 11:52	23°♋31'13		
direct	-4570 Aug 20 j 21:41	23°♒25'55			-4567 Feb 11 j 18:16	0°♌		
greatest brilliancy	-4570 Sep 03 j 16:20	26°♒52'22	-4.7m		-4567 Mar 08 j 05:32	0°♌		
	-4570 Sep 09 j 10:13	0°♈		asc. node	-4567 Mar 22 j 17:59	17°♌41'49		
asc. node	-4570 Oct 06 j 00:06	22°♈06'33			-4567 Apr 01 j 21:11	0°♎		
morning max el	-4570 Oct 10 j 15:39	26°♈47'11	46°51'32		-4567 Apr 26 j 18:28	0°♋		
	-4570 Oct 13 j 18:12	0°♑			-4567 May 21 j 23:23	0°♌		
	-4570 Nov 09 j 20:05	0°♓			-4567 Jun 16 j 16:27	0°♍		
	-4570 Dec 05 j 08:01	0°♈		desc. node	-4567 Jul 12 j 15:30	29°♍11'35		
	-4570 Dec 30 j 08:05	0°♉			-4567 Jul 13 j 09:16	0°♑		
desc. node	-4569 Jan 24 j 04:40	0°♊		evening max el	-4567 Aug 03 j 18:25	22°♑22'11	47°11'44	
	-4569 Jan 25 j 23:10	2°♊08'23			-4567 Aug 11 j 16:44	0°♓		
	-4569 Feb 17 j 23:49	0°♋		greatest brilliancy	-4567 Sep 12 j 07:03	22°♓37'38	-4.7m	
	-4569 Mar 14 j 17:13	0°♌		retrograde	-4567 Sep 23 j 05:59	24°♓52'09		
	-4569 Apr 08 j 08:04	0°♌		evening set	-4567 Oct 08 j 17:31	20°♓07'31		
morning set	-4569 Apr 13 j 21:31	6°♌47'53		inferior conj	-4567 Oct 13 j 18:41	17°♓07'18	-4°-48'-39	
	-4569 May 02 j 19:45	0°♎		minimum elong	-4567 Oct 14 j 04:10	16°♓52'50	4°46'00	
max. Earth dist.	-4569 May 16 j 01:18	16°♎17'06	1.73307 AU	min. Earth dist.	-4567 Oct 13 j 17:11	17°♓09'36	0.26405 AU	
asc. node	-4569 May 18 j 16:53	19°♎33'08		morning rise	-4567 Oct 19 j 15:01	13°♓42'03		
				asc. node	-4567 Nov 02 j 11:15	9°♓33'03		
superior conj	-4569 May 19 j 15:25	20°♎42'40	0°02'14	direct	-4567 Nov 03 j 00:42	9°♓32'40		
minimum elong	-4569 May 19 j 14:57	20°♎41'13	0°02'17	greatest brilliancy	-4567 Nov 14 j 19:10	12°♓10'25	-4.7m	
behind sun begin	-4569 May 18 j 17:04	19°♎33'43			-4567 Dec 10 j 07:47	0°♈		
behind sun end	-4569 May 20 j 12:50	21°♎48'44		morning max el	-4567 Dec 23 j 06:37	12°♈19'33	46°32'21	
	-4569 May 27 j 03:55	0°♋			-4566 Jan 09 j 05:24	0°♉		
	-4569 Jun 20 j 08:49	0°♌			-4566 Feb 05 j 04:42	0°♊		
evening rise	-4569 Jun 24 j 08:10	4°♌56'16		desc. node	-4566 Feb 22 j 11:00	19°♊50'33		
	-4569 Jul 14 j 11:27	0°♍			-4566 Mar 03 j 04:37	0°♋		
	-4569 Aug 07 j 13:30	0°♑			-4566 Mar 28 j 16:09	0°♌		
	-4569 Aug 31 j 17:05	0°♓			-4566 Apr 22 j 18:34	0°♌		
desc. node	-4569 Sep 07 j 13:33	8°♓28'57			-4566 May 17 j 13:01	0°♎		
	-4569 Sep 25 j 00:20	0°♈			-4566 Jun 10 j 23:59	0°♋		
	-4569 Oct 19 j 14:06	0°♉		asc. node	-4566 Jun 15 j 05:09	5°♋12'30		
	-4569 Nov 13 j 16:16	0°♊		morning set	-4566 Jun 19 j 18:57	10°♋52'20		
	-4569 Dec 09 j 22:07	0°♋			-4566 Jul 05 j 04:13	0°♌		
evening max el	-4569 Dec 28 j 01:29	19°♋07'38	46°05'49	max. Earth dist.	-4566 Jul 22 j 22:39	22°♌13'39	1.71634 AU	
asc. node	-4569 Dec 29 j 07:54	20°♋23'09						
	-4568 Jan 08 j 12:05	0°♌		superior conj	-4566 Jul 26 j 18:54	27°♌03'00	1°17'13	
greatest brilliancy	-4568 Jan 31 j 12:32	16°♌42'08	-4.5m	minimum elong	-4566 Jul 26 j 12:07	26°♌41'43	1°17'20	
retrograde	-4568 Feb 15 j 15:40	20°♌46'15			-4566 Jul 29 j 03:18	0°♍		
evening set	-4568 Mar 04 j 02:55	14°♌53'11			-4566 Aug 21 j 23:39	0°♑		
inferior conj	-4568 Mar 08 j 02:20	12°♌23'56	7°33'05	evening rise	-4566 Sep 03 j 12:19	15°♑46'03		
minimum elong	-4568 Mar 08 j 08:47	12°♌13'40	7°32'13		-4566 Sep 14 j 19:55	0°♓		
min. Earth dist.	-4568 Mar 08 j 09:00	12°♌13'21	0.29397 AU	desc. node	-4566 Oct 05 j 02:06	25°♓24'32		
morning rise	-4568 Mar 12 j 14:42	9°♌35'03			-4566 Oct 08 j 18:09	0°♈		
direct	-4568 Mar 29 j 19:20	3°♌56'12			-4566 Nov 01 j 19:43	0°♉		
greatest brilliancy	-4568 Apr 11 j 20:48	6°♌55'36	-4.5m		-4566 Nov 26 j 02:04	0°♊		
desc. node	-4568 Apr 19 j 07:34	10°♌47'51			-4566 Dec 20 j 16:20	0°♋		
	-4568 May 13 j 17:10	0°♌			-4565 Jan 14 j 21:16	0°♌		
morning max el	-4568 May 17 j 18:11	3°♌47'52	45°53'03	asc. node	-4565 Jan 25 j 19:34	12°♌38'28		
	-4568 Jun 12 j 05:23	0°♎			-4565 Feb 10 j 07:00	0°♌		

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 69

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4561 Dec 09 j 15:11	0°☾				-4558 Jul 04 j 15:00	0°☿	
evening max el	-4561 Dec 25 j 18:04	16°☾56'06	46°09'00	max. Earth dist.	-4558 Jul 20 j 11:04	19°☿48'14	1.71698 AU	
asc. node	-4561 Dec 28 j 10:05	19°☾34'28						
	-4560 Jan 08 j 15:49	0°☿		superior conj	-4558 Jul 24 j 10:52	24°☿48'32	1°15'51	
greatest brilliancy	-4560 Jan 29 j 06:19	14°☿35'37	-4.5m	minimum elong	-4558 Jul 24 j 03:38	24°☿25'52	1°15'56	
retrograde	-4560 Feb 13 j 09:32	18°☿39'28			-4558 Jul 28 j 14:08	0°☿		
evening set	-4560 Mar 01 j 21:52	12°☿43'30			-4558 Aug 21 j 10:39	0°☿		
inferior conj	-4560 Mar 05 j 19:31	10°☿16'39	7°40'16	evening rise	-4558 Aug 31 j 23:57	13°☿16'45		
minimum elong	-4560 Mar 06 j 01:29	10°☿07'08	7°39'31		-4558 Sep 14 j 07:06	0°☿		
min. Earth dist.	-4560 Mar 06 j 00:30	10°☿08'43	0.29384 AU	desc. node	-4558 Oct 04 j 04:05	24°☿55'13		
morning rise	-4560 Mar 10 j 05:13	7°☿31'46			-4558 Oct 08 j 05:32	0°☿		
direct	-4560 Mar 27 j 12:40	1°☿49'24			-4558 Nov 01 j 07:18	0°☿		
greatest brilliancy	-4560 Apr 09 j 10:20	4°☿45'28	-4.5m		-4558 Nov 25 j 13:56	0°☿		
desc. node	-4560 Apr 18 j 09:34	9°☿32'31			-4558 Dec 20 j 04:44	0°☿		
	-4560 May 13 j 16:19	0°☿			-4557 Jan 14 j 10:44	0°☿		
morning max el	-4560 May 15 j 11:13	1°☿41'38	45°52'25	asc. node	-4557 Jan 24 j 21:48	12°☿04'16		
	-4560 Jun 11 j 21:08	0°☿			-4557 Feb 09 j 22:59	0°☿		
	-4560 Jul 08 j 08:40	0°☿		evening max el	-4557 Mar 06 j 14:51	25°☿23'42	45°07'28	
	-4560 Aug 02 j 13:21	0°☿			-4557 Mar 11 j 13:01	0°☿		
asc. node	-4560 Aug 09 j 05:27	8°☿07'07		greatest brilliancy	-4557 Apr 10 j 03:03	21°☿18'23	-4.5m	
	-4560 Aug 26 j 23:43	0°☿		retrograde	-4557 Apr 23 j 17:30	24°☿31'03		
	-4560 Sep 19 j 23:39	0°☿		evening set	-4557 May 08 j 17:54	20°☿15'47		
	-4560 Oct 13 j 19:22	0°☿		inferior conj	-4557 May 15 j 03:09	16°☿30'24	0°24'13	
	-4560 Nov 06 j 15:25	0°☿		minimum elong	-4557 May 15 j 04:02	16°☿29'01	0°24'01	
morning set	-4560 Nov 14 j 14:03	9°☿58'02		min. Earth dist.	-4557 May 15 j 20:15	16°☿03'58	0.28675 AU	
desc. node	-4560 Nov 29 j 02:56	28°☿09'50		desc. node	-4557 May 16 j 20:54	15°☿25'59		
	-4560 Nov 30 j 14:12	0°☿		morning rise	-4557 May 21 j 13:21	12°☿41'12		
	-4560 Dec 24 j 16:15	0°☿		direct	-4557 Jun 05 j 20:15	8°☿14'30		
				greatest brilliancy	-4557 Jun 20 j 13:14	11°☿58'59	-4.5m	
superior conj	-4560 Dec 26 j 14:11	2°☿22'38	0°-57'-40		-4557 Jul 15 j 15:05	0°☿		
minimum elong	-4560 Dec 26 j 03:13	1°☿48'36	0°57'30	morning max el	-4557 Jul 25 j 11:42	9°☿17'42	46°22'50	
max. Earth dist.	-4560 Dec 30 j 18:21	7°☿33'33	1.72344 AU		-4557 Aug 14 j 06:26	0°☿		
	-4559 Jan 17 j 21:15	0°☿		asc. node	-4557 Sep 06 j 17:07	26°☿46'01		
evening rise	-4559 Feb 04 j 03:01	21°☿16'35			-4557 Sep 09 j 10:52	0°☿		
	-4559 Feb 11 j 05:08	0°☿			-4557 Oct 04 j 07:35	0°☿		
	-4559 Mar 07 j 16:31	0°☿			-4557 Oct 28 j 14:47	0°☿		
asc. node	-4559 Mar 21 j 20:07	17°☿14'32			-4557 Nov 21 j 18:04	0°☿		
	-4559 Apr 01 j 08:26	0°☿			-4557 Dec 15 j 22:15	0°☿		
	-4559 Apr 26 j 06:16	0°☿		desc. node	-4557 Dec 27 j 15:23	14°☿29'39		
	-4559 May 21 j 12:08	0°☿			-4556 Jan 09 j 04:49	0°☿		
	-4559 Jun 16 j 06:54	0°☿		morning set	-4556 Jan 30 j 09:55	26°☿07'42		
desc. node	-4559 Jul 11 j 17:39	28°☿29'14			-4556 Feb 02 j 13:27	0°☿		
	-4559 Jul 13 j 03:11	0°☿			-4556 Feb 26 j 23:17	0°☿		
evening max el	-4559 Aug 01 j 08:18	19°☿59'03	47°08'51					
	-4559 Aug 11 j 21:19	0°☿		superior conj	-4556 Mar 08 j 07:17	12°☿41'21	-1°-16'-1	
greatest brilliancy	-4559 Sep 09 j 21:19	20°☿09'36	-4.7m	minimum elong	-4556 Mar 08 j 13:56	13°☿01'47	1°16'05	
retrograde	-4559 Sep 20 j 17:56	22°☿21'15		max. Earth dist.	-4556 Mar 08 j 13:20	12°☿59'53	1.73628 AU	
evening set	-4559 Oct 06 j 08:40	17°☿33'16			-4556 Mar 22 j 09:44	0°☿		
inferior conj	-4559 Oct 11 j 06:43	14°☿37'18	-5°-9'-16	evening rise	-4556 Apr 13 j 16:15	27°☿19'43		
minimum elong	-4559 Oct 11 j 16:37	14°☿22'11	5°06'34		-4556 Apr 15 j 20:31	0°☿		
min. Earth dist.	-4559 Oct 11 j 06:15	14°☿38'01	0.26405 AU	asc. node	-4556 Apr 18 j 08:30	3°☿03'58		
morning rise	-4559 Oct 17 j 00:44	11°☿15'03		greatest brilliancy	-4556 Apr 22 j 08:45	7°☿59'12	-3.9m	
direct	-4559 Oct 31 j 13:04	7°☿03'05			-4556 May 10 j 07:34	0°☿		
asc. node	-4559 Nov 01 j 13:19	7°☿04'20			-4556 Jun 03 j 19:14	0°☿		
greatest brilliancy	-4559 Nov 12 j 08:19	9°☿41'26	-4.7m		-4556 Jun 28 j 08:37	0°☿		
	-4559 Dec 10 j 13:24	0°☿			-4556 Jul 23 j 01:56	0°☿		
morning max el	-4559 Dec 20 j 19:15	9°☿53'05	46°33'34	desc. node	-4556 Aug 08 j 05:36	19°☿24'35		
	-4558 Jan 08 j 23:31	0°☿			-4556 Aug 17 j 03:04	0°☿		
	-4558 Feb 04 j 19:17	0°☿			-4556 Sep 11 j 19:44	0°☿		
desc. node	-4558 Feb 21 j 13:11	19°☿18'09			-4556 Oct 09 j 01:22	0°☿		
	-4558 Mar 02 j 17:30	0°☿		evening max el	-4556 Oct 12 j 12:59	3°☿36'02	47°30'29	
	-4558 Mar 28 j 04:03	0°☿			-4556 Nov 11 j 16:01	0°☿		
	-4558 Apr 22 j 05:54	0°☿		greatest brilliancy	-4556 Nov 19 j 01:50	4°☿15'28	-4.7m	
	-4558 May 17 j 00:01	0°☿		asc. node	-4556 Nov 29 j 00:46	7°☿29'07		
	-4558 Jun 10 j 10:48	0°☿		retrograde	-4556 Dec 02 j 17:22	7°☿45'47		
asc. node	-4558 Jun 14 j 07:22	4°☿45'57		evening set	-4556 Dec 18 j 03:54	2°☿57'00		
morning set	-4558 Jun 17 j 12:47	8°☿45'31		min. Earth dist.	-4556 Dec 22 j 15:22	0°☿12'40	0.27757 AU	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4536 Sep 18 j 10:24	0°Ω		greatest brilliancy	-4533 Apr 02 j 17:36	14°Υ40'29	-4.5m
	-4536 Oct 12 j 05:40	0°η		retrograde	-4533 Apr 16 j 17:54	18°Υ04'11	
	-4536 Nov 05 j 01:25	0°♁		evening set	-4533 May 01 j 21:13	13°Υ41'54	
morning set	-4536 Nov 06 j 19:15	2°♁11'24		inferior conj	-4533 May 08 j 03:08	10°Υ00'29	1°22'56
desc. node	-4536 Nov 26 j 09:14	26°♁44'05		minimum elong	-4533 May 08 j 06:08	9°Υ55'51	1°22'07
	-4536 Nov 28 j 23:55	0°♌		min. Earth dist.	-4533 May 08 j 21:01	9°Υ32'51	0.28811 AU
				desc. node	-4533 May 14 j 03:19	6°Υ25'07	
superior conj	-4536 Dec 18 j 23:34	24°♌55'03	0°-49'-2	morning rise	-4533 May 14 j 14:22	6°Υ09'56	
minimum elong	-4536 Dec 18 j 13:00	24°♌22'14	0°48'49	direct	-4533 May 29 j 21:15	1°Υ41'45	
	-4536 Dec 23 j 01:40	0°♊		greatest brilliancy	-4533 Jun 13 j 15:55	5°Υ28'45	-4.5m
max. Earth dist.	-4536 Dec 23 j 15:46	0°♊43'47	1.72160 AU		-4533 Jul 15 j 18:46	0°♋	
	-4535 Jan 16 j 06:28	0°♌		morning max el	-4533 Jul 18 j 12:31	2°♋39'22	46°18'58
evening rise	-4535 Jan 27 j 23:04	14°♌26'09			-4533 Aug 13 j 08:39	0°♍	
	-4535 Feb 09 j 14:24	0°♎		asc. node	-4533 Sep 03 j 23:34	24°♍57'53	
	-4535 Mar 06 j 02:12	0°♏			-4533 Sep 08 j 05:13	0°♎	
asc. node	-4535 Mar 19 j 02:29	15°♏50'17			-4533 Oct 02 j 22:23	0°Ω	
	-4535 Mar 30 j 19:07	0°Υ			-4533 Oct 27 j 03:41	0°η	
	-4535 Apr 24 j 18:45	0°♋			-4533 Nov 20 j 05:42	0°♁	
	-4535 May 20 j 03:46	0°♍			-4533 Dec 14 j 08:55	0°♌	
	-4535 Jun 15 j 04:10	0°♎		desc. node	-4533 Dec 24 j 21:42	13°♌02'58	
desc. node	-4535 Jul 09 j 00:03	26°♎16'28			-4532 Jan 07 j 14:43	0°♊	
	-4535 Jul 12 j 12:31	0°Ω		morning set	-4532 Jan 23 j 03:22	19°♊08'59	
evening max el	-4535 Jul 24 j 20:49	12°Ω35'56	47°00'13		-4532 Jan 31 j 22:46	0°♌	
	-4535 Aug 13 j 01:49	0°η			-4532 Feb 25 j 08:12	0°♎	
greatest brilliancy	-4535 Sep 02 j 17:04	12°η45'25	-4.7m				
retrograde	-4535 Sep 13 j 04:28	14°η48'44		superior conj	-4532 Mar 01 j 11:14	6°♎18'01	-1°-19'-25
evening set	-4535 Sep 29 j 06:33	9°η48'18		minimum elong	-4532 Mar 01 j 16:29	6°♎34'08	1°19'33
inferior conj	-4535 Oct 03 j 19:00	7°η06'55	-6°-6'-47	max. Earth dist.	-4532 Mar 02 j 02:10	7°♎03'54	1.73559 AU
minimum elong	-4535 Oct 04 j 05:40	6°η50'40	6°04'10		-4532 Mar 20 j 18:29	0°♏	
min. Earth dist.	-4535 Oct 03 j 22:30	7°η01'36	0.26430 AU	evening rise	-4532 Apr 07 j 01:18	21°♏12'25	
morning rise	-4535 Oct 09 j 04:40	3°η55'52			-4532 Apr 14 j 05:26	0°Υ	
	-4535 Oct 19 j 06:55	30°♌Ω		asc. node	-4532 Apr 15 j 14:52	1°Υ42'27	
direct	-4535 Oct 24 j 00:21	29°Ω32'08		greatest brilliancy	-4532 Apr 25 j 07:59	13°Υ36'38	-3.9m
	-4535 Oct 28 j 20:25	0°η			-4532 May 08 j 17:07	0°♋	
asc. node	-4535 Oct 29 j 19:49	0°η12'05			-4532 Jun 02 j 05:56	0°♍	
greatest brilliancy	-4535 Nov 05 j 04:12	2°η18'21	-4.7m		-4532 Jun 26 j 21:01	0°♎	
	-4535 Dec 10 j 20:42	0°♁			-4532 Jul 21 j 16:47	0°Ω	
morning max el	-4535 Dec 13 j 09:19	2°♁31'12	46°37'23	desc. node	-4532 Aug 05 j 11:56	17°Ω41'33	
	-4534 Jan 08 j 04:00	0°♌			-4532 Aug 15 j 21:42	0°η	
	-4534 Feb 03 j 14:32	0°♊			-4532 Sep 10 j 21:19	0°♁	
desc. node	-4534 Feb 18 j 19:33	17°♊39'46		evening max el	-4532 Oct 05 j 12:33	26°♁37'53	47°34'18
	-4534 Mar 01 j 08:09	0°♌			-4532 Oct 08 j 20:38	0°♌	
	-4534 Mar 26 j 16:03	0°♎		greatest brilliancy	-4532 Nov 12 j 04:09	27°♌16'30	-4.7m
	-4534 Apr 20 j 16:20	0°♏			-4532 Nov 19 j 18:28	0°♊	
	-4534 May 15 j 09:31	0°Υ		retrograde	-4532 Nov 25 j 16:49	0°♊42'17	
	-4534 Jun 08 j 19:52	0°♋		asc. node	-4532 Nov 26 j 07:16	0°♊41'50	
morning set	-4534 Jun 10 j 18:17	2°♋23'23			-4532 Dec 01 j 10:58	30°♌♌	
asc. node	-4534 Jun 11 j 13:45	3°♋23'33		evening set	-4532 Dec 10 j 18:09	26°♌04'06	
	-4534 Jul 02 j 23:58	0°♍		min. Earth dist.	-4532 Dec 15 j 11:00	23°♌12'40	0.27522 AU
max. Earth dist.	-4534 Jul 13 j 09:26	12°♍58'55	1.71885 AU	inferior conj	-4532 Dec 16 j 13:30	22°♌30'45	4°43'56
				minimum elong	-4532 Dec 16 j 04:56	22°♌44'18	4°41'35
superior conj	-4534 Jul 17 j 11:03	18°♍04'27	1°11'00	morning rise	-4532 Dec 21 j 16:41	19°♌22'52	
minimum elong	-4534 Jul 17 j 02:46	17°♍38'30	1°11'01	direct	-4531 Jan 06 j 05:24	14°♌35'28	
	-4534 Jul 26 j 23:20	0°♎		greatest brilliancy	-4531 Jan 16 j 19:21	16°♌40'30	-4.6m
	-4534 Aug 19 j 20:15	0°Ω			-4531 Feb 07 j 07:55	0°♊	
evening rise	-4534 Aug 24 j 12:22	5°Ω52'30		morning max el	-4531 Feb 24 j 07:17	15°♊06'53	46°01'06
	-4534 Sep 12 j 17:13	0°η			-4531 Mar 11 j 03:47	0°♌	
desc. node	-4534 Oct 01 j 10:22	23°η26'56		desc. node	-4531 Mar 18 j 06:57	7°♌30'22	
	-4534 Oct 06 j 16:11	0°♁			-4531 Apr 07 j 20:20	0°♎	
	-4534 Oct 30 j 18:35	0°♌			-4531 May 04 j 02:10	0°♏	
	-4534 Nov 24 j 02:10	0°♊			-4531 May 29 j 12:10	0°Υ	
	-4534 Dec 18 j 18:41	0°♌			-4531 Jun 23 j 07:49	0°♋	
	-4533 Jan 13 j 04:17	0°♎		asc. node	-4531 Jul 09 j 01:58	19°♋21'16	
asc. node	-4533 Jan 22 j 04:15	10°♎18'14			-4531 Jul 17 j 16:11	0°♍	
	-4533 Feb 09 j 01:07	0°♏		greatest brilliancy	-4531 Aug 09 j 11:59	28°♍31'15	-3.9m
evening max el	-4533 Feb 27 j 12:36	18°♏48'12	45°10'12		-4531 Aug 10 j 16:14	0°♎	
	-4533 Mar 11 j 22:08	0°Υ		morning set	-4531 Aug 20 j 03:35	11°♎55'21	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4531 Sep 03 j 11:26	0°♈		inferior conj	-4528 Feb 25 j 16:06	1°♌43'17	8°02'38
	-4531 Sep 27 j 05:19	0°♍		minimum elong	-4528 Feb 25 j 19:47	1°♌37'22	8°02'13
				min. Earth dist.	-4528 Feb 25 j 16:34	1°♌42'32	0.29312 AU
superior conj	-4531 Sep 28 j 23:48	2°♍14'04	1°02'14		-4528 Feb 28 j 09:01	30°♌	
minimum elong	-4531 Sep 29 j 11:10	2°♍49'55	1°01'59	morning rise	-4528 Feb 29 j 15:52	29°♌12'21	
max. Earth dist.	-4531 Oct 01 j 15:19	5°♍34'28	1.70849 AU	direct	-4528 Mar 18 j 06:52	23°♌17'46	
	-4531 Oct 21 j 00:38	0°♌		greatest brilliancy	-4528 Mar 30 j 17:30	26°♌01'14	-4.5m
desc. node	-4531 Oct 28 j 22:56	9°♌57'33			-4528 Apr 07 j 12:28	0°♌	
evening rise	-4531 Nov 10 j 14:03	25°♌47'16		desc. node	-4528 Apr 14 j 18:08	4°♌48'47	
	-4531 Nov 13 j 22:52	0°♍		morning max el	-4528 May 06 j 01:45	22°♌59'27	45°50'32
	-4531 Dec 08 j 00:39	0°♎			-4528 May 13 j 05:58	0°♎	
	-4530 Jan 01 j 06:48	0°♏			-4528 Jun 10 j 10:59	0°♎	
	-4530 Jan 25 j 19:22	0°♐			-4528 Jul 06 j 14:03	0°♏	
asc. node	-4530 Feb 18 j 16:15	28°♐42'59			-4528 Jul 31 j 14:45	0°♐	
	-4530 Feb 19 j 18:10	0°♑		asc. node	-4528 Aug 05 j 13:57	6°♐03'57	
	-4530 Mar 17 j 09:24	0°♒			-4528 Aug 24 j 23:03	0°♑	
	-4530 Apr 13 j 04:56	0°♓			-4528 Sep 17 j 21:54	0°♒	
evening max el	-4530 May 09 j 22:08	27°♓24'07	45°29'16		-4528 Oct 11 j 17:03	0°♓	
	-4530 May 12 j 16:16	0°♐		morning set	-4528 Nov 04 j 04:53	29°♓35'21	
desc. node	-4530 Jun 10 j 14:48	22°♐12'01			-4528 Nov 04 j 12:43	0°♑	
greatest brilliancy	-4530 Jun 16 j 10:14	24°♐52'13	-4.5m	desc. node	-4528 Nov 25 j 11:26	26°♑15'55	
retrograde	-4530 Jun 27 j 18:21	27°♐08'35			-4528 Nov 28 j 11:07	0°♒	
evening set	-4530 Jul 14 j 04:51	22°♐06'46					
inferior conj	-4530 Jul 18 j 18:54	19°♐24'17	-7°-38'-53	superior conj	-4528 Dec 16 j 10:27	22°♒25'08	0°-45'-56
minimum elong	-4530 Jul 18 j 09:34	19°♐38'24	7°37'15	minimum elong	-4528 Dec 16 j 00:11	21°♒53'11	0°45'42
min. Earth dist.	-4530 Jul 19 j 01:13	19°♐14'43	0.27530 AU	max. Earth dist.	-4528 Dec 21 j 02:34	28°♒13'48	1.72095 AU
morning rise	-4530 Jul 22 j 14:00	17°♐08'10			-4528 Dec 22 j 12:45	0°♑	
direct	-4530 Aug 08 j 20:41	11°♐32'12			-4527 Jan 15 j 17:28	0°♓	
greatest brilliancy	-4530 Aug 22 j 18:19	15°♐01'22	-4.6m	evening rise	-4527 Jan 25 j 13:38	12°♓09'11	
	-4530 Sep 13 j 03:34	0°♑			-4527 Feb 09 j 01:24	0°♒	
morning max el	-4530 Sep 28 j 11:37	14°♑38'17	46°49'50		-4527 Mar 05 j 13:21	0°♑	
asc. node	-4530 Oct 01 j 10:47	17°♑41'47		asc. node	-4527 Mar 18 j 04:33	15°♑22'19	
	-4530 Oct 12 j 21:51	0°♒			-4527 Mar 30 j 06:37	0°♒	
	-4530 Nov 08 j 01:49	0°♓			-4527 Apr 24 j 06:55	0°♓	
	-4530 Dec 03 j 04:26	0°♑			-4527 May 19 j 17:03	0°♐	
	-4530 Dec 27 j 23:19	0°♒			-4527 Jun 14 j 19:33	0°♑	
desc. node	-4529 Jan 21 j 09:46	29°♒39'30		desc. node	-4527 Jul 08 j 02:12	25°♑31'19	
	-4529 Jan 21 j 16:31	0°♑			-4527 Jul 12 j 08:36	0°♒	
	-4529 Feb 15 j 09:14	0°♓		evening max el	-4527 Jul 22 j 09:10	10°♒09'26	46°57'20
	-4529 Mar 12 j 00:53	0°♒			-4527 Aug 13 j 18:03	0°♓	
morning set	-4529 Apr 02 j 19:46	26°♒35'33		greatest brilliancy	-4527 Aug 31 j 05:45	10°♓15'42	-4.7m
	-4529 Apr 05 j 14:38	0°♑		retrograde	-4527 Sep 10 j 16:32	12°♓18'28	
	-4529 Apr 30 j 01:51	0°♒		evening set	-4527 Sep 26 j 21:51	7°♓13'02	
max. Earth dist.	-4529 May 05 j 11:05	6°♒37'17	1.73489 AU	inferior conj	-4527 Oct 01 j 07:00	4°♓36'47	-6°-24'-31
				minimum elong	-4527 Oct 01 j 17:45	4°♓20'25	6°21'57
superior conj	-4529 May 08 j 14:47	10°♒30'11	0°-12'-54	min. Earth dist.	-4527 Oct 01 j 11:20	4°♓30'11	0.26449 AU
minimum elong	-4529 May 08 j 17:16	10°♒37'51	0°12'47	morning rise	-4527 Oct 06 j 13:31	1°♓30'31	
behind sun begin	-4529 May 08 j 04:10	9°♒57'31			-4527 Oct 09 j 11:51	30°♒	
behind sun end	-4529 May 09 j 06:23	11°♒18'11		direct	-4527 Oct 21 j 12:42	27°♒01'36	
asc. node	-4529 May 14 j 03:29	17°♒18'48		asc. node	-4527 Oct 28 j 22:07	28°♒05'48	
	-4529 May 24 j 10:13	0°♓		greatest brilliancy	-4527 Nov 02 j 18:54	29°♒50'53	-4.7m
evening rise	-4529 Jun 13 j 05:02	24°♓28'57			-4527 Nov 03 j 03:11	0°♓	
	-4529 Jun 17 j 15:50	0°♐			-4527 Dec 10 j 20:29	0°♑	
	-4529 Jul 11 j 19:35	0°♑		morning max el	-4527 Dec 10 j 23:35	0°♑07'48	46°38'39
	-4529 Aug 04 j 23:10	0°♒			-4526 Jan 07 j 20:42	0°♒	
	-4529 Aug 29 j 04:44	0°♓			-4526 Feb 03 j 04:32	0°♑	
desc. node	-4529 Sep 03 j 00:02	5°♓55'34		desc. node	-4526 Feb 17 j 21:33	17°♑07'20	
	-4529 Sep 22 j 14:37	0°♑			-4526 Feb 28 j 20:43	0°♓	
	-4529 Oct 17 j 08:17	0°♒			-4526 Mar 26 j 03:48	0°♒	
	-4529 Nov 11 j 17:28	0°♑			-4526 Apr 20 j 03:35	0°♑	
	-4529 Dec 08 j 16:05	0°♓			-4526 May 14 j 20:30	0°♒	
evening max el	-4529 Dec 16 j 07:26	7°♓53'03	46°21'26		-4526 Jun 08 j 06:43	0°♓	
asc. node	-4529 Dec 24 j 18:44	16°♓07'46		morning set	-4526 Jun 08 j 12:30	0°♓17'52	
	-4528 Jan 10 j 08:47	0°♒		asc. node	-4526 Jun 10 j 15:53	2°♓56'36	
greatest brilliancy	-4528 Jan 20 j 06:12	6°♒05'07	-4.5m		-4526 Jul 02 j 10:49	0°♐	
retrograde	-4528 Feb 04 j 05:34	10°♒06'55		max. Earth dist.	-4526 Jul 11 j 00:48	10°♐42'53	1.71945 AU
evening set	-4528 Feb 21 j 23:48	4°♒02'43					

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4526 Jul 15 j 03:26	15° Π 51'22	1°09'11	direct	-4523 Jan 03 j 19:28	12° \mathbb{M} 15'48	
minimum elong	-4526 Jul 14 j 18:55	15° Π 24'44	1°09'09	greatest brilliancy	-4523 Jan 14 j 08:16	14° \mathbb{M} 19'56	-4.6m
	-4526 Jul 26 j 10:15	0° \mathfrak{S}			-4523 Feb 07 j 17:03	0° \mathfrak{A}	
	-4526 Aug 19 j 07:19	0° Ω		morning max el	-4523 Feb 21 j 21:31	12° \mathfrak{A} 50'41	46°02'03
evening rise	-4526 Aug 22 j 00:57	3° Ω 26'20			-4523 Mar 10 j 21:58	0° \mathfrak{C}	
	-4526 Sep 12 j 04:27	0° \mathbb{M}		desc. node	-4523 Mar 17 j 09:05	6° \mathfrak{C} 50'55	
desc. node	-4526 Sep 30 j 12:31	22° \mathbb{M} 58'04			-4523 Apr 07 j 10:40	0° \approx	
	-4526 Oct 06 j 03:37	0° $\underline{\mathfrak{A}}$			-4523 May 03 j 14:46	0° \mathfrak{H}	
	-4526 Oct 30 j 06:16	0° \mathbb{M}			-4523 May 28 j 23:52	0° \mathfrak{Y}	
	-4526 Nov 23 j 14:12	0° \mathfrak{A}			-4523 Jun 22 j 19:03	0° \mathfrak{B}	
	-4526 Dec 18 j 07:22	0° \mathfrak{C}		asc. node	-4523 Jul 08 j 04:03	18° \mathfrak{B} 53'25	
	-4525 Jan 12 j 18:15	0° \approx			-4523 Jul 17 j 03:13	0° Π	
asc. node	-4525 Jan 21 j 06:20	9° \approx 42'36		greatest brilliancy	-4523 Aug 09 j 14:39	29° Π 20'33	-3.9m
	-4525 Feb 08 j 18:17	0° \mathfrak{H}			-4523 Aug 10 j 03:12	0° \mathfrak{S}	
evening max el	-4525 Feb 25 j 05:09	16° \mathfrak{H} 40'10	45°11'23	morning set	-4523 Aug 17 j 17:00	9° \mathfrak{S} 31'53	
	-4525 Mar 12 j 04:29	0° \mathfrak{Y}			-4523 Sep 02 j 22:25	0° Ω	
greatest brilliancy	-4525 Mar 31 j 08:20	12° \mathfrak{Y} 31'25	-4.5m				
retrograde	-4525 Apr 14 j 10:16	15° \mathfrak{Y} 56'30		superior conj	-4523 Sep 26 j 09:56	29° Ω 39'48	1°04'48
evening set	-4525 Apr 29 j 14:54	11° \mathfrak{Y} 32'04		minimum elong	-4523 Sep 26 j 21:06	0° \mathbb{M} 14'59	1°04'34
inferior conj	-4525 May 05 j 19:21	7° \mathfrak{Y} 51'58	1°42'03		-4523 Sep 26 j 16:21	0° \mathbb{M}	
minimum elong	-4525 May 05 j 23:01	7° \mathfrak{Y} 46'19	1°41'02	max. Earth dist.	-4523 Sep 28 j 15:13	2° \mathbb{M} 27'53	1.70843 AU
min. Earth dist.	-4525 May 06 j 13:04	7° \mathfrak{Y} 24'33	0.28853 AU		-4523 Oct 20 j 11:43	0° $\underline{\mathfrak{A}}$	
morning rise	-4525 May 12 j 06:34	4° \mathfrak{Y} 01'17		desc. node	-4523 Oct 28 j 01:06	9° $\underline{\mathfrak{A}}$ 29'34	
desc. node	-4525 May 13 j 05:30	3° \mathfrak{Y} 30'43		evening rise	-4523 Nov 07 j 22:25	23° $\underline{\mathfrak{A}}$ 08'24	
	-4525 May 22 j 19:11	30° \mathfrak{R}			-4523 Nov 13 j 10:01	0° \mathbb{M}	
direct	-4525 May 27 j 14:27	29° \mathfrak{H} 32'41			-4523 Dec 07 j 11:51	0° \mathfrak{A}	
	-4525 Jun 01 j 12:19	0° \mathfrak{Y}			-4523 Dec 31 j 18:07	0° \mathfrak{C}	
greatest brilliancy	-4525 Jun 11 j 07:10	3° \mathfrak{Y} 17'56	-4.5m		-4522 Jan 25 j 06:59	0° \approx	
	-4525 Jul 15 j 17:25	0° \mathfrak{B}		asc. node	-4522 Feb 17 j 18:21	28° \approx 12'55	
morning max el	-4525 Jul 16 j 04:49	0° \mathfrak{B} 27'52	46°17'30		-4522 Feb 19 j 06:25	0° \mathfrak{H}	
	-4525 Aug 13 j 00:35	0° Π			-4522 Mar 16 j 22:58	0° \mathfrak{Y}	
asc. node	-4525 Sep 03 j 01:37	24° Π 22'37			-4522 Apr 12 j 21:22	0° \mathfrak{B}	
	-4525 Sep 07 j 18:53	0° \mathfrak{S}		evening max el	-4522 May 07 j 11:27	25° \mathfrak{B} 06'02	45°27'08
	-4525 Oct 02 j 11:00	0° Ω			-4522 May 12 j 17:30	0° Π	
	-4525 Oct 26 j 15:41	0° \mathbb{M}		desc. node	-4522 Jun 09 j 16:51	20° Π 40'13	
	-4525 Nov 19 j 17:19	0° $\underline{\mathfrak{A}}$		greatest brilliancy	-4522 Jun 13 j 21:52	22° Π 31'41	-4.5m
	-4525 Dec 13 j 20:15	0° \mathbb{M}		retrograde	-4522 Jun 25 j 07:01	24° Π 49'30	
desc. node	-4525 Dec 23 j 23:44	12° \mathbb{M} 34'25		evening set	-4522 Jul 11 j 14:26	19° Π 52'45	
	-4524 Jan 07 j 01:51	0° \mathfrak{A}		inferior conj	-4522 Jul 16 j 08:30	17° Π 04'50	-7°-26'-47
morning set	-4524 Jan 20 j 16:40	16° \mathfrak{A} 48'09		minimum elong	-4522 Jul 15 j 22:49	17° Π 19'30	7°24'59
	-4524 Jan 31 j 09:42	0° \mathfrak{C}		min. Earth dist.	-4522 Jul 16 j 15:15	16° Π 54'37	0.27573 AU
	-4524 Feb 24 j 18:59	0° \approx		morning rise	-4522 Jul 20 j 06:49	14° Π 43'59	
				direct	-4522 Aug 06 j 10:23	9° Π 11'42	
superior conj	-4524 Feb 28 j 04:09	4° \approx 09'24	-1°-20'-20	greatest brilliancy	-4522 Aug 20 j 10:41	12° Π 42'57	-4.6m
minimum elong	-4524 Feb 28 j 08:49	4° \approx 23'46	1°20'29		-4522 Sep 13 j 09:43	0° \mathfrak{S}	
max. Earth dist.	-4524 Feb 29 j 00:30	5° \approx 11'55	1.73529 AU	morning max el	-4522 Sep 26 j 00:14	12° \mathfrak{S} 10'55	46°49'16
	-4524 Mar 20 j 05:12	0° \mathfrak{H}		asc. node	-4522 Sep 30 j 13:06	16° \mathfrak{S} 52'43	
evening rise	-4524 Apr 04 j 20:09	19° \mathfrak{H} 10'08			-4522 Oct 12 j 15:59	0° Ω	
	-4524 Apr 13 j 16:12	0° \mathfrak{Y}			-4522 Nov 07 j 16:37	0° \mathbb{M}	
asc. node	-4524 Apr 14 j 17:07	1° \mathfrak{Y} 16'20			-4522 Dec 02 j 17:43	0° $\underline{\mathfrak{A}}$	
	-4524 May 08 j 04:06	0° \mathfrak{B}			-4522 Dec 27 j 11:42	0° \mathbb{M}	
	-4524 Jun 01 j 17:19	0° Π		desc. node	-4521 Jan 20 j 11:50	29° \mathbb{M} 09'59	
	-4524 Jun 26 j 09:01	0° \mathfrak{S}			-4521 Jan 21 j 04:17	0° \mathfrak{A}	
	-4524 Jul 21 j 05:40	0° Ω			-4521 Feb 14 j 20:33	0° \mathfrak{C}	
desc. node	-4524 Aug 04 j 13:54	17° Ω 06'57			-4521 Mar 11 j 11:53	0° \approx	
	-4524 Aug 15 j 12:00	0° \mathbb{M}		morning set	-4521 Mar 31 j 14:06	24° \approx 31'47	
	-4524 Sep 10 j 14:16	0° $\underline{\mathfrak{A}}$			-4521 Apr 05 j 01:26	0° \mathfrak{H}	
evening max el	-4524 Oct 03 j 04:37	24° $\underline{\mathfrak{A}}$ 19'16	47°35'09		-4521 Apr 29 j 12:36	0° \mathfrak{Y}	
	-4524 Oct 08 j 20:50	0° \mathbb{M}		max. Earth dist.	-4521 May 03 j 07:40	4° \mathfrak{Y} 39'56	1.73521 AU
greatest brilliancy	-4524 Nov 09 j 21:59	24° \mathbb{M} 57'53	-4.7m				
retrograde	-4524 Nov 23 j 07:54	28° \mathbb{M} 19'50		superior conj	-4521 May 06 j 09:50	8° \mathfrak{Y} 28'06	0°-15'-54
asc. node	-4524 Nov 25 j 09:23	28° \mathbb{M} 14'30		minimum elong	-4521 May 06 j 12:53	8° \mathfrak{Y} 37'29	0°15'44
evening set	-4524 Dec 08 j 06:54	23° \mathbb{M} 45'21		behind sun begin	-4521 May 06 j 11:08	8° \mathfrak{Y} 32'05	
min. Earth dist.	-4524 Dec 13 j 01:36	20° \mathbb{M} 51'13	0.27444 AU	behind sun end	-4521 May 06 j 14:38	8° \mathfrak{Y} 42'52	
inferior conj	-4524 Dec 14 j 03:56	20° \mathbb{M} 09'33	4°25'54	asc. node	-4521 May 13 j 05:36	16° \mathfrak{Y} 52'15	
minimum elong	-4524 Dec 13 j 19:42	20° \mathbb{M} 22'35	4°23'35		-4521 May 23 j 20:59	0° \mathfrak{B}	
morning rise	-4524 Dec 19 j 09:29	16° \mathbb{M} 58'21		evening rise	-4521 Jun 10 j 23:58	22° \mathfrak{B} 25'16	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4521 Jun 17 j 02:43	0°♄		morning max el	-4519 Dec 08 j 14:02	27°♄45'03	46°39'41
	-4521 Jul 11 j 06:41	0°♅			-4519 Dec 10 j 19:10	0°♄	
	-4521 Aug 04 j 10:36	0°♆			-4518 Jan 07 j 13:05	0°♄	
	-4521 Aug 28 j 16:37	0°♇			-4518 Feb 02 j 18:27	0°♈	
desc. node	-4521 Sep 02 j 02:13	5°♇25'24		desc. node	-4518 Feb 16 j 23:43	16°♈35'13	
	-4521 Sep 22 j 03:07	0°♄			-4518 Feb 28 j 09:21	0°♈	
	-4521 Oct 16 j 21:42	0°♄			-4518 Mar 25 j 15:40	0°♄	
	-4521 Nov 11 j 08:34	0°♈			-4518 Apr 19 j 14:58	0°♈	
	-4521 Dec 08 j 11:27	0°♈			-4518 May 14 j 07:35	0°♄	
evening max el	-4521 Dec 13 j 21:58	5°♈34'54	46°24'40	morning set	-4518 Jun 06 j 06:30	28°♄11'28	
asc. node	-4521 Dec 23 j 20:50	15°♈13'17			-4518 Jun 07 j 17:40	0°♄	
	-4520 Jan 11 j 05:34	0°♄		asc. node	-4518 Jun 09 j 17:53	2°♈28'54	
greatest brilliancy	-4520 Jan 17 j 22:27	3°♄54'30	-4.5m		-4518 Jul 01 j 21:46	0°♄	
retrograde	-4520 Feb 01 j 22:42	7°♄58'18		max. Earth dist.	-4518 Jul 08 j 14:27	8°♄21'16	1.72007 AU
evening set	-4520 Feb 19 j 17:32	1°♄52'20					
	-4520 Feb 22 j 16:58	30°♄		superior conj	-4518 Jul 12 j 19:46	13°♄37'53	1°07'15
inferior conj	-4520 Feb 23 j 09:03	29°♈34'15	8°06'31	minimum elong	-4518 Jul 12 j 11:05	13°♄10'42	1°07'12
minimum elong	-4520 Feb 23 j 12:06	29°♈29'21	8°06'11		-4518 Jul 25 j 21:19	0°♅	
min. Earth dist.	-4520 Feb 23 j 08:20	29°♈35'24	0.29289 AU		-4518 Aug 18 j 18:32	0°♆	
morning rise	-4520 Feb 27 j 06:47	27°♈06'32		evening rise	-4518 Aug 19 j 13:41	1°♆00'12	
direct	-4520 Mar 15 j 22:47	21°♈09'00			-4518 Sep 11 j 15:50	0°♇	
greatest brilliancy	-4520 Mar 28 j 08:47	23°♈51'46	-4.5m	desc. node	-4518 Sep 29 j 14:40	22°♇28'55	
	-4520 Apr 08 j 14:18	0°♄			-4518 Oct 05 j 15:09	0°♄	
desc. node	-4520 Apr 13 j 20:23	3°♄42'40			-4518 Oct 29 j 18:01	0°♄	
morning max el	-4520 May 03 j 17:59	20°♄50'32	45°50'16		-4518 Nov 23 j 02:20	0°♈	
	-4520 May 13 j 01:35	0°♈			-4518 Dec 17 j 20:10	0°♈	
	-4520 Jun 10 j 01:51	0°♄			-4517 Jan 12 j 08:27	0°♄	
	-4520 Jul 06 j 03:03	0°♈		asc. node	-4517 Jan 20 j 08:26	9°♄06'23	
	-4520 Jul 31 j 02:50	0°♄			-4517 Feb 08 j 12:02	0°♈	
asc. node	-4520 Aug 04 j 16:02	5°♄33'40		evening max el	-4517 Feb 22 j 21:32	14°♈30'55	45°12'27
	-4520 Aug 24 j 10:40	0°♅			-4517 Mar 12 j 13:48	0°♄	
	-4520 Sep 17 j 09:16	0°♆		greatest brilliancy	-4517 Mar 29 j 00:07	10°♄22'37	-4.5m
	-4520 Oct 11 j 04:18	0°♇		retrograde	-4517 Apr 12 j 02:10	13°♄47'42	
morning set	-4520 Nov 01 j 14:46	27°♇00'23		evening set	-4517 Apr 27 j 08:39	9°♄21'07	
	-4520 Nov 03 j 23:53	0°♄		inferior conj	-4517 May 03 j 11:32	5°♄42'30	2°01'02
desc. node	-4520 Nov 24 j 13:27	25°♄47'30		minimum elong	-4517 May 03 j 15:49	5°♄35'51	1°59'50
	-4520 Nov 27 j 22:13	0°♄		min. Earth dist.	-4517 May 04 j 05:16	5°♄14'59	0.28893 AU
				morning rise	-4517 May 09 j 22:29	1°♄51'42	
superior conj	-4520 Dec 13 j 20:55	19°♄53'54	0°-42'-41	desc. node	-4517 May 12 j 07:32	0°♄38'13	
minimum elong	-4520 Dec 13 j 11:03	19°♄23'11	0°42'28		-4517 May 13 j 16:38	30°♄	
max. Earth dist.	-4520 Dec 18 j 12:01	25°♄39'35	1.72039 AU	direct	-4517 May 25 j 07:23	27°♈22'44	
	-4520 Dec 21 j 23:47	0°♈			-4517 Jun 06 j 10:42	0°♄	
	-4519 Jan 15 j 04:28	0°♈		greatest brilliancy	-4517 Jun 08 j 21:41	1°♄05'11	-4.5m
evening rise	-4519 Jan 23 j 03:38	9°♈50'19		morning max el	-4517 Jul 13 j 20:03	28°♄13'01	46°16'03
	-4519 Feb 08 j 12:27	0°♄			-4517 Jul 15 j 15:31	0°♈	
	-4519 Mar 05 j 00:34	0°♈			-4517 Aug 12 j 16:31	0°♄	
asc. node	-4519 Mar 17 j 06:47	14°♈54'38		asc. node	-4517 Sep 02 j 03:52	23°♄47'26	
	-4519 Mar 29 j 18:12	0°♄			-4517 Sep 07 j 08:40	0°♅	
	-4519 Apr 23 j 19:10	0°♈			-4517 Oct 01 j 23:46	0°♆	
	-4519 May 19 j 06:31	0°♄			-4517 Oct 26 j 03:52	0°♇	
	-4519 Jun 14 j 11:14	0°♅			-4517 Nov 19 j 05:06	0°♄	
desc. node	-4519 Jul 07 j 04:16	24°♅45'10			-4517 Dec 13 j 07:44	0°♄	
	-4519 Jul 12 j 05:23	0°♆		desc. node	-4517 Dec 23 j 01:47	12°♄05'34	
evening max el	-4519 Jul 19 j 22:33	7°♆45'39	46°54'30		-4516 Jan 06 j 13:06	0°♈	
	-4519 Aug 14 j 15:38	0°♇		morning set	-4516 Jan 18 j 06:10	14°♈27'30	
greatest brilliancy	-4519 Aug 28 j 17:39	7°♇45'37	-4.7m		-4516 Jan 30 j 20:46	0°♈	
retrograde	-4519 Sep 08 j 05:01	9°♇48'32			-4516 Feb 24 j 05:57	0°♄	
evening set	-4519 Sep 24 j 13:16	4°♇38'12					
inferior conj	-4519 Sep 28 j 18:59	2°♇06'59	-6°-41'-21	superior conj	-4516 Feb 25 j 21:07	2°♄00'23	-1°-21'-7
minimum elong	-4519 Sep 29 j 05:47	1°♇50'37	6°38'54	minimum elong	-4516 Feb 26 j 01:12	2°♄12'56	1°21'18
min. Earth dist.	-4519 Sep 28 j 23:43	1°♇59'48	0.26466 AU	max. Earth dist.	-4516 Feb 26 j 22:55	3°♄19'41	1.73501 AU
	-4519 Oct 02 j 07:57	30°♄			-4516 Mar 19 j 16:08	0°♈	
morning rise	-4519 Oct 03 j 22:12	29°♄05'46		evening rise	-4516 Apr 02 j 14:53	17°♈06'39	
direct	-4519 Oct 19 j 01:36	24°♄31'44			-4516 Apr 13 j 03:15	0°♄	
asc. node	-4519 Oct 28 j 00:11	26°♄04'57		asc. node	-4516 Apr 13 j 19:10	0°♄48'46	
greatest brilliancy	-4519 Oct 31 j 08:27	27°♄22'33	-4.7m		-4516 May 07 j 15:24	0°♈	
	-4519 Nov 05 j 12:31	0°♇			-4516 Jun 01 j 05:02	0°♄	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4516 Jun 25 j 21:22	0°☿			-4513 Jan 20 j 16:18	0°♂		
	-4516 Jul 20 j 18:57	0°♂			-4513 Feb 14 j 08:06	0°♂		
desc. node	-4516 Aug 03 j 16:06	16°♂31'53			-4513 Mar 10 j 23:06	0°≈		
	-4516 Aug 15 j 02:46	0°♍		morning set	-4513 Mar 29 j 08:43	22°≈28'10		
	-4516 Sep 10 j 07:54	0°♌			-4513 Apr 04 j 12:27	0°♋		
evening max el	-4516 Sep 30 j 19:47	21°♌57'16	47°35'51		-4513 Apr 28 j 23:33	0°♍		
	-4516 Oct 08 j 22:38	0°♍		max. Earth dist.	-4513 May 01 j 06:46	2°♍49'43	1.73553 AU	
greatest brilliancy	-4516 Nov 07 j 16:35	22°♍39'10	-4.7m					
retrograde	-4516 Nov 20 j 22:31	25°♍56'27		superior conj	-4513 May 04 j 05:11	6°♍26'18	0°-18'-50	
asc. node	-4516 Nov 24 j 11:29	25°♍40'43		minimum elong	-4513 May 04 j 08:46	6°♍37'21	0°18'40	
evening set	-4516 Dec 05 j 19:51	21°♍25'31		asc. node	-4513 May 12 j 07:38	16°♍24'48		
min. Earth dist.	-4516 Dec 10 j 16:37	18°♍28'28	0.27362 AU		-4513 May 23 j 08:00	0°♌		
inferior conj	-4516 Dec 11 j 18:24	17°♍47'40	4°07'19	evening rise	-4513 Jun 08 j 19:12	20°♌21'51		
minimum elong	-4516 Dec 11 j 10:33	18°♍00'06	4°05'03		-4513 Jun 16 j 13:54	0°♍		
morning rise	-4516 Dec 17 j 02:13	14°♍33'12			-4513 Jul 10 j 18:08	0°☿		
direct	-4515 Jan 01 j 09:06	9°♍55'27			-4513 Aug 03 j 22:25	0°♂		
greatest brilliancy	-4515 Jan 11 j 22:01	11°♍59'30	-4.6m		-4513 Aug 28 j 04:53	0°♍		
	-4515 Feb 07 j 23:50	0°♂		desc. node	-4513 Sep 01 j 04:22	4°♍53'58		
morning max el	-4515 Feb 19 j 10:48	10°♂31'32	46°03'07		-4513 Sep 21 j 15:59	0°♌		
	-4515 Mar 10 j 15:53	0°♂			-4513 Oct 16 j 11:30	0°♍		
desc. node	-4515 Mar 16 j 11:19	6°♂11'41			-4513 Nov 11 j 00:10	0°♂		
	-4515 Apr 07 j 01:02	0°≈			-4513 Dec 08 j 07:44	0°♂		
	-4515 May 03 j 03:34	0°♋		evening max el	-4513 Dec 11 j 13:20	3°♂17'59	46°27'58	
	-4515 May 28 j 11:52	0°♍		asc. node	-4513 Dec 22 j 23:01	14°♂17'06		
	-4515 Jun 22 j 06:38	0°♌			-4512 Jan 12 j 10:51	0°≈		
asc. node	-4515 Jul 07 j 06:13	18°♌24'51		greatest brilliancy	-4512 Jan 15 j 15:00	1°≈43'33	-4.6m	
	-4515 Jul 16 j 14:35	0°♍		retrograde	-4512 Jan 30 j 16:25	5°≈49'01		
greatest brilliancy	-4515 Aug 09 j 16:21	0°☿05'53	-3.9m		-4512 Feb 16 j 23:05	30°♌		
	-4515 Aug 09 j 14:29	0°☿		evening set	-4512 Feb 17 j 11:07	29°♌41'39		
morning set	-4515 Aug 15 j 06:26	7°☿07'34		inferior conj	-4512 Feb 21 j 02:04	27°♌24'32	8°09'45	
	-4515 Sep 02 j 09:41	0°♂		minimum elong	-4512 Feb 21 j 04:28	27°♌20'41	8°09'28	
				min. Earth dist.	-4512 Feb 20 j 23:49	27°♌28'08	0.29259 AU	
superior conj	-4515 Sep 23 j 20:10	27°♌04'51	1°07'12	morning rise	-4512 Feb 24 j 21:56	24°♌59'52		
minimum elong	-4515 Sep 24 j 07:01	27°♌39'06	1°07'01	direct	-4512 Mar 13 j 15:08	18°♌59'44		
max. Earth dist.	-4515 Sep 25 j 14:17	29°♌17'45	1.70843 AU	greatest brilliancy	-4512 Mar 25 j 23:30	21°♌41'19	-4.5m	
	-4515 Sep 26 j 03:40	0°♍			-4512 Apr 09 j 09:28	0°≈		
	-4515 Oct 19 j 23:07	0°♌		desc. node	-4512 Apr 12 j 22:20	2°≈37'21		
desc. node	-4515 Oct 27 j 03:04	8°♌59'57		morning max el	-4512 May 01 j 10:57	18°≈43'12	45°50'06	
evening rise	-4515 Nov 05 j 06:46	20°♌28'27			-4512 May 12 j 20:47	0°♋		
	-4515 Nov 12 j 21:28	0°♍			-4512 Jun 09 j 16:38	0°♍		
	-4515 Dec 06 j 23:21	0°♂			-4512 Jul 05 j 16:06	0°♌		
	-4515 Dec 31 j 05:44	0°♂			-4512 Jul 30 j 15:04	0°♍		
	-4514 Jan 24 j 18:52	0°≈		asc. node	-4512 Aug 03 j 18:16	5°♍03'15		
asc. node	-4514 Feb 16 j 20:37	27°≈42'33			-4512 Aug 23 j 22:29	0°☿		
	-4514 Feb 18 j 18:57	0°♋			-4512 Sep 16 j 20:54	0°♂		
	-4514 Mar 16 j 12:52	0°♍			-4512 Oct 10 j 15:49	0°♍		
	-4514 Apr 12 j 14:23	0°♌		morning set	-4512 Oct 30 j 00:28	24°♍23'57		
evening max el	-4514 May 05 j 00:42	22°♌47'10	45°24'57		-4512 Nov 03 j 11:19	0°♌		
	-4514 May 12 j 20:32	0°♍		desc. node	-4512 Nov 23 j 15:32	25°♌18'34		
desc. node	-4514 Jun 08 j 18:59	19°♍04'09			-4512 Nov 27 j 09:33	0°♍		
greatest brilliancy	-4514 Jun 11 j 08:36	20°♍09'14	-4.5m					
retrograde	-4514 Jun 22 j 20:07	22°♍29'42		superior conj	-4512 Dec 11 j 06:58	17°♍20'31	0°-39'-20	
evening set	-4514 Jul 09 j 00:04	17°♍37'35		minimum elong	-4512 Dec 10 j 21:36	16°♍51'19	0°39'06	
inferior conj	-4514 Jul 13 j 22:07	14°♍44'24	-7°-13'-44	max. Earth dist.	-4512 Dec 15 j 23:23	23°♍10'34	1.71981 AU	
minimum elong	-4514 Jul 13 j 12:07	14°♍59'30	7°11'49		-4512 Dec 21 j 11:03	0°♂		
min. Earth dist.	-4514 Jul 14 j 05:10	14°♍33'43	0.27621 AU		-4511 Jan 14 j 15:42	0°♂		
morning rise	-4514 Jul 17 j 23:45	12°♍18'52		evening rise	-4511 Jan 20 j 17:29	7°♌30'22		
direct	-4514 Aug 04 j 00:15	6°♍50'04			-4511 Feb 07 j 23:42	0°≈		
greatest brilliancy	-4514 Aug 18 j 03:52	10°♍24'43	-4.6m		-4511 Mar 04 j 11:58	0°♋		
	-4514 Sep 13 j 14:22	0°☿		asc. node	-4511 Mar 16 j 08:51	14°♋25'56		
morning max el	-4514 Sep 23 j 13:41	9°☿44'43	46°48'45		-4511 Mar 29 j 05:57	0°♍		
asc. node	-4514 Sep 29 j 15:12	16°☿02'49			-4511 Apr 23 j 07:35	0°♌		
	-4514 Oct 12 j 10:03	0°♂			-4511 May 18 j 20:08	0°♍		
	-4514 Nov 07 j 07:35	0°♍			-4511 Jun 14 j 03:13	0°☿		
	-4514 Dec 02 j 07:13	0°♌		desc. node	-4511 Jul 06 j 06:27	23°☿58'24		
	-4514 Dec 27 j 00:20	0°♍			-4511 Jul 12 j 03:00	0°♂		
desc. node	-4513 Jan 19 j 13:58	28°♍39'54		evening max el	-4511 Jul 17 j 12:23	5°♌22'50	46°51'17	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4511 Aug 15 j 21:29	0° \cap		morning set	-4508 Jan 15 j 18:56	12° \bowtie 04'24	
greatest brilliancy	-4511 Aug 26 j 05:30	5° \cap 14'55	-4.7m		-4508 Jan 30 j 07:51	0° \bowtie	
retrograde	-4511 Sep 05 j 17:16	7° \cap 17'27					
evening set	-4511 Sep 22 j 04:35	2° \cap 02'28		superior conj	-4508 Feb 23 j 13:33	29° \bowtie 49'47	-1°-21'-49
	-4511 Sep 25 j 15:04	30° \cap		minimum elong	-4508 Feb 23 j 17:00	0° \approx 00'23	1°22'00
inferior conj	-4511 Sep 26 j 06:51	29° \cap 36'05	-6°-57'-21		-4508 Feb 23 j 16:53	0° \approx	
minimum elong	-4511 Sep 26 j 17:33	29° \cap 19'51	6°55'03	max. Earth dist.	-4508 Feb 24 j 19:26	1° \approx 21'36	1.73466 AU
min. Earth dist.	-4511 Sep 26 j 11:51	29° \cap 28'30	0.26489 AU		-4508 Mar 19 j 03:01	0° \bowtie	
morning rise	-4511 Oct 01 j 06:29	26° \cap 40'02		evening rise	-4508 Mar 31 j 09:16	15° \bowtie 02'19	
direct	-4511 Oct 16 j 14:33	22° \cap 00'54		asc. node	-4508 Apr 12 j 21:14	0° Υ 21'28	
asc. node	-4511 Oct 27 j 02:17	24° \cap 07'48			-4508 Apr 12 j 14:14	0° Υ	
greatest brilliancy	-4511 Oct 28 j 21:20	24° \cap 52'09	-4.7m		-4508 May 07 j 02:38	0° \bowtie	
	-4511 Nov 07 j 02:05	0° \cap			-4508 May 31 j 16:41	0° \cap	
morning max el	-4511 Dec 06 j 03:56	25° \cap 19'52	46°40'42		-4508 Jun 25 j 09:35	0° \bowtie	
	-4511 Dec 10 j 17:19	0° \cap			-4508 Jul 20 j 08:04	0° \cap	
	-4510 Jan 07 j 05:25	0° \cap		desc. node	-4508 Aug 02 j 18:16	15° \cap 57'19	
	-4510 Feb 02 j 08:25	0° \bowtie			-4508 Aug 14 j 17:23	0° \cap	
desc. node	-4510 Feb 16 j 01:53	16° \bowtie 02'49			-4508 Sep 10 j 01:32	0° \cap	
	-4510 Feb 27 j 22:02	0° \bowtie		evening max el	-4508 Sep 28 j 09:50	19° \cap 33'22	47°36'19
	-4510 Mar 25 j 03:35	0° \approx			-4508 Oct 09 j 01:28	0° \cap	
	-4510 Apr 19 j 02:23	0° \bowtie		greatest brilliancy	-4508 Nov 05 j 10:37	20° \cap 20'04	-4.7m
	-4510 May 13 j 18:42	0° Υ		retrograde	-4508 Nov 18 j 12:43	23° \cap 33'23	
morning set	-4510 Jun 04 j 01:05	26° Υ 06'51		asc. node	-4508 Nov 23 j 13:42	23° \cap 01'26	
	-4510 Jun 07 j 04:38	0° \bowtie		evening set	-4508 Dec 03 j 08:48	19° \cap 05'24	
asc. node	-4510 Jun 08 j 20:08	2° \bowtie 01'58		min. Earth dist.	-4508 Dec 08 j 07:48	16° \cap 05'26	0.27291 AU
	-4510 Jul 01 j 08:43	0° \cap		inferior conj	-4508 Dec 09 j 08:47	15° \cap 25'57	3°48'08
max. Earth dist.	-4510 Jul 06 j 04:20	6° \cap 00'33	1.72068 AU	minimum elong	-4508 Dec 09 j 01:22	15° \cap 37'40	3°45'56
				morning rise	-4508 Dec 14 j 18:51	12° \cap 08'17	
superior conj	-4510 Jul 10 j 12:50	11° \cap 26'53	1°05'14	direct	-4508 Dec 29 j 22:15	7° \cap 34'52	
minimum elong	-4510 Jul 10 j 04:02	10° \cap 59'22	1°05'11	greatest brilliancy	-4507 Jan 09 j 12:54	9° \cap 40'10	-4.6m
	-4510 Jul 25 j 08:21	0° \bowtie			-4507 Feb 08 j 04:33	0° \bowtie	
evening rise	-4510 Aug 17 j 03:08	28° \bowtie 36'25		morning max el	-4507 Feb 17 j 00:06	8° \bowtie 12'12	46°04'11
	-4510 Aug 18 j 05:44	0° \cap			-4507 Mar 10 j 09:23	0° \bowtie	
	-4510 Sep 11 j 03:14	0° \cap		desc. node	-4507 Mar 15 j 13:18	5° \bowtie 32'21	
desc. node	-4510 Sep 28 j 16:39	21° \cap 58'58			-4507 Apr 06 j 15:09	0° \approx	
	-4510 Oct 05 j 02:47	0° \cap			-4507 May 02 j 16:09	0° \bowtie	
	-4510 Oct 29 j 05:56	0° \cap			-4507 May 27 j 23:38	0° Υ	
	-4510 Nov 22 j 14:38	0° \bowtie			-4507 Jun 21 j 17:58	0° \bowtie	
	-4510 Dec 17 j 09:11	0° \bowtie		asc. node	-4507 Jul 06 j 08:21	17° \bowtie 56'55	
	-4509 Jan 11 j 22:55	0° \approx			-4507 Jul 16 j 01:42	0° \cap	
asc. node	-4509 Jan 19 j 10:41	8° \approx 29'53			-4507 Aug 09 j 01:31	0° \bowtie	
	-4509 Feb 08 j 06:18	0° \bowtie		greatest brilliancy	-4507 Aug 09 j 19:24	0° \bowtie 56'13	-3.9m
evening max el	-4509 Feb 20 j 13:07	12° \bowtie 19'27	45°13'43	morning set	-4507 Aug 12 j 20:16	4° \bowtie 45'22	
	-4509 Mar 13 j 02:24	0° Υ			-4507 Sep 01 j 20:42	0° \cap	
greatest brilliancy	-4509 Mar 26 j 16:06	8° Υ 14'09	-4.5m				
retrograde	-4509 Apr 09 j 17:53	11° Υ 39'23		superior conj	-4507 Sep 21 j 07:00	24° \cap 32'41	1°09'26
evening set	-4509 Apr 25 j 02:38	7° Υ 10'25		minimum elong	-4507 Sep 21 j 17:29	25° \cap 05'47	1°09'18
inferior conj	-4509 May 01 j 03:52	3° Υ 33'38	2°19'40	max. Earth dist.	-4507 Sep 22 j 17:09	26° \cap 20'31	1.70843 AU
minimum elong	-4509 May 01 j 08:45	3° Υ 26'02	2°18'19		-4507 Sep 25 j 14:42	0° \cap	
min. Earth dist.	-4509 May 01 j 21:54	3° Υ 05'34	0.28929 AU		-4507 Oct 19 j 10:11	0° \cap	
	-4509 May 07 j 01:54	30° \cap		desc. node	-4507 Oct 26 j 05:14	8° \cap 31'59	
morning rise	-4509 May 07 j 14:20	29° \bowtie 42'49		evening rise	-4507 Nov 02 j 15:34	17° \cap 50'57	
desc. node	-4509 May 11 j 09:43	27° \bowtie 49'31			-4507 Nov 12 j 08:36	0° \cap	
direct	-4509 May 22 j 23:47	25° \bowtie 13'19			-4507 Dec 06 j 10:34	0° \bowtie	
greatest brilliancy	-4509 Jun 06 j 12:17	28° \bowtie 52'59	-4.5m		-4507 Dec 30 j 17:06	0° \bowtie	
	-4509 Jun 08 j 17:56	0° Υ			-4506 Jan 24 j 06:35	0° \approx	
morning max el	-4509 Jul 11 j 10:49	25° Υ 57'32	46°14'51	asc. node	-4506 Feb 15 j 22:37	27° \approx 11'49	
	-4509 Jul 15 j 12:39	0° \bowtie			-4506 Feb 18 j 07:24	0° \bowtie	
	-4509 Aug 12 j 08:03	0° \cap			-4506 Mar 16 j 02:46	0° Υ	
asc. node	-4509 Sep 01 j 05:58	23° \cap 12'34			-4506 Apr 12 j 07:35	0° \bowtie	
	-4509 Sep 06 j 22:11	0° \bowtie		evening max el	-4506 May 02 j 14:35	20° \bowtie 30'33	45°23'04
	-4509 Oct 01 j 12:20	0° \cap			-4506 May 13 j 01:01	0° \cap	
	-4509 Oct 25 j 15:54	0° \cap		desc. node	-4506 Jun 07 j 21:10	17° \cap 25'17	
	-4509 Nov 18 j 16:49	0° \cap		greatest brilliancy	-4506 Jun 08 j 18:22	17° \cap 46'39	-4.5m
	-4509 Dec 12 j 19:13	0° \cap		retrograde	-4506 Jun 20 j 09:42	20° \cap 10'44	
desc. node	-4509 Dec 22 j 04:00	11° \cap 37'07		evening set	-4506 Jul 06 j 09:48	15° \cap 22'57	
	-4508 Jan 06 j 00:22	0° \bowtie		inferior conj	-4506 Jul 11 j 11:39	12° \cap 24'39	-7°00'-7

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 80

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

minimum elong	-4506 Jul 11 j 01:25	12°II40'06	6°58'03		-4504 Dec 20 j 21:58	0°𐤆	
min. Earth dist.	-4506 Jul 11 j 18:42	12°II13'59	0.27665 AU		-4503 Jan 14 j 02:34	0°𐤆	
morning rise	-4506 Jul 15 j 16:37	9°II54'32		evening rise	-4503 Jan 18 j 07:28	5°𐤆11'47	
direct	-4506 Aug 01 j 14:34	4°II29'14			-4503 Feb 07 j 10:37	0°≈	
greatest brilliancy	-4506 Aug 15 j 20:38	8°II07'00	-4.6m		-4503 Mar 03 j 23:03	0°𐤆	
	-4506 Sep 13 j 16:59	0°𐤆		asc. node	-4503 Mar 15 j 10:57	13°𐤆58'13	
morning max el	-4506 Sep 21 j 04:16	7°𐤆22'35	46°48'21		-4503 Mar 28 j 17:26	0°𐤆	
asc. node	-4506 Sep 28 j 17:16	15°𐤆14'38			-4503 Apr 22 j 19:49	0°𐤆	
	-4506 Oct 12 j 03:22	0°𐤆			-4503 May 18 j 09:42	0°II	
	-4506 Nov 06 j 21:59	0°𐤆			-4503 Jun 13 j 19:16	0°𐤆	
	-4506 Dec 01 j 20:13	0°𐤆		desc. node	-4503 Jul 05 j 08:35	23°𐤆11'19	
	-4506 Dec 26 j 12:30	0°𐤆			-4503 Jul 12 j 01:12	0°𐤆	
desc. node	-4505 Jan 18 j 16:05	28°𐤆11'00		evening max el	-4503 Jul 15 j 02:09	3°𐤆00'29	46°48'08
	-4505 Jan 20 j 03:54	0°𐤆			-4503 Aug 17 j 15:43	0°𐤆	
	-4505 Feb 13 j 19:18	0°𐤆		greatest brilliancy	-4503 Aug 23 j 18:16	2°𐤆46'14	-4.7m
	-4505 Mar 10 j 10:02	0°≈		retrograde	-4503 Sep 03 j 05:11	4°𐤆47'11	
morning set	-4505 Mar 27 j 02:57	20°≈24'04			-4503 Sep 18 j 21:22	30°𐤆𐤆	
	-4505 Apr 03 j 23:14	0°𐤆		evening set	-4503 Sep 19 j 19:58	29°𐤆27'53	
	-4505 Apr 28 j 10:16	0°𐤆		inferior conj	-4503 Sep 23 j 18:46	27°𐤆06'17	-7°-12'-34
max. Earth dist.	-4505 Apr 29 j 06:13	1°𐤆01'20	1.73582 AU	minimum elong	-4503 Sep 24 j 05:17	26°𐤆50'19	7°10'25
				min. Earth dist.	-4503 Sep 24 j 00:12	26°𐤆58'02	0.26510 AU
superior conj	-4505 May 02 j 00:07	4°𐤆23'56	0°-21'-46	morning rise	-4503 Sep 28 j 14:34	24°𐤆15'27	
minimum elong	-4505 May 02 j 04:14	4°𐤆36'38	0°21'36	direct	-4503 Oct 14 j 03:13	19°𐤆31'12	
asc. node	-4505 May 11 j 09:51	15°𐤆58'41		asc. node	-4503 Oct 26 j 04:37	22°𐤆16'24	
	-4505 May 22 j 18:45	0°𐤆		greatest brilliancy	-4503 Oct 26 j 10:11	22°𐤆22'28	-4.7m
evening rise	-4505 Jun 06 j 14:09	18°𐤆18'26			-4503 Nov 08 j 04:11	0°𐤆	
	-4505 Jun 16 j 00:48	0°II		morning max el	-4503 Dec 03 j 16:59	22°𐤆53'10	46°41'41
	-4505 Jul 10 j 05:18	0°𐤆			-4503 Dec 10 j 14:22	0°𐤆	
	-4505 Aug 03 j 09:57	0°𐤆			-4502 Jan 06 j 21:12	0°𐤆	
	-4505 Aug 27 j 16:53	0°𐤆			-4502 Feb 01 j 21:58	0°𐤆	
desc. node	-4505 Aug 31 j 06:21	4°𐤆22'55		desc. node	-4502 Feb 15 j 03:53	15°𐤆31'03	
	-4505 Sep 21 j 04:36	0°𐤆			-4502 Feb 27 j 10:22	0°𐤆	
	-4505 Oct 16 j 01:03	0°𐤆			-4502 Mar 24 j 15:10	0°≈	
	-4505 Nov 10 j 15:33	0°𐤆			-4502 Apr 18 j 13:31	0°𐤆	
	-4505 Dec 08 j 04:06	0°𐤆			-4502 May 13 j 05:36	0°𐤆	
evening max el	-4505 Dec 09 j 05:35	1°𐤆04'37	46°31'17	morning set	-4502 Jun 01 j 19:31	24°𐤆02'22	
asc. node	-4505 Dec 22 j 01:12	13°𐤆21'08			-4502 Jun 06 j 15:27	0°𐤆	
greatest brilliancy	-4504 Jan 13 j 08:01	29°𐤆34'31	-4.6m	asc. node	-4502 Jun 07 j 22:15	1°𐤆35'07	
	-4504 Jan 14 j 04:39	0°≈			-4502 Jun 30 j 19:33	0°II	
retrograde	-4504 Jan 28 j 10:15	3°≈40'44		max. Earth dist.	-4502 Jul 03 j 17:44	3°II38'46	1.72134 AU
	-4504 Feb 10 j 21:29	30°𐤆𐤆					
evening set	-4504 Feb 15 j 04:30	27°𐤆32'27		superior conj	-4502 Jul 08 j 05:44	9°II15'49	1°03'08
inferior conj	-4504 Feb 18 j 19:04	25°𐤆15'48	8°12'21	minimum elong	-4502 Jul 07 j 20:53	8°II48'09	1°03'03
minimum elong	-4504 Feb 18 j 20:49	25°𐤆13'01	8°12'06		-4502 Jul 24 j 19:18	0°𐤆	
min. Earth dist.	-4504 Feb 18 j 15:00	25°𐤆22'18	0.29231 AU	evening rise	-4502 Aug 14 j 16:27	26°𐤆12'44	
morning rise	-4504 Feb 22 j 13:18	22°𐤆53'48			-4502 Aug 17 j 16:49	0°𐤆	
direct	-4504 Mar 11 j 08:00	16°𐤆51'34			-4502 Sep 10 j 14:29	0°𐤆	
greatest brilliancy	-4504 Mar 23 j 13:24	19°𐤆30'53	-4.5m	desc. node	-4502 Sep 27 j 18:49	21°𐤆30'03	
	-4504 Apr 09 j 23:21	0°≈			-4502 Oct 04 j 14:16	0°𐤆	
desc. node	-4504 Apr 12 j 00:34	1°≈34'58			-4502 Oct 28 j 17:42	0°𐤆	
morning max el	-4504 Apr 29 j 04:08	16°≈37'06	45°49'47		-4502 Nov 22 j 02:49	0°𐤆	
	-4504 May 12 j 15:15	0°𐤆			-4502 Dec 16 j 22:05	0°𐤆	
	-4504 Jun 09 j 07:02	0°𐤆			-4501 Jan 11 j 13:20	0°≈	
	-4504 Jul 05 j 04:51	0°𐤆		asc. node	-4501 Jan 18 j 12:46	7°≈53'15	
	-4504 Jul 30 j 03:00	0°II			-4501 Feb 08 j 00:45	0°𐤆	
asc. node	-4504 Aug 02 j 20:21	4°II33'22		evening max el	-4501 Feb 18 j 04:00	10°𐤆06'57	45°15'07
	-4504 Aug 23 j 10:00	0°𐤆			-4501 Mar 13 j 18:48	0°𐤆	
	-4504 Sep 16 j 08:12	0°𐤆		greatest brilliancy	-4501 Mar 24 j 07:02	6°𐤆05'15	-4.5m
	-4504 Oct 10 j 03:01	0°𐤆		retrograde	-4501 Apr 07 j 09:37	9°𐤆32'20	
morning set	-4504 Oct 27 j 10:18	21°𐤆48'51		evening set	-4501 Apr 22 j 20:48	5°𐤆00'28	
	-4504 Nov 02 j 22:26	0°𐤆		inferior conj	-4501 Apr 28 j 20:23	1°𐤆25'55	2°37'54
desc. node	-4504 Nov 22 j 17:43	24°𐤆50'53		minimum elong	-4501 Apr 29 j 01:49	1°𐤆17'25	2°36'25
	-4504 Nov 26 j 20:34	0°𐤆		min. Earth dist.	-4501 Apr 29 j 14:53	0°𐤆57'03	0.28968 AU
					-4501 May 01 j 03:40	30°𐤆𐤆	
superior conj	-4504 Dec 08 j 17:04	14°𐤆48'07	0°-35'-53	morning rise	-4501 May 05 j 06:13	27°𐤆35'19	
minimum elong	-4504 Dec 08 j 08:16	14°𐤆20'41	0°35'39	desc. node	-4501 May 10 j 11:53	25°𐤆05'47	
max. Earth dist.	-4504 Dec 13 j 12:47	20°𐤆48'43	1.71920 AU	direct	-4501 May 20 j 15:58	23°𐤆04'46	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4501 Jun 04 j 03:49	26° Υ 42'41	-4.5m		-4499 Dec 30 j 04:42	0° Θ	
	-4501 Jun 10 j 05:22	0° Υ			-4498 Jan 23 j 18:33	0° \approx	
morning max el	-4501 Jul 09 j 01:37	23° Υ 42'26	46°13'30	asc. node	-4498 Feb 15 j 00:48	26° \approx 40'55	
	-4501 Jul 15 j 09:02	0° Υ			-4498 Feb 17 j 20:05	0° Υ	
	-4501 Aug 11 j 23:23	0° Π			-4498 Mar 15 j 16:58	0° Υ	
asc. node	-4501 Aug 31 j 08:04	22° Π 37'50			-4498 Apr 12 j 01:18	0° Υ	
	-4501 Sep 06 j 11:38	0° Θ		evening max el	-4498 Apr 30 j 05:43	18° Υ 16'55	45°21'21
	-4501 Oct 01 j 00:51	0° Ω			-4498 May 13 j 07:34	0° Π	
	-4501 Oct 25 j 03:54	0° Υ		greatest brilliancy	-4498 Jun 06 j 04:21	15° Π 24'55	-4.5m
	-4501 Nov 18 j 04:27	0° Ω		desc. node	-4498 Jun 06 j 23:15	15° Π 43'02	
	-4501 Dec 12 j 06:36	0° Ω		retrograde	-4498 Jun 17 j 23:52	17° Π 52'31	
desc. node	-4501 Dec 21 j 06:01	11° Ω 08'23		evening set	-4498 Jul 03 j 20:07	13° Π 09'02	
	-4500 Jan 05 j 11:33	0° Υ		inferior conj	-4498 Jul 09 j 01:31	10° Π 05'42	-6°-45'-57
morning set	-4500 Jan 13 j 07:36	9° Υ 41'02		minimum elong	-4498 Jul 08 j 15:09	10° Π 21'20	6°43'45
	-4500 Jan 29 j 18:51	0° Θ		min. Earth dist.	-4498 Jul 09 j 08:20	9° Π 55'24	0.27710 AU
				morning rise	-4498 Jul 13 j 09:48	7° Π 30'58	
superior conj	-4500 Feb 21 j 06:07	27° Θ 39'43	-1°-22'-23	direct	-4498 Jul 30 j 05:39	2° Π 09'27	
minimum elong	-4500 Feb 21 j 08:53	27° Θ 48'14	1°22'34	greatest brilliancy	-4498 Aug 13 j 12:26	5° Π 48'32	-4.6m
max. Earth dist.	-4500 Feb 22 j 14:03	29° Θ 17'51	1.73428 AU		-4498 Sep 13 j 18:19	0° Θ	
	-4500 Feb 23 j 03:45	0° \approx		morning max el	-4498 Sep 18 j 19:26	5° Θ 01'48	46°47'33
	-4500 Mar 18 j 13:51	0° Υ		asc. node	-4498 Sep 27 j 19:36	14° Θ 27'22	
evening rise	-4500 Mar 29 j 03:49	12° Υ 58'43			-4498 Oct 11 j 20:36	0° Ω	
asc. node	-4500 Apr 11 j 23:30	29° Υ 54'55			-4498 Nov 06 j 12:34	0° Υ	
	-4500 Apr 12 j 01:09	0° Υ			-4498 Dec 01 j 09:31	0° Ω	
	-4500 May 06 j 13:49	0° Υ			-4498 Dec 26 j 01:00	0° Ω	
	-4500 May 31 j 04:18	0° Π		desc. node	-4497 Jan 17 j 18:09	27° Ω 40'54	
	-4500 Jun 24 j 21:53	0° Θ			-4497 Jan 19 j 15:49	0° Υ	
	-4500 Jul 19 j 21:22	0° Ω			-4497 Feb 13 j 06:48	0° Θ	
desc. node	-4500 Aug 01 j 20:15	15° Ω 21'39			-4497 Mar 09 j 21:14	0° \approx	
	-4500 Aug 14 j 08:21	0° Υ		morning set	-4497 Mar 24 j 21:11	18° \approx 19'11	
	-4500 Sep 09 j 19:48	0° Ω			-4497 Apr 03 j 10:16	0° Υ	
evening max el	-4500 Sep 25 j 23:28	17° Ω 07'48	47°36'50	max. Earth dist.	-4497 Apr 27 j 05:55	29° Υ 12'56	1.73605 AU
	-4500 Oct 09 j 06:15	0° Ω			-4497 Apr 27 j 21:14	0° Υ	
greatest brilliancy	-4500 Nov 03 j 04:03	17° Ω 59'15	-4.7m				
retrograde	-4500 Nov 16 j 03:02	21° Ω 09'37		superior conj	-4497 Apr 29 j 19:13	2° Υ 21'21	0°-24'-41
asc. node	-4500 Nov 22 j 15:51	20° Ω 15'45		minimum elong	-4497 Apr 29 j 23:51	2° Υ 35'37	0°24'29
evening set	-4500 Nov 30 j 21:47	16° Ω 43'56		asc. node	-4497 May 10 j 11:58	15° Υ 31'22	
min. Earth dist.	-4500 Dec 05 j 22:51	13° Ω 41'32	0.27219 AU		-4497 May 22 j 05:46	0° Υ	
inferior conj	-4500 Dec 06 j 23:02	13° Ω 03'24	3°28'20	evening rise	-4497 Jun 04 j 09:26	16° Υ 15'17	
minimum elong	-4500 Dec 06 j 16:07	13° Ω 14'18	3°26'14		-4497 Jun 15 j 11:57	0° Π	
morning rise	-4500 Dec 12 j 11:17	9° Ω 42'51			-4497 Jul 09 j 16:42	0° Θ	
direct	-4500 Dec 27 j 11:03	5° Ω 13'16			-4497 Aug 02 j 21:43	0° Ω	
greatest brilliancy	-4499 Jan 07 j 03:53	7° Ω 20'26	-4.6m		-4497 Aug 27 j 05:09	0° Υ	
	-4499 Feb 08 j 07:36	0° Υ		desc. node	-4497 Aug 30 j 08:34	3° Υ 51'50	
morning max el	-4499 Feb 14 j 14:11	5° Υ 54'28	46°05'23		-4497 Sep 20 j 17:32	0° Ω	
	-4499 Mar 10 j 02:32	0° Θ			-4497 Oct 15 j 15:02	0° Ω	
desc. node	-4499 Mar 14 j 15:30	4° Θ 53'53			-4497 Nov 10 j 07:35	0° Υ	
	-4499 Apr 06 j 05:10	0° \approx		evening max el	-4497 Dec 06 j 22:23	28° Υ 50'56	46°34'26
	-4499 May 02 j 04:42	0° Υ			-4497 Dec 08 j 01:49	0° Θ	
	-4499 May 27 j 11:25	0° Υ		asc. node	-4497 Dec 21 j 03:18	12° Θ 22'10	
	-4499 Jun 21 j 05:21	0° Υ		greatest brilliancy	-4496 Jan 11 j 02:22	27° Θ 25'22	-4.6m
asc. node	-4499 Jul 05 j 10:26	17° Υ 28'42			-4496 Jan 17 j 06:22	0° \approx	
	-4499 Jul 15 j 12:53	0° Π		retrograde	-4496 Jan 26 j 03:51	1° \approx 30'14	
	-4499 Aug 08 j 12:38	0° Θ			-4496 Feb 03 j 16:19	30° Υ	
greatest brilliancy	-4499 Aug 09 j 20:20	1° Θ 39'36	-3.9m	evening set	-4496 Feb 12 j 21:31	25° Θ 21'49	
morning set	-4499 Aug 10 j 10:20	2° Θ 23'35		inferior conj	-4496 Feb 16 j 11:55	23° Θ 05'10	8°14'18
	-4499 Sep 01 j 07:52	0° Ω		minimum elong	-4496 Feb 16 j 13:00	23° Θ 03'26	8°14'05
				min. Earth dist.	-4496 Feb 16 j 06:07	23° Θ 14'27	0.29193 AU
superior conj	-4499 Sep 18 j 17:40	21° Ω 59'20	1°11'32	morning rise	-4496 Feb 20 j 04:42	20° Θ 45'21	
minimum elong	-4499 Sep 19 j 03:42	22° Ω 31'00	1°11'26	direct	-4496 Mar 09 j 00:46	14° Θ 41'51	
max. Earth dist.	-4499 Sep 19 j 22:13	23° Ω 29'27	1.70852 AU	greatest brilliancy	-4496 Mar 21 j 01:56	17° Θ 17'24	-4.5m
	-4499 Sep 25 j 01:57	0° Υ			-4496 Apr 10 j 10:17	0° \approx	
	-4499 Oct 18 j 21:32	0° Ω		desc. node	-4496 Apr 11 j 02:47	0° \approx 32'58	
desc. node	-4499 Oct 25 j 07:24	8° Ω 03'11		morning max el	-4496 Apr 26 j 20:42	14° \approx 28'33	45°49'31
evening rise	-4499 Oct 30 j 23:51	15° Ω 11'02			-4496 May 12 j 09:36	0° Υ	
	-4499 Nov 11 j 19:59	0° Ω			-4496 Jun 08 j 21:35	0° Υ	
	-4499 Dec 05 j 22:01	0° Υ			-4496 Jul 04 j 17:48	0° Υ	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4496 Jul 29 j 15:09	0°♊			-4493 Feb 07 j 20:01	0°♋	
asc. node	-4496 Aug 01 j 22:28	4°♊02'45		evening max el	-4493 Feb 15 j 18:34	7°♋52'40	45°16'31
	-4496 Aug 22 j 21:45	0°♌			-4493 Mar 14 j 17:45	0°♍	
	-4496 Sep 15 j 19:45	0°♍		greatest brilliancy	-4493 Mar 21 j 21:06	3°♍54'11	-4.5m
	-4496 Oct 09 j 14:28	0°♎		retrograde	-4493 Apr 05 j 01:35	7°♍24'26	
morning set	-4496 Oct 24 j 20:29	19°♎14'01		evening set	-4493 Apr 20 j 15:02	2°♍49'14	
	-4496 Nov 02 j 09:49	0°♏			-4493 Apr 25 j 09:21	30°♎	
desc. node	-4496 Nov 21 j 19:44	24°♏21'44		inferior conj	-4493 Apr 26 j 12:51	29°♎17'11	2°55'58
	-4496 Nov 26 j 07:54	0°♐		minimum elong	-4493 Apr 26 j 18:50	29°♎07'52	2°54'21
				min. Earth dist.	-4493 Apr 27 j 07:49	28°♎47'37	0.29007 AU
superior conj	-4496 Dec 06 j 02:58	12°♐14'00	0°-32'-20	morning rise	-4493 May 02 j 21:58	25°♎27'17	
minimum elong	-4496 Dec 05 j 18:51	11°♐48'41	0°32'08	desc. node	-4493 May 09 j 13:54	22°♎25'25	
max. Earth dist.	-4496 Dec 11 j 02:41	18°♐27'15	1.71865 AU	direct	-4493 May 18 j 08:01	20°♎55'11	
	-4496 Dec 20 j 09:15	0°♑		greatest brilliancy	-4493 Jun 01 j 20:17	24°♎32'54	-4.5m
	-4495 Jan 13 j 13:51	0°♒			-4493 Jun 11 j 06:57	0°♏	
evening rise	-4495 Jan 15 j 20:55	2°♒50'14		morning max el	-4493 Jul 06 j 17:02	21°♏28'22	46°12'17
	-4495 Feb 06 j 21:56	0°♓			-4493 Jul 15 j 05:01	0°♐	
	-4495 Mar 03 j 10:32	0°♋			-4493 Aug 11 j 14:40	0°♊	
asc. node	-4495 Mar 14 j 13:11	13°♋29'43		asc. node	-4493 Aug 30 j 10:20	22°♊03'24	
	-4495 Mar 28 j 05:18	0°♌			-4493 Sep 06 j 01:07	0°♌	
	-4495 Apr 22 j 08:27	0°♍			-4493 Sep 30 j 13:27	0°♍	
	-4495 May 17 j 23:42	0°♎			-4493 Oct 24 j 15:59	0°♎	
	-4495 Jun 13 j 11:56	0°♏			-4493 Nov 17 j 16:12	0°♏	
desc. node	-4495 Jul 04 j 10:40	22°♏22'33			-4493 Dec 11 j 18:06	0°♐	
	-4495 Jul 12 j 00:39	0°♑		desc. node	-4493 Dec 20 j 08:06	10°♐39'31	
evening max el	-4495 Jul 12 j 15:24	0°♑36'10	46°44'55		-4492 Jan 04 j 22:49	0°♑	
	-4495 Aug 20 j 12:38	0°♒		morning set	-4492 Jan 10 j 20:18	7°♑17'23	
greatest brilliancy	-4495 Aug 21 j 07:59	0°♒18'15	-4.7m		-4492 Jan 29 j 05:57	0°♒	
retrograde	-4495 Aug 31 j 16:43	2°♒16'50					
	-4495 Sep 11 j 08:39	30°♒		superior conj	-4492 Feb 18 j 22:39	25°♒29'12	-1°-22'-48
evening set	-4495 Sep 17 j 11:28	26°♒53'23		minimum elong	-4492 Feb 19 j 00:44	25°♒35'34	1°23'01
inferior conj	-4495 Sep 21 j 06:53	24°♒36'37	-7°-26'-47	max. Earth dist.	-4492 Feb 20 j 07:37	27°♒10'33	1.73395 AU
minimum elong	-4495 Sep 21 j 17:07	24°♒21'02	7°24'47		-4492 Feb 22 j 14:44	0°♓	
min. Earth dist.	-4495 Sep 21 j 13:03	24°♒27'14	0.26531 AU		-4492 Mar 18 j 00:50	0°♋	
morning rise	-4495 Sep 25 j 22:43	21°♒51'03		evening rise	-4492 Mar 26 j 22:15	10°♋54'18	
direct	-4495 Oct 11 j 15:29	17°♒01'25		asc. node	-4492 Apr 11 j 01:32	29°♋27'11	
greatest brilliancy	-4495 Oct 23 j 23:44	19°♒53'22	-4.7m		-4492 Apr 11 j 12:16	0°♌	
asc. node	-4495 Oct 25 j 06:38	20°♒28'50			-4492 May 06 j 01:11	0°♍	
	-4495 Nov 08 j 23:33	0°♎			-4492 May 30 j 16:05	0°♎	
morning max el	-4495 Dec 01 j 05:18	20°♎23'50	46°42'37		-4492 Jun 24 j 10:20	0°♏	
	-4495 Dec 10 j 10:55	0°♏			-4492 Jul 19 j 10:51	0°♑	
	-4494 Jan 06 j 13:01	0°♐		desc. node	-4492 Jul 31 j 22:27	14°♑46'09	
	-4494 Feb 01 j 11:44	0°♑			-4492 Aug 13 j 23:34	0°♒	
desc. node	-4494 Feb 14 j 06:04	14°♑58'53			-4492 Sep 09 j 14:37	0°♓	
	-4494 Feb 26 j 23:00	0°♒		evening max el	-4492 Sep 23 j 13:36	14°♓43'19	47°37'11
	-4494 Mar 24 j 03:06	0°♓			-4492 Oct 09 j 13:13	0°♐	
	-4494 Apr 18 j 00:59	0°♋		greatest brilliancy	-4492 Oct 31 j 20:29	15°♐36'31	-4.7m
	-4494 May 12 j 16:47	0°♌		retrograde	-4492 Nov 13 j 17:33	18°♐45'05	
morning set	-4494 May 30 j 13:52	21°♌56'51		asc. node	-4492 Nov 21 j 17:58	17°♐23'48	
	-4494 Jun 06 j 02:30	0°♍		evening set	-4492 Nov 28 j 10:44	14°♐21'14	
asc. node	-4494 Jun 07 j 00:16	1°♍07'13		min. Earth dist.	-4492 Dec 03 j 13:33	11°♐16'54	0.27149 AU
	-4494 Jun 30 j 06:38	0°♎		inferior conj	-4492 Dec 04 j 13:04	10°♐39'56	3°07'50
max. Earth dist.	-4494 Jul 01 j 09:31	1°♎23'46	1.72200 AU	minimum elong	-4492 Dec 04 j 06:42	10°♐49'56	3°05'53
				morning rise	-4492 Dec 10 j 03:29	7°♐16'52	
superior conj	-4494 Jul 05 j 22:44	7°♎04'25	1°00'57	direct	-4492 Dec 25 j 00:01	2°♐50'43	
minimum elong	-4494 Jul 05 j 13:51	6°♎36'42	1°00'51	greatest brilliancy	-4491 Jan 04 j 18:25	4°♐59'44	-4.6m
	-4494 Jul 24 j 06:30	0°♏			-4491 Feb 08 j 09:14	0°♑	
evening rise	-4494 Aug 12 j 06:12	23°♏49'39		morning max el	-4491 Feb 12 j 05:01	3°♑38'25	46°06'40
	-4494 Aug 17 j 04:10	0°♑			-4491 Mar 09 j 19:20	0°♒	
	-4494 Sep 10 j 02:01	0°♒		desc. node	-4491 Mar 13 j 17:41	4°♒15'47	
desc. node	-4494 Sep 26 j 20:58	21°♒00'16			-4491 Apr 05 j 19:03	0°♓	
	-4494 Oct 04 j 01:59	0°♓			-4491 May 01 j 17:13	0°♋	
	-4494 Oct 28 j 05:41	0°♐			-4491 May 26 j 23:14	0°♌	
	-4494 Nov 21 j 15:14	0°♑			-4491 Jun 20 j 16:45	0°♍	
	-4494 Dec 16 j 11:15	0°♒		asc. node	-4491 Jul 04 j 12:37	17°♒00'38	
	-4493 Jan 11 j 04:09	0°♓			-4491 Jul 15 j 00:06	0°♎	
asc. node	-4493 Jan 17 j 14:54	7°♓15'45			-4491 Aug 07 j 23:46	0°♏	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4491 Aug 08 j 00:25	0°☾02'03		inferior conj	-4488 Feb 14 j 04:43	20°☾55'05	8°15'32
	-4491 Aug 31 j 19:00	0°♈		minimum elong	-4488 Feb 14 j 05:07	20°☾54'28	8°15'20
				min. Earth dist.	-4488 Feb 13 j 21:29	21°☾06'42	0.29151 AU
superior conj	-4491 Sep 16 j 04:27	19°♈26'29	1°13'29	morning rise	-4488 Feb 17 j 20:14	18°☾36'59	
minimum elong	-4491 Sep 16 j 13:55	19°♈56'21	1°13'25	direct	-4488 Mar 06 j 17:14	12°☾32'44	
max. Earth dist.	-4491 Sep 17 j 05:47	20°♈46'28	1.70862 AU	greatest brilliancy	-4488 Mar 18 j 14:18	15°☾04'13	-4.5m
	-4491 Sep 24 j 13:09	0°♍		desc. node	-4488 Apr 10 j 04:45	29°☾32'46	
	-4491 Oct 18 j 08:48	0°♊			-4488 Apr 10 j 17:59	0°≈	
desc. node	-4491 Oct 24 j 09:21	7°♊33'54		morning max el	-4488 Apr 24 j 12:24	12°≈18'45	45°49'23
evening rise	-4491 Oct 28 j 08:11	12°♊31'19			-4488 May 12 j 03:11	0°♋	
	-4491 Nov 11 j 07:20	0°♌			-4488 Jun 08 j 11:38	0°♍	
	-4491 Dec 05 j 09:26	0°♎			-4488 Jul 04 j 06:22	0°♏	
	-4491 Dec 29 j 16:16	0°☿			-4488 Jul 29 j 03:00	0°♐	
	-4490 Jan 23 j 06:27	0°≈		asc. node	-4488 Aug 01 j 00:41	3°♐33'24	
asc. node	-4490 Feb 14 j 03:01	26°≈10'24			-4488 Aug 22 j 09:15	0°☾	
	-4490 Feb 17 j 08:44	0°♋			-4488 Sep 15 j 07:05	0°♈	
	-4490 Mar 15 j 07:12	0°♍			-4488 Oct 09 j 01:42	0°♍	
	-4490 Apr 11 j 19:19	0°♏		morning set	-4488 Oct 22 j 06:19	16°♍38'34	
evening max el	-4490 Apr 27 j 21:20	16°♏04'42	45°19'29		-4488 Nov 01 j 20:57	0°♊	
	-4490 May 13 j 16:34	0°♐		desc. node	-4488 Nov 20 j 21:50	23°♊53'38	
greatest brilliancy	-4490 Jun 03 j 14:58	13°♐03'56	-4.5m		-4488 Nov 25 j 18:57	0°♌	
desc. node	-4490 Jun 06 j 01:23	13°♐56'48					
retrograde	-4490 Jun 15 j 13:38	15°♐33'55		superior conj	-4488 Dec 03 j 12:31	9°♌39'35	0°-28'-42
evening set	-4490 Jul 01 j 06:28	10°♐54'57		minimum elong	-4488 Dec 03 j 05:10	9°♌16'38	0°28'31
inferior conj	-4490 Jul 06 j 15:14	7°♐46'35	-6°-30'-59	max. Earth dist.	-4488 Dec 08 j 16:19	16°♌05'46	1.71804 AU
minimum elong	-4490 Jul 06 j 04:49	8°♐02'19	6°28'41		-4488 Dec 19 j 20:15	0°♎	
min. Earth dist.	-4490 Jul 06 j 21:55	7°♐36'29	0.27753 AU	evening rise	-4487 Jan 13 j 10:04	0°☾28'36	
morning rise	-4490 Jul 11 j 02:49	5°♐07'04			-4487 Jan 13 j 00:49	0°☾	
	-4490 Jul 24 j 22:25	30°♑♏			-4487 Feb 06 j 08:57	0°≈	
direct	-4490 Jul 27 j 20:46	29°♑49'41			-4487 Mar 02 j 21:44	0°♋	
	-4490 Jul 30 j 19:58	0°♐		asc. node	-4487 Mar 13 j 15:13	13°♋01'27	
greatest brilliancy	-4490 Aug 11 j 03:14	3°♐28'44	-4.6m		-4487 Mar 27 j 16:55	0°♍	
	-4490 Sep 13 j 18:25	0°☾			-4487 Apr 21 j 20:49	0°♏	
morning max el	-4490 Sep 16 j 09:54	2°☾39'36	46°46'45		-4487 May 17 j 13:29	0°♐	
asc. node	-4490 Sep 26 j 21:39	13°☾40'22			-4487 Jun 13 j 04:31	0°☾	
	-4490 Oct 11 j 13:23	0°♈		desc. node	-4487 Jul 03 j 12:51	21°☾34'20	
	-4490 Nov 06 j 02:50	0°♍		evening max el	-4487 Jul 10 j 03:24	28°☾09'52	46°41'31
	-4490 Nov 30 j 22:32	0°♊			-4487 Jul 12 j 00:45	0°♈	
	-4490 Dec 25 j 13:14	0°♌		greatest brilliancy	-4487 Aug 18 j 21:33	27°♈50'38	-4.6m
desc. node	-4489 Jan 16 j 20:18	27°♌11'41		retrograde	-4487 Aug 29 j 03:39	29°♈47'00	
	-4489 Jan 19 j 03:31	0°♎		evening set	-4487 Sep 15 j 02:42	24°♈19'07	
	-4489 Feb 12 j 18:06	0°☿		inferior conj	-4487 Sep 18 j 18:49	22°♈07'15	-7°-40'00
	-4489 Mar 09 j 08:14	0°≈		minimum elong	-4487 Sep 19 j 04:42	21°♈52'14	7°38'11
morning set	-4489 Mar 22 j 15:25	16°≈14'57		min. Earth dist.	-4487 Sep 19 j 01:59	21°♈56'22	0.26561 AU
	-4489 Apr 02 j 21:05	0°♋		morning rise	-4487 Sep 23 j 06:35	19°♈27'13	
max. Earth dist.	-4489 Apr 25 j 05:04	27°♋23'33	1.73627 AU	direct	-4487 Oct 09 j 03:21	14°♈31'30	
	-4489 Apr 27 j 07:59	0°♍		greatest brilliancy	-4487 Oct 21 j 14:26	17°♈25'50	-4.7m
				asc. node	-4487 Oct 24 j 08:48	18°♈45'42	
superior conj	-4489 Apr 27 j 14:21	0°♍19'34	0°-27'-33		-4487 Nov 09 j 13:55	0°♍	
minimum elong	-4489 Apr 27 j 19:28	0°♍35'17	0°27'20	morning max el	-4487 Nov 28 j 17:25	17°♍54'11	46°43'39
asc. node	-4489 May 09 j 14:01	15°♍04'32			-4487 Dec 10 j 06:42	0°♊	
	-4489 May 21 j 16:34	0°♏			-4486 Jan 06 j 04:23	0°♌	
evening rise	-4489 Jun 02 j 04:42	14°♏12'44			-4486 Feb 01 j 01:06	0°♎	
	-4489 Jun 14 j 22:56	0°♐		desc. node	-4486 Feb 13 j 08:13	14°♎27'40	
	-4489 Jul 09 j 03:59	0°☾			-4486 Feb 26 j 11:16	0°☾	
	-4489 Aug 02 j 09:23	0°♈			-4486 Mar 23 j 14:39	0°≈	
	-4489 Aug 26 j 17:18	0°♍			-4486 Apr 17 j 12:06	0°♋	
desc. node	-4489 Aug 29 j 10:39	3°♍20'41			-4486 May 12 j 03:38	0°♍	
	-4489 Sep 20 j 06:21	0°♊		morning set	-4486 May 28 j 08:26	19°♍52'59	
	-4489 Oct 15 j 04:55	0°♌			-4486 Jun 05 j 13:15	0°♏	
	-4489 Nov 09 j 23:38	0°♎		asc. node	-4486 Jun 06 j 02:30	0°♏40'55	
evening max el	-4489 Dec 04 j 14:39	26°♎36'24	46°37'33	max. Earth dist.	-4486 Jun 29 j 03:47	29°♏17'36	1.72263 AU
	-4489 Dec 08 j 00:02	0°☿			-4486 Jun 29 j 17:24	0°♐	
asc. node	-4489 Dec 20 j 05:29	11°☿22'48					
greatest brilliancy	-4488 Jan 08 j 21:19	25°☿17'29	-4.6m	superior conj	-4486 Jul 03 j 16:04	4°♐55'09	0°58'40
retrograde	-4488 Jan 23 j 20:59	29°☿20'01		minimum elong	-4486 Jul 03 j 07:13	4°♐27'32	0°58'34
evening set	-4488 Feb 10 j 14:14	23°☿12'11			-4486 Jul 23 j 17:21	0°☾	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening rise	-4486 Aug 09 j 20:25	21° \mathfrak{C} 29'17		morning max el	-4483 Feb 09 j 20:31	1° \mathfrak{X} 24'13	46°07'49
	-4486 Aug 16 j 15:11	0° \mathfrak{Q}			-4483 Mar 09 j 11:43	0° \mathfrak{C}	
	-4486 Sep 09 j 13:14	0° \mathfrak{M}		desc. node	-4483 Mar 12 j 19:40	3° \mathfrak{C} 37'49	
desc. node	-4486 Sep 25 j 22:56	20° \mathfrak{M} 30'49			-4483 Apr 05 j 08:41	0° \approx	
	-4486 Oct 03 j 13:29	0° \mathfrak{L}			-4483 May 01 j 05:32	0° \mathfrak{K}	
	-4486 Oct 27 j 17:30	0° \mathfrak{M}			-4483 May 26 j 10:50	0° \mathfrak{Y}	
	-4486 Nov 21 j 03:29	0° \mathfrak{X}			-4483 Jun 20 j 03:59	0° \mathfrak{B}	
	-4486 Dec 16 j 00:16	0° \mathfrak{C}		asc. node	-4483 Jul 03 j 14:42	16° \mathfrak{B} 32'50	
	-4485 Jan 10 j 18:53	0° \approx			-4483 Jul 14 j 11:08	0° \mathfrak{H}	
asc. node	-4485 Jan 16 j 17:08	6° \approx 38'58		morning set	-4483 Aug 05 j 14:47	27° \mathfrak{H} 41'53	
	-4485 Feb 07 j 15:32	0° \mathfrak{K}			-4483 Aug 07 j 10:45	0° \mathfrak{C}	
evening max el	-4485 Feb 13 j 09:11	5° \mathfrak{K} 39'23	45°18'14		-4483 Aug 31 j 06:00	0° \mathfrak{Q}	
	-4485 Mar 16 j 01:05	0° \mathfrak{Y}					
greatest brilliancy	-4485 Mar 19 j 10:31	1° \mathfrak{Y} 43'19	-4.5m	superior conj	-4483 Sep 13 j 15:46	16° \mathfrak{Q} 55'46	1°15'15
retrograde	-4485 Apr 02 j 18:05	5° \mathfrak{Y} 17'36		minimum elong	-4483 Sep 14 j 00:35	17° \mathfrak{Q} 23'38	1°15'13
evening set	-4485 Apr 18 j 09:23	0° \mathfrak{Y} 38'44		max. Earth dist.	-4483 Sep 14 j 12:04	17° \mathfrak{Q} 59'53	1.70867 AU
	-4485 Apr 19 j 12:47	30° \mathfrak{R} \mathfrak{K}			-4483 Sep 24 j 00:12	0° \mathfrak{M}	
inferior conj	-4485 Apr 24 j 05:20	27° \mathfrak{K} 09'15	3°13'42		-4483 Oct 17 j 19:55	0° \mathfrak{L}	
minimum elong	-4485 Apr 24 j 11:49	26° \mathfrak{K} 59'09	3°11'58	desc. node	-4483 Oct 23 j 11:32	7° \mathfrak{L} 05'50	
min. Earth dist.	-4485 Apr 25 j 00:26	26° \mathfrak{K} 39'29	0.29046 AU	evening rise	-4483 Oct 25 j 16:50	9° \mathfrak{L} 53'04	
morning rise	-4485 Apr 30 j 13:36	23° \mathfrak{K} 20'32			-4483 Nov 10 j 18:30	0° \mathfrak{M}	
desc. node	-4485 May 08 j 16:07	19° \mathfrak{K} 50'12			-4483 Dec 04 j 20:42	0° \mathfrak{X}	
direct	-4485 May 16 j 00:22	18° \mathfrak{K} 46'22			-4483 Dec 29 j 03:43	0° \mathfrak{C}	
greatest brilliancy	-4485 May 30 j 13:13	22° \mathfrak{K} 24'43	-4.5m		-4482 Jan 22 j 18:18	0° \approx	
	-4485 Jun 12 j 01:22	0° \mathfrak{Y}		asc. node	-4482 Feb 13 j 05:01	25° \approx 39'19	
morning max el	-4485 Jul 04 j 09:27	19° \mathfrak{Y} 17'50	46°11'13		-4482 Feb 16 j 21:23	0° \mathfrak{K}	
	-4485 Jul 15 j 00:04	0° \mathfrak{B}			-4482 Mar 14 j 21:31	0° \mathfrak{Y}	
	-4485 Aug 11 j 05:25	0° \mathfrak{H}			-4482 Apr 11 j 13:43	0° \mathfrak{B}	
asc. node	-4485 Aug 29 j 12:23	21° \mathfrak{H} 29'34		evening max el	-4482 Apr 25 j 12:54	13° \mathfrak{B} 52'37	45°17'48
	-4485 Sep 05 j 14:10	0° \mathfrak{C}			-4482 May 14 j 04:29	0° \mathfrak{H}	
	-4485 Sep 30 j 01:39	0° \mathfrak{Q}		greatest brilliancy	-4482 Jun 01 j 02:50	10° \mathfrak{H} 45'02	-4.5m
	-4485 Oct 24 j 03:44	0° \mathfrak{M}		desc. node	-4482 Jun 05 j 03:34	12° \mathfrak{H} 07'11	
	-4485 Nov 17 j 03:41	0° \mathfrak{L}		retrograde	-4482 Jun 13 j 03:04	13° \mathfrak{H} 16'08	
	-4485 Dec 11 j 05:22	0° \mathfrak{M}		evening set	-4482 Jun 28 j 17:13	8° \mathfrak{H} 41'35	
desc. node	-4485 Dec 19 j 10:16	10° \mathfrak{M} 11'32		inferior conj	-4482 Jul 04 j 05:10	5° \mathfrak{H} 28'25	-6°-15'-31
	-4484 Jan 04 j 09:54	0° \mathfrak{X}		minimum elong	-4482 Jul 03 j 18:45	5° \mathfrak{H} 44'11	6°13'09
morning set	-4484 Jan 08 j 08:24	4° \mathfrak{X} 52'17		min. Earth dist.	-4482 Jul 04 j 11:55	5° \mathfrak{H} 18'10	0.27795 AU
	-4484 Jan 28 j 16:51	0° \mathfrak{C}		morning rise	-4482 Jul 08 j 19:56	2° \mathfrak{H} 44'02	
					-4482 Jul 14 j 05:52	30° \mathfrak{R} \mathfrak{B}	
superior conj	-4484 Feb 16 j 14:39	23° \mathfrak{C} 17'36	-1°-23'-7	direct	-4482 Jul 25 j 11:50	27° \mathfrak{B} 30'49	
minimum elong	-4484 Feb 16 j 16:01	23° \mathfrak{C} 21'47	1°23'21		-4482 Aug 06 j 03:30	0° \mathfrak{H}	
max. Earth dist.	-4484 Feb 18 j 01:12	25° \mathfrak{C} 03'51	1.73358 AU	greatest brilliancy	-4482 Aug 08 j 17:46	1° \mathfrak{H} 08'58	-4.6m
	-4484 Feb 22 j 01:30	0° \approx			-4482 Sep 13 j 17:26	0° \mathfrak{C}	
	-4484 Mar 17 j 11:35	0° \mathfrak{K}		morning max el	-4482 Sep 13 j 23:38	0° \mathfrak{C} 15'42	46°45'57
evening rise	-4484 Mar 24 j 16:24	8° \mathfrak{K} 49'51		asc. node	-4482 Sep 25 j 23:44	12° \mathfrak{C} 54'17	
asc. node	-4484 Apr 10 j 03:36	29° \mathfrak{K} 00'13			-4482 Oct 11 j 05:50	0° \mathfrak{Q}	
	-4484 Apr 10 j 23:08	0° \mathfrak{Y}			-4482 Nov 05 j 16:56	0° \mathfrak{M}	
	-4484 May 05 j 12:20	0° \mathfrak{B}			-4482 Nov 30 j 11:25	0° \mathfrak{L}	
	-4484 May 30 j 03:42	0° \mathfrak{H}			-4482 Dec 25 j 01:22	0° \mathfrak{M}	
	-4484 Jun 23 j 22:37	0° \mathfrak{C}		desc. node	-4481 Jan 15 j 22:23	26° \mathfrak{M} 42'30	
	-4484 Jul 19 j 00:11	0° \mathfrak{Q}			-4481 Jan 18 j 15:08	0° \mathfrak{X}	
desc. node	-4484 Jul 31 j 00:36	14° \mathfrak{Q} 11'05			-4481 Feb 12 j 05:21	0° \mathfrak{C}	
	-4484 Aug 13 j 14:42	0° \mathfrak{M}			-4481 Mar 08 j 19:15	0° \approx	
	-4484 Sep 09 j 09:33	0° \mathfrak{L}		morning set	-4481 Mar 20 j 09:32	14° \approx 10'17	
evening max el	-4484 Sep 21 j 04:37	12° \mathfrak{L} 22'12	47°37'23		-4481 Apr 02 j 07:57	0° \mathfrak{K}	
	-4484 Oct 09 j 22:15	0° \mathfrak{M}		max. Earth dist.	-4481 Apr 23 j 02:18	25° \mathfrak{K} 28'09	1.73646 AU
greatest brilliancy	-4484 Oct 29 j 11:59	13° \mathfrak{M} 13'21	-4.7m				
retrograde	-4484 Nov 11 j 08:21	16° \mathfrak{M} 20'57		superior conj	-4481 Apr 25 j 09:24	28° \mathfrak{K} 17'24	0°-30'-23
asc. node	-4484 Nov 20 j 20:11	14° \mathfrak{M} 26'56		minimum elong	-4481 Apr 25 j 14:58	28° \mathfrak{K} 34'32	0°30'10
evening set	-4484 Nov 25 j 23:48	11° \mathfrak{M} 58'37			-4481 Apr 26 j 18:47	0° \mathfrak{Y}	
min. Earth dist.	-4484 Dec 01 j 03:53	8° \mathfrak{M} 52'50	0.27085 AU	asc. node	-4481 May 08 j 16:13	14° \mathfrak{Y} 38'02	
inferior conj	-4484 Dec 02 j 02:59	8° \mathfrak{M} 16'38	2°46'56		-4481 May 21 j 03:25	0° \mathfrak{B}	
minimum elong	-4484 Dec 01 j 21:14	8° \mathfrak{M} 25'39	2°45'06	evening rise	-4481 May 30 j 23:52	12° \mathfrak{B} 09'52	
morning rise	-4484 Dec 07 j 19:30	4° \mathfrak{M} 51'20			-4481 Jun 14 j 09:58	0° \mathfrak{H}	
direct	-4484 Dec 22 j 13:31	0° \mathfrak{M} 28'25			-4481 Jul 08 j 15:20	0° \mathfrak{C}	
greatest brilliancy	-4483 Jan 02 j 08:20	2° \mathfrak{M} 38'32	-4.6m		-4481 Aug 01 j 21:09	0° \mathfrak{Q}	
	-4483 Feb 08 j 09:30	0° \mathfrak{X}			-4481 Aug 26 j 05:35	0° \mathfrak{M}	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

desc. node	-4481 Aug 28 j 12:40	2°♄48'57			-4478 May 11 j 14:43	0°♄		
	-4481 Sep 19 j 19:20	0°♄		morning set	-4478 May 26 j 03:10	17°♄48'55		
	-4481 Oct 14 j 19:01	0°♄		asc. node	-4478 Jun 05 j 04:36	0°♄13'22		
	-4481 Nov 09 j 16:00	0°♄			-4478 Jun 05 j 00:16	0°♄		
evening max el	-4481 Dec 02 j 06:14	24°♄19'53	46°40'42	max. Earth dist.	-4478 Jun 26 j 23:02	27°♄13'34	1.72329 AU	
	-4481 Dec 07 j 23:12	0°♄			-4478 Jun 29 j 04:28	0°♄		
asc. node	-4481 Dec 19 j 07:40	10°♄22'10						
greatest brilliancy	-4480 Jan 06 j 16:16	23°♄09'35	-4.6m	superior conj	-4478 Jul 01 j 09:27	2°♄45'11	0°56'20	
retrograde	-4480 Jan 21 j 13:45	27°♄10'09		minimum elong	-4478 Jul 01 j 00:42	2°♄17'52	0°56'12	
evening set	-4480 Feb 08 j 06:51	21°♄03'18			-4478 Jul 23 j 04:32	0°♄		
inferior conj	-4480 Feb 11 j 21:43	18°♄45'27	8°16'06	evening rise	-4478 Aug 07 j 10:48	19°♄08'25		
minimum elong	-4480 Feb 11 j 21:24	18°♄45'57	8°15'54		-4478 Aug 16 j 02:31	0°♄		
min. Earth dist.	-4480 Feb 11 j 13:19	18°♄58'57	0.29108 AU		-4478 Sep 09 j 00:46	0°♄		
morning rise	-4480 Feb 15 j 12:12	16°♄28'40		desc. node	-4478 Sep 25 j 01:07	20°♄01'02		
direct	-4480 Mar 04 j 09:31	10°♄23'56			-4478 Oct 03 j 01:16	0°♄		
greatest brilliancy	-4480 Mar 16 j 03:46	12°♄52'19	-4.5m		-4478 Oct 27 j 05:37	0°♄		
desc. node	-4480 Apr 09 j 06:59	28°♄34'24			-4478 Nov 20 j 16:05	0°♄		
	-4480 Apr 10 j 23:29	0°♄			-4478 Dec 15 j 13:43	0°♄		
morning max el	-4480 Apr 22 j 03:32	10°♄07'12	45°49'11		-4477 Jan 10 j 10:11	0°♄		
	-4480 May 11 j 20:32	0°♄		asc. node	-4477 Jan 15 j 19:11	6°♄00'22		
	-4480 Jun 08 j 01:43	0°♄			-4477 Feb 07 j 12:03	0°♄		
	-4480 Jul 03 j 19:02	0°♄		evening max el	-4477 Feb 11 j 00:43	3°♄27'24	45°20'09	
	-4480 Jul 28 j 14:58	0°♄		greatest brilliancy	-4477 Mar 17 j 00:28	29°♄32'35	-4.5m	
asc. node	-4480 Jul 31 j 02:44	3°♄03'11			-4477 Mar 18 j 00:32	0°♄		
	-4480 Aug 21 j 20:52	0°♄		retrograde	-4477 Mar 31 j 11:11	3°♄10'21		
	-4480 Sep 14 j 18:33	0°♄			-4477 Apr 13 j 05:09	30°♄		
	-4480 Oct 08 j 13:05	0°♄		evening set	-4477 Apr 16 j 03:59	28°♄27'54		
morning set	-4480 Oct 19 j 16:11	14°♄02'36		inferior conj	-4477 Apr 21 j 21:57	25°♄00'56	3°30'56	
	-4480 Nov 01 j 08:16	0°♄		minimum elong	-4477 Apr 22 j 04:54	24°♄50'08	3°29'08	
desc. node	-4480 Nov 20 j 00:00	23°♄25'05		min. Earth dist.	-4477 Apr 22 j 16:45	24°♄31'39	0.29082 AU	
	-4480 Nov 25 j 06:13	0°♄		morning rise	-4477 Apr 28 j 05:15	21°♄13'42		
				desc. node	-4477 May 07 j 18:15	17°♄19'34		
superior conj	-4480 Nov 30 j 22:05	7°♄04'32	0°-25'00	direct	-4477 May 13 j 17:19	16°♄37'23		
minimum elong	-4480 Nov 30 j 15:34	6°♄44'10	0°24'49	greatest brilliancy	-4477 May 28 j 05:44	20°♄15'45	-4.5m	
max. Earth dist.	-4480 Dec 06 j 03:08	13°♄34'49	1.71740 AU		-4477 Jun 12 j 15:23	0°♄		
	-4480 Dec 19 j 07:27	0°♄		morning max el	-4477 Jul 02 j 02:25	17°♄08'09	46°09'55	
evening rise	-4479 Jan 10 j 23:12	28°♄06'15			-4477 Jul 14 j 18:58	0°♄		
	-4479 Jan 12 j 11:58	0°♄			-4477 Aug 10 j 20:21	0°♄		
	-4479 Feb 05 j 20:08	0°♄		asc. node	-4477 Aug 28 j 14:30	20°♄55'00		
	-4479 Mar 02 j 09:06	0°♄			-4477 Sep 05 j 03:31	0°♄		
asc. node	-4479 Mar 12 j 17:21	12°♄32'59			-4477 Sep 29 j 14:12	0°♄		
	-4479 Mar 27 j 04:43	0°♄			-4477 Oct 23 j 15:50	0°♄		
	-4479 Apr 21 j 09:28	0°♄			-4477 Nov 16 j 15:30	0°♄		
	-4479 May 17 j 03:40	0°♄			-4477 Dec 10 j 16:58	0°♄		
	-4479 Jun 12 j 21:44	0°♄		desc. node	-4477 Dec 18 j 12:18	9°♄42'07		
desc. node	-4479 Jul 02 j 14:57	20°♄44'20			-4476 Jan 03 j 21:18	0°♄		
evening max el	-4479 Jul 07 j 14:58	25°♄41'56	46°38'14	morning set	-4476 Jan 05 j 20:14	2°♄25'14		
	-4479 Jul 12 j 02:22	0°♄			-4476 Jan 28 j 04:05	0°♄		
greatest brilliancy	-4479 Aug 16 j 10:28	25°♄21'54	-4.6m					
retrograde	-4479 Aug 26 j 14:48	27°♄17'07		superior conj	-4476 Feb 14 j 06:27	21°♄04'11	-1°-23'-19	
evening set	-4479 Sep 12 j 17:51	21°♄44'31		minimum elong	-4476 Feb 14 j 07:04	21°♄06'03	1°23'32	
inferior conj	-4479 Sep 16 j 06:51	19°♄37'31	-7°-52'-9	max. Earth dist.	-4476 Feb 15 j 19:48	22°♄59'08	1.73320 AU	
minimum elong	-4479 Sep 16 j 16:17	19°♄23'13	7°50'32		-4476 Feb 21 j 12:38	0°♄		
min. Earth dist.	-4479 Sep 16 j 14:51	19°♄25'23	0.26594 AU		-4476 Mar 16 j 22:42	0°♄		
morning rise	-4479 Sep 20 j 14:32	17°♄03'22		evening rise	-4476 Mar 22 j 10:34	6°♄44'19		
direct	-4479 Oct 06 j 15:20	12°♄01'01		asc. node	-4476 Apr 09 j 05:51	28°♄32'49		
greatest brilliancy	-4479 Oct 19 j 05:55	14°♄58'52	-4.7m		-4476 Apr 10 j 10:21	0°♄		
asc. node	-4479 Oct 23 j 11:04	17°♄06'10			-4476 May 04 j 23:48	0°♄		
	-4479 Nov 10 j 00:58	0°♄			-4476 May 29 j 15:37	0°♄		
morning max el	-4479 Nov 26 j 06:12	15°♄25'19	46°44'38		-4476 Jun 23 j 11:16	0°♄		
	-4479 Dec 10 j 02:12	0°♄			-4476 Jul 18 j 13:58	0°♄		
	-4478 Jan 05 j 19:49	0°♄		desc. node	-4476 Jul 30 j 02:35	13°♄34'15		
	-4478 Jan 31 j 14:39	0°♄			-4476 Aug 13 j 06:27	0°♄		
desc. node	-4478 Feb 12 j 10:12	13°♄55'21			-4476 Sep 09 j 05:31	0°♄		
	-4478 Feb 25 j 23:43	0°♄		evening max el	-4476 Sep 18 j 20:24	10°♄01'40	47°37'24	
	-4478 Mar 23 j 02:25	0°♄			-4476 Oct 10 j 11:08	0°♄		
	-4478 Apr 16 j 23:25	0°♄		greatest brilliancy	-4476 Oct 27 j 03:50	10°♄49'01	-4.7m	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

retrograde	-4476 Nov 08 j 23:11	13° \mathbb{M} 54'44		max. Earth dist.	-4473 Apr 20 j 22:01	23° \mathbb{K} 27'40	1.73664 AU
asc. node	-4476 Nov 19 j 22:17	11° \mathbb{M} 23'16					
evening set	-4476 Nov 23 j 12:58	9° \mathbb{M} 34'03		superior conj	-4473 Apr 23 j 04:20	26° \mathbb{K} 14'25	0°-33'-11
min. Earth dist.	-4476 Nov 28 j 17:57	6° \mathbb{M} 27'01	0.27019 AU	minimum elong	-4473 Apr 23 j 10:20	26° \mathbb{K} 32'53	0°32'58
inferior conj	-4476 Nov 29 j 16:42	5° \mathbb{M} 51'26	2°25'29		-4473 Apr 26 j 05:46	0° \mathbb{Y}	
minimum elong	-4476 Nov 29 j 11:37	5° \mathbb{M} 59'24	2°23'49	asc. node	-4473 May 07 j 18:17	14° \mathbb{Y} 10'32	
morning rise	-4476 Dec 05 j 11:12	2° \mathbb{M} 24'00			-4473 May 20 j 14:27	0° \mathbb{B}	
	-4476 Dec 10 j 11:52	30° \mathbb{R} $\underline{\mathbb{A}}$		evening rise	-4473 May 28 j 19:06	10° \mathbb{B} 06'45	
direct	-4476 Dec 20 j 03:10	28° $\underline{\mathbb{A}}$ 04'31			-4473 Jun 13 j 21:10	0° \mathbb{II}	
	-4476 Dec 30 j 05:35	0° \mathbb{M}			-4473 Jul 08 j 02:48	0° \mathbb{B}	
greatest brilliancy	-4476 Dec 30 j 21:20	0° \mathbb{M} 14'42	-4.6m		-4473 Aug 01 j 08:59	0° \mathbb{Q}	
morning max el	-4475 Feb 07 j 11:36	29° \mathbb{M} 07'48	46°08'54		-4473 Aug 25 j 17:55	0° \mathbb{M}	
	-4475 Feb 08 j 09:06	0° \mathbb{J}		desc. node	-4473 Aug 27 j 14:53	2° \mathbb{M} 17'48	
	-4475 Mar 09 j 04:11	0° \mathbb{B}			-4473 Sep 19 j 08:23	0° $\underline{\mathbb{A}}$	
desc. node	-4475 Mar 11 j 21:54	2° \mathbb{B} 59'57			-4473 Oct 14 j 09:17	0° \mathbb{M}	
	-4475 Apr 04 j 22:33	0° \approx			-4473 Nov 09 j 08:47	0° \mathbb{J}	
	-4475 Apr 30 j 18:06	0° \mathbb{K}		evening max el	-4473 Nov 29 j 20:48	22° \mathbb{J} 00'02	46°43'41
	-4475 May 25 j 22:41	0° \mathbb{Y}			-4473 Dec 07 j 23:43	0° \mathbb{B}	
	-4475 Jun 19 j 15:27	0° \mathbb{B}		asc. node	-4473 Dec 18 j 09:46	9° \mathbb{B} 19'08	
asc. node	-4475 Jul 02 j 16:49	16° \mathbb{B} 04'22		greatest brilliancy	-4472 Jan 04 j 10:36	20° \mathbb{B} 59'30	-4.6m
	-4475 Jul 13 j 22:24	0° \mathbb{II}		retrograde	-4472 Jan 19 j 06:12	24° \mathbb{B} 58'53	
morning set	-4475 Aug 03 j 05:29	25° \mathbb{II} 22'10		evening set	-4472 Feb 05 j 22:53	18° \mathbb{B} 53'20	
	-4475 Aug 06 j 21:58	0° \mathbb{B}		min. Earth dist.	-4472 Feb 09 j 05:05	16° \mathbb{B} 49'29	0.29064 AU
	-4475 Aug 30 j 17:16	0° \mathbb{Q}		inferior conj	-4472 Feb 09 j 14:28	16° \mathbb{B} 34'24	8°15'55
				minimum elong	-4472 Feb 09 j 13:27	16° \mathbb{B} 36'02	8°15'41
superior conj	-4475 Sep 11 j 03:17	14° \mathbb{Q} 24'54	1°16'51	morning rise	-4472 Feb 13 j 04:13	14° \mathbb{B} 18'36	
minimum elong	-4475 Sep 11 j 11:25	14° \mathbb{Q} 50'35	1°16'52	direct	-4472 Mar 02 j 01:06	8° \mathbb{B} 13'40	
max. Earth dist.	-4475 Sep 11 j 15:26	15° \mathbb{Q} 03'17	1.70883 AU	greatest brilliancy	-4472 Mar 13 j 18:05	10° \mathbb{B} 40'20	-4.5m
	-4475 Sep 23 j 11:34	0° \mathbb{M}		desc. node	-4472 Apr 08 j 09:10	27° \mathbb{B} 36'44	
	-4475 Oct 17 j 07:22	0° $\underline{\mathbb{A}}$			-4472 Apr 11 j 03:23	0° \approx	
desc. node	-4475 Oct 22 j 13:40	6° $\underline{\mathbb{A}}$ 36'33		morning max el	-4472 Apr 19 j 18:17	7° \approx 54'16	45°49'09
evening rise	-4475 Oct 23 j 01:04	7° $\underline{\mathbb{A}}$ 12'20			-4472 May 11 j 13:38	0° \mathbb{K}	
	-4475 Nov 10 j 06:00	0° \mathbb{M}			-4472 Jun 07 j 15:43	0° \mathbb{Y}	
	-4475 Dec 04 j 08:17	0° \mathbb{J}			-4472 Jul 03 j 07:40	0° \mathbb{B}	
	-4475 Dec 28 j 15:31	0° \mathbb{B}			-4472 Jul 28 j 02:54	0° \mathbb{II}	
	-4474 Jan 22 j 06:30	0° \approx		asc. node	-4472 Jul 30 j 04:52	2° \mathbb{II} 33'13	
asc. node	-4474 Feb 12 j 07:11	25° \approx 07'41			-4472 Aug 21 j 08:27	0° \mathbb{B}	
	-4474 Feb 16 j 10:26	0° \mathbb{K}			-4472 Sep 14 j 05:55	0° \mathbb{Q}	
	-4474 Mar 14 j 12:21	0° \mathbb{Y}			-4472 Oct 08 j 00:20	0° \mathbb{M}	
	-4474 Apr 11 j 08:57	0° \mathbb{B}		morning set	-4472 Oct 17 j 02:32	11° \mathbb{M} 28'28	
evening max el	-4474 Apr 23 j 03:50	11° \mathbb{B} 38'15	45°16'13		-4472 Oct 31 j 19:28	0° $\underline{\mathbb{A}}$	
	-4474 May 14 j 20:44	0° \mathbb{II}		desc. node	-4472 Nov 19 j 02:01	22° $\underline{\mathbb{A}}$ 56'24	
greatest brilliancy	-4474 May 29 j 15:44	8° \mathbb{II} 27'01	-4.5m		-4472 Nov 24 j 17:21	0° \mathbb{M}	
desc. node	-4474 Jun 04 j 05:39	10° \mathbb{II} 13'04					
retrograde	-4474 Jun 10 j 16:19	10° \mathbb{II} 58'33		superior conj	-4472 Nov 28 j 07:43	4° \mathbb{M} 29'56	0°-21'-14
evening set	-4474 Jun 26 j 04:19	6° \mathbb{II} 28'06		minimum elong	-4472 Nov 28 j 02:05	4° \mathbb{M} 12'19	0°21'06
inferior conj	-4474 Jul 01 j 19:17	3° \mathbb{II} 10'36	-5°-59'-39	max. Earth dist.	-4472 Dec 03 j 11:51	10° \mathbb{M} 57'31	1.71684 AU
minimum elong	-4474 Jul 01 j 08:57	3° \mathbb{II} 26'18	5°57'11		-4472 Dec 18 j 18:35	0° \mathbb{J}	
min. Earth dist.	-4474 Jul 02 j 02:28	2° \mathbb{II} 59'41	0.27833 AU	evening rise	-4471 Jan 08 j 12:02	25° \mathbb{J} 43'03	
morning rise	-4474 Jul 06 j 13:09	0° \mathbb{II} 21'27			-4471 Jan 11 j 23:06	0° \mathbb{B}	
	-4474 Jul 07 j 04:27	30° \mathbb{R} \mathbb{B}			-4471 Feb 05 j 07:18	0° \approx	
direct	-4474 Jul 23 j 02:30	25° \mathbb{B} 12'18			-4471 Mar 01 j 20:29	0° \mathbb{K}	
greatest brilliancy	-4474 Aug 06 j 08:32	28° \mathbb{B} 49'41	-4.6m	asc. node	-4471 Mar 11 j 19:33	12° \mathbb{K} 04'44	
	-4474 Aug 08 j 15:55	0° \mathbb{II}			-4471 Mar 26 j 16:34	0° \mathbb{Y}	
morning max el	-4474 Sep 11 j 12:22	27° \mathbb{II} 49'09	46°45'02		-4471 Apr 20 j 22:11	0° \mathbb{B}	
	-4474 Sep 13 j 15:37	0° \mathbb{B}			-4471 May 16 j 17:58	0° \mathbb{II}	
asc. node	-4474 Sep 25 j 02:05	12° \mathbb{B} 09'17			-4471 Jun 12 j 15:15	0° \mathbb{B}	
	-4474 Oct 10 j 22:09	0° \mathbb{Q}		desc. node	-4471 Jul 01 j 17:03	19° \mathbb{B} 53'40	
	-4474 Nov 05 j 07:05	0° \mathbb{M}		evening max el	-4471 Jul 05 j 02:52	23° \mathbb{B} 15'17	46°35'03
	-4474 Nov 30 j 00:28	0° $\underline{\mathbb{A}}$			-4471 Jul 12 j 05:19	0° \mathbb{Q}	
	-4474 Dec 24 j 13:43	0° \mathbb{M}		greatest brilliancy	-4471 Aug 13 j 22:28	22° \mathbb{Q} 52'47	-4.6m
desc. node	-4473 Jan 15 j 00:28	26° \mathbb{M} 12'36		retrograde	-4471 Aug 24 j 02:40	24° \mathbb{Q} 48'05	
	-4473 Jan 18 j 02:58	0° \mathbb{J}		evening set	-4471 Sep 10 j 08:56	19° \mathbb{Q} 10'42	
	-4473 Feb 11 j 16:48	0° \mathbb{B}		inferior conj	-4471 Sep 13 j 18:53	17° \mathbb{Q} 08'27	-8°-3'-27
	-4473 Mar 08 j 06:26	0° \approx		minimum elong	-4471 Sep 14 j 03:48	16° \mathbb{Q} 54'57	8°02'01
morning set	-4473 Mar 18 j 03:16	12° \approx 03'51		min. Earth dist.	-4471 Sep 14 j 03:18	16° \mathbb{Q} 55'42	0.26624 AU
	-4473 Apr 01 j 18:58	0° \mathbb{K}		morning rise	-4471 Sep 17 j 22:29	14° \mathbb{Q} 40'28	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

direct	-4471 Oct 04 j 03:39	9°♌31'20		asc. node	-4468 Apr 08 j 07:54	28°♋05'53	
greatest brilliancy	-4471 Oct 16 j 20:56	12°♌32'23	-4.7m		-4468 Apr 09 j 21:13	0°♍	
asc. node	-4471 Oct 22 j 13:07	15°♌30'57			-4468 May 04 j 10:58	0°♎	
	-4471 Nov 10 j 08:45	0°♏			-4468 May 29 j 03:15	0°♐	
morning max el	-4471 Nov 23 j 19:51	12°♏59'37	46°45'39		-4468 Jun 22 j 23:39	0°♑	
	-4471 Dec 09 j 20:50	0°♒			-4468 Jul 18 j 03:33	0°♓	
	-4470 Jan 05 j 10:46	0°♋		desc. node	-4468 Jul 29 j 04:49	12°♓58'56	
	-4470 Jan 31 j 03:52	0°♌			-4468 Aug 12 j 22:05	0°♏	
desc. node	-4470 Feb 11 j 12:26	13°♌24'28			-4468 Sep 09 j 01:43	0°♐	
	-4470 Feb 25 j 11:55	0°♑		evening max el	-4468 Sep 16 j 12:14	7°♐42'14	47°37'12
	-4470 Mar 22 j 13:59	0°♒			-4468 Oct 11 j 03:39	0°♋	
	-4470 Apr 16 j 10:35	0°♋		greatest brilliancy	-4468 Oct 24 j 20:35	8°♋26'43	-4.7m
	-4470 May 11 j 01:39	0°♌		retrograde	-4468 Nov 06 j 13:42	11°♋29'06	
morning set	-4470 May 23 j 21:43	15°♌44'54		asc. node	-4468 Nov 19 j 00:27	8°♋15'45	
asc. node	-4470 Jun 04 j 06:39	29°♌46'12		evening set	-4468 Nov 21 j 02:18	7°♋10'09	
	-4470 Jun 04 j 11:07	0°♍		min. Earth dist.	-4468 Nov 26 j 08:13	4°♋01'43	0.26951 AU
max. Earth dist.	-4470 Jun 24 j 18:01	25°♍09'27	1.72391 AU	inferior conj	-4468 Nov 27 j 06:21	3°♋27'05	2°03'30
	-4470 Jun 28 j 15:20	0°♎		minimum elong	-4468 Nov 27 j 01:59	3°♋33'56	2°02'04
				morning rise	-4468 Dec 03 j 02:40	29°♎57'31	
superior conj	-4470 Jun 29 j 02:42	0°♎35'25	0°53'54		-4468 Dec 03 j 00:51	30°♎	
minimum elong	-4470 Jun 28 j 18:05	0°♎08'33	0°53'45	direct	-4468 Dec 17 j 16:48	25°♎41'37	
	-4470 Jul 22 j 15:31	0°♏		greatest brilliancy	-4468 Dec 28 j 10:10	27°♎51'28	-4.6m
evening rise	-4470 Aug 05 j 01:15	16°♏48'29			-4467 Jan 02 j 04:20	0°♋	
	-4470 Aug 15 j 13:40	0°♓		morning max el	-4467 Feb 05 j 01:46	26°♋50'21	46°10'10
	-4470 Sep 08 j 12:07	0°♏			-4467 Feb 08 j 07:11	0°♌	
desc. node	-4470 Sep 24 j 03:15	19°♏31'48			-4467 Mar 08 j 19:50	0°♍	
	-4470 Oct 02 j 12:51	0°♐		desc. node	-4467 Mar 11 j 00:03	2°♍23'38	
	-4470 Oct 26 j 17:29	0°♑			-4467 Apr 04 j 11:47	0°♒	
	-4470 Nov 20 j 04:22	0°♒			-4467 Apr 30 j 06:10	0°♋	
	-4470 Dec 15 j 02:52	0°♑			-4467 May 25 j 10:08	0°♌	
asc. node	-4469 Jan 10 j 01:16	0°♒			-4467 Jun 19 j 02:33	0°♍	
	-4469 Jan 14 j 21:22	5°♒22'57		asc. node	-4467 Jul 01 j 19:00	15°♍37'08	
	-4469 Feb 07 j 08:52	0°♋			-4467 Jul 13 j 09:21	0°♎	
evening max el	-4469 Feb 08 j 17:00	1°♋18'12	45°21'54	morning set	-4467 Jul 31 j 20:07	23°♎03'19	
greatest brilliancy	-4469 Mar 14 j 15:31	27°♋24'00	-4.5m		-4467 Aug 06 j 08:52	0°♏	
	-4469 Mar 21 j 14:15	0°♌			-4467 Aug 30 j 04:13	0°♓	
retrograde	-4469 Mar 29 j 04:13	1°♌03'34					
	-4469 Apr 05 j 11:30	30°♌		superior conj	-4467 Sep 08 j 14:52	11°♌55'24	1°18'18
evening set	-4469 Apr 13 j 22:42	26°♌17'43		minimum elong	-4467 Sep 08 j 22:15	12°♌18'42	1°18'20
inferior conj	-4469 Apr 19 j 14:33	22°♌53'12	3°47'58	max. Earth dist.	-4467 Sep 08 j 17:03	12°♌02'16	1.70901 AU
minimum elong	-4469 Apr 19 j 21:54	22°♌41'43	3°46'05		-4467 Sep 22 j 22:35	0°♏	
min. Earth dist.	-4469 Apr 20 j 08:47	22°♌24'44	0.29119 AU		-4467 Oct 16 j 18:28	0°♐	
morning rise	-4469 Apr 25 j 20:41	19°♌07'34		evening rise	-4467 Oct 20 j 09:14	4°♐32'27	
desc. node	-4469 May 06 j 20:18	14°♌54'12		desc. node	-4467 Oct 21 j 15:39	6°♐07'53	
direct	-4469 May 11 j 10:36	14°♌29'11			-4467 Nov 09 j 17:11	0°♋	
greatest brilliancy	-4469 May 25 j 21:25	18°♌06'26	-4.5m		-4467 Dec 03 j 19:35	0°♌	
	-4469 Jun 13 j 01:35	0°♍			-4467 Dec 28 j 02:59	0°♍	
morning max el	-4469 Jun 29 j 19:19	14°♍59'08	46°08'37		-4466 Jan 21 j 18:22	0°♎	
	-4469 Jul 14 j 13:07	0°♎		asc. node	-4466 Feb 11 j 09:26	24°♎37'30	
	-4469 Aug 10 j 10:49	0°♏			-4466 Feb 15 j 23:07	0°♋	
asc. node	-4469 Aug 27 j 16:46	20°♏21'56			-4466 Mar 14 j 02:50	0°♌	
	-4469 Sep 04 j 16:28	0°♑			-4466 Apr 11 j 04:09	0°♍	
	-4469 Sep 29 j 02:24	0°♓		evening max el	-4466 Apr 20 j 17:59	9°♍23'30	45°14'36
	-4469 Oct 23 j 03:36	0°♏			-4466 May 15 j 17:42	0°♎	
	-4469 Nov 16 j 02:58	0°♐		greatest brilliancy	-4466 May 27 j 04:16	6°♎09'54	-4.5m
desc. node	-4469 Dec 10 j 04:10	0°♑		desc. node	-4466 Jun 03 j 07:46	8°♎15'52	
	-4469 Dec 17 j 14:24	9°♑14'03		retrograde	-4466 Jun 08 j 05:32	8°♎42'35	
morning set	-4468 Jan 03 j 08:25	0°♒00'26		evening set	-4466 Jun 23 j 15:40	4°♎15'34	
	-4468 Jan 03 j 08:17	0°♓		inferior conj	-4466 Jun 29 j 09:32	0°♎54'12	-5°-43'-7
	-4468 Jan 27 j 14:53	0°♏		minimum elong	-4466 Jun 28 j 23:21	1°♎09'40	5°40'37
				min. Earth dist.	-4466 Jun 29 j 17:28	0°♎42'08	0.27879 AU
superior conj	-4468 Feb 11 j 22:27	18°♏52'37	-1°-23'-21		-4466 Jun 30 j 21:12	30°♎	
minimum elong	-4468 Feb 11 j 22:18	18°♏52'07	1°23'35	morning rise	-4466 Jul 04 j 06:29	28°♏00'19	
max. Earth dist.	-4468 Feb 13 j 16:56	21°♏03'24	1.73283 AU	direct	-4466 Jul 20 j 16:52	22°♏54'49	
	-4468 Feb 20 j 23:21	0°♐		greatest brilliancy	-4466 Aug 04 j 00:47	26°♏33'16	-4.6m
	-4468 Mar 16 j 09:26	0°♋			-4466 Aug 10 j 05:46	0°♎	
evening rise	-4468 Mar 20 j 04:51	4°♋40'22		morning max el	-4466 Sep 09 j 01:05	25°♎23'21	46°44'11

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4466 Sep 13 j 12:46	0°☿					-4463 May 16 j 08:15	0°♊			
asc. node	-4466 Sep 24 j 04:06	11°☿24'44					-4463 Jun 12 j 08:56	0°☿			
	-4466 Oct 10 j 13:58	0°♊				desc. node	-4463 Jun 30 j 19:15	19°☿02'55			
	-4466 Nov 04 j 20:51	0°♋				evening max el	-4463 Jul 02 j 15:36	20°☿51'31	46°31'49		
	-4466 Nov 29 j 13:08	0°♌					-4463 Jul 12 j 09:38	0°♊			
desc. node	-4466 Dec 24 j 01:42	0°♍				greatest brilliancy	-4463 Aug 11 j 09:18	20°♊23'08	-4.6m		
	-4465 Jan 14 j 02:37	25°♍43'50				retrograde	-4463 Aug 21 j 14:58	22°♊19'26			
	-4465 Jan 17 j 14:29	0°♎				evening set	-4463 Sep 07 j 23:51	16°♊37'22			
	-4465 Feb 11 j 03:57	0°♏				inferior conj	-4463 Sep 11 j 06:56	14°♊39'28	-8°-13'-36		
	-4465 Mar 07 j 17:19	0°♐				minimum elong	-4463 Sep 11 j 15:17	14°♊26'51	8°12'21		
morning set	-4465 Mar 15 j 21:13	9°♐58'59				min. Earth dist.	-4463 Sep 11 j 15:23	14°♊26'42	0.26663 AU		
	-4465 Apr 01 j 05:40	0°♑				morning rise	-4463 Sep 15 j 06:33	12°♊17'30			
max. Earth dist.	-4465 Apr 18 j 18:36	21°♑30'53	1.73681 AU			direct	-4463 Oct 01 j 16:40	7°♊01'42			
						greatest brilliancy	-4463 Oct 14 j 11:24	10°♊05'00	-4.7m		
superior conj	-4465 Apr 20 j 23:40	24°♑13'47	0°-35'-56			asc. node	-4463 Oct 21 j 15:17	13°♊59'02			
minimum elong	-4465 Apr 21 j 06:05	24°♑33'28	0°35'41				-4463 Nov 10 j 14:31	0°♋			
	-4465 Apr 25 j 16:24	0°♌				morning max el	-4463 Nov 21 j 10:15	10°♋35'11	46°46'28		
asc. node	-4465 May 06 j 20:24	13°♌44'12					-4463 Dec 09 j 15:16	0°♌			
	-4465 May 20 j 01:09	0°♍					-4462 Jan 05 j 01:43	0°♍			
evening rise	-4465 May 26 j 14:45	8°♍06'01					-4462 Jan 30 j 17:08	0°♎			
	-4465 Jun 13 j 08:06	0°♊				desc. node	-4462 Feb 10 j 14:32	12°♎52'58			
	-4465 Jul 07 j 14:03	0°☿					-4462 Feb 25 j 00:11	0°♏			
	-4465 Jul 31 j 20:40	0°♊					-4462 Mar 22 j 01:36	0°♐			
desc. node	-4465 Aug 25 j 06:09	0°♋					-4462 Apr 15 j 21:48	0°♑			
	-4465 Aug 26 j 16:59	1°♋46'37					-4462 May 10 j 12:39	0°♌			
	-4465 Sep 18 j 21:23	0°♌				morning set	-4462 May 21 j 16:38	13°♌41'54			
	-4465 Oct 13 j 23:34	0°♍				asc. node	-4462 Jun 03 j 08:53	29°♌19'26			
	-4465 Nov 09 j 01:42	0°♎					-4462 Jun 03 j 22:01	0°♍			
evening max el	-4465 Nov 27 j 10:57	19°♎39'32	46°46'47			max. Earth dist.	-4462 Jun 22 j 12:13	23°♍02'53	1.72447 AU		
	-4465 Dec 08 j 01:16	0°♏									
asc. node	-4465 Dec 17 j 11:58	8°♏15'17				superior conj	-4462 Jun 26 j 20:28	28°♍27'14	0°51'25		
greatest brilliancy	-4464 Jan 02 j 04:02	18°♏48'35	-4.6m			minimum elong	-4462 Jun 26 j 12:01	28°♍00'58	0°51'16		
retrograde	-4464 Jan 16 j 22:59	22°♏48'15					-4462 Jun 28 j 02:15	0°♊			
evening set	-4464 Feb 03 j 14:40	16°♏44'07					-4462 Jul 22 j 02:31	0°☿			
inferior conj	-4464 Feb 07 j 07:14	14°♏23'50	8°15'00			evening rise	-4462 Aug 02 j 16:20	14°☿30'27			
minimum elong	-4464 Feb 07 j 05:31	14°♏26'35	8°14'44				-4462 Aug 15 j 00:51	0°♊			
min. Earth dist.	-4464 Feb 06 j 20:51	14°♏40'30	0.29017 AU				-4462 Sep 07 j 23:33	0°♋			
morning rise	-4464 Feb 10 j 20:34	12°♏08'43				desc. node	-4462 Sep 23 j 05:15	19°♋01'46			
direct	-4464 Feb 28 j 16:31	6°♏03'43					-4462 Oct 02 j 00:35	0°♌			
greatest brilliancy	-4464 Mar 11 j 09:07	8°♏29'47	-4.5m				-4462 Oct 26 j 05:35	0°♍			
desc. node	-4464 Apr 07 j 11:09	26°♏40'34					-4462 Nov 19 j 16:59	0°♎			
	-4464 Apr 11 j 05:24	0°♐					-4462 Dec 14 j 16:25	0°♏			
morning max el	-4464 Apr 17 j 09:47	5°♐43'46	45°49'22				-4461 Jan 09 j 16:54	0°♐			
	-4464 May 11 j 06:07	0°♑				asc. node	-4461 Jan 13 j 23:35	4°♐44'19			
	-4464 Jun 07 j 05:19	0°♌				evening max el	-4461 Feb 06 j 09:23	29°♐08'10	45°23'53		
	-4464 Jul 02 j 20:00	0°♍					-4461 Feb 07 j 06:50	0°♑			
	-4464 Jul 27 j 14:38	0°♊				greatest brilliancy	-4461 Mar 12 j 07:41	25°♑16'00	-4.5m		
asc. node	-4464 Jul 29 j 07:05	2°♊04'10				retrograde	-4461 Mar 26 j 20:58	28°♑55'53			
	-4464 Aug 20 j 19:53	0°☿				evening set	-4461 Apr 11 j 17:31	24°♑06'48			
	-4464 Sep 13 j 17:14	0°♊				inferior conj	-4461 Apr 17 j 07:08	20°♑44'46	4°04'42		
	-4464 Oct 07 j 11:34	0°♋				minimum elong	-4461 Apr 17 j 14:52	20°♑32'41	4°02'45		
morning set	-4464 Oct 14 j 12:35	8°♋53'20				min. Earth dist.	-4461 Apr 18 j 00:52	20°♑17'02	0.29148 AU		
	-4464 Oct 31 j 06:39	0°♌				morning rise	-4461 Apr 23 j 11:54	17°♑00'46			
desc. node	-4464 Nov 18 j 04:10	22°♌28'10				desc. node	-4461 May 05 j 22:30	12°♑32'40			
	-4464 Nov 24 j 04:30	0°♍				direct	-4461 May 09 j 03:50	12°♑20'26			
						greatest brilliancy	-4461 May 23 j 11:48	15°♑54'47	-4.5m		
superior conj	-4464 Nov 25 j 16:50	1°♍53'40	0°-17'-22				-4461 Jun 13 j 09:20	0°♌			
minimum elong	-4464 Nov 25 j 12:09	1°♍39'00	0°17'17			morning max el	-4461 Jun 27 j 11:42	12°♌48'27	46°07'27		
max. Earth dist.	-4464 Nov 30 j 18:53	8°♍14'58	1.71625 AU				-4461 Jul 14 j 07:01	0°♍			
	-4464 Dec 18 j 05:40	0°♎					-4461 Aug 10 j 01:16	0°♊			
evening rise	-4463 Jan 06 j 00:36	23°♎19'09				asc. node	-4461 Aug 26 j 18:47	19°♊48'00			
	-4463 Jan 11 j 10:10	0°♏					-4461 Sep 04 j 05:27	0°☿			
	-4463 Feb 04 j 18:27	0°♐					-4461 Sep 28 j 14:40	0°♊			
	-4463 Mar 01 j 07:50	0°♑					-4461 Oct 22 j 15:29	0°♋			
asc. node	-4463 Mar 10 j 21:36	11°♑36'08					-4461 Nov 15 j 14:37	0°♌			
	-4463 Mar 26 j 04:22	0°♌					-4461 Dec 09 j 15:39	0°♍			
	-4463 Apr 20 j 10:52	0°♍				desc. node	-4461 Dec 16 j 16:34	8°♍45'16			

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

morning set	-4461 Dec 31 j 20:00	27° \mathbb{M} 32'40		evening set	-4458 Jun 21 j 03:07	2° \mathbb{H} 01'24	
	-4460 Jan 02 j 19:35	0° \mathcal{X}			-4458 Jun 24 j 16:26	30° \mathbb{R} 8	
	-4460 Jan 27 j 02:02	0° \mathcal{C}		inferior conj	-4458 Jun 26 j 23:43	28° \mathcal{B} 36'36	-5°-26'-2
				minimum elong	-4458 Jun 26 j 13:45	28° \mathcal{B} 51'46	5°23'32
superior conj	-4460 Feb 09 j 13:44	16° \mathcal{C} 37'37	-1°-23'-16	min. Earth dist.	-4458 Jun 27 j 08:21	28° \mathcal{B} 23'30	0.27924 AU
minimum elong	-4460 Feb 09 j 12:47	16° \mathcal{C} 34'43	1°23'30	morning rise	-4458 Jul 01 j 23:43	25° \mathcal{B} 38'20	
max. Earth dist.	-4460 Feb 11 j 13:48	19° \mathcal{C} 05'39	1.73241 AU	direct	-4458 Jul 18 j 07:02	20° \mathcal{B} 36'01	
	-4460 Feb 20 j 10:25	0° \approx		greatest brilliancy	-4458 Aug 01 j 17:43	24° \mathcal{B} 16'50	-4.6m
	-4460 Mar 15 j 20:30	0° \mathcal{H}			-4458 Aug 11 j 09:00	0° \mathbb{H}	
evening rise	-4460 Mar 17 j 22:32	2° \mathcal{H} 33'29		morning max el	-4458 Sep 06 j 14:42	22° \mathbb{H} 58'54	46°43'23
asc. node	-4460 Apr 07 j 09:59	27° \mathcal{H} 38'03			-4458 Sep 13 j 09:37	0° \mathcal{C}	
	-4460 Apr 09 j 08:25	0° \mathcal{Y}		asc. node	-4458 Sep 23 j 06:15	10° \mathcal{C} 40'07	
	-4460 May 03 j 22:28	0° \mathcal{B}			-4458 Oct 10 j 05:52	0° \mathcal{Q}	
	-4460 May 28 j 15:15	0° \mathbb{H}			-4458 Nov 04 j 10:46	0° \mathbb{M}	
	-4460 Jun 22 j 12:24	0° \mathcal{C}			-4458 Nov 29 j 02:00	0° \mathcal{A}	
	-4460 Jul 17 j 17:30	0° \mathcal{Q}			-4458 Dec 23 j 13:54	0° \mathbb{M}	
desc. node	-4460 Jul 28 j 06:55	12° \mathcal{Q} 22'18		desc. node	-4457 Jan 13 j 04:42	25° \mathbb{M} 14'05	
	-4460 Aug 12 j 14:10	0° \mathbb{M}			-4457 Jan 17 j 02:13	0° \mathcal{X}	
	-4460 Sep 08 j 22:44	0° \mathcal{A}			-4457 Feb 10 j 15:22	0° \mathcal{C}	
evening max el	-4460 Sep 14 j 03:21	5° \mathcal{A} 20'26	47°36'50		-4457 Mar 07 j 04:30	0° \approx	
	-4460 Oct 12 j 02:06	0° \mathbb{M}		morning set	-4457 Mar 13 j 14:48	7° \approx 51'54	
greatest brilliancy	-4460 Oct 22 j 13:50	6° \mathbb{M} 04'25	-4.7m		-4457 Mar 31 j 16:43	0° \mathcal{H}	
retrograde	-4460 Nov 04 j 03:38	9° \mathbb{M} 02'34		max. Earth dist.	-4457 Apr 16 j 15:28	19° \mathcal{H} 33'48	1.73699 AU
asc. node	-4460 Nov 18 j 02:39	5° \mathbb{M} 03'08					
evening set	-4460 Nov 18 j 15:49	4° \mathbb{M} 45'09		superior conj	-4457 Apr 18 j 18:36	22° \mathcal{H} 10'44	0°-38'-38
min. Earth dist.	-4460 Nov 23 j 22:46	1° \mathbb{M} 35'07	0.26891 AU	minimum elong	-4457 Apr 19 j 01:23	22° \mathcal{H} 31'35	0°38'24
inferior conj	-4460 Nov 24 j 20:00	1° \mathbb{M} 01'53	1°41'16		-4457 Apr 25 j 03:24	0° \mathcal{Y}	
minimum elong	-4460 Nov 24 j 16:22	1° \mathbb{M} 07'34	1°40'03	asc. node	-4457 May 05 j 22:35	13° \mathcal{Y} 16'56	
	-4460 Nov 26 j 11:45	30° \mathbb{R} 8			-4457 May 19 j 12:14	0° \mathcal{B}	
morning rise	-4460 Nov 30 j 17:55	27° \mathcal{A} 30'08		evening rise	-4457 May 24 j 10:01	6° \mathcal{B} 03'06	
direct	-4460 Dec 15 j 06:07	23° \mathcal{A} 17'43			-4457 Jun 12 j 19:23	0° \mathbb{H}	
greatest brilliancy	-4460 Dec 25 j 23:44	25° \mathcal{A} 27'42	-4.6m		-4457 Jul 07 j 01:39	0° \mathcal{C}	
	-4459 Jan 03 j 23:34	0° \mathbb{M}			-4457 Jul 31 j 08:42	0° \mathcal{Q}	
morning max el	-4459 Feb 02 j 15:06	24° \mathbb{M} 29'15	46°11'15		-4457 Aug 24 j 18:44	0° \mathbb{M}	
	-4459 Feb 08 j 04:59	0° \mathcal{X}		desc. node	-4457 Aug 25 j 18:58	1° \mathbb{M} 14'07	
	-4459 Mar 08 j 11:47	0° \mathcal{C}			-4457 Sep 18 j 10:46	0° \mathcal{A}	
desc. node	-4459 Mar 10 j 02:03	1° \mathcal{C} 45'45			-4457 Oct 13 j 14:16	0° \mathbb{M}	
	-4459 Apr 04 j 01:26	0° \approx			-4457 Nov 08 j 19:14	0° \mathcal{X}	
	-4459 Apr 29 j 18:38	0° \mathcal{H}		evening max el	-4457 Nov 25 j 01:53	17° \mathcal{X} 20'22	46°50'01
	-4459 May 24 j 21:56	0° \mathcal{Y}			-4457 Dec 08 j 04:32	0° \mathcal{C}	
	-4459 Jun 18 j 14:00	0° \mathcal{B}		asc. node	-4457 Dec 16 j 14:08	7° \mathcal{C} 09'11	
asc. node	-4459 Jun 30 j 21:05	15° \mathcal{B} 08'32		greatest brilliancy	-4457 Dec 30 j 20:36	16° \mathcal{C} 35'52	-4.6m
	-4459 Jul 12 j 20:37	0° \mathbb{H}		retrograde	-4456 Jan 14 j 16:13	20° \mathcal{C} 37'01	
morning set	-4459 Jul 29 j 10:49	20° \mathbb{H} 43'41		evening set	-4456 Feb 01 j 06:09	14° \mathcal{C} 34'32	
	-4459 Aug 05 j 20:06	0° \mathcal{C}		inferior conj	-4456 Feb 04 j 23:58	12° \mathcal{C} 12'31	8°13'18
	-4459 Aug 29 j 15:29	0° \mathcal{Q}		minimum elong	-4456 Feb 04 j 21:34	12° \mathcal{C} 16'23	8°13'00
				min. Earth dist.	-4456 Feb 04 j 12:15	12° \mathcal{C} 31'20	0.28969 AU
superior conj	-4459 Sep 06 j 02:52	9° \mathcal{Q} 26'12	1°19'34	morning rise	-4456 Feb 08 j 13:12	9° \mathcal{C} 57'48	
minimum elong	-4459 Sep 06 j 09:27	9° \mathcal{Q} 46'59	1°19'38	direct	-4456 Feb 26 j 08:09	3° \mathcal{C} 53'04	
max. Earth dist.	-4459 Sep 05 j 18:39	9° \mathcal{Q} 00'15	1.70920 AU	greatest brilliancy	-4456 Mar 08 j 23:56	6° \mathcal{C} 18'29	-4.5m
	-4459 Sep 22 j 09:55	0° \mathbb{M}		desc. node	-4456 Apr 06 j 13:25	25° \mathcal{C} 45'32	
	-4459 Oct 16 j 05:50	0° \mathcal{A}			-4456 Apr 11 j 06:24	0° \approx	
evening rise	-4459 Oct 17 j 17:50	1° \mathcal{A} 53'02		morning max el	-4456 Apr 15 j 02:06	3° \approx 34'34	45°49'24
desc. node	-4459 Oct 20 j 17:49	5° \mathcal{A} 38'57			-4456 May 10 j 22:37	0° \mathcal{H}	
	-4459 Nov 09 j 04:38	0° \mathbb{M}			-4456 Jun 06 j 19:08	0° \mathcal{Y}	
	-4459 Dec 03 j 07:08	0° \mathcal{X}			-4456 Jul 02 j 08:36	0° \mathcal{B}	
	-4459 Dec 27 j 14:47	0° \mathcal{C}			-4456 Jul 27 j 02:36	0° \mathbb{H}	
	-4458 Jan 21 j 06:38	0° \approx		asc. node	-4456 Jul 28 j 09:08	1° \mathbb{H} 33'44	
asc. node	-4458 Feb 10 j 11:25	24° \approx 05'09			-4456 Aug 20 j 07:32	0° \mathcal{C}	
	-4458 Feb 15 j 12:19	0° \mathcal{H}			-4456 Sep 13 j 04:43	0° \mathcal{Q}	
	-4458 Mar 13 j 18:01	0° \mathcal{Y}			-4456 Oct 06 j 22:58	0° \mathbb{M}	
	-4458 Apr 11 j 00:32	0° \mathcal{B}		morning set	-4456 Oct 11 j 22:42	6° \mathbb{M} 17'50	
evening max el	-4458 Apr 18 j 07:43	7° \mathcal{B} 06'23	45°13'15		-4456 Oct 30 j 18:00	0° \mathcal{A}	
	-4458 May 16 j 23:30	0° \mathbb{H}		desc. node	-4456 Nov 17 j 06:16	21° \mathcal{A} 59'16	
greatest brilliancy	-4458 May 24 j 15:49	3° \mathbb{H} 50'25	-4.5m				
desc. node	-4458 Jun 02 j 09:57	6° \mathbb{H} 12'45		superior conj	-4456 Nov 23 j 01:51	29° \mathcal{A} 16'19	0°-13'-29
retrograde	-4458 Jun 05 j 19:03	6° \mathbb{H} 25'36		minimum elong	-4456 Nov 22 j 22:10	29° \mathcal{A} 04'47	0°13'24

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

behind sun begin	-4456 Nov 22 j 06:30	28°♄15'45		greatest brilliancy	-4453 May 21 j 01:39	13°♋43'22	-4.5m
behind sun end	-4456 Nov 23 j 13:50	29°♄53'49			-4453 Jun 13 j 14:34	0°♊	
	-4456 Nov 23 j 15:49	0°♌		morning max el	-4453 Jun 25 j 03:18	10°♊36'23	46°06'07
max. Earth dist.	-4456 Nov 28 j 02:04	5°♌32'13	1.71569 AU		-4453 Jul 14 j 00:24	0°♋	
	-4456 Dec 17 j 16:56	0°♌			-4453 Aug 09 j 15:31	0°♌	
evening rise	-4455 Jan 03 j 13:08	20°♌54'40		asc. node	-4453 Aug 25 j 20:56	19°♌14'35	
	-4455 Jan 10 j 21:23	0°♍			-4453 Sep 03 j 18:22	0°♍	
	-4455 Feb 04 j 05:42	0°♎			-4453 Sep 28 j 02:54	0°♎	
	-4455 Feb 28 j 19:19	0°♏			-4453 Oct 22 j 03:19	0°♏	
asc. node	-4455 Mar 09 j 23:45	11°♏07'27			-4453 Nov 15 j 02:11	0°♐	
	-4455 Mar 25 j 16:22	0°♑			-4453 Dec 09 j 02:59	0°♑	
	-4455 Apr 19 j 23:49	0°♒		desc. node	-4453 Dec 15 j 18:35	8°♑16'29	
	-4455 May 15 j 22:57	0°♓		morning set	-4453 Dec 29 j 07:28	25°♑04'53	
	-4455 Jun 12 j 03:20	0°♓			-4452 Jan 02 j 06:43	0°♒	
desc. node	-4455 Jun 29 j 21:21	18°♓10'05			-4452 Jan 26 j 13:01	0°♓	
evening max el	-4455 Jun 30 j 05:19	18°♓29'28	46°28'35				
	-4455 Jul 12 j 16:19	0°♈		superior conj	-4452 Feb 07 j 05:01	14°♈23'08	-1°-23'-4
greatest brilliancy	-4455 Aug 08 j 19:57	17°♈52'46	-4.6m	minimum elong	-4452 Feb 07 j 03:17	14°♈17'49	1°23'17
retrograde	-4455 Aug 19 j 03:15	19°♈49'52		max. Earth dist.	-4452 Feb 09 j 10:05	17°♈06'38	1.73195 AU
evening set	-4455 Sep 05 j 14:30	14°♈03'44			-4452 Feb 19 j 21:18	0°♉	
inferior conj	-4455 Sep 08 j 18:51	12°♈09'46	-8°-22'-45		-4452 Mar 15 j 07:23	0°♊	
minimum elong	-4455 Sep 09 j 02:33	11°♈58'10	8°21'42	evening rise	-4452 Mar 15 j 16:18	0°♊27'21	
min. Earth dist.	-4455 Sep 09 j 03:05	11°♈57'21	0.26699 AU	asc. node	-4452 Apr 06 j 12:13	27°♊11'18	
morning rise	-4455 Sep 12 j 14:29	9°♈53'43			-4452 Apr 08 j 19:25	0°♋	
direct	-4455 Sep 29 j 05:50	4°♈31'44			-4452 May 03 j 09:44	0°♋	
greatest brilliancy	-4455 Oct 12 j 00:35	7°♈35'37	-4.7m		-4452 May 28 j 03:01	0°♌	
asc. node	-4455 Oct 20 j 17:34	12°♈30'08			-4452 Jun 22 j 01:00	0°♍	
	-4455 Nov 10 j 18:32	0°♎			-4452 Jul 17 j 07:25	0°♎	
morning max el	-4455 Nov 19 j 00:25	8°♎09'56	46°47'10	desc. node	-4452 Jul 27 j 08:56	11°♎45'34	
	-4455 Dec 09 j 09:20	0°♏			-4452 Aug 12 j 06:26	0°♏	
	-4454 Jan 04 j 16:33	0°♐			-4452 Sep 08 j 20:28	0°♐	
	-4454 Jan 30 j 06:20	0°♑		evening max el	-4452 Sep 11 j 17:25	2°♐55'56	47°36'09
desc. node	-4454 Feb 09 j 16:32	12°♑21'07			-4452 Oct 13 j 09:11	0°♑	
	-4454 Feb 24 j 12:24	0°♒		greatest brilliancy	-4452 Oct 20 j 07:36	3°♑42'05	-4.7m
	-4454 Mar 21 j 13:11	0°♓		retrograde	-4452 Nov 01 j 16:59	6°♑35'20	
	-4454 Apr 15 j 09:00	0°♈		evening set	-4452 Nov 16 j 05:14	2°♑19'08	
	-4454 May 09 j 23:39	0°♉		asc. node	-4452 Nov 17 j 04:45	1°♑46'05	
morning set	-4454 May 19 j 11:36	11°♉39'01			-4452 Nov 20 j 03:40	30°♒	
asc. node	-4454 Jun 02 j 10:57	28°♉52'00		min. Earth dist.	-4452 Nov 21 j 13:30	29°♒07'21	0.26830 AU
	-4454 Jun 03 j 08:58	0°♊		inferior conj	-4452 Nov 22 j 09:24	28°♒36'13	1°18'38
max. Earth dist.	-4454 Jun 20 j 04:21	20°♊49'47	1.72510 AU	minimum elong	-4452 Nov 22 j 06:33	28°♒40'40	1°17'39
				morning rise	-4452 Nov 28 j 08:46	25°♒02'26	
superior conj	-4454 Jun 24 j 14:10	26°♊18'45	0°48'51	direct	-4452 Dec 12 j 18:29	20°♒53'11	
minimum elong	-4454 Jun 24 j 05:58	25°♊53'15	0°48'42	greatest brilliancy	-4452 Dec 23 j 13:53	23°♒04'23	-4.6m
	-4454 Jun 27 j 13:15	0°♌			-4451 Jan 05 j 05:15	0°♓	
	-4454 Jul 21 j 13:38	0°♍		morning max el	-4451 Jan 31 j 03:51	22°♓07'03	46°12'33
evening rise	-4454 Jul 31 j 07:16	12°♍11'40			-4451 Feb 08 j 01:47	0°♈	
	-4454 Aug 14 j 12:09	0°♎			-4451 Mar 08 j 03:11	0°♉	
	-4454 Sep 07 j 11:04	0°♏		desc. node	-4451 Mar 09 j 04:17	1°♉09'41	
desc. node	-4454 Sep 22 j 07:26	18°♏32'12			-4451 Apr 03 j 14:39	0°♊	
	-4454 Oct 01 j 12:22	0°♐			-4451 Apr 29 j 06:44	0°♋	
	-4454 Oct 25 j 17:42	0°♑			-4451 May 24 j 09:23	0°♌	
	-4454 Nov 19 j 05:37	0°♒			-4451 Jun 18 j 01:05	0°♍	
	-4454 Dec 14 j 06:02	0°♓		asc. node	-4451 Jun 29 j 23:11	14°♓41'00	
	-4453 Jan 09 j 08:43	0°♈			-4451 Jul 12 j 07:33	0°♌	
asc. node	-4453 Jan 13 j 01:37	4°♈05'05		morning set	-4451 Jul 27 j 01:59	18°♌26'32	
evening max el	-4453 Feb 04 j 01:37	26°♈57'58	45°25'56		-4451 Aug 05 j 07:01	0°♍	
	-4453 Feb 07 j 05:34	0°♉			-4451 Aug 29 j 02:28	0°♎	
greatest brilliancy	-4453 Mar 10 j 00:29	23°♉09'26	-4.5m	max. Earth dist.	-4451 Sep 02 j 23:17	6°♎08'38	1.70952 AU
retrograde	-4453 Mar 24 j 13:29	26°♉49'12					
evening set	-4453 Apr 09 j 12:36	21°♉56'57		superior conj	-4451 Sep 03 j 15:06	6°♎58'33	1°20'40
inferior conj	-4453 Apr 14 j 23:59	18°♉37'32	4°20'47	minimum elong	-4451 Sep 03 j 20:52	7°♎16'44	1°20'47
minimum elong	-4453 Apr 15 j 08:01	18°♉24'55	4°18'48		-4451 Sep 21 j 21:01	0°♏	
min. Earth dist.	-4453 Apr 15 j 17:24	18°♉10'13	0.29176 AU	evening rise	-4451 Oct 15 j 02:14	29°♏13'34	
morning rise	-4453 Apr 21 j 03:10	14°♉55'11			-4451 Oct 15 j 17:01	0°♐	
desc. node	-4453 May 05 j 00:37	10°♉16'57		desc. node	-4451 Oct 19 j 19:57	5°♐10'26	
direct	-4453 May 06 j 20:57	10°♉12'59			-4451 Nov 08 j 15:54	0°♑	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4451 Dec 02 j 18:32	0°♊			-4448 Jul 01 j 20:47	0°♋		
	-4451 Dec 27 j 02:23	0°♌			-4448 Jul 26 j 14:13	0°♍		
	-4450 Jan 20 j 18:41	0°♎		asc. node	-4448 Jul 27 j 11:16	1°♎04'42		
asc. node	-4450 Feb 09 j 13:36	23°♎34'14			-4448 Aug 19 j 18:50	0°♏		
	-4450 Feb 15 j 01:16	0°♐			-4448 Sep 12 j 15:51	0°♑		
	-4450 Mar 13 j 09:02	0°♒			-4448 Oct 06 j 10:01	0°♓		
	-4450 Apr 10 j 21:07	0°♈		morning set	-4448 Oct 09 j 09:30	3°♓45'36		
evening max el	-4450 Apr 15 j 22:02	4°♈52'05	45°12'09		-4448 Oct 30 j 05:00	0°♐		
	-4450 May 18 j 17:12	0°♑		desc. node	-4448 Nov 16 j 08:18	21°♐31'11		
greatest brilliancy	-4450 May 22 j 02:39	1°♑32'02	-4.5m					
desc. node	-4450 Jun 01 j 12:01	4°♑06'55		superior conj	-4448 Nov 20 j 11:02	26°♐40'26	0°-9'-33	
retrograde	-4450 Jun 03 j 09:21	4°♑10'59		minimum elong	-4448 Nov 20 j 08:24	26°♐32'11	0°09'31	
	-4450 Jun 18 j 06:53	30°♑♋		behind sun begin	-4448 Nov 19 j 10:06	25°♐22'20		
evening set	-4450 Jun 18 j 15:05	29°♑49'07		behind sun end	-4448 Nov 21 j 06:42	27°♐42'01		
inferior conj	-4450 Jun 24 j 14:12	26°♑21'12	-5°-8'-39		-4448 Nov 23 j 02:48	0°♌		
minimum elong	-4450 Jun 24 j 04:28	26°♑35'57	5°06'07	max. Earth dist.	-4448 Nov 25 j 12:11	2°♌59'27	1.71521 AU	
min. Earth dist.	-4450 Jun 24 j 23:14	26°♑07'28	0.27968 AU		-4448 Dec 17 j 03:54	0°♊		
morning rise	-4450 Jun 29 j 17:11	23°♑18'51		evening rise	-4447 Jan 01 j 01:30	18°♊30'17		
direct	-4450 Jul 15 j 21:54	18°♑19'27			-4447 Jan 10 j 08:21	0°♌		
greatest brilliancy	-4450 Jul 30 j 10:57	22°♑02'58	-4.6m		-4447 Feb 03 j 16:45	0°♎		
	-4450 Aug 12 j 04:07	0°♑			-4447 Feb 28 j 06:37	0°♐		
morning max el	-4450 Sep 04 j 05:23	20°♑38'57	46°42'27	asc. node	-4447 Mar 09 j 01:56	10°♑39'31		
	-4450 Sep 13 j 05:17	0°♏			-4447 Mar 25 j 04:11	0°♒		
asc. node	-4450 Sep 22 j 08:31	9°♏57'44			-4447 Apr 19 j 12:36	0°♈		
	-4450 Oct 09 j 21:08	0°♑			-4447 May 15 j 13:32	0°♑		
	-4450 Nov 04 j 00:17	0°♓			-4447 Jun 11 j 21:53	0°♏		
	-4450 Nov 28 j 14:34	0°♐		evening max el	-4447 Jun 27 j 19:27	16°♏09'29	46°25'17	
	-4450 Dec 23 j 01:51	0°♌		desc. node	-4447 Jun 28 j 23:27	17°♏17'09		
desc. node	-4449 Jan 12 j 06:47	24°♌45'02			-4447 Jul 13 j 00:57	0°♑		
	-4449 Jan 16 j 13:43	0°♊		greatest brilliancy	-4447 Aug 06 j 07:21	15°♑24'36	-4.6m	
	-4449 Feb 10 j 02:31	0°♌		retrograde	-4447 Aug 16 j 15:22	17°♑21'35		
	-4449 Mar 06 j 15:23	0°♎		evening set	-4447 Sep 03 j 05:06	11°♑32'05		
morning set	-4449 Mar 11 j 08:05	5°♎44'47		inferior conj	-4447 Sep 06 j 06:56	9°♑41'37	-8°-30'-57	
	-4449 Mar 31 j 03:26	0°♐		minimum elong	-4447 Sep 06 j 13:53	9°♑31'06	8°30'05	
max. Earth dist.	-4449 Apr 14 j 14:10	17°♐43'21	1.73714 AU	min. Earth dist.	-4447 Sep 06 j 15:02	9°♑29'21	0.26731 AU	
				morning rise	-4447 Sep 09 j 22:36	7°♑31'09		
superior conj	-4449 Apr 16 j 13:28	20°♐08'33	0°-41'-18	direct	-4447 Sep 26 j 19:01	2°♑03'24		
minimum elong	-4449 Apr 16 j 20:37	20°♐30'30	0°41'04	greatest brilliancy	-4447 Oct 09 j 13:21	5°♑06'50	-4.7m	
	-4449 Apr 24 j 14:04	0°♒		asc. node	-4447 Oct 19 j 19:33	11°♑04'56		
asc. node	-4449 May 05 j 00:39	12°♒50'20			-4447 Nov 10 j 20:32	0°♓		
	-4449 May 18 j 23:00	0°♈		morning max el	-4447 Nov 16 j 13:55	5°♓43'55	46°47'52	
evening rise	-4449 May 22 j 05:32	4°♈02'02			-4447 Dec 09 j 02:39	0°♐		
	-4449 Jun 12 j 06:20	0°♑			-4446 Jan 04 j 06:55	0°♌		
	-4449 Jul 06 j 12:55	0°♏			-4446 Jan 29 j 19:13	0°♊		
	-4449 Jul 30 j 20:21	0°♑		desc. node	-4446 Feb 08 j 18:46	11°♊50'44		
	-4449 Aug 24 j 06:56	0°♓			-4446 Feb 24 j 00:23	0°♌		
desc. node	-4449 Aug 24 j 21:13	0°♓43'37			-4446 Mar 21 j 00:36	0°♎		
	-4449 Sep 17 j 23:49	0°♐			-4446 Apr 14 j 20:03	0°♐		
	-4449 Oct 13 j 04:46	0°♌			-4446 May 09 j 10:29	0°♒		
	-4449 Nov 08 j 12:50	0°♊		morning set	-4446 May 17 j 06:27	9°♒36'22		
evening max el	-4449 Nov 22 j 17:50	15°♊04'21	46°52'59	asc. node	-4446 Jun 01 j 13:01	28°♒25'09		
	-4449 Dec 08 j 09:20	0°♌			-4446 Jun 02 j 19:44	0°♈		
asc. node	-4449 Dec 15 j 16:12	6°♌01'27		max. Earth dist.	-4446 Jun 17 j 20:13	18°♈36'37	1.72570 AU	
greatest brilliancy	-4449 Dec 28 j 13:25	14°♌23'32	-4.6m					
retrograde	-4448 Jan 12 j 09:37	18°♌25'23		superior conj	-4446 Jun 22 j 07:56	24°♈11'15	0°46'14	
evening set	-4448 Jan 29 j 21:10	12°♌25'01		minimum elong	-4446 Jun 22 j 00:02	23°♈46'39	0°46'05	
min. Earth dist.	-4448 Feb 02 j 03:12	10°♌22'07	0.28917 AU		-4446 Jun 27 j 00:02	0°♑		
inferior conj	-4448 Feb 02 j 16:28	10°♌00'51	8°10'55		-4446 Jul 21 j 00:34	0°♏		
minimum elong	-4448 Feb 02 j 13:23	10°♌05'49	8°10'33	evening rise	-4446 Jul 28 j 22:31	9°♏54'37		
morning rise	-4448 Feb 06 j 05:52	7°♌46'08			-4446 Aug 13 j 23:16	0°♑		
direct	-4448 Feb 23 j 23:58	1°♌42'15			-4446 Sep 06 j 22:27	0°♓		
greatest brilliancy	-4448 Mar 06 j 13:43	4°♌06'14	-4.5m	desc. node	-4446 Sep 21 j 09:31	18°♓02'50		
desc. node	-4448 Apr 05 j 15:33	24°♌51'58			-4446 Oct 01 j 00:01	0°♐		
	-4448 Apr 11 j 05:56	0°♎			-4446 Oct 25 j 05:40	0°♌		
morning max el	-4448 Apr 12 j 18:56	1°♎27'21	45°49'34		-4446 Nov 18 j 18:06	0°♊		
	-4448 May 10 j 14:30	0°♐			-4446 Dec 13 j 19:31	0°♌		
	-4448 Jun 06 j 08:29	0°♒			-4445 Jan 09 j 00:35	0°♎		

Planetary Phenomena of Venus from -4900 through -4400 (UT), Astrodienst AG 7-Dez-2017 14:34, page 92

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

asc. node	-4445 Jan 12 j 03:48	3° \approx 26'21		morning set	-4443 Jul 24 j 17:08	16° Π 08'51	
evening max el	-4445 Feb 01 j 17:01	24° \approx 45'56	45°27'50		-4443 Aug 04 j 18:08	0° \ominus	
	-4445 Feb 07 j 05:10	0° X			-4443 Aug 28 j 13:38	0° Ω	
greatest brilliancy	-4445 Mar 07 j 16:54	21° X 02'16	-4.5m	max. Earth dist.	-4443 Aug 31 j 07:04	3° Ω 26'28	1.70981 AU
retrograde	-4445 Mar 22 j 05:36	24° X 42'31					
evening set	-4445 Apr 07 j 07:40	19° X 46'48		superior conj	-4443 Sep 01 j 03:21	4° Ω 30'29	1°21'37
inferior conj	-4445 Apr 12 j 16:49	16° X 30'18	4°36'34	minimum elong	-4443 Sep 01 j 08:16	4° Ω 45'59	1°21'45
minimum elong	-4445 Apr 13 j 01:06	16° X 17'15	4°34'35		-4443 Sep 21 j 08:15	0° M	
min. Earth dist.	-4445 Apr 13 j 10:12	16° X 02'56	0.29205 AU	evening rise	-4443 Oct 12 j 10:45	26° M 34'03	
morning rise	-4445 Apr 18 j 18:14	12° X 49'45			-4443 Oct 15 j 04:21	0° $\underline{\Omega}$	
desc. node	-4445 May 04 j 02:41	8° X 05'34		desc. node	-4443 Oct 18 j 21:55	4° $\underline{\Omega}$ 41'01	
direct	-4445 May 04 j 13:32	8° X 05'20			-4443 Nov 08 j 03:20	0° M	
greatest brilliancy	-4445 May 18 j 16:09	11° X 32'38	-4.5m		-4443 Dec 02 j 06:07	0° X	
	-4445 Jun 13 j 18:02	0° Y			-4443 Dec 26 j 14:13	0° $\overline{\Omega}$	
morning max el	-4445 Jun 22 j 18:22	8° Y 23'07	46°04'57		-4442 Jan 20 j 06:58	0° \approx	
	-4445 Jul 13 j 17:23	0° X		asc. node	-4442 Feb 08 j 15:50	23° \approx 02'39	
	-4445 Aug 09 j 05:32	0° Π			-4442 Feb 14 j 14:31	0° X	
asc. node	-4445 Aug 24 j 23:11	18° Π 41'54			-4442 Mar 13 j 00:28	0° Y	
	-4445 Sep 03 j 07:06	0° \ominus			-4442 Apr 10 j 18:42	0° X	
	-4445 Sep 27 j 15:00	0° Ω		evening max el	-4442 Apr 13 j 13:01	2° X 38'53	45°11'03
	-4445 Oct 21 j 15:04	0° M		greatest brilliancy	-4442 May 19 j 12:49	29° X 12'13	-4.5m
	-4445 Nov 14 j 13:41	0° $\underline{\Omega}$			-4442 May 21 j 14:46	0° Π	
	-4445 Dec 08 j 14:16	0° M		retrograde	-4442 May 31 j 23:53	1° Π 55'18	
desc. node	-4445 Dec 14 j 20:41	7° M 48'05		desc. node	-4442 May 31 j 14:10	1° Π 55'07	
morning set	-4445 Dec 26 j 18:56	22° M 37'09			-4442 Jun 10 j 22:20	30° R X	
	-4444 Jan 01 j 17:48	0° X		evening set	-4442 Jun 16 j 03:12	27° X 35'38	
	-4444 Jan 25 j 23:57	0° $\overline{\Omega}$		inferior conj	-4442 Jun 22 j 04:32	24° X 04'35	-4°-50'-43
				minimum elong	-4442 Jun 21 j 19:09	24° X 18'49	4°48'13
superior conj	-4444 Feb 04 j 20:19	12° $\overline{\Omega}$ 08'51	-1°-22'-43	min. Earth dist.	-4442 Jun 22 j 13:44	23° X 50'38	0.28016 AU
minimum elong	-4444 Feb 04 j 17:47	12° $\overline{\Omega}$ 01'03	1°22'56	morning rise	-4442 Jun 27 j 10:29	20° X 58'18	
max. Earth dist.	-4444 Feb 07 j 05:18	15° $\overline{\Omega}$ 04'25	1.73148 AU	direct	-4442 Jul 13 j 13:18	16° X 01'49	
	-4444 Feb 19 j 08:10	0° \approx		greatest brilliancy	-4442 Jul 28 j 03:52	19° X 47'38	-4.6m
evening rise	-4444 Mar 13 j 09:59	28° \approx 20'58			-4442 Aug 12 j 18:57	0° Π	
	-4444 Mar 14 j 18:17	0° X		morning max el	-4442 Sep 01 j 20:44	18° Π 19'42	46°41'30
asc. node	-4444 Apr 05 j 14:15	26° X 43'47			-4442 Sep 13 j 00:49	0° \ominus	
	-4444 Apr 08 j 06:28	0° Y		asc. node	-4442 Sep 21 j 10:33	9° \ominus 14'06	
	-4444 May 02 j 21:06	0° X			-4442 Oct 09 j 12:33	0° Ω	
	-4444 May 27 j 14:56	0° Π			-4442 Nov 03 j 13:57	0° M	
	-4444 Jun 21 j 13:45	0° \ominus			-4442 Nov 28 j 03:18	0° $\underline{\Omega}$	
	-4444 Jul 16 j 21:31	0° Ω			-4442 Dec 22 j 14:00	0° M	
desc. node	-4444 Jul 26 j 11:10	11° Ω 09'05		desc. node	-4441 Jan 11 j 08:57	24° M 15'30	
	-4444 Aug 11 j 22:59	0° M			-4441 Jan 16 j 01:27	0° X	
	-4444 Sep 08 j 19:04	0° $\underline{\Omega}$			-4441 Feb 09 j 13:55	0° $\overline{\Omega}$	
evening max el	-4444 Sep 09 j 06:39	0° $\underline{\Omega}$ 29'20	47°35'27		-4441 Mar 06 j 02:32	0° \approx	
	-4444 Oct 15 j 06:42	0° M		morning set	-4441 Mar 09 j 01:23	3° \approx 36'47	
greatest brilliancy	-4444 Oct 18 j 00:44	1° M 18'36	-4.7m		-4441 Mar 30 j 14:26	0° X	
retrograde	-4444 Oct 30 j 06:07	4° M 07'55		max. Earth dist.	-4441 Apr 12 j 14:12	15° X 56'07	1.73724 AU
evening set	-4444 Nov 13 j 18:46	29° $\underline{\Omega}$ 52'10					
	-4444 Nov 13 j 13:02	30° R $\underline{\Omega}$		superior conj	-4441 Apr 14 j 08:26	18° X 05'45	0°-43'-54
asc. node	-4444 Nov 16 j 06:55	28° $\underline{\Omega}$ 25'38		minimum elong	-4441 Apr 14 j 15:54	18° X 28'41	0°43'40
min. Earth dist.	-4444 Nov 19 j 04:22	26° $\underline{\Omega}$ 38'55	0.26775 AU		-4441 Apr 24 j 01:01	0° Y	
inferior conj	-4444 Nov 19 j 22:45	26° $\underline{\Omega}$ 10'12	0°55'35	asc. node	-4441 May 04 j 02:45	12° Y 23'01	
minimum elong	-4444 Nov 19 j 20:43	26° $\underline{\Omega}$ 13'22	0°54'51		-4441 May 18 j 10:03	0° X	
morning rise	-4444 Nov 25 j 23:25	22° $\underline{\Omega}$ 34'39		evening rise	-4441 May 20 j 01:10	2° X 00'33	
direct	-4444 Dec 10 j 06:37	18° $\underline{\Omega}$ 27'53			-4441 Jun 11 j 17:37	0° Π	
greatest brilliancy	-4444 Dec 21 j 04:52	20° $\underline{\Omega}$ 41'31	-4.6m		-4441 Jul 06 j 00:32	0° \ominus	
	-4443 Jan 06 j 02:58	0° M			-4441 Jul 30 j 08:25	0° Ω	
morning max el	-4443 Jan 28 j 17:05	19° M 45'34	46°14'00	desc. node	-4441 Aug 23 j 23:16	0° M 11'10	
	-4443 Feb 07 j 21:59	0° X			-4441 Aug 23 j 19:37	0° M	
	-4443 Mar 07 j 18:26	0° $\overline{\Omega}$			-4441 Sep 17 j 13:23	0° $\underline{\Omega}$	
desc. node	-4443 Mar 08 j 06:24	0° $\overline{\Omega}$ 33'20			-4441 Oct 12 j 19:50	0° M	
	-4443 Apr 03 j 03:51	0° \approx			-4441 Nov 08 j 07:14	0° X	
	-4443 Apr 28 j 18:53	0° X		evening max el	-4441 Nov 20 j 10:26	12° X 48'54	46°56'00
	-4443 May 23 j 20:58	0° Y			-4441 Dec 08 j 16:43	0° $\overline{\Omega}$	
	-4443 Jun 17 j 12:21	0° X		asc. node	-4441 Dec 14 j 18:26	4° $\overline{\Omega}$ 51'07	
asc. node	-4443 Jun 29 j 01:22	14° X 13'07		greatest brilliancy	-4441 Dec 26 j 06:58	12° $\overline{\Omega}$ 11'08	-4.6m
	-4443 Jul 11 j 18:41	0° Π		retrograde	-4440 Jan 10 j 03:01	16° $\overline{\Omega}$ 12'23	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening set	-4440 Jan 27 j 11:58	10°☾14'40			-4438 Jun 02 j 06:48	0°♄	
inferior conj	-4440 Jan 31 j 08:56	7°☾47'53	8°07'49	max. Earth dist.	-4438 Jun 15 j 13:07	16°♄25'44	1.72629 AU
minimum elong	-4440 Jan 31 j 05:12	7°☾53'52	8°07'23				
min. Earth dist.	-4440 Jan 30 j 18:01	8°☾11'46	0.28861 AU	superior conj	-4438 Jun 20 j 02:02	22°♄03'55	0°43'34
morning rise	-4440 Feb 03 j 22:44	5°☾32'41		minimum elong	-4438 Jun 19 j 18:26	21°♄40'17	0°43'25
	-4440 Feb 16 j 17:24	30°♁☾			-4438 Jun 26 j 11:08	0°♂	
direct	-4440 Feb 21 j 16:10	29°♁☾30'18			-4438 Jul 20 j 11:45	0°♄	
	-4440 Feb 26 j 18:24	0°☾		evening rise	-4438 Jul 26 j 14:16	7°♄38'25	
greatest brilliancy	-4440 Mar 04 j 02:38	1°☾51'48	-4.5m		-4438 Aug 13 j 10:39	0°♂	
desc. node	-4440 Apr 04 j 17:34	23°☾58'08			-4438 Sep 06 j 10:05	0°♁	
morning max el	-4440 Apr 10 j 11:40	29°☾18'53	45°49'44	desc. node	-4438 Sep 20 j 11:33	17°♁32'26	
	-4440 Apr 11 j 04:55	0°♁			-4438 Sep 30 j 11:57	0°♂	
	-4440 May 10 j 06:30	0°♁			-4438 Oct 24 j 17:58	0°♁	
	-4440 Jun 05 j 22:04	0°♁			-4438 Nov 18 j 07:00	0°♁	
	-4440 Jul 01 j 09:15	0°♄			-4438 Dec 13 j 09:31	0°☾	
	-4440 Jul 26 j 02:08	0°♂			-4437 Jan 08 j 17:07	0°♁	
asc. node	-4440 Jul 26 j 13:28	0°♂34'53		asc. node	-4437 Jan 11 j 06:01	2°♁46'13	
	-4440 Aug 19 j 06:29	0°♄		evening max el	-4437 Jan 30 j 07:31	22°♁30'35	45°30'02
	-4440 Sep 12 j 03:22	0°♂			-4437 Feb 07 j 06:21	0°♁	
	-4440 Oct 05 j 21:29	0°♁		greatest brilliancy	-4437 Mar 05 j 08:25	18°♁53'07	-4.5m
morning set	-4440 Oct 06 j 19:59	1°♁11'03		retrograde	-4437 Mar 19 j 21:49	22°♁35'24	
	-4440 Oct 29 j 16:26	0°♂		evening set	-4437 Apr 05 j 02:48	17°♁35'48	
desc. node	-4440 Nov 15 j 10:27	21°♂02'12		inferior conj	-4437 Apr 10 j 09:42	14°♁22'29	4°51'56
				minimum elong	-4437 Apr 10 j 18:13	14°♁09'04	4°49'55
superior conj	-4440 Nov 17 j 19:46	24°♂01'46	0°-5'-34	min. Earth dist.	-4437 Apr 11 j 03:09	13°♁55'00	0.29233 AU
minimum elong	-4440 Nov 17 j 18:12	23°♂56'53	0°05'35	morning rise	-4437 Apr 16 j 09:16	10°♁44'04	
behind sun begin	-4440 Nov 16 j 16:28	22°♂36'14		direct	-4437 May 02 j 05:51	5°♁56'55	
behind sun end	-4440 Nov 18 j 19:57	25°♂17'31		desc. node	-4437 May 03 j 04:55	5°♁57'58	
	-4440 Nov 22 j 14:11	0°♁		greatest brilliancy	-4437 May 16 j 07:41	9°♁22'32	-4.5m
max. Earth dist.	-4440 Nov 22 j 23:38	0°♁29'32	1.71466 AU		-4437 Jun 13 j 20:15	0°♁	
	-4440 Dec 16 j 15:15	0°♁		morning max el	-4437 Jun 20 j 09:43	6°♁09'53	46°03'56
evening rise	-4440 Dec 29 j 13:26	16°♁03'25			-4437 Jul 13 j 10:17	0°♄	
	-4439 Jan 09 j 19:41	0°☾			-4437 Aug 08 j 19:37	0°♂	
	-4439 Feb 03 j 04:11	0°♁		asc. node	-4437 Aug 24 j 01:12	18°♂08'06	
	-4439 Feb 27 j 18:18	0°♁			-4437 Sep 02 j 19:56	0°♄	
asc. node	-4439 Mar 08 j 03:58	10°♁09'57			-4437 Sep 27 j 03:12	0°♂	
	-4439 Mar 24 j 16:25	0°♁			-4437 Oct 21 j 02:55	0°♁	
	-4439 Apr 19 j 01:49	0°♄			-4437 Nov 14 j 01:18	0°♂	
	-4439 May 15 j 04:39	0°♂			-4437 Dec 08 j 01:42	0°♁	
	-4439 Jun 11 j 17:14	0°♄		desc. node	-4437 Dec 13 j 22:51	7°♁19'21	
evening max el	-4439 Jun 25 j 08:55	13°♄47'06	46°21'55	morning set	-4437 Dec 24 j 06:01	20°♁07'26	
desc. node	-4439 Jun 28 j 01:40	16°♄22'34			-4436 Jan 01 j 05:05	0°♁	
	-4439 Jul 13 j 12:57	0°♂			-4436 Jan 25 j 11:06	0°☾	
greatest brilliancy	-4439 Aug 03 j 19:21	12°♂56'25	-4.6m				
retrograde	-4439 Aug 14 j 02:51	14°♂52'29		superior conj	-4436 Feb 02 j 11:12	9°☾52'35	-1°-22'-13
evening set	-4439 Aug 31 j 19:26	9°♂00'10		minimum elong	-4436 Feb 02 j 07:53	9°☾42'19	1°22'26
inferior conj	-4439 Sep 03 j 19:04	7°♂12'45	-8°-38'-7	max. Earth dist.	-4436 Feb 04 j 21:57	12°☾53'38	1.73100 AU
minimum elong	-4439 Sep 04 j 01:14	7°♂03'25	8°37'23		-4436 Feb 18 j 19:14	0°♁	
min. Earth dist.	-4439 Sep 04 j 03:20	7°♂00'13	0.26769 AU	evening rise	-4436 Mar 11 j 03:21	26°♁13'03	
morning rise	-4439 Sep 07 j 06:57	5°♂07'30			-4436 Mar 14 j 05:21	0°♁	
	-4439 Sep 19 j 17:51	30°♁☾		asc. node	-4436 Apr 04 j 16:23	26°♁16'12	
direct	-4439 Sep 24 j 07:50	29°♄34'09			-4436 Apr 07 j 17:41	0°♁	
	-4439 Sep 28 j 23:39	0°♂			-4436 May 02 j 08:38	0°♄	
greatest brilliancy	-4439 Oct 07 j 02:56	2°♂37'50	-4.7m		-4436 May 27 j 03:01	0°♂	
asc. node	-4439 Oct 18 j 21:47	9°♂41'40			-4436 Jun 21 j 02:43	0°♄	
	-4439 Nov 10 j 21:47	0°♁			-4436 Jul 16 j 11:52	0°♂	
morning max el	-4439 Nov 14 j 02:27	3°♁13'50	46°48'27	desc. node	-4436 Jul 25 j 13:16	10°♂31'35	
	-4439 Dec 08 j 20:07	0°♂			-4436 Aug 11 j 15:55	0°♁	
	-4438 Jan 03 j 21:34	0°♁		evening max el	-4436 Sep 06 j 19:59	28°♁03'10	47°34'47
	-4438 Jan 29 j 08:23	0°♁			-4436 Sep 08 j 18:34	0°♂	
desc. node	-4438 Feb 07 j 20:52	11°♁18'56		greatest brilliancy	-4436 Oct 15 j 16:50	28°♂54'08	-4.7m
	-4438 Feb 23 j 12:39	0°☾			-4436 Oct 18 j 12:02	0°♁	
	-4438 Mar 20 j 12:17	0°♁		retrograde	-4436 Oct 27 j 19:35	1°♁41'07	
	-4438 Apr 14 j 07:23	0°♁			-4436 Nov 05 j 19:23	30°♁♂	
	-4438 May 08 j 21:38	0°♁		evening set	-4436 Nov 11 j 08:35	27°♂25'09	
morning set	-4438 May 15 j 01:23	7°♁33'02		asc. node	-4436 Nov 15 j 09:07	25°♂03'43	
asc. node	-4438 May 31 j 15:15	27°♁57'50		min. Earth dist.	-4436 Nov 16 j 19:05	24°♂11'08	0.26726 AU

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

inferior conj	-4436 Nov 17 j 12:11	23° 44 '29	0°32'26		-4433 May 17 j 20:53	0° 8	
minimum elong	-4436 Nov 17 j 11:00	23° 46 '20	0°31'59		-4433 Jun 11 j 04:40	0° II	
morning rise	-4436 Nov 23 j 14:04	20° 47 '39			-4433 Jul 05 j 11:55	0° 5	
direct	-4436 Dec 07 j 19:07	16° 40 '43			-4433 Jul 29 j 20:15	0° Ω	
greatest brilliancy	-4436 Dec 18 j 20:01	18° 41 '06	-4.6m	desc. node	-4433 Aug 23 j 01:18	29° Ω 39'17	
	-4435 Jan 06 j 19:05	0° III			-4433 Aug 23 j 08:06	0° III	
morning max el	-4435 Jan 26 j 07:24	17° III 26'32	46°15'18		-4433 Sep 17 j 02:48	0° 4	
	-4435 Feb 07 j 17:39	0° 4			-4433 Oct 12 j 10:50	0° III	
desc. node	-4435 Mar 07 j 08:26	29° 47 '56'48			-4433 Nov 08 j 01:46	0° 4	
	-4435 Mar 07 j 09:34	0° 5		evening max el	-4433 Nov 18 j 03:19	10° 47 '34'53	46°58'58
	-4435 Apr 02 j 17:02	0° 6			-4433 Dec 09 j 02:16	0° 5	
	-4435 Apr 28 j 07:02	0° 7		asc. node	-4433 Dec 13 j 20:36	3° 5 39'40	
	-4435 May 23 j 08:31	0° 8		greatest brilliancy	-4433 Dec 24 j 01:42	10° 5 01'17	-4.6m
	-4435 Jun 16 j 23:35	0° 9		retrograde	-4432 Jan 07 j 20:16	14° 5 00'20	
asc. node	-4435 Jun 28 j 03:28	13° 8 45'07		evening set	-4432 Jan 25 j 02:40	8° 5 05'58	
	-4435 Jul 11 j 05:47	0° II		min. Earth dist.	-4432 Jan 28 j 09:02	6° 5 02'30	0.28799 AU
morning set	-4435 Jul 22 j 08:28	13° II 51'57		inferior conj	-4432 Jan 29 j 01:27	5° 5 36'11	8°03'59
	-4435 Aug 04 j 05:14	0° 6		minimum elong	-4432 Jan 28 j 21:05	5° 5 43'11	8°03'28
	-4435 Aug 28 j 00:47	0° Ω		morning rise	-4432 Feb 01 j 15:53	3° 5 20'02	
max. Earth dist.	-4435 Aug 28 j 15:27	0° Ω 46'17	1.71010 AU		-4432 Feb 07 j 19:47	30° R 4	
				direct	-4432 Feb 19 j 08:28	27° 47 '19'53	
superior conj	-4435 Aug 29 j 15:54	2° Ω 03'25	1°22'24	greatest brilliancy	-4432 Mar 01 j 15:02	29° 47 '38'02	-4.5m
minimum elong	-4435 Aug 29 j 19:55	2° Ω 16'07	1°22'33		-4432 Mar 02 j 13:01	0° 5	
	-4435 Sep 20 j 19:27	0° III		desc. node	-4432 Apr 03 j 19:50	23° 5 07'06	
evening rise	-4435 Oct 09 j 19:37	23° III 55'48		morning max el	-4432 Apr 08 j 03:39	27° 5 09'48	45°49'50
	-4435 Oct 14 j 15:37	0° 4			-4432 Apr 11 j 02:31	0° 6	
desc. node	-4435 Oct 18 j 00:09	4° 4 12'38			-4432 May 09 j 21:52	0° 7	
	-4435 Nov 07 j 14:41	0° III			-4432 Jun 05 j 11:13	0° 8	
	-4435 Dec 01 j 17:36	0° 4			-4432 Jun 30 j 21:22	0° 9	
	-4435 Dec 26 j 01:57	0° 5		asc. node	-4432 Jul 25 j 15:32	0° II 05'39	
	-4434 Jan 19 j 19:11	0° 6			-4432 Jul 25 j 13:42	0° II	
asc. node	-4434 Feb 07 j 17:49	22° 6 30'35			-4432 Aug 18 j 17:46	0° 7	
	-4434 Feb 14 j 03:46	0° 7			-4432 Sep 11 j 14:31	0° Ω	
	-4434 Mar 12 j 16:03	0° 8		morning set	-4432 Oct 04 j 06:28	28° Ω 37'34	
	-4434 Apr 10 j 17:00	0° 9			-4432 Oct 05 j 08:35	0° III	
evening max el	-4434 Apr 11 j 04:53	0° 8 28'13	45°10'07		-4432 Oct 29 j 03:32	0° 4	
greatest brilliancy	-4434 May 17 j 00:09	26° 8 54'36	-4.5m	desc. node	-4432 Nov 14 j 12:34	20° 4 34'07	
retrograde	-4434 May 29 j 14:41	29° 8 40'31					
desc. node	-4434 May 30 j 16:20	29° 8 39'12		superior conj	-4432 Nov 15 j 04:29	21° 4 24'00	0°-1'-33
evening set	-4434 Jun 13 j 15:47	25° 8 23'09		minimum elong	-4432 Nov 15 j 04:01	21° 4 22'31	0°01'37
inferior conj	-4434 Jun 19 j 19:04	21° 8 49'02	-4°-32'-26	behind sun begin	-4432 Nov 14 j 00:59	19° 4 57'48	
minimum elong	-4434 Jun 19 j 10:05	22° 8 02'39	4°29'59	behind sun end	-4432 Nov 16 j 07:02	22° 4 47'14	
min. Earth dist.	-4434 Jun 20 j 04:12	21° 8 35'09	0.28061 AU	max. Earth dist.	-4432 Nov 20 j 10:17	27° 4 58'00	1.71413 AU
morning rise	-4434 Jun 25 j 03:50	18° 8 38'51			-4432 Nov 22 j 01:16	0° III	
direct	-4434 Jul 11 j 05:06	13° 8 45'31			-4432 Dec 16 j 02:16	0° 4	
greatest brilliancy	-4434 Jul 25 j 19:48	17° 8 32'01	-4.6m	evening rise	-4432 Dec 27 j 01:13	13° 47 '36'57	
	-4434 Aug 13 j 05:47	0° II			-4431 Jan 09 j 06:40	0° 5	
morning max el	-4434 Aug 30 j 12:06	16° II 01'21	46°40'20		-4431 Feb 02 j 15:14	0° 6	
	-4434 Sep 12 j 19:38	0° 7			-4431 Feb 27 j 05:37	0° 7	
asc. node	-4434 Sep 20 j 12:44	8° 7 31'53		asc. node	-4431 Mar 07 j 06:10	9° 7 42'07	
	-4434 Oct 09 j 03:35	0° Ω			-4431 Mar 24 j 04:16	0° 8	
	-4434 Nov 03 j 03:20	0° III			-4431 Apr 18 j 14:42	0° 9	
	-4434 Nov 27 j 15:46	0° 4			-4431 May 14 j 19:32	0° II	
	-4434 Dec 22 j 01:52	0° III			-4431 Jun 11 j 12:44	0° 7	
desc. node	-4433 Jan 10 j 11:01	23° III 46'32		evening max el	-4431 Jun 22 j 21:37	11° 7 23'59	46°18'31
	-4433 Jan 15 j 12:54	0° 4		desc. node	-4431 Jun 27 j 03:43	15° 7 27'29	
	-4433 Feb 09 j 01:03	0° 5			-4431 Jul 14 j 04:16	0° Ω	
	-4433 Mar 05 j 13:26	0° 6		greatest brilliancy	-4431 Aug 01 j 07:58	10° Ω 30'13	-4.6m
morning set	-4433 Mar 06 j 18:45	1° 6 29'43		retrograde	-4431 Aug 11 j 14:01	12° Ω 25'06	
	-4433 Mar 30 j 01:11	0° 7		evening set	-4431 Aug 29 j 09:28	6° Ω 30'27	
max. Earth dist.	-4433 Apr 10 j 13:59	14° 7 08'50	1.73733 AU	inferior conj	-4431 Sep 01 j 07:21	4° Ω 45'38	-8°-44'-2
				minimum elong	-4431 Sep 01 j 12:40	4° Ω 37'34	8°43'28
superior conj	-4433 Apr 12 j 03:22	16° 7 03'31	0°-46'-27	min. Earth dist.	-4431 Sep 01 j 16:01	4° Ω 32'30	0.26808 AU
minimum elong	-4433 Apr 12 j 11:06	16° 7 27'16	0°46'13	morning rise	-4431 Sep 04 j 15:46	2° Ω 45'15	
	-4433 Apr 23 j 11:46	0° 8			-4431 Sep 09 j 20:11	30° R 5	
asc. node	-4433 May 03 j 04:58	11° 8 56'45		direct	-4431 Sep 21 j 20:21	27° 7 06'25	
evening rise	-4433 May 17 j 20:42	29° 8 59'27			-4431 Oct 04 j 07:10	0° Ω	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

greatest brilliancy	-4431 Oct 04 j 17:37	0°♌11'41	-4.7m		-4428 May 26 j 14:51	0°♐	
asc. node	-4431 Oct 18 j 00:02	8°♌22'22			-4428 Jun 20 j 15:27	0°♍	
	-4431 Nov 10 j 21:25	0°♎			-4428 Jul 16 j 02:06	0°♌	
morning max el	-4431 Nov 11 j 14:22	0°♎43'14	46°48'58	desc. node	-4428 Jul 24 j 15:18	9°♌54'20	
	-4431 Dec 08 j 12:51	0°♏			-4428 Aug 11 j 08:57	0°♎	
	-4430 Jan 03 j 11:41	0°♍		evening max el	-4428 Sep 04 j 09:47	25°♎38'32	47°33'48
	-4430 Jan 28 j 21:06	0°♎			-4428 Sep 08 j 19:03	0°♏	
desc. node	-4430 Feb 06 j 22:53	10°♎48'03		greatest brilliancy	-4428 Oct 13 j 07:54	26°♏27'51	-4.7m
	-4430 Feb 23 j 00:31	0°♐		retrograde	-4428 Oct 25 j 09:08	29°♏13'17	
	-4430 Mar 19 j 23:35	0°♑		evening set	-4428 Nov 08 j 22:12	24°♏56'41	
	-4430 Apr 13 j 18:19	0°♒		asc. node	-4428 Nov 14 j 11:13	21°♏39'15	
	-4430 May 08 j 08:22	0°♓		min. Earth dist.	-4428 Nov 14 j 09:08	21°♏42'28	0.26681 AU
morning set	-4430 May 12 j 20:31	5°♓31'36		inferior conj	-4428 Nov 15 j 01:13	21°♏17'32	0°08'55
asc. node	-4430 May 30 j 17:20	27°♓31'18		minimum elong	-4428 Nov 15 j 00:53	21°♏18'02	0°08'44
	-4430 Jun 01 j 17:29	0°♈		transit middle	-4428 Nov 15 j 00:53	21°♏18'02	0°08'44
max. Earth dist.	-4430 Jun 13 j 08:20	14°♈23'15	1.72693 AU	transit begin	-4428 Nov 14 j 21:26	21°♏23'24	
				transit end	-4428 Nov 15 j 04:20	21°♏12'41	
superior conj	-4430 Jun 17 j 20:17	19°♈58'16	0°40'51	morning rise	-4428 Nov 21 j 04:10	17°♏39'53	
minimum elong	-4430 Jun 17 j 13:01	19°♈35'42	0°40'42	direct	-4428 Dec 05 j 07:45	13°♏36'24	
	-4430 Jun 25 j 21:52	0°♐		greatest brilliancy	-4428 Dec 16 j 10:19	15°♏55'06	-4.6m
	-4430 Jul 19 j 22:38	0°♑			-4427 Jan 07 j 07:12	0°♍	
evening rise	-4430 Jul 24 j 06:10	5°♑23'49		morning max el	-4427 Jan 23 j 22:03	15°♍08'18	46°16'38
	-4430 Aug 12 j 21:45	0°♌			-4427 Feb 07 j 12:41	0°♎	
	-4430 Sep 05 j 21:26	0°♍		desc. node	-4427 Mar 06 j 10:41	29°♎21'29	
desc. node	-4430 Sep 19 j 13:45	17°♍03'31			-4427 Mar 07 j 00:24	0°♐	
	-4430 Sep 29 j 23:35	0°♏			-4427 Apr 02 j 06:00	0°♑	
	-4430 Oct 24 j 06:00	0°♐			-4427 Apr 27 j 19:00	0°♒	
	-4430 Nov 17 j 19:38	0°♑			-4427 May 22 j 19:54	0°♓	
	-4430 Dec 12 j 23:19	0°♒			-4427 Jun 16 j 10:39	0°♈	
	-4429 Jan 08 j 09:38	0°♑		asc. node	-4427 Jun 27 j 05:34	13°♈17'34	
asc. node	-4429 Jan 10 j 08:04	2°♑06'04			-4427 Jul 10 j 16:43	0°♐	
evening max el	-4429 Jan 27 j 21:53	20°♑15'45	45°32'23	morning set	-4427 Jul 20 j 00:15	11°♐37'07	
	-4429 Feb 07 j 08:31	0°♒			-4427 Aug 03 j 16:09	0°♑	
greatest brilliancy	-4429 Mar 02 j 23:14	16°♒44'06	-4.5m	max. Earth dist.	-4427 Aug 26 j 00:18	28°♑08'05	1.71045 AU
retrograde	-4429 Mar 17 j 14:35	20°♒29'37					
evening set	-4429 Apr 02 j 22:02	15°♒25'50		superior conj	-4427 Aug 27 j 04:47	29°♑37'58	1°23'00
inferior conj	-4429 Apr 08 j 02:39	12°♒15'52	5°06'45	minimum elong	-4427 Aug 27 j 07:54	29°♑47'47	1°23'11
minimum elong	-4429 Apr 08 j 11:21	12°♒02'09	5°04'45		-4427 Aug 27 j 11:47	0°♌	
min. Earth dist.	-4429 Apr 08 j 19:57	11°♒48'37	0.29257 AU		-4427 Sep 20 j 06:33	0°♍	
morning rise	-4429 Apr 14 j 00:17	8°♒40'05		evening rise	-4427 Oct 07 j 04:22	21°♍17'16	
direct	-4429 Apr 29 j 22:15	3°♒49'45			-4427 Oct 14 j 02:50	0°♏	
desc. node	-4429 May 02 j 07:00	3°♒56'07		desc. node	-4427 Oct 17 j 02:13	3°♏43'53	
greatest brilliancy	-4429 May 13 j 23:59	7°♒14'55	-4.5m		-4427 Nov 07 j 02:02	0°♍	
	-4429 Jun 13 j 20:37	0°♓			-4427 Dec 01 j 05:06	0°♎	
morning max el	-4429 Jun 18 j 01:40	3°♓59'32	46°02'56		-4427 Dec 25 j 13:42	0°♐	
	-4429 Jul 13 j 02:27	0°♈			-4426 Jan 19 j 07:27	0°♑	
	-4429 Aug 08 j 09:14	0°♐		asc. node	-4426 Feb 06 j 20:03	21°♑58'58	
asc. node	-4429 Aug 23 j 03:23	17°♐35'51			-4426 Feb 13 j 17:08	0°♒	
	-4429 Sep 02 j 08:26	0°♑			-4426 Mar 12 j 07:54	0°♓	
	-4429 Sep 26 j 15:08	0°♌		evening max el	-4426 Apr 08 j 20:56	28°♓17'55	45°09'13
	-4429 Oct 20 j 14:32	0°♍			-4426 Apr 10 j 16:19	0°♈	
	-4429 Nov 13 j 12:41	0°♏		greatest brilliancy	-4426 May 14 j 12:53	24°♈38'42	-4.5m
	-4429 Dec 07 j 12:53	0°♐		retrograde	-4426 May 27 j 05:11	27°♈25'50	
desc. node	-4429 Dec 13 j 00:52	6°♐50'58		desc. node	-4426 May 29 j 18:25	27°♈18'18	
morning set	-4429 Dec 21 j 16:45	17°♐37'19		evening set	-4426 Jun 11 j 04:39	23°♈10'50	
	-4429 Dec 31 j 16:06	0°♑		inferior conj	-4426 Jun 17 j 09:38	19°♈33'52	-4°-13'-49
	-4428 Jan 24 j 22:00	0°♒		minimum elong	-4426 Jun 17 j 01:06	19°♈46'51	4°11'27
				min. Earth dist.	-4426 Jun 17 j 18:54	19°♈19'45	0.28100 AU
superior conj	-4428 Jan 31 j 01:50	7°♒36'11	-1°-21'-35	morning rise	-4426 Jun 22 j 21:03	16°♈19'46	
minimum elong	-4428 Jan 30 j 21:43	7°♒23'31	1°21'47	direct	-4426 Jul 08 j 20:51	11°♈29'45	
max. Earth dist.	-4428 Feb 02 j 13:25	10°♒39'55	1.73053 AU	greatest brilliancy	-4426 Jul 23 j 10:31	15°♈15'11	-4.6m
	-4428 Feb 18 j 06:04	0°♑			-4426 Aug 13 j 13:37	0°♐	
evening rise	-4428 Mar 08 j 20:37	24°♑05'35		morning max el	-4426 Aug 28 j 02:33	13°♐41'10	46°39'13
	-4428 Mar 13 j 16:12	0°♒			-4426 Sep 12 j 13:52	0°♑	
asc. node	-4428 Apr 03 j 18:36	25°♒49'32		asc. node	-4426 Sep 19 j 15:00	7°♑50'38	
	-4428 Apr 07 j 04:39	0°♓			-4426 Oct 08 j 18:22	0°♌	
	-4428 May 01 j 19:55	0°♈			-4426 Nov 02 j 16:38	0°♍	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4426 Nov 27 j 04:15	0°♄				-4423 May 14 j 11:01	0°♂	
	-4426 Dec 21 j 13:51	0°♆				-4423 Jun 11 j 09:16	0°♄	
desc. node	-4425 Jan 09 j 13:05	23°♆17'09		evening max el		-4423 Jun 20 j 09:18	8°♄57'26	46°15'12
	-4425 Jan 15 j 00:29	0°♂		desc. node		-4423 Jun 26 j 05:51	14°♄30'15	
	-4425 Feb 08 j 12:18	0°♄				-4423 Jul 15 j 01:21	0°♂	
morning set	-4425 Mar 04 j 11:34	29°♄20'36		greatest brilliancy		-4423 Jul 29 j 20:18	8°♂02'38	-4.6m
	-4425 Mar 05 j 00:26	0°♄		retrograde		-4423 Aug 09 j 01:16	9°♂56'55	
	-4425 Mar 29 j 12:04	0°♂		evening set		-4423 Aug 26 j 22:59	4°♂00'10	
max. Earth dist.	-4425 Apr 08 j 12:43	12°♂17'56	1.73738 AU	inferior conj		-4423 Aug 29 j 19:32	2°♂17'27	-8°-48'-59
				minimum elong		-4423 Aug 29 j 23:57	2°♂10'46	8°48'32
superior conj	-4425 Apr 09 j 21:57	13°♂59'52	0°-48'-57	min. Earth dist.		-4423 Aug 30 j 04:39	2°♂03'40	0.26845 AU
minimum elong	-4425 Apr 10 j 05:55	14°♂24'21	0°48'45	morning rise		-4423 Sep 02 j 00:47	0°♂21'43	
	-4425 Apr 22 j 22:38	0°♂				-4423 Sep 02 j 15:44	30°♂♄	
asc. node	-4425 May 02 j 07:00	11°♂29'27		direct		-4423 Sep 19 j 08:31	24°♄37'24	
evening rise	-4425 May 15 j 16:04	27°♂57'23		greatest brilliancy		-4423 Oct 02 j 08:57	27°♄45'32	-4.7m
	-4425 May 17 j 07:53	0°♂				-4423 Oct 06 j 17:23	0°♂	
	-4425 Jun 10 j 15:53	0°♂		asc. node		-4423 Oct 17 j 02:02	7°♂04'09	
	-4425 Jul 04 j 23:26	0°♄		morning max el		-4423 Nov 09 j 02:36	28°♂12'42	46°49'45
	-4425 Jul 29 j 08:13	0°♂				-4423 Nov 10 j 20:18	0°♂	
desc. node	-4425 Aug 22 j 03:33	29°♂07'52				-4423 Dec 08 j 05:28	0°♄	
	-4425 Aug 22 j 20:41	0°♂				-4422 Jan 03 j 01:52	0°♆	
	-4425 Sep 16 j 16:21	0°♄				-4422 Jan 28 j 09:59	0°♂	
	-4425 Oct 12 j 02:05	0°♆		desc. node		-4422 Feb 06 j 01:06	10°♂17'10	
	-4425 Nov 07 j 20:56	0°♂				-4422 Feb 22 j 12:36	0°♄	
evening max el	-4425 Nov 15 j 19:17	8°♂17'42	47°01'34			-4422 Mar 19 j 11:10	0°♄	
	-4425 Dec 09 j 15:41	0°♄				-4422 Apr 13 j 05:35	0°♂	
asc. node	-4425 Dec 12 j 22:41	2°♄24'53				-4422 May 07 j 19:28	0°♂	
greatest brilliancy	-4425 Dec 21 j 21:00	7°♄50'41	-4.6m	morning set		-4422 May 10 j 15:21	3°♂28'08	
retrograde	-4424 Jan 05 j 12:47	11°♄46'19		asc. node		-4422 May 29 j 19:24	27°♂03'39	
evening set	-4424 Jan 22 j 16:53	5°♄55'53				-4422 Jun 01 j 04:30	0°♂	
min. Earth dist.	-4424 Jan 26 j 00:10	3°♄50'56	0.28736 AU	max. Earth dist.		-4422 Jun 11 j 05:02	12°♂24'24	1.72753 AU
inferior conj	-4424 Jan 26 j 17:44	3°♄22'44	7°59'22					
minimum elong	-4424 Jan 26 j 12:44	3°♄30'44	7°58'46	superior conj		-4422 Jun 15 j 14:15	17°♂50'46	0°38'04
morning rise	-4424 Jan 30 j 09:00	1°♄05'08		minimum elong		-4422 Jun 15 j 07:23	17°♂29'25	0°37'56
	-4424 Feb 01 j 04:53	30°♂♄				-4422 Jun 25 j 08:56	0°♂	
direct	-4424 Feb 17 j 00:12	25°♂07'42				-4422 Jul 19 j 09:52	0°♄	
greatest brilliancy	-4424 Feb 28 j 03:50	27°♂22'59	-4.5m	evening rise		-4422 Jul 21 j 22:06	3°♄08'21	
	-4424 Mar 04 j 20:28	0°♄				-4422 Aug 12 j 09:12	0°♂	
desc. node	-4424 Apr 02 j 21:56	22°♄15'34				-4422 Sep 05 j 09:09	0°♂	
morning max el	-4424 Apr 05 j 18:26	24°♄56'41	45°50'01	desc. node		-4422 Sep 18 j 15:49	16°♂33'02	
	-4424 Apr 10 j 23:45	0°♄				-4422 Sep 29 j 11:36	0°♄	
	-4424 May 09 j 13:19	0°♂				-4422 Oct 23 j 18:22	0°♆	
	-4424 Jun 05 j 00:32	0°♂				-4422 Nov 17 j 08:36	0°♂	
	-4424 Jun 30 j 09:41	0°♂				-4422 Dec 12 j 13:28	0°♄	
asc. node	-4424 Jul 24 j 17:40	29°♂35'58				-4421 Jan 08 j 02:40	0°♄	
	-4424 Jul 25 j 01:29	0°♂		asc. node		-4421 Jan 09 j 10:17	1°♄25'17	
	-4424 Aug 18 j 05:15	0°♄		evening max el		-4421 Jan 25 j 12:46	18°♄01'31	45°34'45
	-4424 Sep 11 j 01:51	0°♂				-4421 Feb 07 j 12:35	0°♂	
morning set	-4424 Oct 01 j 17:27	26°♂05'00		greatest brilliancy		-4421 Feb 28 j 13:36	14°♂33'45	-4.5m
	-4424 Oct 04 j 19:52	0°♂		retrograde		-4421 Mar 15 j 07:53	18°♂22'59	
	-4424 Oct 28 j 14:47	0°♄		evening set		-4421 Mar 31 j 17:18	13°♂14'52	
				inferior conj		-4421 Apr 05 j 19:36	10°♂08'10	5°21'05
superior conj	-4424 Nov 12 j 13:35	18°♄46'56	0°02'27	minimum elong		-4421 Apr 06 j 04:26	9°♂54'16	5°19'08
minimum elong	-4424 Nov 12 j 14:14	18°♄48'57	0°02'23	min. Earth dist.		-4421 Apr 06 j 12:23	9°♂41'46	0.29285 AU
behind sun begin	-4424 Nov 11 j 11:17	17°♄24'28		morning rise		-4421 Apr 11 j 15:15	6°♂35'20	
behind sun end	-4424 Nov 13 j 17:10	20°♄13'25		direct		-4421 Apr 27 j 14:59	1°♂41'31	
desc. node	-4424 Nov 13 j 14:35	20°♄05'19		desc. node		-4421 May 01 j 09:04	1°♂57'26	
max. Earth dist.	-4424 Nov 17 j 20:12	25°♄23'41	1.71361 AU	greatest brilliancy		-4421 May 11 j 16:40	5°♂06'47	-4.5m
	-4424 Nov 21 j 12:29	0°♆				-4421 Jun 13 j 20:22	0°♂	
	-4424 Dec 15 j 13:28	0°♂		morning max el		-4421 Jun 15 j 18:34	1°♂50'25	46°01'53
evening rise	-4424 Dec 24 j 12:56	11°♂09'30				-4421 Jul 12 j 18:46	0°♂	
	-4423 Jan 08 j 17:54	0°♄				-4421 Aug 07 j 23:07	0°♂	
	-4423 Feb 02 j 02:35	0°♄		asc. node		-4421 Aug 22 j 05:36	17°♂02'48	
	-4423 Feb 26 j 17:16	0°♂				-4421 Sep 01 j 21:13	0°♄	
asc. node	-4423 Mar 06 j 08:19	9°♂13'06				-4421 Sep 26 j 03:21	0°♂	
	-4423 Mar 23 j 16:31	0°♂				-4421 Oct 20 j 02:25	0°♂	
	-4423 Apr 18 j 04:03	0°♂				-4421 Nov 13 j 00:20	0°♄	

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4421 Dec 07 j 00:20	0°♌		retrograde	-4418 May 24 j 19:21	25°♏11'46	
desc. node	-4421 Dec 12 j 02:59	6°♌22'01		desc. node	-4418 May 28 j 20:33	24°♏52'47	
morning set	-4421 Dec 19 j 03:40	15°♌06'45		evening set	-4418 Jun 08 j 17:58	20°♏58'48	
	-4421 Dec 31 j 03:22	0°♏		inferior conj	-4418 Jun 15 j 00:29	17°♏19'21	-3°-55'-3
	-4420 Jan 24 j 09:07	0°♏		minimum elong	-4418 Jun 14 j 16:27	17°♏31'37	3°52'46
				min. Earth dist.	-4418 Jun 15 j 10:13	17°♏04'31	0.28145 AU
superior conj	-4420 Jan 28 j 16:36	5°♏19'25	-1°-20'-50	morning rise	-4418 Jun 20 j 14:23	14°♏01'18	
minimum elong	-4420 Jan 28 j 11:42	5°♏04'20	1°21'00	direct	-4418 Jul 06 j 12:29	9°♏14'30	
max. Earth dist.	-4420 Jan 31 j 06:11	8°♏29'25	1.73004 AU	greatest brilliancy	-4418 Jul 21 j 01:29	12°♏58'33	-4.6m
	-4420 Feb 17 j 17:07	0°♏			-4418 Aug 13 j 19:25	0°♏	
evening rise	-4420 Mar 06 j 14:06	21°♏58'08		morning max el	-4418 Aug 25 j 16:24	11°♏18'58	46°37'58
	-4420 Mar 13 j 03:16	0°♏			-4418 Sep 12 j 07:55	0°♏	
asc. node	-4420 Apr 02 j 20:37	25°♏21'29		asc. node	-4418 Sep 18 j 17:00	7°♏08'27	
	-4420 Apr 06 j 15:54	0°♏			-4418 Oct 08 j 09:11	0°♏	
	-4420 May 01 j 07:31	0°♏			-4418 Nov 02 j 05:59	0°♏	
	-4420 May 26 j 03:05	0°♏			-4418 Nov 26 j 16:49	0°♏	
	-4420 Jun 20 j 04:38	0°♏			-4418 Dec 21 j 01:53	0°♏	
	-4420 Jul 15 j 16:50	0°♏		desc. node	-4417 Jan 08 j 15:17	22°♏47'57	
desc. node	-4420 Jul 23 j 17:32	9°♏16'21			-4417 Jan 14 j 12:07	0°♏	
	-4420 Aug 11 j 02:41	0°♏			-4417 Feb 07 j 23:37	0°♏	
evening max el	-4420 Sep 02 j 00:22	23°♏15'08	47°32'45	morning set	-4417 Mar 02 j 04:29	27°♏11'33	
	-4420 Sep 08 j 21:08	0°♏			-4417 Mar 04 j 11:30	0°♏	
greatest brilliancy	-4420 Oct 10 j 22:36	24°♏00'11	-4.7m		-4417 Mar 28 j 22:58	0°♏	
retrograde	-4420 Oct 22 j 22:59	26°♏44'11		max. Earth dist.	-4417 Apr 06 j 10:19	10°♏23'33	1.73736 AU
evening set	-4420 Nov 06 j 11:59	22°♏26'54					
min. Earth dist.	-4420 Nov 11 j 22:51	19°♏12'52	0.26636 AU	superior conj	-4417 Apr 07 j 16:50	11°♏57'08	0°-51'-24
inferior conj	-4420 Nov 12 j 14:06	18°♏49'15	0°-14'-49	minimum elong	-4417 Apr 08 j 01:00	12°♏22'13	0°51'10
minimum elong	-4420 Nov 12 j 14:39	18°♏48'24	0°14'44		-4417 Apr 22 j 09:31	0°♏	
transit middle	-4420 Nov 12 j 14:39	18°♏48'24	0°14'44	asc. node	-4417 May 01 j 09:08	11°♏02'34	
transit begin	-4420 Nov 12 j 12:42	18°♏51'25		evening rise	-4417 May 13 j 11:44	25°♏56'27	
transit end	-4420 Nov 12 j 16:36	18°♏45'23			-4417 May 16 j 18:51	0°♏	
asc. node	-4420 Nov 13 j 13:23	18°♏13'16			-4417 Jun 10 j 03:05	0°♏	
morning rise	-4420 Nov 18 j 17:59	15°♏11'07			-4417 Jul 04 j 11:00	0°♏	
direct	-4420 Dec 02 j 20:44	11°♏09'00			-4417 Jul 28 j 20:17	0°♏	
greatest brilliancy	-4420 Dec 13 j 23:43	13°♏28'54	-4.6m	desc. node	-4417 Aug 21 j 05:34	28°♏35'14	
	-4419 Jan 07 j 16:35	0°♏			-4417 Aug 22 j 09:27	0°♏	
morning max el	-4419 Jan 21 j 12:55	12°♏49'49	46°18'05		-4417 Sep 16 j 06:08	0°♏	
	-4419 Feb 07 j 07:27	0°♏			-4417 Oct 11 j 17:39	0°♏	
desc. node	-4419 Mar 05 j 12:45	28°♏45'23			-4417 Nov 07 j 16:44	0°♏	
	-4419 Mar 06 j 15:14	0°♏		evening max el	-4417 Nov 13 j 10:13	5°♏57'28	47°04'17
	-4419 Apr 01 j 19:03	0°♏			-4417 Dec 10 j 09:43	0°♏	
	-4419 Apr 27 j 07:05	0°♏		asc. node	-4417 Dec 12 j 00:53	1°♏07'53	
	-4419 May 22 j 07:27	0°♏		greatest brilliancy	-4417 Dec 19 j 16:08	5°♏39'28	-4.6m
	-4419 Jun 15 j 21:56	0°♏		retrograde	-4416 Jan 03 j 04:57	9°♏32'09	
asc. node	-4419 Jun 26 j 07:46	12°♏49'40		evening set	-4416 Jan 20 j 06:58	3°♏45'49	
	-4419 Jul 10 j 03:54	0°♏		min. Earth dist.	-4416 Jan 23 j 15:38	1°♏38'45	0.28670 AU
morning set	-4419 Jul 17 j 16:02	9°♏21'35		inferior conj	-4416 Jan 24 j 10:01	1°♏09'14	7°54'08
	-4419 Aug 03 j 03:21	0°♏		minimum elong	-4416 Jan 24 j 04:26	1°♏18'12	7°53'24
max. Earth dist.	-4419 Aug 23 j 06:33	25°♏21'04	1.71079 AU		-4416 Jan 26 j 05:19	30°♏♏	
				morning rise	-4416 Jan 28 j 02:18	28°♏49'55	
superior conj	-4419 Aug 24 j 17:46	27°♏12'04	1°23'28	direct	-4416 Feb 14 j 15:27	22°♏55'22	
minimum elong	-4419 Aug 24 j 19:59	27°♏19'04	1°23'39	greatest brilliancy	-4416 Feb 25 j 17:37	25°♏08'55	-4.5m
	-4419 Aug 26 j 23:02	0°♏			-4416 Mar 06 j 08:22	0°♏	
	-4419 Sep 19 j 17:53	0°♏		desc. node	-4416 Apr 01 j 23:59	21°♏24'59	
evening rise	-4419 Oct 04 j 13:06	18°♏37'57		morning max el	-4416 Apr 03 j 08:46	22°♏42'36	45°50'26
	-4419 Oct 13 j 14:16	0°♏			-4416 Apr 10 j 20:12	0°♏	
desc. node	-4419 Oct 16 j 04:14	3°♏14'18			-4416 May 09 j 04:26	0°♏	
	-4419 Nov 06 j 13:36	0°♏			-4416 Jun 04 j 13:37	0°♏	
	-4419 Nov 30 j 16:50	0°♏			-4416 Jun 29 j 21:46	0°♏	
	-4419 Dec 25 j 01:41	0°♏		asc. node	-4416 Jul 23 j 19:52	29°♏07'04	
	-4418 Jan 18 j 19:56	0°♏			-4416 Jul 24 j 13:04	0°♏	
asc. node	-4418 Feb 05 j 22:13	21°♏26'40			-4416 Aug 17 j 16:36	0°♏	
	-4418 Feb 13 j 06:44	0°♏			-4416 Sep 10 j 13:07	0°♏	
	-4418 Mar 12 j 00:05	0°♏		morning set	-4416 Sep 29 j 04:13	23°♏31'46	
evening max el	-4418 Apr 06 j 12:44	26°♏07'01	45°08'24		-4416 Oct 04 j 07:07	0°♏	
	-4418 Apr 10 j 16:43	0°♏			-4416 Oct 28 j 02:02	0°♏	
greatest brilliancy	-4418 May 12 j 02:19	22°♏24'00	-4.5m				

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Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

superior conj	-4416 Nov 09 j 22:11	16° $\frac{1}{2}$ 08'14	0°06'29	minimum elong	-4413 Apr 03 j 21:21	7° $\frac{1}{2}$ 46'36	5°33'12
minimum elong	-4416 Nov 09 j 23:58	16° $\frac{1}{2}$ 13'47	0°06'21	min. Earth dist.	-4413 Apr 04 j 04:22	7° $\frac{1}{2}$ 35'34	0.29308 AU
behind sun begin	-4416 Nov 08 j 22:39	14° $\frac{1}{2}$ 54'24		morning rise	-4413 Apr 09 j 05:56	4° $\frac{1}{2}$ 30'57	
behind sun end	-4416 Nov 11 j 01:16	17° $\frac{1}{2}$ 33'09			-4413 Apr 20 j 14:53	30° $\frac{1}{2}$	
desc. node	-4416 Nov 12 j 16:46	19° $\frac{1}{2}$ 36'58		direct	-4413 Apr 25 j 08:00	29° $\frac{1}{2}$ 33'38	
max. Earth dist.	-4416 Nov 15 j 01:29	22° $\frac{1}{2}$ 34'44	1.71309 AU	desc. node	-4413 Apr 30 j 11:18	0° $\frac{1}{2}$ 03'19	
	-4416 Nov 20 j 23:42	0° $\frac{1}{2}$			-4413 Apr 30 j 04:05	0° $\frac{1}{2}$	
	-4416 Dec 15 j 00:38	0° $\frac{1}{2}$		greatest brilliancy	-4413 May 09 j 08:15	2° $\frac{1}{2}$ 57'55	-4.5m
evening rise	-4416 Dec 22 j 00:03	8° $\frac{1}{2}$ 40'18		morning max el	-4413 Jun 13 j 11:54	29° $\frac{1}{2}$ 43'20	46°00'57
	-4415 Jan 08 j 05:05	0° $\frac{1}{2}$			-4413 Jun 13 j 18:49	0° $\frac{1}{2}$	
	-4415 Feb 01 j 13:53	0° $\frac{1}{2}$			-4413 Jul 12 j 10:28	0° $\frac{1}{2}$	
	-4415 Feb 26 j 04:51	0° $\frac{1}{2}$			-4413 Aug 07 j 12:31	0° $\frac{1}{2}$	
asc. node	-4415 Mar 05 j 10:20	8° $\frac{1}{2}$ 43'53		asc. node	-4413 Aug 21 j 07:36	16° $\frac{1}{2}$ 30'19	
	-4415 Mar 23 j 04:40	0° $\frac{1}{2}$			-4413 Sep 01 j 09:34	0° $\frac{1}{2}$	
	-4415 Apr 17 j 17:18	0° $\frac{1}{2}$			-4413 Sep 25 j 15:10	0° $\frac{1}{2}$	
	-4415 May 14 j 02:27	0° $\frac{1}{2}$			-4413 Oct 19 j 13:55	0° $\frac{1}{2}$	
	-4415 Jun 11 j 06:05	0° $\frac{1}{2}$			-4413 Nov 12 j 11:37	0° $\frac{1}{2}$	
evening max el	-4415 Jun 17 j 21:10	6° $\frac{1}{2}$ 32'42	46°12'05		-4413 Dec 06 j 11:28	0° $\frac{1}{2}$	
desc. node	-4415 Jun 25 j 08:04	13° $\frac{1}{2}$ 33'01		desc. node	-4413 Dec 11 j 05:08	5° $\frac{1}{2}$ 54'07	
	-4415 Jul 16 j 05:07	0° $\frac{1}{2}$		morning set	-4413 Dec 16 j 14:17	12° $\frac{1}{2}$ 36'02	
greatest brilliancy	-4415 Jul 27 j 07:35	5° $\frac{1}{2}$ 35'37	-4.6m		-4413 Dec 30 j 14:23	0° $\frac{1}{2}$	
retrograde	-4415 Aug 06 j 13:10	7° $\frac{1}{2}$ 30'40			-4412 Jan 23 j 20:03	0° $\frac{1}{2}$	
evening set	-4415 Aug 24 j 12:13	1° $\frac{1}{2}$ 32'09					
inferior conj	-4415 Aug 27 j 07:57	29° $\frac{1}{2}$ 50'52	-8°-52'-48	superior conj	-4412 Jan 26 j 06:39	3° $\frac{1}{2}$ 00'58	-1°-19'-54
minimum elong	-4415 Aug 27 j 11:27	29° $\frac{1}{2}$ 45'34	8°52'26	minimum elong	-4412 Jan 26 j 00:59	2° $\frac{1}{2}$ 43'29	1°20'03
	-4415 Aug 27 j 01:54	30° $\frac{1}{2}$		max. Earth dist.	-4412 Jan 28 j 23:08	6° $\frac{1}{2}$ 20'04	1.72957 AU
min. Earth dist.	-4415 Aug 27 j 17:12	29° $\frac{1}{2}$ 36'52	0.26892 AU		-4412 Feb 17 j 03:58	0° $\frac{1}{2}$	
morning rise	-4415 Aug 30 j 10:31	27° $\frac{1}{2}$ 59'12		evening rise	-4412 Mar 04 j 06:57	19° $\frac{1}{2}$ 49'18	
direct	-4415 Sep 16 j 21:11	22° $\frac{1}{2}$ 09'47			-4412 Mar 12 j 14:08	0° $\frac{1}{2}$	
greatest brilliancy	-4415 Sep 30 j 00:51	25° $\frac{1}{2}$ 21'21	-4.7m	asc. node	-4412 Apr 01 j 22:45	24° $\frac{1}{2}$ 54'29	
	-4415 Oct 08 j 06:16	0° $\frac{1}{2}$			-4412 Apr 06 j 02:55	0° $\frac{1}{2}$	
asc. node	-4415 Oct 16 j 04:16	5° $\frac{1}{2}$ 49'26			-4412 Apr 30 j 18:55	0° $\frac{1}{2}$	
morning max el	-4415 Nov 06 j 15:59	25° $\frac{1}{2}$ 45'25	46°50'13		-4412 May 25 j 15:05	0° $\frac{1}{2}$	
	-4415 Nov 10 j 18:12	0° $\frac{1}{2}$			-4412 Jun 19 j 17:36	0° $\frac{1}{2}$	
	-4415 Dec 07 j 21:46	0° $\frac{1}{2}$			-4412 Jul 15 j 07:24	0° $\frac{1}{2}$	
	-4414 Jan 02 j 15:51	0° $\frac{1}{2}$		desc. node	-4412 Jul 22 j 19:36	8° $\frac{1}{2}$ 38'32	
	-4414 Jan 27 j 22:42	0° $\frac{1}{2}$			-4412 Aug 10 j 20:21	0° $\frac{1}{2}$	
desc. node	-4414 Feb 05 j 03:11	9° $\frac{1}{2}$ 46'16		evening max el	-4412 Aug 30 j 15:40	20° $\frac{1}{2}$ 54'56	47°31'40
	-4414 Feb 22 j 00:31	0° $\frac{1}{2}$			-4412 Sep 09 j 00:04	0° $\frac{1}{2}$	
	-4414 Mar 18 j 22:33	0° $\frac{1}{2}$		greatest brilliancy	-4412 Oct 08 j 13:48	21° $\frac{1}{2}$ 34'59	-4.7m
	-4414 Apr 12 j 16:39	0° $\frac{1}{2}$		retrograde	-4412 Oct 20 j 12:56	24° $\frac{1}{2}$ 16'44	
	-4414 May 07 j 06:19	0° $\frac{1}{2}$		evening set	-4412 Nov 04 j 02:10	19° $\frac{1}{2}$ 58'51	
morning set	-4414 May 08 j 10:20	1° $\frac{1}{2}$ 25'51		min. Earth dist.	-4412 Nov 09 j 12:38	16° $\frac{1}{2}$ 45'10	0.26595 AU
asc. node	-4414 May 28 j 21:37	26° $\frac{1}{2}$ 37'14		inferior conj	-4412 Nov 10 j 03:08	16° $\frac{1}{2}$ 22'45	0°-38'-32
	-4414 May 31 j 15:17	0° $\frac{1}{2}$		minimum elong	-4412 Nov 10 j 04:33	16° $\frac{1}{2}$ 20'32	0°38'08
max. Earth dist.	-4414 Jun 09 j 02:25	10° $\frac{1}{2}$ 28'27	1.72806 AU	asc. node	-4412 Nov 12 j 15:34	14° $\frac{1}{2}$ 50'11	
				morning rise	-4412 Nov 16 j 07:41	12° $\frac{1}{2}$ 44'13	
superior conj	-4414 Jun 13 j 08:36	15° $\frac{1}{2}$ 45'14	0°35'16	direct	-4412 Nov 30 j 10:03	8° $\frac{1}{2}$ 43'33	
minimum elong	-4414 Jun 13 j 02:08	15° $\frac{1}{2}$ 25'09	0°35'07	greatest brilliancy	-4412 Dec 11 j 12:31	11° $\frac{1}{2}$ 03'26	-4.6m
	-4414 Jun 24 j 19:44	0° $\frac{1}{2}$			-4411 Jan 07 j 22:52	0° $\frac{1}{2}$	
	-4414 Jul 18 j 20:47	0° $\frac{1}{2}$		morning max el	-4411 Jan 19 j 03:23	10° $\frac{1}{2}$ 31'16	46°19'11
evening rise	-4414 Jul 19 j 14:41	0° $\frac{1}{2}$ 55'55			-4411 Feb 07 j 01:26	0° $\frac{1}{2}$	
	-4414 Aug 11 j 20:20	0° $\frac{1}{2}$		desc. node	-4411 Mar 04 j 14:48	28° $\frac{1}{2}$ 10'13	
	-4414 Sep 04 j 20:33	0° $\frac{1}{2}$			-4411 Mar 06 j 05:38	0° $\frac{1}{2}$	
desc. node	-4414 Sep 17 j 17:51	16° $\frac{1}{2}$ 03'26			-4411 Apr 01 j 07:47	0° $\frac{1}{2}$	
	-4414 Sep 28 j 23:19	0° $\frac{1}{2}$			-4411 Apr 26 j 18:54	0° $\frac{1}{2}$	
	-4414 Oct 23 j 06:31	0° $\frac{1}{2}$			-4411 May 21 j 18:44	0° $\frac{1}{2}$	
	-4414 Nov 16 j 21:27	0° $\frac{1}{2}$			-4411 Jun 15 j 08:56	0° $\frac{1}{2}$	
	-4414 Dec 12 j 03:38	0° $\frac{1}{2}$		asc. node	-4411 Jun 25 j 09:49	12° $\frac{1}{2}$ 22'13	
	-4413 Jan 07 j 19:58	0° $\frac{1}{2}$			-4411 Jul 09 j 14:48	0° $\frac{1}{2}$	
asc. node	-4413 Jan 08 j 12:27	0° $\frac{1}{2}$ 44'13		morning set	-4411 Jul 15 j 07:46	7° $\frac{1}{2}$ 06'53	
evening max el	-4413 Jan 23 j 04:25	15° $\frac{1}{2}$ 49'25	45°37'19		-4411 Aug 02 j 14:15	0° $\frac{1}{2}$	
	-4413 Feb 07 j 18:30	0° $\frac{1}{2}$		max. Earth dist.	-4411 Aug 20 j 10:21	22° $\frac{1}{2}$ 27'15	1.71115 AU
greatest brilliancy	-4413 Feb 26 j 04:39	12° $\frac{1}{2}$ 24'34	-4.5m				
retrograde	-4413 Mar 13 j 01:21	16° $\frac{1}{2}$ 16'23		superior conj	-4411 Aug 22 j 07:02	24° $\frac{1}{2}$ 48'07	1°23'46
evening set	-4413 Mar 29 j 12:32	11° $\frac{1}{2}$ 04'07		minimum elong	-4411 Aug 22 j 08:22	24° $\frac{1}{2}$ 52'16	1°23'57
inferior conj	-4413 Apr 03 j 12:26	8° $\frac{1}{2}$ 00'38	5°35'07		-4411 Aug 26 j 09:59	0° $\frac{1}{2}$	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4411 Sep 19 j 04:54	0° $\mathring{\text{M}}$		morning max el	-4408 Mar 31 j 23:30	20° $\mathring{\text{C}}$ 29'59	45°50'46
evening rise	-4411 Oct 01 j 22:09	16° $\mathring{\text{M}}$ 00'38		desc. node	-4408 Apr 01 j 02:14	20° $\mathring{\text{C}}$ 36'30	
	-4411 Oct 13 j 01:23	0° $\mathring{\text{A}}$			-4408 Apr 10 j 15:46	0° \approx	
desc. node	-4411 Oct 15 j 06:26	2° $\mathring{\text{A}}$ 46'22			-4408 May 08 j 19:14	0° H	
	-4411 Nov 06 j 00:49	0° $\mathring{\text{M}}$			-4408 Jun 04 j 02:34	0° Y	
	-4411 Nov 30 j 04:12	0° $\mathring{\text{A}}$			-4408 Jun 29 j 09:49	0° B	
	-4411 Dec 24 j 13:20	0° $\mathring{\text{C}}$		asc. node	-4408 Jul 22 j 21:55	28° B 37'45	
	-4410 Jan 18 j 08:09	0° \approx			-4408 Jul 24 j 00:38	0° II	
asc. node	-4410 Feb 05 j 00:13	20° \approx 54'28			-4408 Aug 17 j 03:55	0° $\mathring{\text{C}}$	
	-4410 Feb 12 j 20:11	0° H			-4408 Sep 10 j 00:19	0° $\mathring{\text{O}}$	
	-4410 Mar 11 j 16:23	0° Y		morning set	-4408 Sep 26 j 15:02	20° $\mathring{\text{O}}$ 59'00	
evening max el	-4410 Apr 04 j 03:44	23° Y 54'31	45°07'36		-4408 Oct 03 j 18:17	0° $\mathring{\text{M}}$	
	-4410 Apr 10 j 18:15	0° B			-4408 Oct 27 j 13:12	0° $\mathring{\text{A}}$	
greatest brilliancy	-4410 May 09 j 15:49	20° B 09'35	-4.5m				
retrograde	-4410 May 22 j 09:11	22° B 58'06		superior conj	-4408 Nov 07 j 06:49	13° $\mathring{\text{A}}$ 29'43	0°10'29
desc. node	-4410 May 27 j 22:43	22° B 22'17		minimum elong	-4408 Nov 07 j 09:41	13° $\mathring{\text{A}}$ 38'43	0°10'18
evening set	-4410 Jun 06 j 07:21	18° B 46'42		behind sun begin	-4408 Nov 06 j 12:17	12° $\mathring{\text{A}}$ 31'32	
inferior conj	-4410 Jun 12 j 15:15	15° B 05'18	-3°-35'-51	behind sun end	-4408 Nov 08 j 07:05	14° $\mathring{\text{A}}$ 45'53	
minimum elong	-4410 Jun 12 j 07:46	15° B 16'45	3°33'41	desc. node	-4408 Nov 11 j 18:51	19° $\mathring{\text{A}}$ 08'38	
min. Earth dist.	-4410 Jun 13 j 01:50	14° B 49'08	0.28188 AU	max. Earth dist.	-4408 Nov 12 j 04:21	19° $\mathring{\text{A}}$ 38'25	1.71261 AU
morning rise	-4410 Jun 18 j 07:31	11° B 43'26			-4408 Nov 20 j 10:50	0° $\mathring{\text{M}}$	
direct	-4410 Jul 04 j 03:25	6° B 59'32			-4408 Dec 14 j 11:45	0° $\mathring{\text{A}}$	
greatest brilliancy	-4410 Jul 18 j 16:45	10° B 42'52	-4.6m	evening rise	-4408 Dec 19 j 11:13	6° $\mathring{\text{A}}$ 11'21	
	-4410 Aug 13 j 23:04	0° II			-4407 Jan 07 j 16:12	0° $\mathring{\text{C}}$	
morning max el	-4410 Aug 23 j 05:40	8° II 56'04	46°36'49		-4407 Feb 01 j 01:06	0° \approx	
	-4410 Sep 12 j 01:18	0° $\mathring{\text{C}}$			-4407 Feb 25 j 16:21	0° H	
asc. node	-4410 Sep 17 j 19:12	6° $\mathring{\text{C}}$ 28'03		asc. node	-4407 Mar 04 j 12:35	8° H 15'35	
	-4410 Oct 07 j 23:33	0° $\mathring{\text{O}}$			-4407 Mar 22 j 16:48	0° Y	
	-4410 Nov 01 j 19:00	0° $\mathring{\text{M}}$			-4407 Apr 17 j 06:38	0° B	
	-4410 Nov 26 j 05:02	0° $\mathring{\text{A}}$			-4407 May 13 j 18:11	0° II	
	-4410 Dec 20 j 13:35	0° $\mathring{\text{M}}$			-4407 Jun 11 j 03:50	0° $\mathring{\text{C}}$	
desc. node	-4409 Jan 07 j 17:19	22° $\mathring{\text{M}}$ 19'16		evening max el	-4407 Jun 15 j 09:59	4° $\mathring{\text{C}}$ 10'02	46°08'52
	-4409 Jan 13 j 23:25	0° $\mathring{\text{A}}$		desc. node	-4407 Jun 24 j 10:07	12° $\mathring{\text{C}}$ 33'34	
	-4409 Feb 07 j 10:37	0° $\mathring{\text{C}}$			-4407 Jul 17 j 21:06	0° $\mathring{\text{O}}$	
morning set	-4409 Feb 27 j 21:17	25° $\mathring{\text{C}}$ 02'54		greatest brilliancy	-4407 Jul 24 j 17:51	3° $\mathring{\text{O}}$ 06'56	-4.6m
	-4409 Mar 03 j 22:18	0° \approx		retrograde	-4407 Aug 04 j 01:26	5° $\mathring{\text{O}}$ 03'42	
	-4409 Mar 28 j 09:41	0° H			-4407 Aug 20 j 09:50	30° R $\mathring{\text{C}}$	
max. Earth dist.	-4409 Apr 04 j 06:22	8° H 25'00	1.73741 AU	evening set	-4407 Aug 22 j 00:49	29° $\mathring{\text{C}}$ 04'01	
				inferior conj	-4407 Aug 24 j 20:11	27° $\mathring{\text{C}}$ 23'28	-8°-55'-32
superior conj	-4409 Apr 05 j 11:34	9° H 54'33	0°-53'-46	minimum elong	-4407 Aug 24 j 22:45	27° $\mathring{\text{C}}$ 19'36	8°55'15
minimum elong	-4409 Apr 05 j 19:53	10° H 20'04	0°53'33	min. Earth dist.	-4407 Aug 25 j 05:16	27° $\mathring{\text{C}}$ 09'45	0.26936 AU
	-4409 Apr 21 j 20:15	0° Y		morning rise	-4407 Aug 27 j 20:33	25° $\mathring{\text{C}}$ 35'17	
asc. node	-4409 Apr 30 j 11:19	10° Y 36'16		direct	-4407 Sep 14 j 10:14	19° $\mathring{\text{C}}$ 41'33	
evening rise	-4409 May 11 j 07:08	23° Y 55'08		greatest brilliancy	-4407 Sep 27 j 15:55	22° $\mathring{\text{C}}$ 55'47	-4.7m
	-4409 May 16 j 05:42	0° B			-4407 Oct 09 j 08:33	0° $\mathring{\text{O}}$	
	-4409 Jun 09 j 14:10	0° II		asc. node	-4407 Oct 15 j 06:30	4° $\mathring{\text{O}}$ 36'34	
	-4409 Jul 03 j 22:26	0° $\mathring{\text{C}}$		morning max el	-4407 Nov 04 j 06:09	23° $\mathring{\text{O}}$ 20'04	46°50'43
	-4409 Jul 28 j 08:14	0° $\mathring{\text{O}}$			-4407 Nov 10 j 15:23	0° $\mathring{\text{M}}$	
desc. node	-4409 Aug 20 j 07:38	28° $\mathring{\text{O}}$ 03'08			-4407 Dec 07 j 13:48	0° $\mathring{\text{A}}$	
	-4409 Aug 21 j 22:07	0° $\mathring{\text{M}}$			-4406 Jan 02 j 05:44	0° $\mathring{\text{M}}$	
	-4409 Sep 15 j 19:52	0° $\mathring{\text{A}}$			-4406 Jan 27 j 11:22	0° $\mathring{\text{A}}$	
	-4409 Oct 11 j 09:15	0° $\mathring{\text{M}}$		desc. node	-4406 Feb 04 j 05:13	9° $\mathring{\text{A}}$ 15'15	
	-4409 Nov 07 j 12:53	0° $\mathring{\text{A}}$			-4406 Feb 21 j 12:25	0° $\mathring{\text{C}}$	
evening max el	-4409 Nov 11 j 00:45	3° $\mathring{\text{A}}$ 36'45	47°07'03		-4406 Mar 18 j 09:57	0° \approx	
asc. node	-4409 Dec 11 j 03:03	29° $\mathring{\text{A}}$ 49'15			-4406 Apr 12 j 03:43	0° H	
	-4409 Dec 11 j 09:42	0° $\mathring{\text{C}}$		morning set	-4406 May 06 j 05:36	29° H 24'21	
greatest brilliancy	-4409 Dec 17 j 10:32	3° $\mathring{\text{C}}$ 27'51	-4.6m		-4406 May 06 j 17:13	0° Y	
retrograde	-4409 Dec 31 j 21:16	7° $\mathring{\text{C}}$ 19'00		asc. node	-4406 May 27 j 23:42	26° Y 10'08	
evening set	-4408 Jan 17 j 20:56	1° $\mathring{\text{C}}$ 36'46			-4406 May 31 j 02:09	0° B	
	-4408 Jan 20 j 10:52	30° R $\mathring{\text{A}}$		max. Earth dist.	-4406 Jun 06 j 23:31	8° B 31'24	1.72864 AU
min. Earth dist.	-4408 Jan 21 j 07:19	29° $\mathring{\text{A}}$ 27'18	0.28602 AU				
inferior conj	-4408 Jan 22 j 02:24	28° $\mathring{\text{A}}$ 56'39	7°48'01	superior conj	-4406 Jun 11 j 03:02	13° B 39'43	0°32'25
minimum elong	-4408 Jan 21 j 20:16	29° $\mathring{\text{A}}$ 06'30	7°47'11	minimum elong	-4406 Jun 10 j 21:00	13° B 21'01	0°32'17
morning rise	-4408 Jan 25 j 19:58	26° $\mathring{\text{A}}$ 35'20			-4406 Jun 24 j 06:42	0° II	
direct	-4408 Feb 12 j 06:24	20° $\mathring{\text{A}}$ 43'48		evening rise	-4406 Jul 17 j 07:14	28° II 42'52	
greatest brilliancy	-4408 Feb 23 j 08:09	22° $\mathring{\text{A}}$ 56'35	-4.5m		-4406 Jul 18 j 07:56	0° $\mathring{\text{C}}$	
	-4408 Mar 07 j 09:18	0° $\mathring{\text{C}}$			-4406 Aug 11 j 07:43	0° $\mathring{\text{O}}$	

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

	-4406 Sep 04 j 08:11	0° \mathbb{M}					-4403 Mar 05 j 20:11	0° \mathcal{C}			
desc. node	-4406 Sep 16 j 20:04	15° \mathbb{M} 33'40					-4403 Mar 31 j 20:43	0° \approx			
	-4406 Sep 28 j 11:15	0° $\underline{\mathcal{A}}$					-4403 Apr 26 j 06:56	0° \mathbb{H}			
	-4406 Oct 22 j 18:53	0° \mathbb{M}					-4403 May 21 j 06:16	0° \mathbb{Y}			
	-4406 Nov 16 j 10:31	0° \mathcal{A}					-4403 Jun 14 j 20:12	0° \mathcal{B}			
	-4406 Dec 11 j 18:05	0° \mathcal{C}				asc. node	-4403 Jun 24 j 11:57	11° \mathcal{B} 54'13			
asc. node	-4405 Jan 07 j 14:31	0° \approx 02'00					-4403 Jul 09 j 01:58	0° \mathbb{I}			
	-4405 Jan 07 j 13:46	0° \approx				morning set	-4403 Jul 13 j 00:06	4° \mathbb{I} 53'22			
evening max el	-4405 Jan 20 j 21:04	13° \approx 39'20	45°39'56				-4403 Aug 02 j 01:25	0° \mathcal{C}			
	-4405 Feb 08 j 02:54	0° \mathbb{H}				max. Earth dist.	-4403 Aug 17 j 15:55	19° \mathcal{C} 38'21	1.71161 AU		
greatest brilliancy	-4405 Feb 23 j 21:09	10° \mathbb{H} 17'13	-4.5m								
retrograde	-4405 Mar 10 j 18:51	14° \mathbb{H} 09'54				superior conj	-4403 Aug 19 j 20:52	22° \mathcal{C} 25'07	1°23'54		
evening set	-4405 Mar 27 j 08:04	8° \mathbb{H} 53'45				minimum elong	-4403 Aug 19 j 21:17	22° \mathcal{C} 26'27	1°24'06		
inferior conj	-4405 Apr 01 j 05:31	5° \mathbb{H} 53'23	5°48'33				-4403 Aug 25 j 21:12	0° \mathcal{Q}			
minimum elong	-4405 Apr 01 j 14:28	5° \mathbb{H} 39'16	5°46'41				-4403 Sep 18 j 16:16	0° \mathbb{M}			
min. Earth dist.	-4405 Apr 01 j 20:25	5° \mathbb{H} 29'53	0.29324 AU			evening rise	-4403 Sep 29 j 07:23	13° \mathbb{M} 22'46			
morning rise	-4405 Apr 06 j 20:44	2° \mathbb{H} 26'53					-4403 Oct 12 j 12:53	0° $\underline{\mathcal{A}}$			
	-4405 Apr 11 j 15:52	30° \mathbb{R} \approx				desc. node	-4403 Oct 14 j 08:31	2° $\underline{\mathcal{A}}$ 16'47			
direct	-4405 Apr 23 j 01:29	27° \approx 26'19					-4403 Nov 05 j 12:29	0° \mathbb{M}			
desc. node	-4405 Apr 29 j 13:24	28° \approx 13'24					-4403 Nov 29 j 16:01	0° \mathcal{A}			
	-4405 May 05 j 01:58	0° \mathbb{H}					-4403 Dec 24 j 01:26	0° \mathcal{C}			
greatest brilliancy	-4405 May 06 j 22:38	0° \mathbb{H} 47'44	-4.5m				-4402 Jan 17 j 20:51	0° \approx			
morning max el	-4405 Jun 11 j 05:02	27° \mathbb{H} 35'43	45°59'52			asc. node	-4402 Feb 04 j 02:29	20° \approx 21'45			
	-4405 Jun 13 j 16:29	0° \mathbb{Y}					-4402 Feb 12 j 10:08	0° \mathbb{H}			
	-4405 Jul 12 j 02:06	0° \mathcal{B}					-4402 Mar 11 j 09:21	0° \mathbb{Y}			
	-4405 Aug 07 j 02:03	0° \mathbb{I}				evening max el	-4402 Apr 01 j 18:14	21° \mathbb{Y} 40'06	45°07'01		
asc. node	-4405 Aug 20 j 09:49	15° \mathbb{I} 57'53					-4402 Apr 10 j 21:36	0° \mathcal{B}			
	-4405 Aug 31 j 22:09	0° \mathcal{C}				greatest brilliancy	-4402 May 07 j 04:43	17° \mathcal{B} 54'12	-4.5m		
	-4405 Sep 25 j 03:16	0° \mathcal{Q}				retrograde	-4402 May 19 j 23:26	20° \mathcal{B} 44'51			
	-4405 Oct 19 j 01:43	0° \mathbb{M}				desc. node	-4402 May 27 j 00:49	19° \mathcal{B} 47'07			
	-4405 Nov 11 j 23:12	0° $\underline{\mathcal{A}}$				evening set	-4402 Jun 03 j 21:13	16° \mathcal{B} 34'21			
	-4405 Dec 05 j 22:52	0° \mathbb{M}				inferior conj	-4402 Jun 10 j 06:21	12° \mathcal{B} 51'31	-3°-16'-28		
desc. node	-4405 Dec 10 j 07:10	5° \mathbb{M} 25'03				minimum elong	-4402 Jun 09 j 23:26	13° \mathcal{B} 02'06	3°14'27		
morning set	-4405 Dec 14 j 00:45	10° \mathbb{M} 03'56				min. Earth dist.	-4402 Jun 10 j 17:52	12° \mathcal{B} 33'54	0.28230 AU		
	-4405 Dec 30 j 01:38	0° \mathcal{A}				morning rise	-4402 Jun 16 j 00:51	9° \mathcal{B} 26'10			
	-4404 Jan 23 j 07:11	0° \mathcal{C}				direct	-4402 Jul 01 j 18:24	4° \mathcal{B} 44'39			
						greatest brilliancy	-4402 Jul 16 j 09:12	8° \mathcal{B} 28'42	-4.6m		
superior conj	-4404 Jan 23 j 20:34	0° \mathcal{C} 41'20	-1°-18'-50				-4402 Aug 14 j 01:20	0° \mathbb{I}			
minimum elong	-4404 Jan 23 j 14:10	0° \mathcal{C} 21'35	1°18'59			morning max el	-4402 Aug 20 j 19:25	6° \mathbb{I} 34'04	46°35'44		
max. Earth dist.	-4404 Jan 26 j 17:59	4° \mathcal{C} 15'45	1.72908 AU				-4402 Sep 11 j 18:32	0° \mathcal{C}			
	-4404 Feb 16 j 15:03	0° \approx				asc. node	-4402 Sep 16 j 21:27	5° \mathcal{C} 47'37			
evening rise	-4404 Mar 01 j 23:54	17° \approx 40'00					-4402 Oct 07 j 14:01	0° \mathcal{Q}			
	-4404 Mar 12 j 01:14	0° \mathbb{H}					-4402 Nov 01 j 08:13	0° \mathbb{M}			
asc. node	-4404 Apr 01 j 00:59	24° \mathbb{H} 26'59					-4402 Nov 25 j 17:35	0° $\underline{\mathcal{A}}$			
	-4404 Apr 05 j 14:11	0° \mathbb{Y}					-4402 Dec 20 j 01:39	0° \mathbb{M}			
	-4404 Apr 30 j 06:33	0° \mathcal{B}				desc. node	-4401 Jan 06 j 19:25	21° \mathbb{M} 49'36			
	-4404 May 25 j 03:21	0° \mathbb{I}					-4401 Jan 13 j 11:07	0° \mathcal{A}			
	-4404 Jun 19 j 06:52	0° \mathcal{C}					-4401 Feb 06 j 22:00	0° \mathcal{C}			
	-4404 Jul 14 j 22:23	0° \mathcal{Q}				morning set	-4401 Feb 25 j 13:40	22° \mathcal{C} 51'43			
desc. node	-4404 Jul 21 j 21:41	7° \mathcal{Q} 59'36					-4401 Mar 03 j 09:27	0° \approx			
	-4404 Aug 10 j 14:49	0° \mathbb{M}					-4401 Mar 27 j 20:43	0° \mathbb{H}			
evening max el	-4404 Aug 28 j 06:38	18° \mathbb{M} 32'33	47°30'04			max. Earth dist.	-4401 Apr 02 j 02:29	6° \mathbb{H} 25'42	1.73741 AU		
	-4404 Sep 09 j 05:20	0° $\underline{\mathcal{A}}$									
greatest brilliancy	-4404 Oct 06 j 05:51	19° $\underline{\mathcal{A}}$ 08'40	-4.7m			superior conj	-4401 Apr 03 j 06:11	7° \mathbb{H} 50'40	0°-56'-3		
retrograde	-4404 Oct 18 j 02:09	21° $\underline{\mathcal{A}}$ 46'34				minimum elong	-4401 Apr 03 j 14:37	8° \mathbb{H} 16'33	0°55'52		
evening set	-4404 Nov 01 j 16:15	17° $\underline{\mathcal{A}}$ 28'09					-4401 Apr 21 j 07:17	0° \mathbb{Y}			
min. Earth dist.	-4404 Nov 07 j 02:34	14° $\underline{\mathcal{A}}$ 14'27	0.26554 AU			asc. node	-4401 Apr 29 j 13:22	10° \mathbb{Y} 08'36			
inferior conj	-4404 Nov 07 j 15:51	13° $\underline{\mathcal{A}}$ 53'53	-1°-2'-27			evening rise	-4401 May 09 j 02:41	21° \mathbb{Y} 53'27			
minimum elong	-4404 Nov 07 j 18:10	13° $\underline{\mathcal{A}}$ 50'18	1°01'46				-4401 May 15 j 16:51	0° \mathcal{B}			
asc. node	-4404 Nov 11 j 17:41	11° $\underline{\mathcal{A}}$ 26'02					-4401 Jun 09 j 01:32	0° \mathbb{I}			
morning rise	-4404 Nov 13 j 20:49	10° $\underline{\mathcal{A}}$ 14'56					-4401 Jul 03 j 10:09	0° \mathcal{C}			
direct	-4404 Nov 27 j 22:50	6° $\underline{\mathcal{A}}$ 15'45					-4401 Jul 27 j 20:27	0° \mathcal{Q}			
greatest brilliancy	-4404 Dec 09 j 01:29	8° $\underline{\mathcal{A}}$ 35'53	-4.6m			desc. node	-4401 Aug 19 j 09:53	27° \mathcal{Q} 30'55			
	-4403 Jan 08 j 03:46	0° \mathbb{M}					-4401 Aug 21 j 11:02	0° \mathbb{M}			
morning max el	-4403 Jan 16 j 16:42	8° \mathbb{M} 08'19	46°20'29				-4401 Sep 15 j 09:53	0° $\underline{\mathcal{A}}$			
	-4403 Feb 06 j 19:24	0° \mathcal{A}					-4401 Oct 11 j 01:17	0° \mathbb{M}			
desc. node	-4403 Mar 03 j 17:04	27° \mathcal{A} 35'03					-4401 Nov 07 j 10:02	0° \mathcal{A}			

Attention, astronomical year style is used: The year -4900 in astronomical counting style is the year 4901 BCE in historical counting style.

evening max el	-4401 Nov 08 j 15:17	1° ♊ 15'08	47°09'33
asc. node	-4401 Dec 10 j 05:09	28° ♊ 26'37	
	-4401 Dec 12 j 20:34	0° ♊	
greatest brilliancy	-4401 Dec 15 j 03:46	1° ♊ 12'57	-4.6m
retrograde	-4401 Dec 29 j 13:39	5° ♊ 03'54	
	-4400 Jan 14 j 11:25	30° ♊	
evening set	-4400 Jan 15 j 10:27	29° ♊ 25'44	
min. Earth dist.	-4400 Jan 18 j 22:41	27° ♊ 13'48	0.28538 AU
inferior conj	-4400 Jan 19 j 18:32	26° ♊ 41'59	7°41'03
minimum elong	-4400 Jan 19 j 11:51	26° ♊ 52'42	7°40'05
morning rise	-4400 Jan 23 j 13:37	24° ♊ 18'31	
direct	-4400 Feb 09 j 21:01	18° ♊ 30'00	
greatest brilliancy	-4400 Feb 20 j 23:00	20° ♊ 42'52	-4.5m
	-4400 Mar 08 j 04:25	0° ♊	
morning max el	-4400 Mar 29 j 14:59	18° ♊ 17'58	45°51'18
desc. node	-4400 Mar 31 j 04:20	19° ♊ 47'17	
	-4400 Apr 10 j 11:14	0° ♋	
	-4400 May 08 j 10:10	0° ♋	
	-4400 Jun 03 j 15:39	0° ♋	
	-4400 Jun 28 j 22:00	0° ♋	
asc. node	-4400 Jul 22 j 00:06	28° ♋ 08'23	
	-4400 Jul 23 j 12:20	0° ♋	
	-4400 Aug 16 j 15:23	0° ♋	
	-4400 Sep 09 j 11:41	0° ♋	
morning set	-4400 Sep 24 j 02:26	18° ♋ 27'33	
	-4400 Oct 03 j 05:36	0° ♋	
	-4400 Oct 27 j 00:29	0° ♋	
superior conj	-4400 Nov 04 j 15:47	10° ♋ 51'44	0°14'26
minimum elong	-4400 Nov 04 j 19:43	11° ♋ 04'05	0°14'13
behind sun begin	-4400 Nov 04 j 06:02	10° ♋ 21'09	
behind sun end	-4400 Nov 05 j 09:23	11° ♋ 47'02	
max. Earth dist.	-4400 Nov 09 j 09:41	16° ♋ 49'17	1.71218 AU
desc. node	-4400 Nov 10 j 20:53	18° ♋ 39'42	
	-4400 Nov 19 j 22:06	0° ♌	
	-4400 Dec 13 j 23:00	0° ♌	
evening rise	-4400 Dec 16 j 22:26	3° ♌ 42'07	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 1

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4400 Nov 04 j 15:47	10° Ω 51'44	0°14'26	evening set	-4397 Mar 25 j 03:31	6° Υ 43'22	
minimum elong	-4400 Nov 04 j 19:43	11° Ω 04'05	0°14'13	inferior conj	-4397 Mar 29 j 22:31	3° Υ 46'02	6°01'29
behind sun begin	-4400 Nov 04 j 06:02	10° Ω 21'09		minimum elong	-4397 Mar 30 j 07:26	3° Υ 31'55	5°59'41
behind sun end	-4400 Nov 05 j 09:23	11° Ω 47'02		min. Earth dist.	-4397 Mar 30 j 12:31	3° Υ 23'54	0.29341 AU
max. Earth dist.	-4400 Nov 09 j 09:41	16° Ω 49'17	1.71218 AU	morning rise	-4397 Apr 04 j 11:17	0° Υ 22'42	
desc. node	-4400 Nov 10 j 20:53	18° Ω 39'42			-4397 Apr 05 j 03:19	30° \Re	
	-4400 Nov 19 j 22:06	0° \mathbb{M}		direct	-4397 Apr 20 j 18:53	25° \approx 18'58	
	-4400 Dec 13 j 23:00	0° Υ		desc. node	-4397 Apr 28 j 15:29	26° \approx 27'08	
evening rise	-4400 Dec 16 j 22:26	3° Υ 42'07		greatest brilliancy	-4397 May 04 j 12:12	28° \approx 36'25	-4.5m
	-4399 Jan 07 j 03:30	0° Ξ			-4397 May 07 j 09:10	0° Υ	
	-4399 Jan 31 j 12:33	0° \approx		morning max el	-4397 Jun 08 j 21:27	25° Υ 26'24	45°58'51
	-4399 Feb 25 j 04:07	0° Υ			-4397 Jun 13 j 13:24	0° Υ	
asc. node	-4399 Mar 03 j 14:42	7° Υ 46'11			-4397 Jul 11 j 17:27	0° Υ	
	-4399 Mar 22 j 05:12	0° Υ			-4397 Aug 06 j 15:23	0° \mathbb{I}	
	-4399 Apr 16 j 20:15	0° Υ		asc. node	-4397 Aug 19 j 12:02	15° \mathbb{I} 25'59	
	-4399 May 13 j 10:19	0° \mathbb{I}			-4397 Aug 31 j 10:32	0° Ξ	
	-4399 Jun 11 j 02:32	0° Ξ			-4397 Sep 24 j 15:10	0° Ω	
evening max el	-4399 Jun 12 j 23:45	1° Ξ 49'43	46°05'47		-4397 Oct 18 j 13:19	0° \mathbb{M}	
desc. node	-4399 Jun 23 j 12:15	11° Ξ 32'49			-4397 Nov 11 j 10:36	0° Ω	
	-4399 Jul 20 j 12:00	0° Ω			-4397 Dec 05 j 10:06	0° \mathbb{M}	
greatest brilliancy	-4399 Jul 22 j 03:36	0° Ω 38'11	-4.6m	desc. node	-4397 Dec 09 j 09:17	4° \mathbb{M} 56'42	
retrograde	-4399 Aug 01 j 14:03	2° Ω 37'01		morning set	-4397 Dec 11 j 11:14	7° \mathbb{M} 32'18	
	-4399 Aug 13 j 02:16	30° \Re			-4397 Dec 29 j 12:44	0° Υ	
evening set	-4399 Aug 19 j 13:02	26° Ξ 37'05					
inferior conj	-4399 Aug 22 j 08:32	24° Ξ 56'22	-8°-57'-13	superior conj	-4396 Jan 21 j 10:28	28° Υ 22'07	-1°-17'-39
minimum elong	-4399 Aug 22 j 10:09	24° Ξ 53'56	8°57'01	minimum elong	-4396 Jan 21 j 03:23	28° Υ 00'13	1°17'45
min. Earth dist.	-4399 Aug 22 j 17:08	24° Ξ 43'24	0.26978 AU		-4396 Jan 22 j 18:08	0° Ξ	
morning rise	-4399 Aug 25 j 07:09	23° Ξ 10'53		max. Earth dist.	-4396 Jan 24 j 13:34	2° Ξ 14'11	1.72854 AU
direct	-4399 Sep 11 j 23:54	17° Ξ 13'51			-4396 Feb 16 j 01:55	0° \approx	
greatest brilliancy	-4399 Sep 25 j 06:08	20° Ξ 29'21	-4.7m	evening rise	-4396 Feb 28 j 16:49	15° \approx 31'07	
	-4399 Oct 10 j 03:54	0° Ω			-4396 Mar 11 j 12:08	0° Υ	
asc. node	-4399 Oct 14 j 08:32	3° Ω 25'22		asc. node	-4396 Mar 31 j 03:00	23° Υ 59'23	
morning max el	-4399 Nov 01 j 20:45	20° Ω 55'54	46°51'10		-4396 Apr 05 j 01:18	0° Υ	
	-4399 Nov 10 j 11:53	0° \mathbb{M}			-4396 Apr 29 j 18:04	0° Υ	
	-4399 Dec 07 j 05:35	0° Ω			-4396 May 24 j 15:31	0° \mathbb{I}	
	-4398 Jan 01 j 19:28	0° \mathbb{M}			-4396 Jun 18 j 20:05	0° Ξ	
	-4398 Jan 26 j 23:59	0° Υ			-4396 Jul 14 j 13:22	0° Ω	
desc. node	-4398 Feb 03 j 07:27	8° Υ 44'56		desc. node	-4396 Jul 20 j 23:55	7° Ω 21'20	
	-4398 Feb 21 j 00:20	0° Ξ			-4396 Aug 10 j 09:29	0° \mathbb{M}	
	-4398 Mar 17 j 21:25	0° \approx		evening max el	-4396 Aug 25 j 20:39	16° \mathbb{M} 08'34	47°28'27
	-4398 Apr 11 j 14:52	0° Υ			-4396 Sep 09 j 12:19	0° Ω	
morning set	-4398 May 04 j 00:40	27° Υ 22'07		greatest brilliancy	-4396 Oct 03 j 22:16	16° Ω 43'33	-4.7m
	-4398 May 06 j 04:11	0° Υ		retrograde	-4396 Oct 15 j 14:44	19° Ω 17'07	
asc. node	-4398 May 27 j 01:47	25° Υ 42'58		evening set	-4396 Oct 30 j 06:29	14° Ω 57'50	
	-4398 May 30 j 13:03	0° Υ		min. Earth dist.	-4396 Nov 04 j 16:48	11° Ω 44'02	0.26520 AU
max. Earth dist.	-4398 Jun 04 j 19:05	6° Υ 29'37	1.72915 AU	inferior conj	-4396 Nov 05 j 04:35	11° Ω 25'47	-1°-26'-16
				minimum elong	-4396 Nov 05 j 07:46	11° Ω 20'52	1°25'18
superior conj	-4398 Jun 08 j 21:21	11° Υ 33'54	0°29'30	asc. node	-4396 Nov 10 j 19:53	8° Ω 05'05	
minimum elong	-4398 Jun 08 j 15:49	11° Υ 16'43	0°29'24	morning rise	-4396 Nov 11 j 09:40	7° Ω 46'31	
	-4398 Jun 23 j 17:39	0° \mathbb{I}		direct	-4396 Nov 25 j 11:05	3° Ω 48'28	
evening rise	-4398 Jul 14 j 23:51	26° \mathbb{I} 30'09		greatest brilliancy	-4396 Dec 06 j 15:27	6° Ω 09'52	-4.6m
	-4398 Jul 17 j 19:03	0° Ξ			-4395 Jan 08 j 06:41	0° \mathbb{M}	
	-4398 Aug 10 j 19:04	0° Ω		morning max el	-4395 Jan 14 j 05:26	5° \mathbb{M} 44'16	46°21'51
	-4398 Sep 03 j 19:48	0° \mathbb{M}			-4395 Feb 06 j 12:42	0° Υ	
desc. node	-4398 Sep 15 j 22:06	15° \mathbb{M} 03'19		desc. node	-4395 Mar 02 j 19:05	27° Υ 00'13	
	-4398 Sep 27 j 23:12	0° Ω			-4395 Mar 05 j 10:18	0° Ξ	
	-4398 Oct 22 j 07:17	0° \mathbb{M}			-4395 Mar 31 j 09:17	0° \approx	
	-4398 Nov 15 j 23:38	0° Υ			-4395 Apr 25 j 18:39	0° Υ	
	-4398 Dec 11 j 08:36	0° Ξ			-4395 May 20 j 17:31	0° Υ	
asc. node	-4397 Jan 06 j 16:46	29° Ξ 20'04			-4395 Jun 14 j 07:13	0° Υ	
	-4397 Jan 07 j 07:52	0° \approx		asc. node	-4395 Jun 23 j 14:09	11° Υ 27'08	
evening max el	-4397 Jan 18 j 13:35	11° \approx 29'00	45°42'27		-4395 Jul 08 j 12:54	0° \mathbb{I}	
	-4397 Feb 08 j 14:15	0° Υ		morning set	-4395 Jul 10 j 16:14	2° \mathbb{I} 39'56	
greatest brilliancy	-4397 Feb 21 j 14:25	8° Υ 10'50	-4.5m		-4395 Aug 01 j 12:21	0° Ξ	
retrograde	-4397 Mar 08 j 11:54	12° Υ 03'10		max. Earth dist.	-4395 Aug 14 j 23:16	16° Ξ 55'46	1.71207 AU

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4395 Aug 17 j 10:33	20° ♄ 02'30	1°23'53	direct	-4392 Feb 07 j 11:56	16° ♊ 16'29	
minimum elong	-4395 Aug 17 j 10:06	20° ♄ 01'04	1°24'05	greatest brilliancy	-4392 Feb 18 j 13:18	18° ♊ 29'11	-4.5m
	-4395 Aug 25 j 08:11	0° ♊			-4392 Mar 08 j 18:19	0° ♈	
	-4395 Sep 18 j 03:20	0° ♎		morning max el	-4392 Mar 27 j 07:11	16° ♈ 08'34	45°51'51
evening rise	-4395 Sep 26 j 16:37	10° ♎ 45'51		desc. node	-4392 Mar 30 j 06:23	18° ♈ 59'44	
	-4395 Oct 12 j 00:06	0° ♏			-4392 Apr 10 j 05:49	0° ♏	
desc. node	-4395 Oct 13 j 10:31	1° ♏ 47'56			-4392 May 08 j 00:35	0° ♏	
	-4395 Nov 04 j 23:50	0° ♍			-4392 Jun 03 j 04:20	0° ♏	
	-4395 Nov 29 j 03:33	0° ♊			-4392 Jun 28 j 09:49	0° ♏	
	-4395 Dec 23 j 13:16	0° ♈		asc. node	-4392 Jul 21 j 02:16	27° ♏ 40'00	
	-4394 Jan 17 j 09:17	0° ♏			-4392 Jul 22 j 23:42	0° ♏	
asc. node	-4394 Feb 03 j 04:38	19° ♏ 49'31			-4392 Aug 16 j 02:32	0° ♏	
	-4394 Feb 11 j 23:53	0° ♏			-4392 Sep 08 j 22:47	0° ♏	
	-4394 Mar 11 j 02:16	0° ♏		morning set	-4392 Sep 21 j 13:41	15° ♏ 56'26	
evening max el	-4394 Mar 30 j 08:29	19° ♏ 26'17	45°06'37		-4392 Oct 02 j 16:43	0° ♎	
	-4394 Apr 11 j 02:13	0° ♏			-4392 Oct 26 j 11:35	0° ♏	
greatest brilliancy	-4394 May 04 j 16:21	15° ♏ 38'30	-4.5m				
retrograde	-4394 May 17 j 13:59	18° ♏ 32'50		superior conj	-4392 Nov 02 j 00:14	8° ♏ 12'38	0°18'24
desc. node	-4394 May 26 j 02:57	17° ♏ 08'02		minimum elong	-4392 Nov 02 j 05:13	8° ♏ 28'17	0°18'09
evening set	-4394 Jun 01 j 11:13	14° ♏ 22'38		max. Earth dist.	-4392 Nov 06 j 16:22	14° ♏ 04'50	1.71177 AU
inferior conj	-4394 Jun 07 j 21:23	10° ♏ 38'37	-2°-56'-54	desc. node	-4392 Nov 09 j 23:05	18° ♏ 11'49	
minimum elong	-4394 Jun 07 j 15:04	10° ♏ 48'15	2°55'01		-4392 Nov 19 j 09:10	0° ♍	
min. Earth dist.	-4394 Jun 08 j 09:36	10° ♏ 19'56	0.28278 AU		-4392 Dec 13 j 10:03	0° ♊	
morning rise	-4394 Jun 13 j 18:05	7° ♏ 10'12		evening rise	-4392 Dec 14 j 09:05	1° ♊ 11'39	
direct	-4394 Jun 29 j 09:34	2° ♏ 30'31			-4391 Jan 06 j 14:34	0° ♈	
greatest brilliancy	-4394 Jul 14 j 02:42	6° ♏ 16'52	-4.6m		-4391 Jan 30 j 23:46	0° ♏	
	-4394 Aug 14 j 02:01	0° ♏			-4391 Feb 24 j 15:40	0° ♏	
morning max el	-4394 Aug 18 j 10:03	4° ♏ 15'08	46°34'36	asc. node	-4391 Mar 02 j 16:44	7° ♏ 17'09	
	-4394 Sep 11 j 11:12	0° ♏			-4391 Mar 21 j 17:25	0° ♏	
asc. node	-4394 Sep 15 j 23:27	5° ♏ 07'32			-4391 Apr 16 j 09:44	0° ♏	
	-4394 Oct 07 j 04:06	0° ♏			-4391 May 13 j 02:27	0° ♏	
	-4394 Oct 31 j 21:04	0° ♎		evening max el	-4391 Jun 10 j 14:07	29° ♏ 31'52	46°02'45
	-4394 Nov 25 j 05:44	0° ♏			-4391 Jun 11 j 01:50	0° ♏	
	-4394 Dec 19 j 13:20	0° ♍		desc. node	-4391 Jun 22 j 14:28	10° ♏ 31'44	
desc. node	-4393 Jan 05 j 21:35	21° ♏ 21'12		greatest brilliancy	-4391 Jul 19 j 13:37	28° ♏ 11'10	-4.6m
	-4393 Jan 12 j 22:25	0° ♊			-4391 Jul 26 j 22:30	0° ♏	
	-4393 Feb 06 j 09:02	0° ♈		retrograde	-4391 Jul 30 j 02:31	0° ♏ 11'32	
morning set	-4393 Feb 23 j 05:48	20° ♈ 40'43			-4391 Aug 02 j 05:20	30° ♏	
	-4393 Mar 02 j 20:17	0° ♏		evening set	-4391 Aug 17 j 00:50	24° ♏ 12'25	
	-4393 Mar 27 j 07:26	0° ♏		inferior conj	-4391 Aug 19 j 20:59	22° ♏ 30'36	-8°-57'-55
max. Earth dist.	-4393 Mar 30 j 23:15	4° ♏ 29'23	1.73739 AU	minimum elong	-4391 Aug 19 j 21:38	22° ♏ 29'38	8°57'44
				min. Earth dist.	-4391 Aug 20 j 05:01	22° ♏ 18'29	0.27021 AU
superior conj	-4393 Apr 01 j 00:45	5° ♏ 47'37	0°-58'-17	morning rise	-4391 Aug 22 j 18:20	20° ♏ 46'57	
minimum elong	-4393 Apr 01 j 09:17	6° ♏ 13'45	0°58'07	direct	-4391 Sep 09 j 13:48	14° ♏ 47'40	
	-4393 Apr 20 j 17:58	0° ♏		greatest brilliancy	-4391 Sep 22 j 19:43	18° ♏ 03'05	-4.7m
asc. node	-4393 Apr 28 j 15:31	9° ♏ 42'18			-4391 Oct 10 j 18:01	0° ♏	
evening rise	-4393 May 06 j 22:16	19° ♏ 53'07		asc. node	-4391 Oct 13 j 10:47	2° ♏ 17'19	
	-4393 May 15 j 03:39	0° ♏		morning max el	-4391 Oct 30 j 10:37	18° ♏ 30'21	46°51'19
	-4393 Jun 08 j 12:35	0° ♏			-4391 Nov 10 j 07:35	0° ♎	
	-4393 Jul 02 j 21:35	0° ♏			-4391 Dec 06 j 21:02	0° ♏	
	-4393 Jul 27 j 08:27	0° ♏			-4390 Jan 01 j 09:01	0° ♍	
desc. node	-4393 Aug 18 j 11:53	26° ♏ 58'30			-4390 Jan 26 j 12:26	0° ♊	
	-4393 Aug 20 j 23:48	0° ♎		desc. node	-4390 Feb 02 j 09:30	8° ♊ 14'27	
	-4393 Sep 14 j 23:49	0° ♏			-4390 Feb 20 j 12:05	0° ♈	
	-4393 Oct 10 j 17:20	0° ♍			-4390 Mar 17 j 08:41	0° ♏	
evening max el	-4393 Nov 06 j 06:31	28° ♏ 56'00	47°12'12		-4390 Apr 11 j 01:50	0° ♏	
	-4393 Nov 07 j 07:37	0° ♊		morning set	-4390 May 01 j 19:43	25° ♏ 20'20	
asc. node	-4393 Dec 09 j 07:22	27° ♊ 02'14			-4390 May 05 j 14:59	0° ♏	
greatest brilliancy	-4393 Dec 12 j 20:12	28° ♊ 57'35	-4.6m	asc. node	-4390 May 26 j 04:00	25° ♏ 16'36	
	-4393 Dec 15 j 01:32	0° ♈			-4390 May 29 j 23:48	0° ♏	
retrograde	-4393 Dec 27 j 06:16	2° ♈ 49'11		max. Earth dist.	-4390 Jun 02 j 13:09	4° ♏ 23'45	1.72965 AU
	-4392 Jan 07 j 21:53	30° ♏					
evening set	-4392 Jan 12 j 23:43	27° ♏ 15'01		superior conj	-4390 Jun 06 j 15:52	9° ♏ 29'11	0°26'35
min. Earth dist.	-4392 Jan 16 j 13:36	25° ♏ 00'59	0.28470 AU	minimum elong	-4390 Jun 06 j 10:50	9° ♏ 13'34	0°26'28
inferior conj	-4392 Jan 17 j 10:29	24° ♏ 27'34	7°33'25		-4390 Jun 23 j 04:29	0° ♏	
minimum elong	-4392 Jan 17 j 03:19	24° ♏ 39'04	7°32'18	evening rise	-4390 Jul 12 j 16:48	24° ♏ 19'00	
morning rise	-4392 Jan 21 j 07:18	22° ♏ 01'49			-4390 Jul 17 j 06:02	0° ♏	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4390 Aug 10 j 06:16	0°♌		desc. node	-4387 Mar 01 j 21:11	26°♌25'26	
	-4390 Sep 03 j 07:17	0°♍			-4387 Mar 05 j 00:25	0°♎	
desc. node	-4390 Sep 15 j 00:11	14°♍33'34			-4387 Mar 30 j 21:57	0°♏	
	-4390 Sep 27 j 11:02	0°♎			-4387 Apr 25 j 06:30	0°♐	
	-4390 Oct 21 j 19:37	0°♏			-4387 May 20 j 04:54	0°♑	
	-4390 Nov 15 j 12:46	0°♐			-4387 Jun 13 j 18:22	0°♒	
	-4390 Dec 10 j 23:16	0°♑		asc. node	-4387 Jun 22 j 16:13	10°♒59'17	
asc. node	-4389 Jan 05 j 18:55	28°♑37'20			-4387 Jul 07 j 23:57	0°♓	
	-4389 Jan 07 j 02:26	0°♒		morning set	-4387 Jul 08 j 08:26	0°♓26'26	
evening max el	-4389 Jan 16 j 05:21	9°♒16'34	45°45'06		-4387 Jul 31 j 23:25	0°♈	
	-4389 Feb 09 j 05:33	0°♓		max. Earth dist.	-4387 Aug 12 j 09:33	14°♈22'01	1.71257 AU
greatest brilliancy	-4389 Feb 19 j 08:08	6°♓04'51	-4.5m				
retrograde	-4389 Mar 06 j 04:34	9°♓56'27		superior conj	-4387 Aug 15 j 00:25	17°♈39'56	1°23'43
evening set	-4389 Mar 22 j 22:59	4°♓33'03		minimum elong	-4387 Aug 14 j 23:07	17°♈35'51	1°23'55
inferior conj	-4389 Mar 27 j 15:34	1°♓38'52	6°13'56		-4387 Aug 24 j 19:21	0°♌	
minimum elong	-4389 Mar 28 j 00:23	1°♓24'52	6°12'14		-4387 Sep 17 j 14:37	0°♍	
min. Earth dist.	-4389 Mar 28 j 04:52	1°♓17'46	0.29352 AU	evening rise	-4387 Sep 24 j 02:12	8°♍09'32	
	-4389 Mar 30 j 06:21	30°♒			-4387 Oct 11 j 11:30	0°♎	
morning rise	-4389 Apr 02 j 01:45	28°♒18'44		desc. node	-4387 Oct 12 j 12:44	1°♎19'08	
direct	-4389 Apr 18 j 11:51	23°♒11'48			-4387 Nov 04 j 11:20	0°♏	
desc. node	-4389 Apr 27 j 17:42	24°♒44'49			-4387 Nov 28 j 15:13	0°♐	
greatest brilliancy	-4389 May 02 j 01:46	26°♒25'09	-4.5m		-4387 Dec 23 j 01:14	0°♑	
	-4389 May 08 j 20:49	0°♓			-4386 Jan 16 j 21:56	0°♒	
morning max el	-4389 Jun 06 j 12:57	23°♓15'01	45°57'51	asc. node	-4386 Feb 02 j 06:38	19°♒16'10	
	-4389 Jun 13 j 09:35	0°♑			-4386 Feb 11 j 13:57	0°♓	
	-4389 Jul 11 j 08:32	0°♒			-4386 Mar 10 j 19:48	0°♑	
	-4389 Aug 06 j 04:34	0°♓		evening max el	-4386 Mar 27 j 23:25	17°♑13'29	45°06'21
asc. node	-4389 Aug 18 j 14:01	14°♓53'40			-4386 Apr 11 j 09:16	0°♒	
	-4389 Aug 30 j 22:50	0°♈		greatest brilliancy	-4386 May 02 j 03:52	13°♒22'16	-4.5m
	-4389 Sep 24 j 02:58	0°♌		retrograde	-4386 May 15 j 05:17	16°♒20'34	
	-4389 Oct 18 j 00:50	0°♍		desc. node	-4386 May 25 j 05:07	14°♒24'09	
	-4389 Nov 10 j 21:56	0°♎		evening set	-4386 May 30 j 01:35	12°♒10'27	
	-4389 Dec 04 j 21:19	0°♏		inferior conj	-4386 Jun 05 j 12:32	8°♒25'21	-2°-37'-10
desc. node	-4389 Dec 08 j 11:26	4°♏28'35		minimum elong	-4386 Jun 05 j 06:52	8°♒33'59	2°35'27
morning set	-4389 Dec 08 j 21:39	5°♏00'25		min. Earth dist.	-4386 Jun 06 j 01:08	8°♒06'06	0.28325 AU
	-4389 Dec 28 j 23:50	0°♐		morning rise	-4386 Jun 11 j 11:20	4°♒54'13	
				direct	-4386 Jun 27 j 01:18	0°♒16'11	
superior conj	-4388 Jan 19 j 00:00	26°♒01'35	-1°-16'-18	greatest brilliancy	-4386 Jul 11 j 20:12	4°♒04'51	-4.6m
minimum elong	-4388 Jan 18 j 16:15	25°♒37'38	1°16'22		-4386 Aug 14 j 01:47	0°♓	
	-4388 Jan 22 j 05:08	0°♑		morning max el	-4386 Aug 16 j 01:34	1°♓58'06	46°33'20
max. Earth dist.	-4388 Jan 22 j 07:37	0°♑07'40	1.72799 AU		-4386 Sep 11 j 03:47	0°♈	
	-4388 Feb 15 j 12:51	0°♒		asc. node	-4386 Sep 15 j 01:42	4°♈27'58	
evening rise	-4388 Feb 26 j 09:13	13°♒20'26			-4386 Oct 06 j 18:17	0°♌	
	-4388 Mar 10 j 23:07	0°♓			-4386 Oct 31 j 10:07	0°♍	
asc. node	-4388 Mar 30 j 05:09	23°♓32'02			-4386 Nov 24 j 18:06	0°♎	
	-4388 Apr 04 j 12:28	0°♑			-4386 Dec 19 j 01:13	0°♏	
	-4388 Apr 29 j 05:39	0°♒		desc. node	-4385 Jan 04 j 23:37	20°♏51'48	
	-4388 May 24 j 03:48	0°♓			-4385 Jan 12 j 09:56	0°♑	
	-4388 Jun 18 j 09:27	0°♈			-4385 Feb 05 j 20:15	0°♒	
	-4388 Jul 14 j 04:38	0°♌		morning set	-4385 Feb 20 j 22:03	18°♒29'21	
desc. node	-4388 Jul 20 j 01:57	6°♌41'55			-4385 Mar 02 j 07:19	0°♓	
	-4388 Aug 10 j 04:43	0°♍			-4385 Mar 26 j 18:23	0°♑	
evening max el	-4388 Aug 23 j 09:46	13°♍42'12	47°26'47	max. Earth dist.	-4385 Mar 28 j 21:33	2°♑36'58	1.73739 AU
	-4388 Sep 09 j 21:51	0°♎					
greatest brilliancy	-4388 Oct 01 j 14:45	14°♎18'29	-4.7m	superior conj	-4385 Mar 29 j 19:21	3°♑43'50	-1°00'-27
retrograde	-4388 Oct 13 j 03:05	16°♎48'01		minimum elong	-4385 Mar 30 j 03:54	4°♑10'05	1°00'16
evening set	-4388 Oct 27 j 20:55	12°♎27'19			-4385 Apr 20 j 04:57	0°♑	
inferior conj	-4388 Nov 02 j 17:23	8°♎58'01	-1°-49'-54	asc. node	-4385 Apr 27 j 17:41	9°♑15'12	
minimum elong	-4388 Nov 02 j 21:24	8°♎51'47	1°48'40	evening rise	-4385 May 04 j 17:51	17°♑51'55	
min. Earth dist.	-4388 Nov 02 j 07:17	9°♎13'38	0.26488 AU		-4385 May 14 j 14:45	0°♒	
morning rise	-4388 Nov 08 j 22:22	5°♎18'44			-4385 Jun 07 j 23:55	0°♓	
asc. node	-4388 Nov 09 j 22:02	4°♎48'03			-4385 Jul 02 j 09:19	0°♑	
direct	-4388 Nov 22 j 23:03	1°♎21'10			-4385 Jul 26 j 20:45	0°♌	
greatest brilliancy	-4388 Dec 04 j 06:14	3°♎44'57	-4.6m	desc. node	-4385 Aug 17 j 13:58	26°♌25'22	
	-4387 Jan 08 j 08:09	0°♏			-4385 Aug 20 j 12:56	0°♍	
morning max el	-4387 Jan 11 j 18:09	3°♏19'54	46°23'11		-4385 Sep 14 j 14:10	0°♎	
	-4387 Feb 06 j 05:45	0°♐			-4385 Oct 10 j 09:59	0°♏	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 4

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4385 Nov 03 j 22:50	26° M 38'37	47°14'44			-4382 May 05 j 01:59	0° Y	
	-4385 Nov 07 j 06:27	0° X		asc. node		-4382 May 25 j 06:02	24° Y 49'02	
asc. node	-4385 Dec 08 j 09:31	25° X 34'02				-4382 May 29 j 10:47	0° B	
greatest brilliancy	-4385 Dec 10 j 13:18	26° X 42'07	-4.6m	max. Earth dist.		-4382 May 31 j 07:42	2° B 18'48	1.73019 AU
	-4385 Dec 19 j 16:59	0° B						
retrograde	-4385 Dec 24 j 23:13	0° B 33'22		superior conj		-4382 Jun 04 j 10:39	7° B 24'44	0°23'39
	-4385 Dec 30 j 02:22	30° R X		minimum elong		-4382 Jun 04 j 06:07	7° B 10'44	0°23'33
evening set	-4384 Jan 10 j 12:58	25° X 03'27				-4382 Jun 22 j 15:33	0° II	
min. Earth dist.	-4384 Jan 14 j 04:16	22° X 47'30	0.28396 AU	evening rise		-4382 Jul 10 j 10:00	22° II 07'57	
inferior conj	-4384 Jan 15 j 02:25	22° X 12'09	7°24'59			-4382 Jul 16 j 17:17	0° B	
minimum elong	-4384 Jan 14 j 18:49	22° X 24'18	7°23'45			-4382 Aug 09 j 17:46	0° Q	
morning rise	-4384 Jan 19 j 01:07	19° X 43'55				-4382 Sep 02 j 19:03	0° M	
direct	-4384 Feb 05 j 03:22	14° X 02'17		desc. node		-4382 Sep 14 j 02:22	14° M 03'16	
greatest brilliancy	-4384 Feb 16 j 02:33	16° X 13'42	-4.5m			-4382 Sep 26 j 23:10	0° Q	
	-4384 Mar 09 j 04:56	0° B				-4382 Oct 21 j 08:15	0° M	
morning max el	-4384 Mar 24 j 23:37	13° B 59'10	45°52'21			-4382 Nov 15 j 02:13	0° X	
desc. node	-4384 Mar 29 j 08:39	18° B 12'56				-4382 Dec 10 j 14:21	0° B	
	-4384 Apr 10 j 00:11	0° M		asc. node		-4381 Jan 04 j 20:58	27° B 53'03	
	-4384 May 07 j 15:06	0° X				-4381 Jan 06 j 21:47	0° M	
	-4384 Jun 02 j 17:15	0° Y		evening max el		-4381 Jan 13 j 20:13	7° M 00'56	45°47'45
	-4384 Jun 27 j 21:54	0° B				-4381 Feb 10 j 02:44	0° X	
asc. node	-4384 Jul 20 j 04:19	27° B 10'20		greatest brilliancy		-4381 Feb 17 j 01:24	3° X 57'23	-4.5m
	-4384 Jul 22 j 11:21	0° II		retrograde		-4381 Mar 03 j 21:06	7° X 49'10	
	-4384 Aug 15 j 13:59	0° B		evening set		-4381 Mar 20 j 18:28	2° X 22'02	
	-4384 Sep 08 j 10:10	0° Q				-4381 Mar 24 j 14:30	30° R M	
morning set	-4384 Sep 19 j 01:07	13° Q 25'04		inferior conj		-4381 Mar 25 j 08:39	29° M 31'11	6°25'53
	-4384 Oct 02 j 04:04	0° M		minimum elong		-4381 Mar 25 j 17:21	29° M 17'22	6°24'16
	-4384 Oct 25 j 22:57	0° Q		min. Earth dist.		-4381 Mar 25 j 21:30	29° M 10'48	0.29360 AU
				morning rise		-4381 Mar 30 j 16:10	26° M 14'26	
superior conj	-4384 Oct 30 j 08:46	5° Q 32'47	0°22'20	direct		-4381 Apr 16 j 04:21	21° M 04'03	
minimum elong	-4384 Oct 30 j 14:44	5° Q 51'34	0°22'03	desc. node		-4381 Apr 26 j 19:47	23° M 05'27	
max. Earth dist.	-4384 Nov 04 j 01:17	11° Q 26'23	1.71138 AU	greatest brilliancy		-4381 Apr 29 j 16:13	24° M 14'30	-4.5m
desc. node	-4384 Nov 09 j 01:08	17° Q 42'34				-4381 May 09 j 22:21	0° X	
	-4384 Nov 18 j 20:32	0° M		morning max el		-4381 Jun 04 j 03:59	21° X 02'10	45°57'02
evening rise	-4384 Dec 11 j 19:36	28° M 39'42				-4381 Jun 13 j 05:18	0° Y	
	-4384 Dec 12 j 21:25	0° X				-4381 Jul 10 j 23:34	0° B	
	-4383 Jan 06 j 01:59	0° B				-4381 Aug 05 j 17:50	0° II	
	-4383 Jan 30 j 11:17	0° M		asc. node		-4381 Aug 17 j 16:15	14° II 21'45	
	-4383 Feb 24 j 03:30	0° X				-4381 Aug 30 j 11:15	0° B	
asc. node	-4383 Mar 01 j 18:58	6° X 47'54				-4381 Sep 23 j 14:57	0° Q	
	-4383 Mar 21 j 05:55	0° Y				-4381 Oct 17 j 12:33	0° M	
	-4383 Apr 15 j 23:37	0° B				-4381 Nov 10 j 09:28	0° Q	
	-4383 May 12 j 19:11	0° II				-4381 Dec 04 j 08:43	0° M	
evening max el	-4383 Jun 08 j 04:17	27° II 12'37	45°59'32	morning set		-4381 Dec 06 j 07:38	2° M 26'25	
	-4383 Jun 11 j 02:39	0° B		desc. node		-4381 Dec 07 j 13:27	3° M 59'25	
desc. node	-4383 Jun 21 j 16:30	9° B 27'45				-4381 Dec 28 j 11:06	0° X	
greatest brilliancy	-4383 Jul 17 j 00:43	25° B 44'27	-4.6m					
retrograde	-4383 Jul 27 j 14:34	27° B 45'06		superior conj		-4380 Jan 16 j 13:11	23° X 39'26	-1°-14'-47
evening set	-4383 Aug 14 j 12:11	21° B 47'54		minimum elong		-4380 Jan 16 j 04:49	23° X 13'33	1°14'50
inferior conj	-4383 Aug 17 j 09:29	20° B 04'10	-8°-57'-36	max. Earth dist.		-4380 Jan 20 j 00:09	27° X 55'56	1.72744 AU
minimum elong	-4383 Aug 17 j 09:10	20° B 04'38	8°57'24			-4380 Jan 21 j 16:17	0° B	
min. Earth dist.	-4383 Aug 17 j 17:14	19° B 52'27	0.27063 AU			-4380 Feb 14 j 23:57	0° M	
morning rise	-4383 Aug 20 j 06:05	18° B 21'26		evening rise		-4380 Feb 24 j 01:25	11° M 08'35	
direct	-4383 Sep 07 j 03:18	12° B 20'49				-4380 Mar 10 j 10:16	0° X	
greatest brilliancy	-4383 Sep 20 j 09:17	15° B 35'52	-4.7m	asc. node		-4380 Mar 29 j 07:20	23° X 04'11	
	-4383 Oct 11 j 04:58	0° Q				-4380 Apr 03 j 23:49	0° Y	
asc. node	-4383 Oct 12 j 12:58	1° Q 10'06				-4380 Apr 28 j 17:24	0° B	
morning max el	-4383 Oct 27 j 23:21	16° Q 00'59	46°51'25			-4380 May 23 j 16:12	0° II	
	-4383 Nov 10 j 03:03	0° M				-4380 Jun 17 j 22:58	0° B	
	-4383 Dec 06 j 12:33	0° Q				-4380 Jul 13 j 20:08	0° Q	
	-4383 Dec 31 j 22:44	0° M		desc. node		-4380 Jul 19 j 04:04	6° Q 02'15	
	-4382 Jan 26 j 01:07	0° X				-4380 Aug 10 j 00:35	0° M	
desc. node	-4382 Feb 01 j 11:33	7° X 43'12		evening max el		-4380 Aug 20 j 22:04	11° M 13'31	47°24'50
	-4382 Feb 20 j 00:05	0° B				-4380 Sep 10 j 10:52	0° Q	
	-4382 Mar 16 j 20:12	0° M		greatest brilliancy		-4380 Sep 29 j 06:21	11° Q 51'18	-4.7m
	-4382 Apr 10 j 13:01	0° X		retrograde		-4380 Oct 10 j 15:15	14° Q 17'49	
morning set	-4382 Apr 29 j 14:59	23° X 18'37		evening set		-4380 Oct 25 j 11:15	9° Q 54'57	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 5

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4380 Oct 31 j 05:55	6°♂28'52	-2°-13'-37	superior conj	-4377 Mar 27 j 13:29	1°♂39'03	-1°-2'-32
minimum elong	-4380 Oct 31 j 10:48	6°♂21'21	2°12'06	minimum elong	-4377 Mar 27 j 22:02	2°♂05'15	1°02'23
min. Earth dist.	-4380 Oct 30 j 21:29	6°♂41'52	0.26465 AU		-4377 Apr 19 j 15:46	0°♀	
morning rise	-4380 Nov 06 j 10:39	2°♂50'06		asc. node	-4377 Apr 26 j 19:43	8°♀48'04	
asc. node	-4380 Nov 09 j 00:09	1°♂33'44		evening rise	-4377 May 02 j 13:12	15°♀50'26	
	-4380 Nov 13 j 01:50	30°♂			-4377 May 14 j 01:42	0°♂	
direct	-4380 Nov 20 j 10:51	28°♂52'13			-4377 Jun 07 j 11:08	0°♂	
	-4380 Nov 28 j 02:13	0°♂			-4377 Jul 01 j 20:56	0°♂	
greatest brilliancy	-4380 Dec 01 j 21:28	1°♂19'26	-4.6m		-4377 Jul 26 j 08:55	0°♂	
	-4379 Jan 08 j 08:39	0°♂		desc. node	-4377 Aug 16 j 16:13	25°♂53'26	
morning max el	-4379 Jan 09 j 07:18	0°♂55'47	46°24'36		-4377 Aug 20 j 01:51	0°♂	
	-4379 Feb 05 j 22:35	0°♂			-4377 Sep 14 j 04:19	0°♂	
desc. node	-4379 Feb 28 j 23:27	25°♂51'10			-4377 Oct 10 j 02:31	0°♂	
	-4379 Mar 04 j 14:28	0°♂		evening max el	-4377 Nov 01 j 15:28	24°♂22'58	47°17'00
	-4379 Mar 30 j 10:36	0°♂			-4377 Nov 07 j 05:48	0°♂	
	-4379 Apr 24 j 18:21	0°♂		asc. node	-4377 Dec 07 j 11:36	24°♂03'26	
	-4379 May 19 j 16:17	0°♀		greatest brilliancy	-4377 Dec 08 j 07:09	24°♂28'12	-4.6m
	-4379 Jun 13 j 05:30	0°♂		retrograde	-4377 Dec 22 j 16:02	28°♂17'34	
asc. node	-4379 Jun 21 j 18:19	10°♂31'36		evening set	-4376 Jan 08 j 02:04	22°♂52'18	
morning set	-4379 Jul 06 j 01:09	28°♂14'43		min. Earth dist.	-4376 Jan 11 j 18:52	20°♂34'07	0.28325 AU
	-4379 Jul 07 j 10:58	0°♂		inferior conj	-4376 Jan 12 j 18:14	19°♂56'50	7°15'41
	-4379 Jul 31 j 10:25	0°♂		minimum elong	-4376 Jan 12 j 10:14	20°♂09'36	7°14'20
max. Earth dist.	-4379 Aug 09 j 22:46	11°♂57'46	1.71305 AU	morning rise	-4376 Jan 16 j 18:58	17°♂25'46	
				direct	-4376 Feb 02 j 18:57	11°♂48'22	
superior conj	-4379 Aug 12 j 14:47	15°♂19'13	1°23'24	greatest brilliancy	-4376 Feb 13 j 15:19	13°♂57'44	-4.5m
minimum elong	-4379 Aug 12 j 12:39	15°♂12'30	1°23'35		-4376 Mar 09 j 12:36	0°♂	
	-4379 Aug 24 j 06:26	0°♂		morning max el	-4376 Mar 22 j 15:30	11°♂48'48	45°52'47
	-4379 Sep 17 j 01:50	0°♂		desc. node	-4376 Mar 28 j 10:42	17°♂26'47	
evening rise	-4379 Sep 21 j 12:12	5°♂34'38			-4376 Apr 09 j 17:57	0°♂	
	-4379 Oct 10 j 22:52	0°♂			-4376 May 07 j 05:16	0°♂	
desc. node	-4379 Oct 11 j 14:47	0°♂49'54			-4376 Jun 02 j 05:50	0°♀	
	-4379 Nov 03 j 22:52	0°♂			-4376 Jun 27 j 09:42	0°♂	
	-4379 Nov 28 j 02:56	0°♂		asc. node	-4376 Jul 19 j 06:30	26°♂41'54	
	-4379 Dec 22 j 13:18	0°♂			-4376 Jul 21 j 22:45	0°♂	
	-4378 Jan 16 j 10:41	0°♂			-4376 Aug 15 j 01:11	0°♂	
asc. node	-4378 Feb 01 j 08:54	18°♂43'25			-4376 Sep 07 j 21:16	0°♂	
	-4378 Feb 11 j 04:12	0°♂		morning set	-4376 Sep 16 j 12:52	10°♂55'37	
	-4378 Mar 10 j 13:45	0°♀			-4376 Oct 01 j 15:08	0°♂	
evening max el	-4378 Mar 25 j 14:59	15°♀02'20	45°06'13		-4376 Oct 25 j 09:58	0°♂	
	-4378 Apr 11 j 18:57	0°♂		superior conj	-4376 Oct 27 j 17:48	2°♂55'39	0°26'10
greatest brilliancy	-4378 Apr 29 j 15:49	11°♂06'45	-4.5m	minimum elong	-4376 Oct 28 j 00:41	3°♂17'19	0°25'50
retrograde	-4378 May 12 j 20:48	14°♂08'16		max. Earth dist.	-4376 Nov 01 j 11:06	8°♂51'49	1.71095 AU
desc. node	-4378 May 24 j 07:12	11°♂36'02		desc. node	-4376 Nov 08 j 03:12	17°♂14'30	
evening set	-4378 May 27 j 16:09	9°♂58'20			-4376 Nov 18 j 07:31	0°♂	
inferior conj	-4378 Jun 03 j 03:36	6°♂12'09	-2°-17'-7	evening rise	-4376 Dec 09 j 06:19	26°♂09'23	
minimum elong	-4378 Jun 02 j 22:38	6°♂19'45	2°15'36		-4376 Dec 12 j 08:24	0°♂	
min. Earth dist.	-4378 Jun 03 j 16:22	5°♂52'40	0.28368 AU		-4375 Jan 05 j 13:02	0°♂	
morning rise	-4378 Jun 09 j 04:23	2°♂38'28			-4375 Jan 29 j 22:31	0°♂	
	-4378 Jun 14 j 18:04	30°♂			-4375 Feb 23 j 15:05	0°♂	
direct	-4378 Jun 24 j 17:21	28°♀02'10		asc. node	-4375 Feb 28 j 21:05	6°♂19'03	
	-4378 Jul 05 j 02:53	0°♂			-4375 Mar 20 j 18:14	0°♀	
greatest brilliancy	-4378 Jul 09 j 12:47	1°♂52'04	-4.6m		-4375 Apr 15 j 13:21	0°♂	
morning max el	-4378 Aug 13 j 17:24	29°♂42'37	46°32'14		-4375 May 12 j 11:58	0°♂	
	-4378 Aug 14 j 00:22	0°♂		evening max el	-4375 Jun 05 j 17:26	24°♂51'44	45°56'22
	-4378 Sep 10 j 19:52	0°♂			-4375 Jun 11 j 04:25	0°♂	
asc. node	-4378 Sep 14 j 03:53	3°♂49'16		desc. node	-4375 Jun 20 j 18:40	8°♂23'14	
	-4378 Oct 06 j 08:06	0°♂		greatest brilliancy	-4375 Jul 14 j 12:40	23°♂19'29	-4.6m
	-4378 Oct 30 j 22:53	0°♂		retrograde	-4375 Jul 25 j 02:06	25°♂19'40	
	-4378 Nov 24 j 06:15	0°♂		evening set	-4375 Aug 11 j 22:57	19°♂25'10	
desc. node	-4377 Jan 04 j 01:44	20°♂22'57		inferior conj	-4375 Aug 14 j 21:59	17°♂38'47	-8°-56'-13
	-4377 Jan 11 j 21:19	0°♂		minimum elong	-4375 Aug 14 j 20:42	17°♂40'43	8°56'01
	-4377 Feb 05 j 07:22	0°♂		min. Earth dist.	-4375 Aug 15 j 05:51	17°♂26'52	0.27103 AU
morning set	-4377 Feb 18 j 13:43	16°♂16'27		morning rise	-4375 Aug 17 j 18:21	15°♂56'10	
	-4377 Mar 01 j 18:14	0°♂		direct	-4375 Sep 04 j 16:13	9°♂54'44	
	-4377 Mar 26 j 05:12	0°♂		greatest brilliancy	-4375 Sep 17 j 23:37	13°♂10'26	-4.7m
max. Earth dist.	-4377 Mar 26 j 20:45	0°♂47'42	1.73735 AU	asc. node	-4375 Oct 11 j 15:00	0°♂05'11	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4375 Oct 11 j 12:42	0°♌				-4372 Apr 28 j 04:53	0°♋		
morning max el	-4375 Oct 25 j 11:23	13°♌30'39	46°51'47			-4372 May 23 j 04:26	0°♊		
	-4375 Nov 09 j 21:37	0°♐				-4372 Jun 17 j 12:23	0°♎		
	-4375 Dec 06 j 03:27	0°♏				-4372 Jul 13 j 11:40	0°♍		
	-4375 Dec 31 j 11:54	0°♎			desc. node	-4372 Jul 18 j 06:18	5°♌23'10		
	-4374 Jan 25 j 13:18	0°♏				-4372 Aug 09 j 20:50	0°♐		
desc. node	-4374 Jan 31 j 13:48	7°♏13'59			evening max el	-4372 Aug 18 j 10:42	8°♐46'31	47°22'56	
	-4374 Feb 19 j 11:38	0°♎				-4372 Sep 11 j 03:47	0°♏		
	-4374 Mar 16 j 07:20	0°♎			greatest brilliancy	-4372 Sep 26 j 20:57	9°♏23'34	-4.7m	
	-4374 Apr 09 j 23:53	0°♏			retrograde	-4372 Oct 08 j 03:50	11°♏48'20		
morning set	-4374 Apr 27 j 10:05	21°♏17'17			evening set	-4372 Oct 23 j 01:43	7°♏22'45		
	-4374 May 04 j 12:42	0°♐			inferior conj	-4372 Oct 28 j 18:24	4°♏00'02	-2°-37'-2	
asc. node	-4374 May 24 j 08:11	24°♐22'38			minimum elong	-4372 Oct 29 j 00:05	3°♏51'18	2°35'17	
	-4374 May 28 j 21:28	0°♋			min. Earth dist.	-4372 Oct 28 j 11:17	4°♏10'58	0.26446 AU	
max. Earth dist.	-4374 May 29 j 02:48	0°♋16'30	1.73072 AU		morning rise	-4372 Nov 03 j 22:42	0°♏22'23		
						-4372 Nov 04 j 15:47	30°♎		
superior conj	-4374 Jun 02 j 05:18	5°♋20'56	0°20'40		asc. node	-4372 Nov 08 j 02:22	28°♎24'44		
minimum elong	-4374 Jun 02 j 01:19	5°♋08'36	0°20'36		direct	-4372 Nov 17 j 23:00	26°♎23'33		
	-4374 Jun 22 j 02:20	0°♊			greatest brilliancy	-4372 Nov 29 j 12:13	28°♎53'50	-4.6m	
evening rise	-4374 Jul 08 j 03:13	19°♊58'01				-4372 Dec 01 j 23:31	0°♏		
	-4374 Jul 16 j 04:15	0°♎			morning max el	-4371 Jan 06 j 21:33	28°♏34'49	46°26'07	
	-4374 Aug 09 j 04:58	0°♌				-4371 Jan 08 j 07:49	0°♎		
	-4374 Sep 02 j 06:34	0°♐				-4371 Feb 05 j 14:53	0°♏		
desc. node	-4374 Sep 13 j 04:24	13°♐33'18			desc. node	-4371 Feb 28 j 01:26	25°♏17'05		
	-4374 Sep 26 j 11:03	0°♏				-4371 Mar 04 j 04:07	0°♎		
	-4374 Oct 20 j 20:38	0°♎				-4371 Mar 29 j 22:54	0°♎		
	-4374 Nov 14 j 15:24	0°♏				-4371 Apr 24 j 05:54	0°♏		
	-4374 Dec 10 j 05:09	0°♎				-4371 May 19 j 03:26	0°♐		
asc. node	-4373 Jan 03 j 23:14	27°♎10'18				-4371 Jun 12 j 16:27	0°♋		
	-4373 Jan 06 j 17:06	0°♎			asc. node	-4371 Jun 20 j 20:33	10°♋04'46		
evening max el	-4373 Jan 11 j 10:29	4°♎45'13	45°50'34		morning set	-4371 Jul 03 j 18:01	26°♋04'00		
	-4373 Feb 11 j 06:50	0°♏				-4371 Jul 06 j 21:52	0°♊		
greatest brilliancy	-4373 Feb 14 j 17:30	1°♏50'01	-4.5m			-4371 Jul 30 j 21:21	0°♎		
retrograde	-4373 Mar 01 j 14:01	5°♏43'57			max. Earth dist.	-4371 Aug 07 j 10:10	9°♎28'07	1.71355 AU	
evening set	-4373 Mar 18 j 14:04	0°♏12'45							
	-4373 Mar 18 j 22:38	30°♎			superior conj	-4371 Aug 10 j 05:09	12°♎58'50	1°22'56	
inferior conj	-4373 Mar 23 j 01:59	27°♎25'17	6°37'06		minimum elong	-4371 Aug 10 j 02:14	12°♎49'38	1°23'07	
minimum elong	-4373 Mar 23 j 10:30	27°♎11'44	6°35'35			-4371 Aug 23 j 17:27	0°♌		
min. Earth dist.	-4373 Mar 23 j 14:19	27°♎05'41	0.29372 AU			-4371 Sep 16 j 12:59	0°♐		
morning rise	-4373 Mar 28 j 06:51	24°♎12'09			evening rise	-4371 Sep 18 j 22:06	2°♐59'42		
direct	-4373 Apr 13 j 20:53	18°♎57'53				-4371 Oct 10 j 10:09	0°♏		
desc. node	-4373 Apr 25 j 21:54	21°♎31'00			desc. node	-4371 Oct 10 j 16:50	0°♏20'55		
greatest brilliancy	-4373 Apr 27 j 08:00	22°♎06'55	-4.5m			-4371 Nov 03 j 10:18	0°♎		
	-4373 May 10 j 16:30	0°♏				-4371 Nov 27 j 14:35	0°♏		
morning max el	-4373 Jun 01 j 19:47	18°♏52'09	45°56'12			-4371 Dec 22 j 01:19	0°♎		
	-4373 Jun 13 j 00:09	0°♐				-4370 Jan 15 j 23:25	0°♎		
	-4373 Jul 10 j 14:09	0°♋			asc. node	-4370 Jan 31 j 11:03	18°♎10'27		
	-4373 Aug 05 j 06:44	0°♊				-4370 Feb 10 j 18:28	0°♏		
asc. node	-4373 Aug 16 j 18:27	13°♊50'41				-4370 Mar 10 j 07:54	0°♐		
	-4373 Aug 29 j 23:22	0°♎			evening max el	-4370 Mar 23 j 07:26	12°♐54'02	45°06'16	
	-4373 Sep 23 j 02:37	0°♌				-4370 Apr 12 j 07:28	0°♋		
	-4373 Oct 16 j 23:58	0°♐			greatest brilliancy	-4370 Apr 27 j 04:53	8°♋53'54	-4.5m	
	-4373 Nov 09 j 20:44	0°♏			retrograde	-4370 May 10 j 12:23	11°♋57'25		
morning set	-4373 Dec 03 j 17:38	29°♏53'07			desc. node	-4370 May 23 j 09:21	8°♋45'41		
	-4373 Dec 03 j 19:50	0°♎			evening set	-4370 May 25 j 07:18	7°♋47'42		
desc. node	-4373 Dec 06 j 15:36	3°♎31'29			inferior conj	-4370 May 31 j 19:02	4°♋00'31	-1°-57'-13	
	-4373 Dec 27 j 22:04	0°♏			minimum elong	-4370 May 31 j 14:45	4°♋07'05	1°55'53	
					min. Earth dist.	-4370 Jun 01 j 07:49	3°♋40'56	0.28413 AU	
superior conj	-4372 Jan 14 j 02:32	21°♏18'38	-1°-13'-9		morning rise	-4370 Jun 06 j 21:33	0°♋24'18		
minimum elong	-4372 Jan 13 j 17:36	20°♏51'01	1°13'10			-4370 Jun 07 j 15:39	30°♎		
max. Earth dist.	-4372 Jan 17 j 15:02	25°♏40'02	1.72682 AU		direct	-4370 Jun 22 j 09:54	25°♐49'49		
	-4372 Jan 21 j 03:07	0°♎			greatest brilliancy	-4370 Jul 07 j 04:28	29°♐39'05	-4.6m	
	-4372 Feb 14 j 10:43	0°♎				-4370 Jul 07 j 21:29	0°♋		
evening rise	-4372 Feb 21 j 17:55	8°♎58'42			morning max el	-4370 Aug 11 j 09:11	27°♋27'21	46°30'46	
	-4372 Mar 09 j 21:05	0°♏				-4370 Aug 13 j 22:03	0°♊		
asc. node	-4372 Mar 28 j 09:23	22°♏37'00				-4370 Sep 10 j 11:46	0°♎		
	-4372 Apr 03 j 10:52	0°♐			asc. node	-4370 Sep 13 j 05:55	3°♎10'19		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4370 Oct 05 j 21:55	0°♈		evening max el	-4367 Jun 03 j 06:12	22°♊29'48	45°53'28
	-4370 Oct 30 j 11:40	0°♍			-4367 Jun 11 j 07:47	0°♋	
	-4370 Nov 23 j 18:26	0°♌		desc. node	-4367 Jun 19 j 20:53	7°♋17'02	
	-4370 Dec 18 j 00:41	0°♍		greatest brilliancy	-4367 Jul 12 j 00:48	20°♋55'19	-4.6m
desc. node	-4369 Jan 03 j 03:55	19°♍54'13		retrograde	-4367 Jul 22 j 13:56	22°♋55'32	
	-4369 Jan 11 j 08:44	0°♎		evening set	-4367 Aug 09 j 09:36	17°♋04'11	
	-4369 Feb 04 j 18:31	0°♏		inferior conj	-4367 Aug 12 j 10:55	15°♋14'32	-8°-53'-47
morning set	-4369 Feb 16 j 05:23	14°♏03'23		minimum elong	-4367 Aug 12 j 08:40	15°♋17'56	8°53'33
	-4369 Mar 01 j 05:13	0°♐		min. Earth dist.	-4367 Aug 12 j 19:00	15°♋02'18	0.27147 AU
				morning rise	-4367 Aug 15 j 07:36	13°♋31'21	
superior conj	-4369 Mar 25 j 07:49	29°♐34'43	-1°-4'-32	direct	-4367 Sep 02 j 05:15	7°♋29'32	
minimum elong	-4369 Mar 25 j 16:19	0°♑00'46	1°04'25	greatest brilliancy	-4367 Sep 15 j 15:10	10°♋47'08	-4.7m
max. Earth dist.	-4369 Mar 24 j 20:02	28°♐58'34	1.73722 AU	asc. node	-4367 Oct 10 j 17:17	29°♋02'12	
	-4369 Mar 25 j 16:04	0°♑			-4367 Oct 11 j 18:19	0°♈	
	-4369 Apr 19 j 02:37	0°♒		morning max el	-4367 Oct 22 j 23:40	11°♈00'21	46°51'46
asc. node	-4369 Apr 25 j 21:54	8°♒21'23			-4367 Nov 09 j 16:01	0°♍	
evening rise	-4369 Apr 30 j 08:50	13°♒49'51			-4367 Dec 05 j 18:33	0°♌	
	-4369 May 13 j 12:40	0°♉			-4367 Dec 31 j 01:27	0°♍	
	-4369 Jun 06 j 22:22	0°♊			-4366 Jan 25 j 01:54	0°♎	
	-4369 Jul 01 j 08:36	0°♋		desc. node	-4366 Jan 30 j 15:49	6°♎42'43	
	-4369 Jul 25 j 21:12	0°♈			-4366 Feb 18 j 23:35	0°♏	
desc. node	-4369 Aug 15 j 18:13	25°♈20'10			-4366 Mar 15 j 18:50	0°♐	
	-4369 Aug 19 j 15:01	0°♍			-4366 Apr 09 j 11:05	0°♑	
	-4369 Sep 13 j 18:50	0°♌		morning set	-4366 Apr 25 j 05:02	19°♑14'21	
	-4369 Oct 09 j 19:40	0°♍			-4366 May 03 j 23:45	0°♒	
evening max el	-4369 Oct 30 j 07:54	22°♍05'44	47°19'11	asc. node	-4366 May 23 j 10:22	23°♒55'20	
	-4369 Nov 07 j 06:40	0°♎		max. Earth dist.	-4366 May 26 j 23:20	28°♒17'33	1.73121 AU
greatest brilliancy	-4369 Dec 06 j 01:57	22°♎14'18	-4.6m		-4366 May 28 j 08:30	0°♉	
asc. node	-4369 Dec 06 j 13:51	22°♎28'47					
retrograde	-4369 Dec 20 j 08:26	26°♎00'13		superior conj	-4366 May 31 j 00:04	3°♉16'27	0°17'41
evening set	-4368 Jan 05 j 15:03	20°♎40'01		minimum elong	-4366 May 30 j 20:38	3°♉05'51	0°17'37
min. Earth dist.	-4368 Jan 09 j 09:38	18°♎19'04	0.28247 AU		-4366 Jun 21 j 13:26	0°♊	
inferior conj	-4368 Jan 10 j 09:54	17°♎40'19	7°05'47	evening rise	-4366 Jul 05 j 20:52	17°♊48'37	
minimum elong	-4368 Jan 10 j 01:33	17°♎53'38	7°04'16		-4366 Jul 15 j 15:30	0°♋	
morning rise	-4368 Jan 14 j 12:41	15°♎06'10			-4366 Aug 08 j 16:26	0°♈	
direct	-4368 Jan 31 j 10:15	9°♎33'23			-4366 Sep 01 j 18:19	0°♍	
greatest brilliancy	-4368 Feb 11 j 03:52	11°♎40'23	-4.5m	desc. node	-4366 Sep 12 j 06:30	13°♍02'47	
	-4368 Mar 09 j 18:19	0°♏			-4366 Sep 25 j 23:13	0°♌	
morning max el	-4368 Mar 20 j 06:28	9°♏35'31	45°53'22		-4366 Oct 20 j 09:23	0°♍	
desc. node	-4368 Mar 27 j 12:49	16°♏40'57			-4366 Nov 14 j 05:04	0°♎	
	-4368 Apr 09 j 11:31	0°♐			-4366 Dec 09 j 20:41	0°♏	
	-4368 May 06 j 19:26	0°♑		asc. node	-4365 Jan 03 j 01:22	26°♏24'50	
	-4368 Jun 01 j 18:30	0°♒			-4365 Jan 06 j 13:44	0°♐	
	-4368 Jun 26 j 21:35	0°♉		evening max el	-4365 Jan 09 j 00:53	2°♐27'52	45°53'26
asc. node	-4368 Jul 18 j 08:39	26°♉13'05		greatest brilliancy	-4365 Feb 12 j 08:40	29°♐39'08	-4.5m
	-4368 Jul 21 j 10:13	0°♊			-4365 Feb 13 j 01:56	0°♑	
greatest brilliancy	-4368 Jul 29 j 16:56	10°♊15'27	-3.9m	retrograde	-4365 Feb 27 j 07:09	3°♑36'15	
	-4368 Aug 14 j 12:29	0°♋			-4365 Mar 12 j 19:31	30°♒	
	-4368 Sep 07 j 08:33	0°♈		evening set	-4365 Mar 16 j 09:19	28°♒00'53	
morning set	-4368 Sep 14 j 00:40	8°♈25'40		inferior conj	-4365 Mar 20 j 18:59	25°♒16'49	6°47'52
	-4368 Oct 01 j 02:26	0°♍		minimum elong	-4365 Mar 21 j 03:17	25°♒03'39	6°46'28
	-4368 Oct 24 j 21:17	0°♌		min. Earth dist.	-4365 Mar 21 j 06:36	24°♒58'22	0.29380 AU
				morning rise	-4365 Mar 25 j 21:09	22°♒07'40	
superior conj	-4368 Oct 25 j 02:33	0°♌16'34	0°29'57	direct	-4365 Apr 11 j 13:06	16°♒49'11	
minimum elong	-4368 Oct 25 j 10:17	0°♌40'55	0°29'37	greatest brilliancy	-4365 Apr 24 j 23:48	19°♒57'35	-4.5m
max. Earth dist.	-4368 Oct 29 j 16:16	6°♌01'36	1.71058 AU	desc. node	-4365 Apr 25 j 00:07	19°♒57'55	
desc. node	-4368 Nov 07 j 05:23	16°♌45'45			-4365 May 11 j 06:53	0°♑	
	-4368 Nov 17 j 18:51	0°♍		morning max el	-4365 May 30 j 12:11	16°♑42'17	45°55'30
evening rise	-4368 Dec 06 j 16:14	23°♍35'25			-4365 Jun 12 j 19:00	0°♒	
	-4368 Dec 11 j 19:46	0°♎			-4365 Jul 10 j 04:57	0°♉	
	-4367 Jan 05 j 00:26	0°♏			-4365 Aug 04 j 19:55	0°♊	
	-4367 Jan 29 j 10:04	0°♐		asc. node	-4365 Aug 15 j 20:25	13°♊18'04	
	-4367 Feb 23 j 03:00	0°♑			-4365 Aug 29 j 11:43	0°♋	
asc. node	-4367 Feb 27 j 23:09	5°♑49'04			-4365 Sep 22 j 14:31	0°♈	
	-4367 Mar 20 j 06:54	0°♒			-4365 Oct 16 j 11:37	0°♍	
	-4367 Apr 15 j 03:31	0°♉			-4365 Nov 09 j 08:14	0°♌	
	-4367 May 12 j 05:20	0°♊		morning set	-4365 Dec 01 j 03:42	27°♌19'06	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 8

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4365 Dec 03 j 07:13	0°♌	evening set	-4362 May 22 j 22:30	5°♊35'40	
desc. node	-4365 Dec 05 j 17:43	3°♌02'35	inferior conj	-4362 May 29 j 10:20	1°♊47'47	-1°-37'-8
	-4365 Dec 27 j 09:21	0°♊	minimum elong	-4362 May 29 j 06:46	1°♊53'16	1°36'01
			min. Earth dist.	-4362 May 29 j 23:30	1°♊27'35	0.28455 AU
superior conj	-4364 Jan 11 j 15:24	18°♊55'09	-1°-11'-22	-4362 Jun 01 j 09:08	30°♋	
minimum elong	-4364 Jan 11 j 05:57	18°♊25'53	1°11'20	morning rise	-4362 Jun 04 j 14:25	28°♋08'59
max. Earth dist.	-4364 Jan 15 j 04:04	23°♊17'10	1.72630 AU	direct	-4362 Jun 20 j 02:06	23°♋36'27
	-4364 Jan 20 j 14:20	0°♊	greatest brilliancy	-4362 Jul 04 j 18:56	27°♋23'35	-4.5m
	-4364 Feb 13 j 21:53	0°♋		-4362 Jul 09 j 14:57	0°♋	
evening rise	-4364 Feb 19 j 09:48	6°♋45'39	morning max el	-4362 Aug 08 j 23:57	25°♋09'04	46°29'22
	-4364 Mar 09 j 08:20	0°♋		-4362 Aug 13 j 19:12	0°♋	
asc. node	-4364 Mar 27 j 11:33	22°♋08'51		-4362 Sep 10 j 03:34	0°♋	
	-4364 Apr 02 j 22:21	0°♋	asc. node	-4362 Sep 12 j 08:11	2°♋31'58	
	-4364 Apr 27 j 16:49	0°♋		-4362 Oct 05 j 11:44	0°♋	
	-4364 May 22 j 17:06	0°♋		-4362 Oct 30 j 00:29	0°♋	
	-4364 Jun 17 j 02:18	0°♋		-4362 Nov 23 j 06:39	0°♋	
	-4364 Jul 13 j 03:49	0°♋		-4362 Dec 17 j 12:27	0°♋	
desc. node	-4364 Jul 17 j 08:19	4°♋42'03	desc. node	-4361 Jan 02 j 05:56	19°♋24'53	
	-4364 Aug 09 j 18:06	0°♋		-4361 Jan 10 j 20:09	0°♋	
evening max el	-4364 Aug 16 j 00:23	6°♋21'32	47°21'05	-4361 Feb 04 j 05:40	0°♋	
	-4364 Sep 12 j 02:45	0°♋	morning set	-4361 Feb 13 j 21:07	11°♋50'25	
greatest brilliancy	-4364 Sep 24 j 10:57	6°♋54'49	-4.7m	-4361 Feb 28 j 16:12	0°♋	
retrograde	-4364 Oct 05 j 17:08	9°♋18'29				
evening set	-4364 Oct 20 j 16:26	4°♋50'04		superior conj	-4361 Mar 23 j 02:05	27°♋29'58 -1°-6'-27
inferior conj	-4364 Oct 26 j 06:54	1°♋30'46	-3°00'-7	minimum elong	-4361 Mar 23 j 10:27	27°♋55'40 1°06'21
minimum elong	-4364 Oct 26 j 13:22	1°♋20'52	2°58'10	max. Earth dist.	-4361 Mar 22 j 18:47	27°♋07'35 1.73714 AU
min. Earth dist.	-4364 Oct 26 j 00:45	1°♋40'12	0.26428 AU		-4361 Mar 25 j 02:59	0°♋
	-4364 Oct 28 j 18:35	30°♋			-4361 Apr 18 j 13:34	0°♋
morning rise	-4364 Nov 01 j 10:33	27°♋54'40		asc. node	-4361 Apr 25 j 00:04	7°♋54'19
asc. node	-4364 Nov 07 j 04:31	25°♋21'07		evening rise	-4361 Apr 28 j 04:12	11°♋48'05
direct	-4364 Nov 15 j 11:41	23°♋54'40			-4361 May 12 j 23:45	0°♋
greatest brilliancy	-4364 Nov 27 j 01:53	26°♋26'40	-4.6m		-4361 Jun 06 j 09:44	0°♋
	-4364 Dec 04 j 01:52	0°♋			-4361 Jun 30 j 20:24	0°♋
morning max el	-4363 Jan 04 j 12:20	26°♋14'37	46°27'22		-4361 Jul 25 j 09:37	0°♋
	-4363 Jan 08 j 06:16	0°♋		desc. node	-4361 Aug 14 j 20:19	24°♋47'01
	-4363 Feb 05 j 07:10	0°♋			-4361 Aug 19 j 04:18	0°♋
desc. node	-4363 Feb 27 j 03:33	24°♋42'33			-4361 Sep 13 j 09:31	0°♋
	-4363 Mar 03 j 18:00	0°♋			-4361 Oct 09 j 13:10	0°♋
	-4363 Mar 29 j 11:32	0°♋		evening max el	-4361 Oct 27 j 23:35	19°♋46'24 47°21'14
	-4363 Apr 23 j 17:49	0°♋			-4361 Nov 07 j 08:47	0°♋
	-4363 May 18 j 14:55	0°♋		greatest brilliancy	-4361 Dec 03 j 21:15	20°♋00'50 -4.6m
	-4363 Jun 12 j 03:42	0°♋		asc. node	-4361 Dec 05 j 15:59	20°♋50'34
asc. node	-4363 Jun 19 j 22:35	9°♋36'30		retrograde	-4361 Dec 18 j 00:19	23°♋42'43
morning set	-4363 Jul 01 j 10:43	23°♋52'06		evening set	-4360 Jan 03 j 04:00	18°♋27'42
	-4363 Jul 06 j 09:01	0°♋		min. Earth dist.	-4360 Jan 07 j 00:48	16°♋03'27 0.28166 AU
	-4363 Jul 30 j 08:31	0°♋		inferior conj	-4360 Jan 08 j 01:32	15°♋23'53 6°55'07
max. Earth dist.	-4363 Aug 04 j 19:36	6°♋51'40	1.71406 AU	minimum elong	-4360 Jan 07 j 16:55	15°♋37'41 6°53'28
				morning rise	-4360 Jan 12 j 06:29	12°♋46'24
superior conj	-4363 Aug 07 j 19:36	10°♋38'00	1°22'19	direct	-4360 Jan 29 j 01:01	7°♋18'29
minimum elong	-4363 Aug 07 j 15:55	10°♋26'27	1°22'30	greatest brilliancy	-4360 Feb 08 j 16:57	9°♋23'44 -4.5m
	-4363 Aug 23 j 04:43	0°♋			-4360 Mar 09 j 21:59	0°♋
evening rise	-4363 Sep 16 j 08:12	0°♋24'35		morning max el	-4360 Mar 17 j 20:37	7°♋20'30 45°53'59
	-4363 Sep 16 j 00:23	0°♋		desc. node	-4360 Mar 26 j 15:04	15°♋56'32
desc. node	-4363 Oct 09 j 19:02	29°♋51'46			-4360 Apr 09 j 04:34	0°♋
	-4363 Oct 09 j 21:40	0°♋			-4360 May 06 j 09:22	0°♋
	-4363 Nov 02 j 21:56	0°♋			-4360 Jun 01 j 07:02	0°♋
	-4363 Nov 27 j 02:24	0°♋			-4360 Jun 26 j 09:24	0°♋
	-4363 Dec 21 j 13:30	0°♋		asc. node	-4360 Jul 17 j 10:43	25°♋44'01
	-4362 Jan 15 j 12:22	0°♋			-4360 Jul 20 j 21:41	0°♋
asc. node	-4362 Jan 30 j 13:04	17°♋36'29		greatest brilliancy	-4360 Aug 02 j 13:53	15°♋43'53 -3.9m
	-4362 Feb 10 j 09:05	0°♋			-4360 Aug 13 j 23:47	0°♋
	-4362 Mar 10 j 02:52	0°♋			-4360 Sep 06 j 19:46	0°♋
evening max el	-4362 Mar 20 j 23:48	10°♋44'31	45°06'10	morning set	-4360 Sep 11 j 12:21	5°♋55'33
	-4362 Apr 13 j 00:57	0°♋			-4360 Sep 30 j 13:37	0°♋
greatest brilliancy	-4362 Apr 24 j 19:01	6°♋41'04	-4.5m			
retrograde	-4362 May 08 j 03:21	9°♋45'11		superior conj	-4360 Oct 22 j 11:19	27°♋37'57 0°33'41
desc. node	-4362 May 22 j 11:30	5°♋50'07		minimum elong	-4360 Oct 22 j 19:51	28°♋04'49 0°33'20

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4360 Oct 24 j 08:28	0°♄		morning rise	-4357 Mar 23 j 11:35	20°≈04'46	
max. Earth dist.	-4360 Oct 26 j 18:49	3°♄03'32	1.71023 AU	direct	-4357 Apr 09 j 05:50	14°≈42'03	
desc. node	-4360 Nov 06 j 07:26	16°♄17'03		greatest brilliancy	-4357 Apr 22 j 15:18	17°≈49'28	-4.5m
	-4360 Nov 17 j 06:03	0°♍		desc. node	-4357 Apr 24 j 02:11	18°≈29'16	
evening rise	-4360 Dec 04 j 02:04	21°♍01'34			-4357 May 11 j 16:58	0°♋	
	-4360 Dec 11 j 06:58	0°♌		morning max el	-4357 May 28 j 05:28	14°♋36'07	45°54'50
	-4359 Jan 04 j 11:41	0°♍			-4357 Jun 12 j 12:52	0°♎	
	-4359 Jan 28 j 21:27	0°≈			-4357 Jul 09 j 19:09	0°♏	
	-4359 Feb 22 j 14:44	0°♋			-4357 Aug 04 j 08:38	0°♐	
asc. node	-4359 Feb 27 j 01:23	5°♋20'17		asc. node	-4357 Aug 14 j 22:42	12°♐47'32	
	-4359 Mar 19 j 19:25	0°♎			-4357 Aug 28 j 23:43	0°♑	
	-4359 Apr 14 j 17:36	0°♏			-4357 Sep 22 j 02:08	0°♒	
	-4359 May 11 j 22:54	0°♐			-4357 Oct 15 j 23:02	0°♓	
evening max el	-4359 May 31 j 18:34	20°♐07'18	45°50'26		-4357 Nov 08 j 19:30	0°♄	
	-4359 Jun 11 j 12:52	0°♑		morning set	-4357 Nov 28 j 13:29	24°♄44'48	
desc. node	-4359 Jun 18 j 22:53	6°♑08'36			-4357 Dec 02 j 18:21	0°♍	
greatest brilliancy	-4359 Jul 09 j 11:50	18°♑29'46	-4.6m	desc. node	-4357 Dec 04 j 19:46	2°♍34'17	
retrograde	-4359 Jul 20 j 01:51	20°♑31'11			-4357 Dec 26 j 20:20	0°♌	
evening set	-4359 Aug 06 j 19:30	14°♑43'17					
inferior conj	-4359 Aug 09 j 23:35	12°♑49'49	-8°-50'-22	superior conj	-4356 Jan 09 j 03:55	16°♌31'29	-1°-9'-25
minimum elong	-4359 Aug 09 j 20:24	12°♑54'38	8°50'02	minimum elong	-4356 Jan 08 j 18:00	16°♌00'44	1°09'22
min. Earth dist.	-4359 Aug 10 j 07:52	12°♑37'17	0.27193 AU	max. Earth dist.	-4356 Jan 12 j 18:17	20°♌58'55	1.72574 AU
morning rise	-4359 Aug 12 j 21:08	11°♑05'27			-4356 Jan 20 j 01:12	0°♍	
direct	-4359 Aug 30 j 18:02	5°♑03'43			-4356 Feb 13 j 08:44	0°≈	
greatest brilliancy	-4359 Sep 13 j 07:18	8°♑24'32	-4.7m	evening rise	-4356 Feb 17 j 01:43	4°≈33'43	
asc. node	-4359 Oct 09 j 19:27	28°♑00'37			-4356 Mar 08 j 19:15	0°♋	
	-4359 Oct 11 j 22:01	0°♒		asc. node	-4356 Mar 26 j 13:43	21°♋41'46	
morning max el	-4359 Oct 20 j 12:37	8°♒32'08	46°51'58		-4356 Apr 02 j 09:29	0°♎	
	-4359 Nov 09 j 09:49	0°♓			-4356 Apr 27 j 04:22	0°♏	
	-4359 Dec 05 j 09:14	0°♄			-4356 May 22 j 05:23	0°♐	
	-4359 Dec 30 j 14:37	0°♍			-4356 Jun 16 j 15:51	0°♑	
	-4358 Jan 24 j 14:09	0°♌			-4356 Jul 12 j 19:45	0°♒	
desc. node	-4358 Jan 29 j 17:55	6°♌12'39		desc. node	-4356 Jul 16 j 10:28	4°♒02'12	
	-4358 Feb 18 j 11:13	0°♍			-4356 Aug 09 j 15:42	0°♓	
	-4358 Mar 15 j 06:01	0°≈		evening max el	-4356 Aug 13 j 14:46	3°♓59'27	47°18'47
	-4358 Apr 08 j 21:57	0°♋			-4356 Sep 13 j 09:58	0°♄	
morning set	-4358 Apr 23 j 00:12	17°♋13'05		greatest brilliancy	-4356 Sep 22 j 00:35	4°♄26'00	-4.7m
	-4358 May 03 j 10:29	0°♎		retrograde	-4356 Oct 03 j 06:06	6°♄48'09	
asc. node	-4358 May 22 j 12:26	23°♎28'38		evening set	-4356 Oct 18 j 07:03	2°♄16'57	
max. Earth dist.	-4358 May 24 j 21:57	26°♎26'08	1.73172 AU		-4356 Oct 22 j 04:32	30°♒♓	
	-4358 May 27 j 19:13	0°♏		inferior conj	-4356 Oct 23 j 19:05	29°♓01'05	-3°-23'-11
				minimum elong	-4356 Oct 24 j 02:16	28°♓50'04	3°21'01
superior conj	-4358 May 28 j 19:00	1°♏13'29	0°14'41	min. Earth dist.	-4356 Oct 23 j 13:52	29°♓09'05	0.26416 AU
minimum elong	-4358 May 28 j 16:08	1°♏04'36	0°14'38	morning rise	-4356 Oct 29 j 21:48	25°♓26'43	
behind sun begin	-4358 May 28 j 07:35	0°♏38'11		asc. node	-4356 Nov 06 j 06:37	22°♓22'38	
behind sun end	-4358 May 29 j 00:41	1°♏31'02		direct	-4356 Nov 13 j 00:28	21°♓25'29	
	-4358 Jun 21 j 00:16	0°♐		greatest brilliancy	-4356 Nov 24 j 14:51	23°♓58'20	-4.7m
evening rise	-4358 Jul 03 j 14:40	15°♐40'36			-4356 Dec 05 j 11:25	0°♄	
	-4358 Jul 15 j 02:32	0°♑		morning max el	-4355 Jan 02 j 02:45	23°♄53'43	46°28'42
	-4358 Aug 08 j 03:44	0°♒			-4355 Jan 08 j 03:42	0°♍	
	-4358 Sep 01 j 05:57	0°♓			-4355 Feb 04 j 22:56	0°♌	
desc. node	-4358 Sep 11 j 08:41	12°♓33'03		desc. node	-4355 Feb 26 j 05:49	24°♌09'35	
	-4358 Sep 25 j 11:15	0°♄			-4355 Mar 03 j 07:25	0°♍	
	-4358 Oct 19 j 21:58	0°♍			-4355 Mar 28 j 23:44	0°≈	
	-4358 Nov 13 j 18:34	0°♌			-4355 Apr 23 j 05:19	0°♋	
	-4358 Dec 09 j 12:04	0°♍			-4355 May 18 j 02:00	0°♎	
asc. node	-4357 Jan 02 j 03:26	25°♍39'37			-4355 Jun 11 j 14:33	0°♏	
	-4357 Jan 06 j 10:36	0°≈		asc. node	-4355 Jun 19 j 00:43	9°♏09'35	
evening max el	-4357 Jan 06 j 16:15	0°≈14'02	45°56'28	morning set	-4355 Jun 29 j 03:58	21°♏43'07	
greatest brilliancy	-4357 Feb 10 j 00:03	27°≈29'52	-4.5m		-4355 Jul 05 j 19:47	0°♐	
	-4357 Feb 16 j 01:54	0°♋			-4355 Jul 29 j 19:18	0°♑	
retrograde	-4357 Feb 25 j 00:50	1°♋29'58		max. Earth dist.	-4355 Aug 02 j 04:27	4°♑14'43	1.71458 AU
	-4357 Mar 05 j 15:23	30°♒≈					
evening set	-4357 Mar 14 j 04:41	25°≈50'30		superior conj	-4355 Aug 05 j 10:42	8°♑20'35	1°21'36
inferior conj	-4357 Mar 18 j 12:08	23°≈09'46	6°58'09	minimum elong	-4355 Aug 05 j 06:20	8°♑06'51	1°21'45
minimum elong	-4357 Mar 18 j 20:10	22°≈57'01	6°56'50		-4355 Aug 22 j 15:37	0°♒	
min. Earth dist.	-4357 Mar 18 j 22:41	22°≈53'01	0.29384 AU	evening rise	-4355 Sep 13 j 18:47	27°♒52'06	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4355 Sep 15 j 11:26	0° \mathfrak{M}		desc. node	-4352 Mar 25 j 17:05	15° \mathfrak{C} 12'10	
desc. node	-4355 Oct 08 j 21:05	29° \mathfrak{M} 23'00			-4352 Apr 08 j 21:17	0° \approx	
	-4355 Oct 09 j 08:53	0° $\underline{\mathfrak{A}}$			-4352 May 05 j 23:07	0° \mathfrak{H}	
	-4355 Nov 02 j 09:20	0° \mathfrak{M}			-4352 May 31 j 19:25	0° \mathfrak{Y}	
	-4355 Nov 26 j 14:02	0° \mathfrak{J}			-4352 Jun 25 j 21:05	0° \mathfrak{B}	
	-4355 Dec 21 j 01:32	0° \mathfrak{C}		asc. node	-4352 Jul 16 j 12:54	25° \mathfrak{B} 15'38	
	-4354 Jan 15 j 01:11	0° \approx			-4352 Jul 20 j 09:00	0° \mathfrak{H}	
asc. node	-4354 Jan 29 j 15:20	17° \approx 03'44		greatest brilliancy	-4352 Aug 04 j 18:24	19° \mathfrak{H} 07'32	-3.9m
	-4354 Feb 09 j 23:38	0° \mathfrak{H}			-4352 Aug 13 j 10:57	0° \mathfrak{C}	
	-4354 Mar 09 j 22:01	0° \mathfrak{Y}			-4352 Sep 06 j 06:53	0° \mathfrak{Q}	
evening max el	-4354 Mar 18 j 15:36	8° \mathfrak{Y} 34'32	45°06'17	morning set	-4352 Sep 09 j 00:28	3° \mathfrak{Q} 27'04	
	-4354 Apr 13 j 23:50	0° \mathfrak{B}			-4352 Sep 30 j 00:43	0° \mathfrak{M}	
greatest brilliancy	-4354 Apr 22 j 09:37	4° \mathfrak{B} 30'08	-4.5m				
retrograde	-4354 May 05 j 18:05	7° \mathfrak{B} 34'44		superior conj	-4352 Oct 19 j 20:35	25° \mathfrak{M} 01'05	0°37'19
evening set	-4354 May 20 j 14:06	3° \mathfrak{B} 25'03		minimum elong	-4352 Oct 20 j 05:49	25° \mathfrak{M} 30'11	0°36'55
desc. node	-4354 May 21 j 13:35	2° \mathfrak{B} 53'15			-4352 Oct 23 j 19:33	0° $\underline{\mathfrak{A}}$	
	-4354 May 26 j 10:51	30° \mathfrak{R} \mathfrak{Y}		max. Earth dist.	-4352 Oct 23 j 20:37	0° $\underline{\mathfrak{A}}$ 03'21	1.70990 AU
inferior conj	-4354 May 27 j 01:54	29° \mathfrak{Y} 36'52	-1°-17'-2	desc. node	-4352 Nov 05 j 09:29	15° $\underline{\mathfrak{A}}$ 48'40	
minimum elong	-4354 May 26 j 23:03	29° \mathfrak{Y} 41'13	1°16'08		-4352 Nov 16 j 17:09	0° \mathfrak{M}	
min. Earth dist.	-4354 May 27 j 15:44	29° \mathfrak{Y} 15'34	0.28495 AU	evening rise	-4352 Dec 01 j 12:09	18° \mathfrak{M} 28'45	
morning rise	-4354 Jun 02 j 07:20	25° \mathfrak{Y} 55'33			-4352 Dec 10 j 18:06	0° \mathfrak{J}	
direct	-4354 Jun 17 j 18:04	21° \mathfrak{Y} 24'47			-4351 Jan 03 j 22:54	0° \mathfrak{C}	
greatest brilliancy	-4354 Jul 02 j 09:44	25° \mathfrak{Y} 09'50	-4.5m		-4351 Jan 28 j 08:50	0° \approx	
	-4354 Jul 10 j 18:58	0° \mathfrak{B}			-4351 Feb 22 j 02:33	0° \mathfrak{H}	
morning max el	-4354 Aug 06 j 14:06	22° \mathfrak{B} 50'29	46°28'06	asc. node	-4351 Feb 26 j 03:28	4° \mathfrak{H} 50'46	
	-4354 Aug 13 j 15:14	0° \mathfrak{H}			-4351 Mar 19 j 08:04	0° \mathfrak{Y}	
	-4354 Sep 09 j 18:45	0° \mathfrak{C}			-4351 Apr 14 j 07:54	0° \mathfrak{B}	
asc. node	-4354 Sep 11 j 10:19	1° \mathfrak{C} 54'40			-4351 May 11 j 16:56	0° \mathfrak{H}	
	-4354 Oct 05 j 01:05	0° \mathfrak{Q}		evening max el	-4351 May 29 j 07:27	17° \mathfrak{H} 46'19	45°47'43
	-4354 Oct 29 j 12:57	0° \mathfrak{M}			-4351 Jun 11 j 20:01	0° \mathfrak{C}	
	-4354 Nov 22 j 18:34	0° $\underline{\mathfrak{A}}$		desc. node	-4351 Jun 18 j 01:04	4° \mathfrak{C} 58'44	
	-4354 Dec 17 j 00:00	0° \mathfrak{M}		greatest brilliancy	-4351 Jul 06 j 21:45	16° \mathfrak{C} 03'36	-4.6m
desc. node	-4353 Jan 01 j 08:03	18° \mathfrak{M} 56'21		retrograde	-4351 Jul 17 j 14:24	18° \mathfrak{C} 07'33	
	-4353 Jan 10 j 07:24	0° \mathfrak{J}		evening set	-4351 Aug 04 j 05:09	12° \mathfrak{C} 23'21	
	-4353 Feb 03 j 16:42	0° \mathfrak{C}		inferior conj	-4351 Aug 07 j 12:22	10° \mathfrak{C} 25'34	-8°-45'-55
morning set	-4353 Feb 11 j 12:16	9° \mathfrak{C} 36'02		minimum elong	-4351 Aug 07 j 08:18	10° \mathfrak{C} 31'42	8°45'29
	-4353 Feb 28 j 03:02	0° \approx		min. Earth dist.	-4351 Aug 07 j 20:31	10° \mathfrak{C} 13'15	0.27240 AU
				morning rise	-4351 Aug 10 j 11:16	8° \mathfrak{C} 39'23	
superior conj	-4353 Mar 20 j 19:59	25° \approx 24'42	-1°-8'-18	direct	-4351 Aug 28 j 07:33	2° \mathfrak{C} 38'20	
minimum elong	-4353 Mar 21 j 04:11	25° \approx 49'53	1°08'12	greatest brilliancy	-4351 Sep 10 j 23:30	6° \mathfrak{C} 02'28	-4.7m
max. Earth dist.	-4353 Mar 20 j 15:58	25° \approx 12'22	1.73697 AU	asc. node	-4351 Oct 08 j 21:29	27° \mathfrak{C} 00'12	
	-4353 Mar 24 j 13:43	0° \mathfrak{H}			-4351 Oct 12 j 00:10	0° \mathfrak{Q}	
	-4353 Apr 18 j 00:18	0° \mathfrak{Y}		morning max el	-4351 Oct 18 j 02:42	6° \mathfrak{Q} 06'53	46°52'07
asc. node	-4353 Apr 24 j 02:04	7° \mathfrak{Y} 27'23			-4351 Nov 09 j 03:17	0° \mathfrak{M}	
evening rise	-4353 Apr 25 j 23:22	9° \mathfrak{Y} 46'28			-4351 Dec 04 j 23:48	0° $\underline{\mathfrak{A}}$	
	-4353 May 12 j 10:39	0° \mathfrak{B}			-4351 Dec 30 j 03:44	0° \mathfrak{M}	
	-4353 Jun 05 j 20:56	0° \mathfrak{H}			-4350 Jan 24 j 02:24	0° \mathfrak{J}	
	-4353 Jun 30 j 08:03	0° \mathfrak{C}		desc. node	-4350 Jan 28 j 20:07	5° \mathfrak{J} 42'51	
	-4353 Jul 24 j 21:52	0° \mathfrak{Q}			-4350 Feb 17 j 22:53	0° \mathfrak{C}	
desc. node	-4353 Aug 13 j 22:33	24° \mathfrak{Q} 14'49			-4350 Mar 14 j 17:16	0° \approx	
	-4353 Aug 18 j 17:26	0° \mathfrak{M}			-4350 Apr 08 j 08:58	0° \mathfrak{H}	
	-4353 Sep 13 j 00:06	0° $\underline{\mathfrak{A}}$		morning set	-4350 Apr 20 j 19:09	15° \mathfrak{H} 10'43	
	-4353 Oct 09 j 06:44	0° \mathfrak{M}			-4350 May 02 j 21:23	0° \mathfrak{Y}	
evening max el	-4353 Oct 25 j 14:14	17° \mathfrak{M} 25'05	47°23'02	asc. node	-4350 May 21 j 14:33	23° \mathfrak{Y} 01'35	
	-4353 Nov 07 j 12:09	0° \mathfrak{J}		max. Earth dist.	-4350 May 22 j 20:26	24° \mathfrak{Y} 33'47	1.73217 AU
greatest brilliancy	-4353 Dec 01 j 15:51	17° \mathfrak{J} 46'31	-4.6m				
asc. node	-4353 Dec 04 j 18:04	19° \mathfrak{J} 08'53		superior conj	-4350 May 26 j 13:43	29° \mathfrak{Y} 09'22	0°11'39
retrograde	-4353 Dec 15 j 15:46	21° \mathfrak{J} 25'11		minimum elong	-4350 May 26 j 11:25	29° \mathfrak{Y} 02'18	0°11'38
evening set	-4353 Dec 31 j 16:47	16° \mathfrak{J} 15'08		behind sun begin	-4350 May 25 j 20:14	28° \mathfrak{Y} 15'22	
min. Earth dist.	-4352 Jan 04 j 16:15	13° \mathfrak{J} 47'07	0.28090 AU	behind sun end	-4350 May 27 j 02:37	29° \mathfrak{Y} 49'14	
inferior conj	-4352 Jan 05 j 17:05	13° \mathfrak{J} 07'23	6°43'33		-4350 May 27 j 06:06	0° \mathfrak{B}	
minimum elong	-4352 Jan 05 j 08:13	13° \mathfrak{J} 21'34	6°41'47		-4350 Jun 20 j 11:15	0° \mathfrak{H}	
morning rise	-4352 Jan 10 j 00:17	10° \mathfrak{J} 26'26		evening rise	-4350 Jul 01 j 08:26	13° \mathfrak{H} 32'06	
direct	-4352 Jan 26 j 15:15	5° \mathfrak{J} 03'12			-4350 Jul 14 j 13:42	0° \mathfrak{C}	
greatest brilliancy	-4352 Feb 06 j 07:19	7° \mathfrak{J} 08'08	-4.5m		-4350 Aug 07 j 15:09	0° \mathfrak{Q}	
	-4352 Mar 10 j 00:07	0° \mathfrak{C}			-4350 Aug 31 j 17:43	0° \mathfrak{M}	
morning max el	-4352 Mar 15 j 10:39	5° \mathfrak{C} 05'00	45°54'43	desc. node	-4350 Sep 10 j 10:42	12° \mathfrak{M} 02'19	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4350 Sep 24 j 23:27	0°♄				-4347 Apr 22 j 17:05	0°♁		
	-4350 Oct 19 j 10:45	0°♌				-4347 May 17 j 13:23	0°♎		
	-4350 Nov 13 j 08:18	0°♊				-4347 Jun 11 j 01:45	0°♈		
	-4350 Dec 09 j 03:49	0°♏				-4347 Jun 18 j 02:55	8°♄41'50		
asc. node	-4349 Jan 01 j 05:43	24°♏53'56			asc. node	-4347 Jun 26 j 21:06	19°♄32'43		
evening max el	-4349 Jan 04 j 08:25	28°♏01'43	45°59'30		morning set	-4347 Jul 05 j 06:56	0°♐		
	-4349 Jan 06 j 08:23	0°♌				-4347 Jul 29 j 06:30	0°♍		
greatest brilliancy	-4349 Feb 07 j 16:15	25°♌21'15	-4.5m		max. Earth dist.	-4347 Jul 30 j 12:20	1°♍33'36	1.71516 AU	
retrograde	-4349 Feb 22 j 18:34	29°♌23'01							
evening set	-4349 Mar 11 j 23:59	23°♌39'42			superior conj	-4347 Aug 03 j 01:43	6°♍01'45	1°20'43	
inferior conj	-4349 Mar 16 j 05:15	21°♌02'01	7°07'46		minimum elong	-4347 Aug 02 j 20:41	5°♍45'54	1°20'51	
minimum elong	-4349 Mar 16 j 12:59	20°♌49'44	7°06'33			-4347 Aug 22 j 02:55	0°♌		
min. Earth dist.	-4349 Mar 16 j 14:26	20°♌47'27	0.29388 AU		evening rise	-4347 Sep 11 j 05:15	25°♌18'06		
morning rise	-4349 Mar 21 j 01:59	18°♌01'07				-4347 Sep 14 j 22:52	0°♐		
direct	-4349 Apr 06 j 23:03	12°♌34'21			desc. node	-4347 Oct 07 j 23:08	28°♐53'14		
greatest brilliancy	-4349 Apr 20 j 05:54	15°♌39'36	-4.5m			-4347 Oct 08 j 20:27	0°♄		
desc. node	-4349 Apr 23 j 04:18	17°♌02'49				-4347 Nov 01 j 21:03	0°♌		
	-4349 May 12 j 00:43	0°♁				-4347 Nov 26 j 02:00	0°♊		
morning max el	-4349 May 25 j 23:01	12°♁29'50	45°54'03			-4347 Dec 20 j 13:57	0°♏		
	-4349 Jun 12 j 06:42	0°♎				-4346 Jan 14 j 14:27	0°♌		
	-4349 Jul 09 j 09:32	0°♈			asc. node	-4346 Jan 28 j 17:26	16°♌29'15		
	-4349 Aug 03 j 21:33	0°♐				-4346 Feb 09 j 14:43	0°♁		
asc. node	-4349 Aug 14 j 00:49	12°♐15'48				-4346 Mar 09 j 18:07	0°♎		
	-4349 Aug 28 j 11:54	0°♍			evening max el	-4346 Mar 16 j 06:35	6°♎21'39	45°06'32	
	-4349 Sep 21 j 13:56	0°♌				-4346 Apr 15 j 08:19	0°♈		
	-4349 Oct 15 j 10:38	0°♐			greatest brilliancy	-4346 Apr 19 j 23:41	2°♈17'48	-4.5m	
	-4349 Nov 08 j 06:59	0°♄			retrograde	-4346 May 03 j 08:50	5°♈23'54		
morning set	-4349 Nov 25 j 23:16	22°♄09'46			evening set	-4346 May 18 j 05:54	1°♈13'29		
	-4349 Dec 02 j 05:43	0°♌				-4346 May 20 j 10:54	30°♐♎		
desc. node	-4349 Dec 03 j 21:53	2°♌05'28			desc. node	-4346 May 20 j 15:44	29°♎53'01		
	-4349 Dec 26 j 07:34	0°♊			inferior conj	-4346 May 24 j 17:33	27°♎25'26	0°-56'-58	
					minimum elong	-4346 May 24 j 15:27	27°♎28'40	0°56'17	
superior conj	-4348 Jan 06 j 16:16	14°♊06'19	-1°-7'-20		min. Earth dist.	-4346 May 25 j 08:12	27°♎02'51	0.28540 AU	
minimum elong	-4348 Jan 06 j 05:58	13°♊34'23	1°07'16		morning rise	-4346 May 31 j 00:12	23°♎41'55		
max. Earth dist.	-4348 Jan 10 j 09:51	18°♊43'56	1.72516 AU		direct	-4346 Jun 15 j 09:40	19°♎12'25		
	-4348 Jan 19 j 12:19	0°♏			greatest brilliancy	-4346 Jun 30 j 01:34	22°♎56'42	-4.5m	
	-4348 Feb 12 j 19:48	0°♌				-4346 Jul 11 j 15:54	0°♈		
evening rise	-4348 Feb 14 j 17:34	2°♌20'46			morning max el	-4346 Aug 04 j 04:03	20°♈30'22	46°26'43	
	-4348 Mar 08 j 06:25	0°♁				-4346 Aug 13 j 11:08	0°♐		
asc. node	-4348 Mar 25 j 15:45	21°♁13'32				-4346 Sep 09 j 10:13	0°♍		
	-4348 Apr 01 j 20:54	0°♎			asc. node	-4346 Sep 10 j 12:22	1°♍16'03		
	-4348 Apr 26 j 16:16	0°♈				-4346 Oct 04 j 14:48	0°♌		
	-4348 May 21 j 18:06	0°♐				-4346 Oct 29 j 01:45	0°♐		
	-4348 Jun 16 j 05:56	0°♍				-4346 Nov 22 j 06:49	0°♄		
	-4348 Jul 12 j 12:22	0°♌				-4346 Dec 16 j 11:50	0°♌		
desc. node	-4348 Jul 15 j 12:40	3°♌20'52			desc. node	-4346 Dec 31 j 10:13	18°♌27'05		
	-4348 Aug 09 j 14:34	0°♐				-4345 Jan 09 j 18:56	0°♊		
evening max el	-4348 Aug 11 j 05:25	1°♐37'01	47°16'31			-4345 Feb 03 j 04:01	0°♏		
	-4348 Sep 15 j 08:13	0°♄			morning set	-4345 Feb 09 j 03:14	7°♏20'03		
greatest brilliancy	-4348 Sep 19 j 14:45	1°♄57'06	-4.7m			-4345 Feb 27 j 14:11	0°♌		
retrograde	-4348 Sep 30 j 18:42	4°♄16'52							
	-4348 Oct 15 j 09:30	30°♐♐			superior conj	-4345 Mar 18 j 13:58	23°♌18'42	-1°-10'-2	
evening set	-4348 Oct 15 j 21:52	29°♐42'59			minimum elong	-4345 Mar 18 j 21:58	23°♌43'16	1°09'59	
inferior conj	-4348 Oct 21 j 07:17	26°♐30'38	-3°-45'-46		max. Earth dist.	-4345 Mar 18 j 11:31	23°♌11'11	1.73680 AU	
minimum elong	-4348 Oct 21 j 15:09	26°♐18'35	3°43'26			-4345 Mar 24 j 00:46	0°♁		
min. Earth dist.	-4348 Oct 21 j 03:03	26°♐37'08	0.26404 AU			-4345 Apr 17 j 11:21	0°♎		
morning rise	-4348 Oct 27 j 08:46	22°♐58'06			asc. node	-4345 Apr 23 j 04:16	7°♎00'06		
asc. node	-4348 Nov 05 j 08:49	19°♐29'16			evening rise	-4345 Apr 23 j 18:41	7°♎44'22		
direct	-4348 Nov 10 j 13:15	18°♐55'39			greatest brilliancy	-4345 Apr 23 j 22:17	7°♎55'23	-3.9m	
greatest brilliancy	-4348 Nov 22 j 03:39	21°♐28'47	-4.7m			-4345 May 11 j 21:50	0°♈		
	-4348 Dec 06 j 11:53	0°♄				-4345 Jun 05 j 08:25	0°♐		
morning max el	-4348 Dec 30 j 16:26	21°♄29'55	46°29'56			-4345 Jun 29 j 20:01	0°♍		
	-4347 Jan 08 j 00:43	0°♌				-4345 Jul 24 j 10:30	0°♌		
	-4347 Feb 04 j 14:46	0°♊			desc. node	-4345 Aug 13 j 00:31	23°♌40'37		
desc. node	-4347 Feb 25 j 07:46	23°♊34'59				-4345 Aug 18 j 07:01	0°♐		
	-4347 Mar 02 j 21:03	0°♏				-4345 Sep 12 j 15:16	0°♄		
	-4347 Mar 28 j 12:11	0°♌				-4345 Oct 09 j 01:11	0°♌		

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 12

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4345 Oct 23 j 04:32	15° \mathbb{M} 01'31	47°24'58	asc. node	-4342 May 20 j 16:44	22° Υ 34'41	
	-4345 Nov 07 j 17:53	0° \mathcal{X}		max. Earth dist.	-4342 May 20 j 18:27	22° Υ 39'59	1.73260 AU
greatest brilliancy	-4345 Nov 29 j 09:35	15° \mathcal{X} 29'31	-4.6m				
asc. node	-4345 Dec 03 j 20:18	17° \mathcal{X} 22'10		superior conj	-4342 May 24 j 08:32	27° Υ 05'34	0°08'36
retrograde	-4345 Dec 13 j 07:14	19° \mathcal{X} 06'23		minimum elong	-4342 May 24 j 06:50	27° Υ 00'19	0°08'36
evening set	-4345 Dec 29 j 05:29	14° \mathcal{X} 00'53		behind sun begin	-4342 May 23 j 12:05	26° Υ 02'25	
min. Earth dist.	-4344 Jan 02 j 07:34	11° \mathcal{X} 29'24	0.28013 AU	behind sun end	-4342 May 25 j 01:36	27° Υ 58'15	
inferior conj	-4344 Jan 03 j 08:32	10° \mathcal{X} 49'32	6°31'18		-4342 May 26 j 17:02	0° \mathcal{B}	
minimum elong	-4344 Jan 02 j 23:28	11° \mathcal{X} 04'01	6°29'24		-4342 Jun 19 j 22:16	0° \mathbb{I}	
morning rise	-4344 Jan 07 j 18:04	8° \mathcal{X} 05'12		evening rise	-4342 Jun 29 j 02:28	11° \mathbb{I} 24'26	
direct	-4344 Jan 24 j 05:09	2° \mathcal{X} 46'25			-4342 Jul 14 j 00:52	0° \mathcal{E}	
greatest brilliancy	-4344 Feb 03 j 22:14	4° \mathcal{X} 52'03	-4.5m		-4342 Aug 07 j 02:34	0° \mathcal{Q}	
	-4344 Mar 10 j 01:14	0° \mathcal{Z}			-4342 Aug 31 j 05:28	0° \mathbb{M}	
morning max el	-4344 Mar 13 j 01:10	2° \mathcal{Z} 49'46	45°55'31	desc. node	-4342 Sep 09 j 12:50	11° \mathbb{M} 32'07	
desc. node	-4344 Mar 24 j 19:15	14° \mathcal{Z} 28'00			-4342 Sep 24 j 11:37	0° \mathcal{L}	
	-4344 Apr 08 j 13:57	0° \approx			-4342 Oct 18 j 23:32	0° \mathbb{M}	
	-4344 May 05 j 12:59	0° \mathcal{H}			-4342 Nov 12 j 22:06	0° \mathcal{X}	
	-4344 May 31 j 07:58	0° Υ			-4342 Dec 08 j 19:49	0° \mathcal{Z}	
	-4344 Jun 25 j 08:56	0° \mathcal{B}		asc. node	-4342 Dec 31 j 07:49	24° \mathcal{Z} 06'55	
asc. node	-4344 Jul 15 j 15:02	24° \mathcal{B} 46'37		evening max el	-4341 Jan 02 j 01:04	25° \mathcal{Z} 50'17	46°02'31
	-4344 Jul 19 j 20:31	0° \mathbb{I}			-4341 Jan 06 j 07:06	0° \approx	
greatest brilliancy	-4344 Aug 06 j 09:14	21° \mathbb{I} 48'12	-3.9m	greatest brilliancy	-4341 Feb 05 j 09:57	23° \approx 14'22	-4.5m
	-4344 Aug 12 j 22:19	0° \mathcal{E}		retrograde	-4341 Feb 20 j 12:10	27° \approx 15'41	
	-4344 Sep 05 j 18:12	0° \mathcal{Q}		evening set	-4341 Mar 09 j 19:15	21° \approx 28'59	
morning set	-4344 Sep 06 j 12:43	0° \mathcal{Q} 58'28		inferior conj	-4341 Mar 13 j 22:22	18° \approx 54'10	7°16'47
	-4344 Sep 29 j 12:02	0° \mathbb{M}		minimum elong	-4341 Mar 14 j 05:45	18° \approx 42'27	7°15'42
				min. Earth dist.	-4341 Mar 14 j 06:06	18° \approx 41'53	0.29384 AU
superior conj	-4344 Oct 17 j 05:34	22° \mathbb{M} 22'25	0°40'51	morning rise	-4341 Mar 18 j 16:19	15° \approx 57'18	
minimum elong	-4344 Oct 17 j 15:25	22° \mathbb{M} 53'28	0°40'29	direct	-4341 Apr 04 j 16:27	10° \approx 26'51	
max. Earth dist.	-4344 Oct 20 j 22:42	27° \mathbb{M} 03'06	1.70965 AU	greatest brilliancy	-4341 Apr 17 j 19:23	13° \approx 28'32	-4.5m
	-4344 Oct 23 j 06:54	0° \mathcal{L}		desc. node	-4341 Apr 22 j 06:31	15° \approx 39'21	
desc. node	-4344 Nov 04 j 11:41	15° \mathcal{L} 19'52			-4341 May 12 j 06:08	0° \mathcal{H}	
	-4344 Nov 16 j 04:31	0° \mathbb{M}		morning max el	-4341 May 23 j 15:51	10° \mathcal{H} 22'12	45°53'16
evening rise	-4344 Nov 28 j 21:38	15° \mathbb{M} 53'14			-4341 Jun 12 j 00:01	0° Υ	
	-4344 Dec 10 j 05:29	0° \mathcal{X}			-4341 Jul 08 j 23:38	0° \mathcal{B}	
	-4343 Jan 03 j 10:19	0° \mathcal{Z}			-4341 Aug 03 j 10:16	0° \mathbb{I}	
	-4343 Jan 27 j 20:26	0° \approx		asc. node	-4341 Aug 13 j 02:51	11° \mathbb{I} 44'16	
	-4343 Feb 21 j 14:35	0° \mathcal{H}			-4341 Aug 27 j 23:54	0° \mathcal{E}	
asc. node	-4343 Feb 25 j 05:32	4° \mathcal{H} 20'39			-4341 Sep 21 j 01:34	0° \mathcal{Q}	
	-4343 Mar 18 j 20:58	0° Υ			-4341 Oct 14 j 22:03	0° \mathbb{M}	
	-4343 Apr 13 j 22:34	0° \mathcal{B}			-4341 Nov 07 j 18:15	0° \mathcal{L}	
	-4343 May 11 j 11:34	0° \mathbb{I}		morning set	-4341 Nov 23 j 09:23	19° \mathcal{L} 36'17	
evening max el	-4343 May 26 j 21:25	15° \mathbb{I} 27'54	45°45'06		-4341 Dec 01 j 16:51	0° \mathbb{M}	
	-4343 Jun 12 j 05:52	0° \mathcal{E}		desc. node	-4341 Dec 03 j 00:01	1° \mathbb{M} 37'21	
desc. node	-4343 Jun 17 j 03:16	3° \mathcal{E} 46'41			-4341 Dec 25 j 18:36	0° \mathcal{X}	
greatest brilliancy	-4343 Jul 04 j 06:58	13° \mathcal{E} 37'06	-4.6m				
retrograde	-4343 Jul 15 j 03:29	15° \mathcal{E} 44'19		superior conj	-4340 Jan 04 j 04:28	11° \mathcal{X} 41'09	-1°-5'-7
evening set	-4343 Aug 01 j 14:37	10° \mathcal{E} 04'22		minimum elong	-4340 Jan 03 j 17:53	11° \mathcal{X} 08'18	1°05'00
inferior conj	-4343 Aug 05 j 01:16	8° \mathcal{E} 01'41	-8°-40'-29	max. Earth dist.	-4340 Jan 08 j 02:58	16° \mathcal{X} 34'10	1.72462 AU
minimum elong	-4343 Aug 04 j 20:22	8° \mathcal{E} 09'05	8°39'57		-4340 Jan 18 j 23:17	0° \mathcal{Z}	
min. Earth dist.	-4343 Aug 05 j 08:52	7° \mathcal{E} 50'14	0.27285 AU	evening rise	-4340 Feb 12 j 09:07	0° \approx 07'15	
morning rise	-4343 Aug 08 j 01:56	6° \mathcal{E} 13'08			-4340 Feb 12 j 06:45	0° \approx	
direct	-4343 Aug 25 j 21:44	0° \mathcal{E} 13'41			-4340 Mar 07 j 17:27	0° \mathcal{H}	
greatest brilliancy	-4343 Sep 08 j 14:55	3° \mathcal{E} 39'51	-4.7m	asc. node	-4340 Mar 24 j 17:57	20° \mathcal{H} 46'16	
asc. node	-4343 Oct 07 j 23:47	26° \mathcal{E} 01'41			-4340 Apr 01 j 08:11	0° Υ	
	-4343 Oct 12 j 01:02	0° \mathcal{Q}			-4340 Apr 26 j 04:01	0° \mathcal{B}	
morning max el	-4343 Oct 15 j 17:13	3° \mathcal{Q} 42'52	46°51'59		-4340 May 21 j 06:41	0° \mathbb{I}	
	-4343 Nov 08 j 20:29	0° \mathbb{M}			-4340 Jun 15 j 19:57	0° \mathcal{E}	
	-4343 Dec 04 j 14:21	0° \mathcal{L}			-4340 Jul 12 j 05:05	0° \mathcal{Q}	
	-4343 Dec 29 j 16:56	0° \mathbb{M}		desc. node	-4340 Jul 14 j 14:41	2° \mathcal{Q} 39'13	
	-4342 Jan 23 j 14:44	0° \mathcal{X}		evening max el	-4340 Aug 08 j 19:27	29° \mathcal{Q} 13'47	47°14'03
desc. node	-4342 Jan 27 j 22:08	5° \mathcal{X} 12'04			-4340 Aug 09 j 14:07	0° \mathbb{M}	
	-4342 Feb 17 j 10:37	0° \mathcal{Z}		greatest brilliancy	-4340 Sep 17 j 05:56	29° \mathbb{M} 30'22	-4.7m
	-4342 Mar 14 j 04:35	0° \approx			-4340 Sep 18 j 13:49	0° \mathcal{L}	
	-4342 Apr 07 j 20:01	0° \mathcal{H}		retrograde	-4340 Sep 28 j 06:56	1° \mathcal{L} 46'43	
morning set	-4342 Apr 18 j 14:04	13° \mathcal{H} 08'10			-4340 Oct 07 j 14:17	30° \mathcal{R} \mathbb{M}	
	-4342 May 02 j 08:18	0° Υ		evening set	-4340 Oct 13 j 12:57	27° \mathbb{M} 10'10	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4340 Oct 18 j 19:38	24° \cap 01'37	-4°-7'-47	max. Earth dist.	-4337 Mar 16 j 07:17	21° \approx 11'56	1.73665 AU
minimum elong	-4340 Oct 19 j 04:06	23° \cap 48'37	4°05'20		-4337 Mar 23 j 11:24	0° H	
min. Earth dist.	-4340 Oct 18 j 16:39	24° \cap 06'10	0.26392 AU		-4337 Apr 16 j 22:02	0° Υ	
morning rise	-4340 Oct 24 j 19:32	20° \cap 31'01		evening rise	-4337 Apr 21 j 14:08	5° Υ 43'53	
asc. node	-4340 Nov 04 j 10:59	16° \cap 43'22		asc. node	-4337 Apr 22 j 06:26	6° Υ 33'53	
direct	-4340 Nov 08 j 01:39	16° \cap 27'11		greatest brilliancy	-4337 Apr 23 j 15:12	8° Υ 14'26	-3.9m
greatest brilliancy	-4340 Nov 19 j 17:06	19° \cap 01'07	-4.7m		-4337 May 11 j 08:41	0° B	
	-4340 Dec 07 j 05:25	0° $\underline{\text{A}}$			-4337 Jun 04 j 19:35	0° Π	
morning max el	-4340 Dec 28 j 05:08	19° $\underline{\text{A}}$ 04'32	46°31'10		-4337 Jun 29 j 07:39	0° S	
	-4339 Jan 07 j 20:38	0° M			-4337 Jul 23 j 22:47	0° Ω	
	-4339 Feb 04 j 06:00	0° J		desc. node	-4337 Aug 12 j 02:40	23° Ω 07'57	
desc. node	-4339 Feb 24 j 09:56	23° J 02'05			-4337 Aug 17 j 20:18	0° \cap	
	-4339 Mar 02 j 10:16	0° Z			-4337 Sep 12 j 06:13	0° $\underline{\text{A}}$	
	-4339 Mar 28 j 00:19	0° \approx			-4337 Oct 08 j 19:41	0° M	
	-4339 Apr 22 j 04:34	0° H		evening max el	-4337 Oct 20 j 19:09	12° M 39'43	47°26'44
	-4339 May 17 j 00:29	0° Υ			-4337 Nov 08 j 01:25	0° J	
	-4339 Jun 10 j 12:38	0° B		greatest brilliancy	-4337 Nov 27 j 02:37	13° J 12'09	-4.7m
asc. node	-4339 Jun 17 j 04:58	8° B 14'38		asc. node	-4337 Dec 02 j 22:27	15° J 31'54	
morning set	-4339 Jun 24 j 14:20	17° B 23'39		retrograde	-4337 Dec 10 j 22:57	16° J 48'09	
	-4339 Jul 04 j 17:45	0° Π		evening set	-4337 Dec 26 j 18:04	11° J 46'51	
max. Earth dist.	-4339 Jul 27 j 23:32	29° Π 04'01	1.71578 AU	min. Earth dist.	-4337 Dec 30 j 22:33	9° J 12'21	0.27934 AU
	-4339 Jul 28 j 17:23	0° S		inferior conj	-4337 Dec 31 j 23:50	8° J 32'06	6°18'16
				minimum elong	-4337 Dec 31 j 14:38	8° J 46'45	6°16'14
superior conj	-4339 Jul 31 j 16:58	3° S 44'43	1°19'42	morning rise	-4336 Jan 05 j 11:48	5° J 44'31	
minimum elong	-4339 Jul 31 j 11:19	3° S 26'56	1°19'50	direct	-4336 Jan 21 j 19:08	0° J 30'01	
	-4339 Aug 21 j 13:56	0° Ω		greatest brilliancy	-4336 Feb 01 j 12:54	2° J 36'31	-4.5m
evening rise	-4339 Sep 08 j 16:07	22° Ω 46'22			-4336 Mar 10 j 00:42	0° Z	
	-4339 Sep 14 j 10:01	0° \cap		morning max el	-4336 Mar 10 j 16:26	0° Z 37'30	45°56'29
desc. node	-4339 Oct 07 j 01:20	28° \cap 24'51		desc. node	-4336 Mar 23 j 21:27	13° Z 45'46	
	-4339 Oct 08 j 07:44	0° $\underline{\text{A}}$			-4336 Apr 08 j 05:51	0° \approx	
	-4339 Nov 01 j 08:29	0° M			-4336 May 05 j 02:18	0° H	
	-4339 Nov 25 j 13:39	0° J			-4336 May 30 j 20:05	0° Υ	
	-4339 Dec 20 j 02:01	0° Z			-4336 Jun 24 j 20:26	0° B	
	-4338 Jan 14 j 03:22	0° \approx		asc. node	-4336 Jul 14 j 17:06	24° B 18'18	
asc. node	-4338 Jan 27 j 19:30	15° \approx 55'42			-4336 Jul 19 j 07:43	0° Π	
	-4338 Feb 09 j 05:34	0° H		greatest brilliancy	-4336 Aug 07 j 19:10	24° Π 14'45	-3.9m
	-4338 Mar 09 j 14:24	0° Υ			-4336 Aug 12 j 09:22	0° S	
evening max el	-4338 Mar 13 j 21:03	4° Υ 08'37	45°06'48	morning set	-4336 Sep 04 j 01:07	28° S 31'23	
	-4338 Apr 17 j 07:51	0° B			-4336 Sep 05 j 05:12	0° Ω	
greatest brilliancy	-4338 Apr 17 j 13:03	0° B 05'46	-4.5m		-4336 Sep 28 j 23:02	0° \cap	
retrograde	-4338 May 01 j 00:02	3° B 14'38					
	-4338 May 14 j 00:50	30° R Υ		superior conj	-4336 Oct 14 j 14:34	19° \cap 44'44	0°44'19
evening set	-4338 May 15 j 21:59	29° Υ 02'55		minimum elong	-4336 Oct 15 j 00:57	20° \cap 17'29	0°43'56
desc. node	-4338 May 19 j 17:53	26° Υ 52'13		max. Earth dist.	-4336 Oct 18 j 04:22	24° \cap 15'04	1.70944 AU
inferior conj	-4338 May 22 j 09:21	25° Υ 15'24	0°-36'-57		-4336 Oct 22 j 17:57	0° $\underline{\text{A}}$	
minimum elong	-4338 May 22 j 07:59	25° Υ 17'30	0°36'30	desc. node	-4336 Nov 03 j 13:43	14° $\underline{\text{A}}$ 51'32	
min. Earth dist.	-4338 May 23 j 00:48	24° Υ 51'35	0.28585 AU		-4336 Nov 15 j 15:37	0° M	
morning rise	-4338 May 28 j 17:07	21° Υ 30'05		evening rise	-4336 Nov 26 j 07:04	13° M 18'17	
direct	-4338 Jun 13 j 01:16	17° Υ 01'20			-4336 Dec 09 j 16:37	0° J	
greatest brilliancy	-4338 Jun 27 j 18:36	20° Υ 46'30	-4.5m		-4335 Jan 02 j 21:31	0° Z	
	-4338 Jul 12 j 06:56	0° B			-4335 Jan 27 j 07:48	0° \approx	
morning max el	-4338 Aug 01 j 18:37	18° B 13'07	46°25'25		-4335 Feb 21 j 02:21	0° H	
	-4338 Aug 13 j 06:02	0° Π		asc. node	-4335 Feb 24 j 07:49	3° H 52'01	
	-4338 Sep 09 j 01:04	0° S			-4335 Mar 18 j 09:37	0° Υ	
asc. node	-4338 Sep 09 j 14:40	0° S 39'40			-4335 Apr 13 j 13:01	0° B	
	-4338 Oct 04 j 04:01	0° Ω			-4335 May 11 j 06:18	0° Π	
	-4338 Oct 28 j 14:08	0° \cap		evening max el	-4335 May 24 j 12:06	13° Π 12'16	45°42'22
	-4338 Nov 21 j 18:40	0° $\underline{\text{A}}$			-4335 Jun 12 j 18:34	0° S	
	-4338 Dec 15 j 23:18	0° M		desc. node	-4335 Jun 16 j 05:17	2° S 32'54	
desc. node	-4338 Dec 30 j 12:13	17° M 58'27		greatest brilliancy	-4335 Jul 01 j 16:40	11° S 12'12	-4.5m
	-4337 Jan 09 j 06:05	0° J		retrograde	-4335 Jul 12 j 16:37	13° S 21'52	
	-4337 Feb 02 j 14:55	0° Z		evening set	-4335 Jul 29 j 23:56	7° S 46'50	
morning set	-4337 Feb 06 j 18:18	5° Z 05'31		inferior conj	-4335 Aug 02 j 14:14	5° S 38'42	-8°-34'-11
	-4337 Feb 27 j 00:55	0° \approx		minimum elong	-4335 Aug 02 j 08:31	5° S 47'19	8°33'31
				min. Earth dist.	-4335 Aug 02 j 21:09	5° S 28'15	0.27330 AU
superior conj	-4337 Mar 16 j 08:06	21° \approx 14'27	-1°-11'-40	morning rise	-4335 Aug 05 j 16:56	3° S 47'10	
minimum elong	-4337 Mar 16 j 15:52	21° \approx 38'17	1°11'38		-4335 Aug 13 j 03:11	30° R Π	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4335 Aug 23 j 12:07	27° Π 50'08			-4332 Feb 11 j 17:48	0° \approx	
	-4335 Sep 03 j 05:46	0° ☿			-4332 Mar 07 j 04:36	0° ✕	
greatest brilliancy	-4335 Sep 06 j 05:26	1° ☿ 16'51	-4.7m	asc. node	-4332 Mar 23 j 20:06	20° ✕ 18'26	
asc. node	-4335 Oct 07 j 01:55	25° ☿ 04'37			-4332 Mar 31 j 19:35	0° ☿	
	-4335 Oct 12 j 00:32	0° Ω			-4332 Apr 25 j 15:54	0° ✕	
morning max el	-4335 Oct 13 j 07:30	1° Ω 18'55	46°51'45		-4332 May 20 j 19:24	0° Π	
	-4335 Nov 08 j 13:08	0° ☿			-4332 Jun 15 j 10:07	0° ☿	
	-4335 Dec 04 j 04:32	0° ☿			-4332 Jul 11 j 22:07	0° Ω	
	-4335 Dec 29 j 05:50	0° ☿		desc. node	-4332 Jul 13 j 16:52	1° Ω 57'30	
	-4334 Jan 23 j 02:50	0° ✕		evening max el	-4332 Aug 06 j 08:09	26° Ω 47'10	47°11'23
desc. node	-4334 Jan 27 j 00:15	4° ✕ 42'12			-4332 Aug 09 j 14:49	0° ☿	
	-4334 Feb 16 j 22:09	0° ☿		greatest brilliancy	-4332 Sep 14 j 21:11	27° ☿ 03'05	-4.7m
	-4334 Mar 13 j 15:43	0° \approx		retrograde	-4332 Sep 25 j 18:28	29° ☿ 15'49	
	-4334 Apr 07 j 06:53	0° ✕		evening set	-4332 Oct 11 j 03:58	24° ☿ 36'05	
morning set	-4334 Apr 16 j 09:12	11° ✕ 06'53		inferior conj	-4332 Oct 16 j 07:50	21° ☿ 31'41	-4°-29'-27
	-4334 May 01 j 19:03	0° ☿		minimum elong	-4332 Oct 16 j 16:51	21° ☿ 17'51	4°26'53
max. Earth dist.	-4334 May 18 j 16:02	20° ☿ 45'30	1.73299 AU	min. Earth dist.	-4332 Oct 16 j 06:22	21° ☿ 33'55	0.26391 AU
asc. node	-4334 May 19 j 18:48	22° ☿ 08'02		morning rise	-4332 Oct 22 j 05:53	18° ☿ 03'18	
				asc. node	-4332 Nov 03 j 13:06	14° ☿ 02'22	
superior conj	-4334 May 22 j 03:38	25° ☿ 03'18	0°05'35	direct	-4332 Nov 05 j 13:31	13° ☿ 57'21	
minimum elong	-4334 May 22 j 02:32	24° ☿ 59'52	0°05'36	greatest brilliancy	-4332 Nov 17 j 07:37	16° ☿ 33'29	-4.7m
behind sun begin	-4334 May 21 j 05:42	23° ☿ 55'36			-4332 Dec 07 j 19:00	0° ☿	
behind sun end	-4334 May 22 j 23:22	26° ☿ 04'09		morning max el	-4332 Dec 25 j 17:13	16° ☿ 36'19	46°32'26
	-4334 May 26 j 03:46	0° ✕			-4331 Jan 07 j 16:20	0° ☿	
	-4334 Jun 19 j 09:06	0° Π			-4331 Feb 03 j 21:20	0° ✕	
evening rise	-4334 Jun 26 j 20:46	9° Π 18'08		desc. node	-4331 Feb 23 j 12:10	22° ✕ 28'44	
	-4334 Jul 13 j 11:55	0° ☿			-4331 Mar 01 j 23:38	0° ☿	
	-4334 Aug 06 j 13:54	0° Ω			-4331 Mar 27 j 12:37	0° \approx	
	-4334 Aug 30 j 17:10	0° ☿			-4331 Apr 21 j 16:15	0° ✕	
desc. node	-4334 Sep 08 j 15:01	11° ☿ 02'14			-4331 May 16 j 11:47	0° ☿	
	-4334 Sep 23 j 23:47	0° ☿			-4331 Jun 09 j 23:44	0° ✕	
	-4334 Oct 18 j 12:20	0° ☿		asc. node	-4331 Jun 16 j 07:06	7° ✕ 47'00	
	-4334 Nov 12 j 11:59	0° ✕		morning set	-4331 Jun 22 j 07:45	15° ✕ 14'36	
	-4334 Dec 08 j 12:03	0° ☿			-4331 Jul 04 j 04:46	0° Π	
asc. node	-4334 Dec 30 j 09:55	23° ☿ 19'09		max. Earth dist.	-4331 Jul 25 j 13:41	26° Π 43'09	1.71635 AU
evening max el	-4334 Dec 30 j 17:12	23° ☿ 37'21	46°05'27		-4331 Jul 28 j 04:26	0° ☿	
	-4333 Jan 06 j 06:50	0° \approx					
greatest brilliancy	-4333 Feb 03 j 04:28	21° \approx 08'12	-4.5m	superior conj	-4331 Jul 29 j 08:36	1° ☿ 28'22	1°18'34
retrograde	-4333 Feb 18 j 05:17	25° \approx 07'52		minimum elong	-4331 Jul 29 j 02:22	1° ☿ 08'50	1°18'40
evening set	-4333 Mar 07 j 14:21	19° \approx 18'09			-4331 Aug 21 j 01:05	0° Ω	
inferior conj	-4333 Mar 11 j 15:23	16° \approx 46'02	7°25'23	evening rise	-4331 Sep 06 j 03:33	20° Ω 16'00	
minimum elong	-4333 Mar 11 j 22:21	16° \approx 34'56	7°24'24		-4331 Sep 13 j 21:19	0° ☿	
min. Earth dist.	-4333 Mar 11 j 21:51	16° \approx 35'43	0.29376 AU	desc. node	-4331 Oct 06 j 03:22	27° ☿ 55'20	
morning rise	-4333 Mar 16 j 06:29	13° \approx 53'05			-4331 Oct 07 j 19:12	0° ☿	
direct	-4333 Apr 02 j 09:33	8° \approx 19'09			-4331 Oct 31 j 20:10	0° ☿	
greatest brilliancy	-4333 Apr 15 j 08:23	11° \approx 16'39	-4.5m		-4331 Nov 25 j 01:38	0° ✕	
desc. node	-4333 Apr 21 j 08:35	14° \approx 18'06			-4331 Dec 19 j 14:28	0° ☿	
	-4333 May 12 j 09:42	0° ✕			-4330 Jan 13 j 16:45	0° \approx	
morning max el	-4333 May 21 j 07:43	8° ✕ 12'22	45°52'42	asc. node	-4330 Jan 26 j 21:47	15° \approx 21'23	
	-4333 Jun 11 j 16:55	0° ☿			-4330 Feb 08 j 21:01	0° ✕	
	-4333 Jul 08 j 13:31	0° ✕			-4330 Mar 09 j 11:53	0° ☿	
	-4333 Aug 02 j 22:50	0° Π		evening max el	-4330 Mar 11 j 11:27	1° ☿ 54'17	45°07'20
asc. node	-4333 Aug 12 j 05:08	11° Π 13'45		greatest brilliancy	-4330 Apr 15 j 01:21	27° ☿ 51'18	-4.5m
	-4333 Aug 27 j 11:51	0° ☿			-4330 Apr 21 j 00:15	0° ✕	
	-4333 Sep 20 j 13:12	0° Ω		retrograde	-4330 Apr 28 j 15:36	1° ✕ 04'05	
	-4333 Oct 14 j 09:31	0° ☿			-4330 May 06 j 01:05	30° ☿	
	-4333 Nov 07 j 05:36	0° ☿		evening set	-4330 May 13 j 14:05	26° ☿ 50'42	
morning set	-4333 Nov 20 j 19:03	17° ☿ 00'59		desc. node	-4330 May 18 j 19:58	23° ☿ 48'23	
	-4333 Dec 01 j 04:05	0° ☿		inferior conj	-4330 May 20 j 00:58	23° ☿ 03'51	0°-16'-51
desc. node	-4333 Dec 02 j 02:03	1° ☿ 08'39		minimum elong	-4330 May 20 j 00:20	23° ☿ 04'48	0°16'37
	-4333 Dec 25 j 05:43	0° ✕		min. Earth dist.	-4330 May 20 j 16:59	22° ☿ 39'11	0.28630 AU
				morning rise	-4330 May 26 j 09:44	19° ☿ 17'10	
superior conj	-4332 Jan 01 j 16:11	9° ✕ 14'08	-1°-2'-45	direct	-4330 Jun 10 j 17:00	14° ☿ 48'41	
minimum elong	-4332 Jan 01 j 05:22	8° ✕ 40'34	1°02'36	greatest brilliancy	-4330 Jun 25 j 12:07	18° ☿ 35'48	-4.5m
max. Earth dist.	-4332 Jan 05 j 20:22	14° ✕ 24'53	1.72403 AU		-4330 Jul 12 j 18:43	0° ✕	
	-4332 Jan 18 j 10:19	0° ☿		morning max el	-4330 Jul 30 j 10:07	15° ✕ 57'23	46°24'20
evening rise	-4332 Feb 10 j 00:17	27° ☿ 52'14			-4330 Aug 13 j 00:48	0° Π	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node

asc. node	-4330 Sep 08 j 16:46	0°☾02'13				-4327 Feb 20 j 14:30	0°♄		
	-4330 Sep 08 j 16:00	0°☾				asc. node	-4327 Feb 23 j 09:51	3°♄21'33	
	-4330 Oct 03 j 17:23	0°♊					-4327 Mar 17 j 22:44	0°♊	
	-4330 Oct 28 j 02:41	0°♋					-4327 Apr 13 j 04:05	0°♋	
	-4330 Nov 21 j 06:43	0°♌					-4327 May 11 j 02:03	0°♌	
desc. node	-4330 Dec 15 j 11:01	0°♍				evening max el	-4327 May 22 j 02:48	10°♍55'34	45°39'44
	-4330 Dec 29 j 14:23	17°♍29'20					-4327 Jun 13 j 12:10	0°☾	
	-4329 Jan 08 j 17:34	0°♎				desc. node	-4327 Jun 15 j 07:29	1°☾15'59	
morning set	-4329 Feb 02 j 02:11	0°♏				greatest brilliancy	-4327 Jun 29 j 03:25	8°☾47'30	-4.5m
	-4329 Feb 04 j 08:42	2°♏47'40				retrograde	-4327 Jul 10 j 05:22	10°☾58'15	
	-4329 Feb 26 j 12:01	0°♐				evening set	-4327 Jul 27 j 09:07	5°☾28'41	
superior conj	-4329 Mar 14 j 01:40	19°♐07'09	-1°-13'-14			inferior conj	-4327 Jul 31 j 03:10	3°☾14'49	-8°-27'-2
minimum elong	-4329 Mar 14 j 09:07	19°♐30'03	1°13'13			minimum elong	-4327 Jul 30 j 20:42	3°☾24'35	8°26'14
max. Earth dist.	-4329 Mar 14 j 02:57	19°♐11'08	1.73648 AU			min. Earth dist.	-4327 Jul 31 j 09:43	3°☾04'55	0.27373 AU
evening rise	-4329 Mar 22 j 22:25	0°♑				morning rise	-4327 Aug 03 j 08:10	1°☾19'44	
	-4329 Apr 16 j 09:05	0°♊					-4327 Aug 05 j 16:28	30°♊	
	-4329 Apr 19 j 09:09	3°♊41'01				direct	-4327 Aug 21 j 02:15	25°♊25'42	
	-4329 Apr 21 j 08:27	6°♊06'03				greatest brilliancy	-4327 Sep 03 j 19:17	28°♊51'52	-4.7m
	-4329 Apr 23 j 07:52	8°♊31'31	-3.9m				-4327 Sep 06 j 01:37	0°☾	
asc. node	-4329 May 10 j 19:56	0°♋				asc. node	-4327 Oct 06 j 04:00	24°☾07'32	
greatest brilliancy	-4329 May 10 j 19:56	0°♋				morning max el	-4327 Oct 10 j 20:58	28°☾51'52	46°51'34
desc. node	-4329 Jun 04 j 07:11	0°♌					-4327 Oct 11 j 23:29	0°♊	
	-4329 Jun 28 j 19:43	0°☾					-4327 Nov 08 j 05:49	0°♋	
	-4329 Jul 23 j 11:31	0°♋					-4327 Dec 03 j 18:50	0°♌	
	-4329 Aug 11 j 04:52	22°♋34'13					-4327 Dec 28 j 18:52	0°♍	
	-4329 Aug 17 j 10:01	0°♍					-4326 Jan 22 j 15:04	0°♎	
evening max el	-4329 Sep 11 j 21:39	0°♎				desc. node	-4326 Jan 26 j 02:28	4°♎12'14	
	-4329 Oct 08 j 14:54	0°♏					-4326 Feb 16 j 09:49	0°♏	
	-4329 Oct 18 j 10:28	10°♏19'13	47°28'28				-4326 Mar 13 j 03:02	0°♐	
	-4329 Nov 08 j 11:59	0°♐					-4326 Apr 06 j 17:59	0°♑	
	-4329 Nov 24 j 19:00	10°♐53'13	-4.7m			morning set	-4326 Apr 14 j 04:14	9°♑04'32	
greatest brilliancy	-4329 Nov 24 j 19:00	10°♐53'13	-4.7m				-4326 May 01 j 06:03	0°♊	
asc. node	-4329 Dec 02 j 00:33	13°♐36'30					-4326 May 16 j 11:42	18°♊44'24	1.73339 AU
retrograde	-4329 Dec 08 j 15:02	14°♐28'54				max. Earth dist.	-4326 May 16 j 11:42	18°♊44'24	1.73339 AU
evening set	-4329 Dec 24 j 06:43	9°♐31'33				asc. node	-4326 May 18 j 20:56	21°♊40'44	
min. Earth dist.	-4329 Dec 28 j 13:12	6°♐54'28	0.27860 AU						
inferior conj	-4329 Dec 29 j 15:04	6°♐13'24	6°04'25			superior conj	-4326 May 19 j 22:34	22°♊59'45	0°02'32
minimum elong	-4329 Dec 29 j 05:49	6°♐28'07	6°02'18			minimum elong	-4326 May 19 j 22:04	22°♊58'12	0°02'35
morning rise	-4328 Jan 03 j 05:35	3°♐22'35				behind sun begin	-4326 May 19 j 00:15	21°♊50'57	
direct	-4328 Jan 10 j 01:28	30°♑				behind sun end	-4326 May 20 j 19:53	24°♊05'29	
	-4328 Jan 19 j 09:41	28°♑12'24					-4326 May 25 j 14:46	0°♋	
	-4328 Jan 29 j 05:46	0°♎					-4326 Jun 18 j 20:12	0°♌	
	-4328 Jan 30 j 03:00	0°♎19'09	-4.5m			evening rise	-4326 Jun 24 j 14:52	7°♌10'34	
	-4328 Mar 08 j 08:20	28°♎25'24	45°57'15				-4326 Jul 12 j 23:13	0°☾	
desc. node	-4328 Mar 09 j 23:42	0°♏					-4326 Aug 06 j 01:30	0°♊	
	-4328 Mar 22 j 23:29	13°♏02'17					-4326 Aug 30 j 05:09	0°♋	
	-4328 Apr 07 j 21:59	0°♐				desc. node	-4326 Sep 07 j 17:00	10°♋30'54	
	-4328 May 04 j 15:58	0°♑					-4326 Sep 23 j 12:15	0°♌	
	-4328 May 30 j 08:33	0°♊					-4326 Oct 18 j 01:26	0°♍	
asc. node	-4328 Jun 24 j 08:18	0°♋					-4326 Nov 12 j 02:11	0°♎	
greatest brilliancy	-4328 Jul 13 j 19:19	23°♌49'22					-4326 Dec 08 j 04:42	0°♏	
	-4328 Jul 18 j 19:16	0°♌				evening max el	-4326 Dec 28 j 08:35	21°♏22'08	46°08'34
	-4328 Aug 08 j 18:53	26°♌08'24	-3.9m			asc. node	-4326 Dec 29 j 12:11	22°♏30'51	
morning set	-4328 Aug 11 j 20:47	0°☾					-4325 Jan 06 j 07:45	0°♐	
	-4328 Sep 01 j 13:38	26°☾03'35				greatest brilliancy	-4325 Jan 31 j 22:51	19°♐01'51	-4.5m
	-4328 Sep 04 j 16:33	0°♊				retrograde	-4325 Feb 15 j 22:16	23°♐00'31	
superior conj	-4328 Sep 28 j 10:23	0°♋				evening set	-4325 Mar 05 j 09:34	17°♐07'57	
						inferior conj	-4325 Mar 09 j 08:40	14°♐38'27	7°33'16
						minimum elong	-4325 Mar 09 j 15:12	14°♐28'02	7°32'24
						min. Earth dist.	-4325 Mar 09 j 14:06	14°♐29'47	0.29366 AU
						morning rise	-4325 Mar 13 j 20:57	11°♐49'18	
desc. node	-4328 Nov 02 j 15:48	14°♌22'29				direct	-4325 Mar 31 j 02:20	6°♐11'57	
evening rise	-4328 Nov 15 j 02:58	0°♍				greatest brilliancy	-4325 Apr 12 j 22:00	9°♐05'38	-4.5m
	-4328 Nov 23 j 16:44	10°♍43'16				desc. node	-4325 Apr 20 j 10:43	12°♐59'28	
	-4328 Dec 09 j 03:59	0°♎					-4325 May 12 j 11:49	0°♑	
	-4327 Jan 02 j 08:57	0°♏				morning max el	-4325 May 18 j 23:07	6°♑01'04	45°52'00
	-4327 Jan 26 j 19:27	0°♐					-4325 Jun 11 j 09:40	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4325 Aug 02 j 11:32	0°♊			-4322 Mar 09 j 09:52	0°♑	
asc. node	-4325 Aug 11 j 07:15	10°♊42'17		greatest brilliancy	-4322 Apr 12 j 13:55	25°♑38'43	-4.5m
	-4325 Aug 26 j 23:54	0°♊		retrograde	-4322 Apr 26 j 07:58	28°♑55'26	
	-4325 Sep 20 j 00:56	0°♋		evening set	-4322 May 11 j 06:43	24°♑40'22	
	-4325 Oct 13 j 21:04	0°♌		inferior conj	-4322 May 17 j 16:56	20°♑54'11	0°03'01
	-4325 Nov 06 j 17:02	0°♍		minimum elong	-4322 May 17 j 17:02	20°♑54'00	0°03'03
morning set	-4325 Nov 18 j 04:36	14°♍24'55		transit middle	-4322 May 17 j 17:02	20°♑54'00	0°03'03
	-4325 Nov 30 j 15:25	0°♎		transit begin	-4322 May 17 j 13:01	21°♑00'11	
desc. node	-4325 Dec 01 j 04:12	0°♎39'57		transit end	-4322 May 17 j 21:03	20°♑47'49	
	-4325 Dec 24 j 16:55	0°♏		desc. node	-4322 May 17 j 22:07	20°♑46'11	
				min. Earth dist.	-4322 May 18 j 09:05	20°♑29'18	0.28674 AU
superior conj	-4325 Dec 30 j 03:52	6°♏46'46	-1°00'-14	morning rise	-4322 May 24 j 02:34	17°♑06'28	
minimum elong	-4325 Dec 29 j 16:55	6°♏12'46	1°00'05	direct	-4322 Jun 08 j 09:29	12°♑38'09	
max. Earth dist.	-4324 Jan 03 j 11:52	12°♏09'31	1.72338 AU	greatest brilliancy	-4322 Jun 23 j 05:14	16°♑26'24	-4.5m
	-4324 Jan 17 j 21:25	0°♐			-4322 Jul 13 j 02:56	0°♐	
evening rise	-4324 Feb 07 j 15:31	25°♐37'16		morning max el	-4322 Jul 28 j 02:39	13°♐45'24	46°22'54
	-4324 Feb 11 j 04:52	0°♑			-4322 Aug 12 j 18:51	0°♊	
	-4324 Mar 06 j 15:44	0°♒		asc. node	-4322 Sep 07 j 18:49	29°♊25'23	
asc. node	-4324 Mar 22 j 22:09	19°♒50'24			-4322 Sep 08 j 06:37	0°♊	
	-4324 Mar 31 j 06:59	0°♑			-4322 Oct 03 j 06:33	0°♋	
	-4324 Apr 25 j 03:49	0°♒			-4322 Oct 27 j 15:04	0°♌	
	-4324 May 20 j 08:14	0°♊			-4322 Nov 20 j 18:36	0°♍	
	-4324 Jun 15 j 00:32	0°♊			-4322 Dec 14 j 22:34	0°♎	
desc. node	-4324 Jul 11 j 15:37	0°♋		desc. node	-4322 Dec 28 j 16:32	17°♎00'49	
evening max el	-4324 Jul 12 j 19:02	1°♋14'55			-4321 Jan 08 j 04:51	0°♏	
	-4324 Aug 03 j 20:01	24°♋18'18	47°08'43	morning set	-4321 Feb 01 j 22:54	0°♐29'45	
	-4324 Aug 09 j 16:55	0°♌			-4321 Feb 01 j 13:14	0°♐	
greatest brilliancy	-4324 Sep 12 j 12:07	24°♌35'09	-4.7m		-4321 Feb 25 j 22:54	0°♑	
retrograde	-4324 Sep 23 j 05:57	26°♌44'54					
evening set	-4324 Oct 08 j 19:01	22°♌01'25		superior conj	-4321 Mar 11 j 19:12	17°♑00'28	-1°-14'-42
inferior conj	-4324 Oct 13 j 19:58	19°♌01'33	-4°-50'-32	minimum elong	-4321 Mar 12 j 02:20	17°♑22'20	1°14'43
minimum elong	-4324 Oct 14 j 05:29	18°♌46'59	4°47'53	max. Earth dist.	-4321 Mar 11 j 23:45	17°♑14'26	1.73628 AU
min. Earth dist.	-4324 Oct 13 j 20:03	19°♌01'26	0.26394 AU		-4321 Mar 22 j 09:12	0°♒	
morning rise	-4324 Oct 19 j 15:59	15°♌35'55			-4321 Apr 15 j 19:53	0°♑	
asc. node	-4324 Nov 02 j 15:18	11°♌27'16		evening rise	-4321 Apr 17 j 04:22	1°♑39'35	
direct	-4324 Nov 03 j 01:06	11°♌27'03		asc. node	-4321 Apr 20 j 10:38	5°♑39'37	
greatest brilliancy	-4324 Nov 14 j 22:36	14°♌06'21	-4.7m	greatest brilliancy	-4321 Apr 23 j 10:27	9°♑19'50	-3.9m
	-4324 Dec 08 j 05:11	0°♍			-4321 May 10 j 06:54	0°♒	
morning max el	-4324 Dec 23 j 05:56	14°♍09'26	46°33'47		-4321 Jun 03 j 18:27	0°♊	
	-4323 Jan 07 j 11:28	0°♎			-4321 Jun 28 j 07:28	0°♊	
	-4323 Feb 03 j 12:25	0°♏			-4321 Jul 22 j 23:59	0°♋	
desc. node	-4323 Feb 22 j 14:07	21°♏54'56		desc. node	-4321 Aug 10 j 06:51	22°♋00'27	
	-4323 Mar 01 j 12:51	0°♐			-4321 Aug 16 j 23:36	0°♌	
	-4323 Mar 27 j 00:46	0°♑			-4321 Sep 11 j 13:08	0°♍	
	-4323 Apr 21 j 03:46	0°♒			-4321 Oct 08 j 10:34	0°♎	
	-4323 May 15 j 22:56	0°♑		evening max el	-4321 Oct 16 j 02:41	8°♎01'12	47°29'57
	-4323 Jun 09 j 10:41	0°♒			-4321 Nov 09 j 02:07	0°♏	
asc. node	-4323 Jun 15 j 09:18	7°♒19'57		greatest brilliancy	-4321 Nov 22 j 11:52	8°♏34'36	-4.7m
morning set	-4323 Jun 20 j 01:23	13°♒06'38		asc. node	-4321 Dec 01 j 02:46	11°♏36'11	
	-4323 Jul 03 j 15:42	0°♊		retrograde	-4321 Dec 06 j 07:06	12°♏08'45	
max. Earth dist.	-4323 Jul 23 j 04:39	24°♊25'05	1.71698 AU	evening set	-4321 Dec 21 j 19:09	7°♏15'36	
				min. Earth dist.	-4321 Dec 26 j 03:27	4°♏36'01	0.27780 AU
superior conj	-4323 Jul 27 j 00:14	29°♊12'16	1°17'19	inferior conj	-4321 Dec 27 j 05:58	3°♏54'01	5°49'46
minimum elong	-4323 Jul 26 j 17:29	28°♊51'06	1°17'23	minimum elong	-4321 Dec 26 j 20:42	4°♏08'42	5°47'34
	-4323 Jul 27 j 15:27	0°♊		morning rise	-4321 Dec 31 j 23:01	0°♏59'59	
	-4323 Aug 20 j 12:14	0°♋			-4320 Jan 02 j 17:38	30°♎	
evening rise	-4323 Sep 03 j 14:59	17°♋45'44		direct	-4320 Jan 17 j 00:13	25°♎54'27	
	-4323 Sep 13 j 08:36	0°♌		greatest brilliancy	-4320 Jan 27 j 15:47	28°♎00'16	-4.5m
desc. node	-4323 Oct 05 j 05:26	27°♌26'06			-4320 Feb 01 j 05:25	0°♏	
	-4323 Oct 07 j 06:38	0°♍		morning max el	-4320 Mar 05 j 23:59	26°♏13'22	45°58'07
	-4323 Oct 31 j 07:48	0°♎			-4320 Mar 09 j 21:29	0°♐	
	-4323 Nov 24 j 13:33	0°♏		desc. node	-4320 Mar 22 j 01:38	12°♐20'27	
	-4323 Dec 19 j 02:52	0°♐			-4320 Apr 07 j 13:32	0°♑	
	-4322 Jan 13 j 06:05	0°♑			-4320 May 04 j 05:10	0°♒	
asc. node	-4322 Jan 25 j 23:50	14°♑46'39			-4320 May 29 j 20:37	0°♑	
	-4322 Feb 08 j 12:29	0°♒			-4320 Jun 23 j 19:45	0°♒	
evening max el	-4322 Mar 09 j 02:58	29°♒43'33	45°08'09	asc. node	-4320 Jul 12 j 21:24	23°♒21'16	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4320 Jul 18 j 06:24	0°♂		evening max el	-4318 Dec 25 j 23:09	19°♂05'08	46°11'30
greatest brilliancy	-4320 Aug 09 j 13:22	27°♂47'03	-3.9m	asc. node	-4318 Dec 28 j 14:15	21°♂41'33	
	-4320 Aug 11 j 07:47	0°♂			-4317 Jan 06 j 09:55	0°♂	
morning set	-4320 Aug 30 j 02:34	23°♂38'25		greatest brilliancy	-4317 Jan 29 j 16:16	16°♂53'55	-4.5m
	-4320 Sep 04 j 03:31	0°♂		retrograde	-4317 Feb 13 j 14:54	20°♂52'47	
	-4320 Sep 27 j 21:24	0°♂		evening set	-4317 Mar 03 j 04:21	14°♂57'25	
				inferior conj	-4317 Mar 07 j 01:44	12°♂30'30	7°40'28
superior conj	-4320 Oct 09 j 09:23	14°♂30'45	0°50'53	minimum elong	-4317 Mar 07 j 07:45	12°♂20'51	7°39'43
minimum elong	-4320 Oct 09 j 20:29	15°♂05'46	0°50'30	min. Earth dist.	-4317 Mar 07 j 06:22	12°♂23'04	0.29354 AU
max. Earth dist.	-4320 Oct 12 j 17:51	18°♂44'26	1.70902 AU	morning rise	-4317 Mar 11 j 11:14	9°♂45'10	
	-4320 Oct 21 j 16:23	0°♂		direct	-4317 Mar 28 j 18:26	4°♂04'12	
desc. node	-4320 Nov 01 j 17:59	13°♂54'32		greatest brilliancy	-4317 Apr 10 j 12:22	6°♂55'25	-4.5m
	-4320 Nov 14 j 14:05	0°♂		desc. node	-4317 Apr 19 j 12:54	11°♂43'17	
evening rise	-4320 Nov 21 j 01:46	8°♂06'47			-4317 May 12 j 12:27	0°♂	
	-4320 Dec 08 j 15:08	0°♂		morning max el	-4317 May 16 j 14:13	3°♂49'27	45°51'30
	-4319 Jan 01 j 20:11	0°♂			-4317 Jun 11 j 01:53	0°♂	
	-4319 Jan 26 j 06:54	0°♂			-4317 Jul 07 j 17:01	0°♂	
	-4319 Feb 20 j 02:26	0°♂			-4317 Aug 01 j 23:54	0°♂	
asc. node	-4319 Feb 22 j 11:56	2°♂51'55		asc. node	-4317 Aug 10 j 09:15	10°♂11'23	
	-4319 Mar 17 j 11:39	0°♂			-4317 Aug 26 j 11:40	0°♂	
	-4319 Apr 12 j 19:01	0°♂			-4317 Sep 19 j 12:22	0°♂	
	-4319 May 10 j 21:57	0°♂			-4317 Oct 13 j 08:19	0°♂	
evening max el	-4319 May 19 j 17:17	8°♂39'37	45°37'14		-4317 Nov 06 j 04:09	0°♂	
desc. node	-4319 Jun 14 j 09:39	29°♂58'05		morning set	-4317 Nov 15 j 14:34	11°♂50'56	
	-4319 Jun 14 j 10:49	0°♂		desc. node	-4317 Nov 30 j 06:18	0°♂12'09	
greatest brilliancy	-4319 Jun 26 j 15:19	6°♂25'57	-4.5m		-4317 Nov 30 j 02:25	0°♂	
retrograde	-4319 Jul 07 j 17:49	8°♂37'02			-4317 Dec 24 j 03:51	0°♂	
evening set	-4319 Jul 24 j 18:29	3°♂13'15					
inferior conj	-4319 Jul 28 j 16:26	0°♂53'34	-8°-18'-58	superior conj	-4317 Dec 27 j 15:32	4°♂20'01	0°-57'-37
minimum elong	-4319 Jul 28 j 09:18	1°♂04'23	8°18'01	minimum elong	-4317 Dec 27 j 04:33	3°♂45'54	0°57'26
min. Earth dist.	-4319 Jul 28 j 22:58	0°♂43'41	0.27412 AU	max. Earth dist.	-4316 Jan 01 j 01:20	9°♂48'29	1.72281 AU
	-4319 Jul 30 j 03:53	30°♂♂			-4316 Jan 17 j 08:19	0°♂	
morning rise	-4319 Jul 31 j 23:56	28°♂54'33		evening rise	-4316 Feb 05 j 06:24	23°♂21'38	
direct	-4319 Aug 18 j 16:11	23°♂03'51			-4316 Feb 10 j 15:46	0°♂	
greatest brilliancy	-4319 Sep 01 j 09:23	26°♂29'23	-4.6m		-4316 Mar 06 j 02:45	0°♂	
	-4319 Sep 07 j 18:02	0°♂		asc. node	-4316 Mar 22 j 00:20	19°♂23'06	
asc. node	-4319 Oct 05 j 06:14	23°♂13'32			-4316 Mar 30 j 18:16	0°♂	
morning max el	-4319 Oct 08 j 09:35	26°♂24'12	46°51'08		-4316 Apr 24 j 15:39	0°♂	
	-4319 Oct 11 j 20:59	0°♂			-4316 May 19 j 21:01	0°♂	
	-4319 Nov 07 j 21:50	0°♂			-4316 Jun 14 j 14:58	0°♂	
	-4319 Dec 03 j 08:43	0°♂			-4316 Jul 11 j 09:21	0°♂	
	-4319 Dec 28 j 07:36	0°♂		desc. node	-4316 Jul 11 j 21:03	0°♂23'43	
desc. node	-4318 Jan 22 j 03:03	0°♂		evening max el	-4316 Aug 01 j 07:55	21°♂50'13	47°06'05
	-4318 Jan 25 j 04:27	3°♂42'09			-4316 Aug 09 j 20:18	0°♂	
	-4318 Feb 15 j 21:16	0°♂		greatest brilliancy	-4316 Sep 10 j 02:22	22°♂07'04	-4.7m
	-4318 Mar 12 j 14:06	0°♂		retrograde	-4316 Sep 20 j 17:54	24°♂14'54	
	-4318 Apr 06 j 04:49	0°♂		evening set	-4316 Oct 06 j 10:09	19°♂27'10	
morning set	-4318 Apr 11 j 22:55	7°♂01'58		inferior conj	-4316 Oct 11 j 08:06	16°♂32'05	-5°-10'-57
	-4318 Apr 30 j 16:46	0°♂		minimum elong	-4316 Oct 11 j 18:02	16°♂16'55	5°08'16
max. Earth dist.	-4318 May 14 j 07:00	16°♂43'06	1.73377 AU	min. Earth dist.	-4316 Oct 11 j 09:30	16°♂29'57	0.26397 AU
				morning rise	-4316 Oct 17 j 01:52	13°♂09'49	
superior conj	-4318 May 17 j 17:29	20°♂57'09	0°00'-32	direct	-4316 Oct 31 j 12:55	8°♂57'22	
minimum elong	-4318 May 17 j 17:34	20°♂57'23	0°00'29	asc. node	-4316 Nov 01 j 17:26	8°♂59'05	
behind sun begin	-4318 May 16 j 19:37	19°♂49'45		greatest brilliancy	-4316 Nov 12 j 13:24	11°♂39'55	-4.7m
behind sun end	-4318 May 18 j 15:30	22°♂05'02			-4316 Dec 08 j 12:16	0°♂	
asc. node	-4318 May 17 j 23:06	21°♂14'29		morning max el	-4316 Dec 20 j 19:32	11°♂45'35	46°35'09
	-4318 May 25 j 01:29	0°♂			-4315 Jan 07 j 05:48	0°♂	
	-4318 Jun 18 j 07:01	0°♂			-4315 Feb 03 j 03:05	0°♂	
evening rise	-4318 Jun 22 j 09:13	5°♂04'44		desc. node	-4315 Feb 21 j 16:18	21°♂22'33	
	-4318 Jul 12 j 10:13	0°♂			-4315 Mar 01 j 01:49	0°♂	
	-4318 Aug 05 j 12:47	0°♂			-4315 Mar 26 j 12:48	0°♂	
	-4318 Aug 29 j 16:47	0°♂			-4315 Apr 20 j 15:12	0°♂	
desc. node	-4318 Sep 06 j 19:09	10°♂01'13			-4315 May 15 j 10:01	0°♂	
	-4318 Sep 23 j 00:20	0°♂			-4315 Jun 08 j 21:36	0°♂	
	-4318 Oct 17 j 14:12	0°♂		asc. node	-4315 Jun 14 j 11:20	6°♂52'34	
	-4318 Nov 11 j 16:11	0°♂		morning set	-4315 Jun 17 j 18:53	10°♂58'29	
	-4318 Dec 07 j 21:25	0°♂			-4315 Jul 03 j 02:35	0°♂	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4315 Jul 20 j 19:46	22°II07'51	1.71757 AU	minimum elong	-4313 Dec 24 j 11:39	1°♂48'39	5°32'14
					-4313 Dec 27 j 08:48	30°♂♂	
superior conj	-4315 Jul 24 j 15:48	26°II56'14	1°15'55	morning rise	-4313 Dec 29 j 16:25	28°♂36'38	
minimum elong	-4315 Jul 24 j 08:35	26°II33'36	1°15'59	direct	-4312 Jan 14 j 14:47	23°♂36'08	
	-4315 Jul 27 j 02:24	0°♂		greatest brilliancy	-4312 Jan 25 j 04:07	25°♂40'15	-4.6m
	-4315 Aug 19 j 23:18	0°♂			-4312 Feb 03 j 00:25	0°♂	
evening rise	-4315 Sep 01 j 02:34	15°♂16'12		morning max el	-4312 Mar 03 j 15:03	23°♂59'35	45°59'01
	-4315 Sep 12 j 19:49	0°♂			-4312 Mar 09 j 18:36	0°♂	
desc. node	-4315 Oct 04 j 07:37	26°♂57'22		desc. node	-4312 Mar 21 j 03:50	11°♂38'59	
	-4315 Oct 06 j 18:01	0°♂			-4312 Apr 07 j 04:57	0°♂	
	-4315 Oct 30 j 19:22	0°♂			-4312 May 03 j 18:25	0°♂	
	-4315 Nov 24 j 01:23	0°♂			-4312 May 29 j 08:50	0°♂	
	-4315 Dec 18 j 15:10	0°♂			-4312 Jun 23 j 07:27	0°♂	
	-4314 Jan 12 j 19:22	0°♂		asc. node	-4312 Jul 11 j 23:30	22°♂52'25	
asc. node	-4314 Jan 25 j 01:55	14°♂12'06			-4312 Jul 17 j 17:50	0°♂	
	-4314 Feb 08 j 04:06	0°♂		greatest brilliancy	-4312 Aug 10 j 10:05	29°♂31'50	-3.9m
evening max el	-4314 Mar 06 j 19:11	27°♂34'30	45°08'48		-4312 Aug 10 j 19:04	0°♂	
	-4314 Mar 09 j 08:46	0°♂		morning set	-4312 Aug 27 j 15:22	21°♂11'55	
greatest brilliancy	-4314 Apr 10 j 03:13	23°♂26'38	-4.5m		-4312 Sep 03 j 14:47	0°♂	
retrograde	-4314 Apr 24 j 00:05	26°♂45'55			-4312 Sep 27 j 08:40	0°♂	
evening set	-4314 May 08 j 23:25	22°♂29'16					
inferior conj	-4314 May 15 j 08:43	18°♂43'45	0°22'57	superior conj	-4312 Oct 06 j 18:52	11°♂53'46	0°53'58
minimum elong	-4314 May 15 j 09:34	18°♂42'27	0°22'45	minimum elong	-4312 Oct 07 j 06:10	12°♂29'24	0°53'38
min. Earth dist.	-4314 May 16 j 00:55	18°♂18'48	0.28719 AU	max. Earth dist.	-4312 Oct 09 j 22:09	15°♂51'06	1.70882 AU
desc. node	-4314 May 17 j 00:16	17°♂42'55			-4312 Oct 21 j 03:42	0°♂	
morning rise	-4314 May 21 j 19:03	14°♂55'05		desc. node	-4312 Oct 31 j 20:01	13°♂25'24	
direct	-4314 Jun 06 j 02:09	10°♂26'59			-4312 Nov 14 j 01:26	0°♂	
greatest brilliancy	-4314 Jun 20 j 21:11	14°♂14'58	-4.5m	evening rise	-4312 Nov 18 j 10:39	5°♂29'03	
	-4314 Jul 13 j 09:02	0°♂			-4312 Dec 08 j 02:31	0°♂	
morning max el	-4314 Jul 25 j 19:05	11°♂33'00	46°21'31		-4311 Jan 01 j 07:39	0°♂	
	-4314 Aug 12 j 12:35	0°♂			-4311 Jan 25 j 18:36	0°♂	
asc. node	-4314 Sep 06 j 21:06	28°♂49'20			-4311 Feb 19 j 14:37	0°♂	
	-4314 Sep 07 j 21:07	0°♂		asc. node	-4311 Feb 21 j 14:12	2°♂22'08	
	-4314 Oct 02 j 19:38	0°♂			-4311 Mar 17 j 00:51	0°♂	
	-4314 Oct 27 j 03:25	0°♂			-4311 Apr 12 j 10:21	0°♂	
	-4314 Nov 20 j 06:30	0°♂			-4311 May 10 j 18:47	0°♂	
	-4314 Dec 14 j 10:07	0°♂		evening max el	-4311 May 17 j 06:51	6°♂20'47	45°34'34
desc. node	-4314 Dec 27 j 18:31	16°♂31'46		desc. node	-4311 Jun 13 j 11:40	28°♂36'22	
	-4313 Jan 07 j 16:07	0°♂			-4311 Jun 15 j 18:47	0°♂	
morning set	-4313 Jan 30 j 13:15	28°♂12'14		greatest brilliancy	-4311 Jun 24 j 03:08	4°♂03'17	-4.5m
	-4313 Feb 01 j 00:16	0°♂		retrograde	-4311 Jul 05 j 05:51	6°♂14'53	
	-4313 Feb 25 j 09:46	0°♂		evening set	-4311 Jul 22 j 03:35	0°♂56'46	
					-4311 Jul 23 j 18:36	30°♂♂	
superior conj	-4313 Mar 09 j 12:48	14°♂53'50	-1°-16'-3	inferior conj	-4311 Jul 26 j 05:39	28°♂31'12	-8°-9'-57
minimum elong	-4313 Mar 09 j 19:33	15°♂14'34	1°16'05	minimum elong	-4311 Jul 25 j 21:51	28°♂43'01	8°08'50
max. Earth dist.	-4313 Mar 09 j 22:38	15°♂24'02	1.73609 AU	min. Earth dist.	-4311 Jul 26 j 12:33	28°♂20'45	0.27458 AU
	-4313 Mar 21 j 20:01	0°♂		morning rise	-4311 Jul 29 j 15:54	26°♂27'57	
evening rise	-4313 Apr 14 j 23:34	29°♂37'49		direct	-4311 Aug 16 j 05:41	20°♂40'30	
	-4313 Apr 15 j 06:48	0°♂		greatest brilliancy	-4311 Aug 30 j 00:45	24°♂07'05	-4.6m
asc. node	-4313 Apr 19 j 12:46	5°♂12'41			-4311 Sep 08 j 22:57	0°♂	
greatest brilliancy	-4313 Apr 23 j 21:56	10°♂35'03	-3.9m	asc. node	-4311 Oct 04 j 08:23	22°♂18'54	
	-4313 May 09 j 18:01	0°♂		morning max el	-4311 Oct 05 j 21:53	23°♂54'15	46°50'52
	-4313 Jun 03 j 05:55	0°♂			-4311 Oct 11 j 18:16	0°♂	
	-4313 Jun 27 j 19:27	0°♂			-4311 Nov 07 j 14:00	0°♂	
	-4313 Jul 22 j 12:42	0°♂			-4311 Dec 02 j 22:48	0°♂	
desc. node	-4313 Aug 09 j 09:01	21°♂26'33			-4311 Dec 27 j 20:33	0°♂	
	-4313 Aug 16 j 13:27	0°♂			-4310 Jan 21 j 15:15	0°♂	
	-4313 Sep 11 j 04:59	0°♂		desc. node	-4310 Jan 24 j 06:36	3°♂11'55	
	-4313 Oct 08 j 06:59	0°♂			-4310 Feb 15 j 08:57	0°♂	
evening max el	-4313 Oct 13 j 19:13	5°♂43'29	47°31'20		-4310 Mar 12 j 01:25	0°♂	
	-4313 Nov 09 j 21:14	0°♂			-4310 Apr 05 j 15:54	0°♂	
greatest brilliancy	-4313 Nov 20 j 05:42	6°♂16'43	-4.7m	morning set	-4310 Apr 09 j 17:53	4°♂59'26	
asc. node	-4313 Nov 30 j 04:53	9°♂30'35			-4310 Apr 30 j 03:44	0°♂	
retrograde	-4313 Dec 03 j 23:04	9°♂47'49		max. Earth dist.	-4310 May 12 j 03:42	14°♂45'22	1.73415 AU
evening set	-4313 Dec 19 j 07:46	4°♂59'04					
min. Earth dist.	-4313 Dec 23 j 17:56	2°♂16'43	0.27696 AU	superior conj	-4310 May 15 j 12:46	18°♂55'00	0°-3'-34
inferior conj	-4313 Dec 24 j 20:50	1°♂34'05	5°34'29	minimum elong	-4310 May 15 j 13:27	18°♂57'06	0°03'30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

behind sun begin	-4310 May 14 j 15:52	17°Υ50'34		greatest brilliancy	-4308 Nov 10 j 03:51	9°Π11'42	-4.7m
behind sun end	-4310 May 16 j 11:03	20°Υ03'37			-4308 Dec 08 j 17:50	0°Ω	
asc. node	-4310 May 17 j 01:09	20°Υ47'04		morning max el	-4308 Dec 18 j 10:06	9°Ω22'34	46°36'24
	-4310 May 24 j 12:27	0°Ϡ			-4307 Jan 07 j 00:12	0°Π	
	-4310 Jun 17 j 18:07	0°Π			-4307 Feb 02 j 18:00	0°Ϡ	
evening rise	-4310 Jun 20 j 03:59	2°Π59'30		desc. node	-4307 Feb 20 j 18:30	20°Ϡ49'21	
	-4310 Jul 11 j 21:33	0°Ω			-4307 Feb 28 j 15:02	0°Ω	
	-4310 Aug 05 j 00:27	0°Ω			-4307 Mar 26 j 01:02	0°≈	
	-4310 Aug 29 j 04:51	0°Π			-4307 Apr 20 j 02:51	0°Ϡ	
desc. node	-4310 Sep 05 j 21:19	9°Π30'10			-4307 May 14 j 21:18	0°Υ	
	-4310 Sep 22 j 12:55	0°Ω			-4307 Jun 08 j 08:42	0°Ϡ	
	-4310 Oct 17 j 03:29	0°Π		asc. node	-4307 Jun 13 j 13:29	6°Ϡ24'56	
	-4310 Nov 11 j 06:43	0°Ϡ		morning set	-4307 Jun 15 j 12:54	8°Ϡ51'28	
	-4310 Dec 07 j 14:51	0°Ω			-4307 Jul 02 j 13:39	0°Π	
evening max el	-4310 Dec 23 j 13:30	16°Ω46'28	46°14'43	max. Earth dist.	-4307 Jul 18 j 09:57	19°Π47'17	1.71813 AU
asc. node	-4310 Dec 27 j 16:23	20°Ω50'38					
	-4309 Jan 06 j 14:05	0°≈		superior conj	-4307 Jul 22 j 08:03	24°Π41'56	1°14'26
greatest brilliancy	-4309 Jan 27 j 08:46	14°≈44'00	-4.5m	minimum elong	-4307 Jul 22 j 00:27	24°Π18'07	1°14'28
retrograde	-4309 Feb 11 j 07:56	18°≈44'40			-4307 Jul 26 j 13:30	0°Ω	
evening set	-4309 Feb 28 j 23:07	12°≈46'25			-4307 Aug 19 j 10:31	0°Ω	
inferior conj	-4309 Mar 04 j 18:56	10°≈21'58	7°47'06	evening rise	-4307 Aug 29 j 14:53	12°Ω48'31	
minimum elong	-4309 Mar 05 j 00:25	10°≈13'11	7°46'27		-4307 Sep 12 j 07:11	0°Π	
min. Earth dist.	-4309 Mar 04 j 22:42	10°≈15'56	0.29339 AU	desc. node	-4307 Oct 03 j 09:39	26°Π27'35	
morning rise	-4309 Mar 09 j 01:47	7°≈40'34			-4307 Oct 06 j 05:35	0°Ω	
direct	-4309 Mar 26 j 10:32	1°≈55'48			-4307 Oct 30 j 07:10	0°Π	
greatest brilliancy	-4309 Apr 08 j 03:37	4°≈45'45	-4.5m		-4307 Nov 23 j 13:32	0°Ϡ	
desc. node	-4309 Apr 18 j 14:59	10°≈28'34			-4307 Dec 18 j 03:51	0°Ω	
	-4309 May 12 j 12:14	0°Ϡ			-4306 Jan 12 j 09:06	0°≈	
morning max el	-4309 May 14 j 06:15	1°Ϡ39'28	45°51'11	asc. node	-4306 Jan 24 j 04:13	13°≈36'57	
	-4309 Jun 10 j 18:03	0°Υ			-4306 Feb 07 j 20:18	0°Ϡ	
	-4309 Jul 07 j 06:42	0°Ϡ		evening max el	-4306 Mar 04 j 11:49	25°Ϡ25'45	45°09'43
	-4309 Aug 01 j 12:27	0°Π			-4306 Mar 09 j 09:00	0°Υ	
asc. node	-4309 Aug 09 j 11:33	9°Π40'44		greatest brilliancy	-4306 Apr 07 j 17:53	21°Υ16'02	-4.5m
	-4309 Aug 25 j 23:41	0°Ω		retrograde	-4306 Apr 21 j 16:03	24°Υ36'22	
	-4309 Sep 19 j 00:08	0°Ω		evening set	-4306 May 06 j 16:27	20°Υ18'14	
	-4309 Oct 12 j 19:58	0°Π		inferior conj	-4306 May 13 j 00:42	16°Υ33'29	0°42'37
	-4309 Nov 05 j 15:41	0°Ω		minimum elong	-4306 May 13 j 02:16	16°Υ31'04	0°42'13
morning set	-4309 Nov 13 j 00:03	9°Ω13'58		min. Earth dist.	-4306 May 13 j 16:56	16°Υ08'25	0.28758 AU
desc. node	-4309 Nov 29 j 08:21	29°Ω42'52		desc. node	-4306 May 16 j 02:21	14°Υ40'40	
	-4309 Nov 29 j 13:50	0°Π		morning rise	-4306 May 19 j 11:30	12°Υ43'54	
	-4309 Dec 23 j 15:09	0°Ϡ		direct	-4306 Jun 03 j 19:06	8°Υ16'07	
				greatest brilliancy	-4306 Jun 18 j 12:09	12°Υ02'10	-4.5m
superior conj	-4309 Dec 25 j 02:37	1°Ϡ50'13	0°-54'-51		-4306 Jul 13 j 13:17	0°Ϡ	
minimum elong	-4309 Dec 24 j 15:39	1°Ϡ16'09	0°54'37	morning max el	-4306 Jul 23 j 11:04	9°Ϡ19'30	46°20'12
max. Earth dist.	-4309 Dec 29 j 12:06	7°Ϡ17'54	1.72218 AU		-4306 Aug 12 j 06:01	0°Π	
	-4308 Jan 16 j 19:33	0°Ω		asc. node	-4306 Sep 05 j 23:11	28°Π12'50	
evening rise	-4308 Feb 02 j 21:02	21°Ω04'18			-4306 Sep 07 j 11:29	0°Ω	
	-4308 Feb 10 j 03:00	0°≈			-4306 Oct 02 j 08:40	0°Ω	
	-4308 Mar 05 j 14:06	0°Ϡ			-4306 Oct 26 j 15:44	0°Π	
asc. node	-4308 Mar 21 j 02:27	18°Ϡ54'37			-4306 Nov 19 j 18:24	0°Ω	
	-4308 Mar 30 j 05:53	0°Υ			-4306 Dec 13 j 21:45	0°Π	
	-4308 Apr 24 j 03:48	0°Ϡ		desc. node	-4306 Dec 26 j 20:41	16°Π02'59	
	-4308 May 19 j 10:07	0°Π			-4305 Jan 07 j 03:31	0°Ϡ	
	-4308 Jun 14 j 05:47	0°Ω		morning set	-4305 Jan 28 j 03:08	25°Ϡ52'44	
desc. node	-4308 Jul 10 j 23:16	29°Ω48'07			-4305 Jan 31 j 11:28	0°Ω	
	-4308 Jul 11 j 03:41	0°Ω			-4305 Feb 24 j 20:47	0°≈	
evening max el	-4308 Jul 29 j 20:41	19°Ω24'02	47°03'19				
	-4308 Aug 10 j 01:39	0°Π		superior conj	-4305 Mar 07 j 05:57	12°≈45'20	-1°-17'-19
greatest brilliancy	-4308 Sep 07 j 15:14	19°Π36'49	-4.7m	minimum elong	-4305 Mar 07 j 12:16	13°≈04'42	1°17'22
retrograde	-4308 Sep 18 j 06:13	21°Π44'00		max. Earth dist.	-4305 Mar 07 j 21:06	13°≈31'50	1.73583 AU
evening set	-4308 Oct 04 j 01:18	16°Π51'41			-4305 Mar 21 j 06:58	0°Ϡ	
inferior conj	-4308 Oct 08 j 20:09	14°Π01'23	-5°-30'-45	evening rise	-4305 Apr 12 j 18:26	27°Ϡ34'47	
minimum elong	-4308 Oct 09 j 06:26	13°Π45'45	5°28'04		-4305 Apr 14 j 17:47	0°Υ	
min. Earth dist.	-4308 Oct 08 j 22:30	13°Π57'49	0.26411 AU	asc. node	-4305 Apr 18 j 14:49	4°Υ45'12	
morning rise	-4308 Oct 14 j 11:28	10°Π42'56		greatest brilliancy	-4305 Apr 24 j 12:49	12°Υ00'24	-3.9m
direct	-4308 Oct 29 j 01:21	6°Π26'24			-4305 May 09 j 05:12	0°Ϡ	
asc. node	-4308 Oct 31 j 19:34	6°Π35'39			-4305 Jun 02 j 17:26	0°Π	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4305 Jun 27 j 07:29	0°☿					-4303 Nov 07 j 05:38	0°♊			
	-4305 Jul 22 j 01:29	0°♋					-4303 Dec 02 j 12:29	0°♌			
desc. node	-4305 Aug 08 j 11:12	20°♌52'37					-4303 Dec 27 j 09:08	0°♍			
	-4305 Aug 16 j 03:24	0°♎					-4302 Jan 21 j 03:07	0°♏			
	-4305 Sep 10 j 20:59	0°♐				desc. node	-4302 Jan 23 j 08:47	2°♏42'45			
	-4305 Oct 08 j 03:53	0°♑					-4302 Feb 14 j 20:20	0°♒			
evening max el	-4305 Oct 11 j 11:16	3°♑24'52	47°32'29				-4302 Mar 11 j 12:28	0°♓			
	-4305 Nov 10 j 22:54	0°♊					-4302 Apr 05 j 02:45	0°♈			
greatest brilliancy	-4305 Nov 18 j 00:01	3°♊59'43	-4.7m			morning set	-4302 Apr 07 j 12:36	2°♈56'50			
asc. node	-4305 Nov 29 j 07:00	7°♊20'22					-4302 Apr 29 j 14:29	0°♉			
retrograde	-4305 Dec 01 j 14:30	7°♊26'56				max. Earth dist.	-4302 May 10 j 00:52	12°♉49'43	1.73453 AU		
evening set	-4305 Dec 16 j 20:32	2°♊42'34									
	-4305 Dec 21 j 07:01	30°♋				superior conj	-4302 May 13 j 07:49	16°♉52'46	0°-6'-36		
min. Earth dist.	-4305 Dec 21 j 08:53	29°♋57'02	0.27618 AU			minimum elong	-4302 May 13 j 09:06	16°♉56'43	0°06'31		
inferior conj	-4305 Dec 22 j 11:45	29°♋14'25	5°18'34			behind sun begin	-4302 May 12 j 12:50	15°♉54'16			
minimum elong	-4305 Dec 22 j 02:42	29°♋28'46	5°16'15			behind sun end	-4302 May 14 j 05:23	17°♉59'09			
morning rise	-4305 Dec 27 j 09:48	26°♋13'22				asc. node	-4302 May 16 j 03:20	20°♉20'41			
direct	-4304 Jan 12 j 05:11	21°♋17'59					-4302 May 23 j 23:13	0°♊			
greatest brilliancy	-4304 Jan 22 j 17:22	23°♋21'02	-4.6m				-4302 Jun 17 j 04:58	0°♋			
	-4304 Feb 04 j 05:57	0°♌				evening rise	-4302 Jun 17 j 22:36	0°♋54'38			
morning max el	-4304 Mar 01 j 05:21	21°♌43'34	45°59'49				-4302 Jul 11 j 08:38	0°♍			
	-4304 Mar 09 j 15:04	0°♎					-4302 Aug 04 j 11:51	0°♋			
desc. node	-4304 Mar 20 j 05:51	10°♎57'24					-4302 Aug 28 j 16:39	0°♌			
	-4304 Apr 06 j 20:12	0°♏				desc. node	-4302 Sep 04 j 23:19	8°♌59'28			
	-4304 May 03 j 07:35	0°♐					-4302 Sep 22 j 01:13	0°♍			
	-4304 May 28 j 20:58	0°♑					-4302 Oct 16 j 16:33	0°♎			
	-4304 Jun 22 j 19:01	0°♒					-4302 Nov 10 j 21:07	0°♏			
asc. node	-4304 Jul 11 j 01:43	22°♒24'20					-4302 Dec 07 j 08:19	0°♐			
	-4304 Jul 17 j 05:06	0°♓				evening max el	-4302 Dec 21 j 04:18	14°♐29'52	46°18'00		
	-4304 Aug 10 j 06:13	0°♑				asc. node	-4302 Dec 26 j 18:40	20°♐00'10			
greatest brilliancy	-4304 Aug 10 j 23:29	0°♑54'08	-3.9m				-4301 Jan 06 j 19:43	0°♒			
morning set	-4304 Aug 25 j 04:21	18°♑46'24				greatest brilliancy	-4301 Jan 25 j 00:35	12°♒34'00	-4.5m		
	-4304 Sep 03 j 01:54	0°♋				retrograde	-4301 Feb 09 j 01:22	16°♒37'24			
	-4304 Sep 26 j 19:49	0°♌				evening set	-4301 Feb 26 j 17:39	10°♒36'18			
						inferior conj	-4301 Mar 02 j 12:02	8°♒14'09	7°53'05		
superior conj	-4304 Oct 04 j 04:48	9°♌18'32	0°56'56			minimum elong	-4301 Mar 02 j 16:59	8°♒06'14	7°52'31		
minimum elong	-4304 Oct 04 j 16:13	9°♌54'32	0°56'36			min. Earth dist.	-4301 Mar 02 j 14:38	8°♒10'00	0.29324 AU		
max. Earth dist.	-4304 Oct 06 j 22:59	12°♌47'15	1.70864 AU			morning rise	-4301 Mar 06 j 16:24	5°♒36'38			
	-4304 Oct 20 j 14:52	0°♍					-4301 Mar 20 j 22:41	30°♒♊			
desc. node	-4304 Oct 30 j 22:06	12°♍56'57				direct	-4301 Mar 24 j 02:44	29°♒48'06			
	-4304 Nov 13 j 12:37	0°♎					-4301 Mar 27 j 08:18	0°♓			
evening rise	-4304 Nov 15 j 19:43	2°♎52'23				greatest brilliancy	-4301 Apr 05 j 18:55	2°♓37'09	-4.5m		
	-4304 Dec 07 j 13:43	0°♏				desc. node	-4301 Apr 17 j 17:07	9°♓16'57			
	-4304 Dec 31 j 18:57	0°♐				morning max el	-4301 May 11 j 23:01	29°♓32'11	45°50'46		
	-4303 Jan 25 j 06:09	0°♑					-4301 May 12 j 10:40	0°♈			
	-4303 Feb 19 j 02:44	0°♒					-4301 Jun 10 j 09:42	0°♉			
asc. node	-4303 Feb 20 j 16:14	1°♒51'55					-4301 Jul 06 j 20:01	0°♊			
	-4303 Mar 16 j 14:02	0°♓					-4301 Aug 01 j 00:42	0°♋			
	-4303 Apr 12 j 01:48	0°♌				asc. node	-4301 Aug 08 j 13:38	9°♋10'19			
	-4303 May 10 j 16:11	0°♍					-4301 Aug 25 j 11:24	0°♎			
evening max el	-4303 May 14 j 19:54	4°♍01'18	45°32'12				-4301 Sep 18 j 11:34	0°♏			
desc. node	-4303 Jun 12 j 13:53	27°♍13'03					-4301 Oct 12 j 07:13	0°♐			
	-4303 Jun 17 j 16:58	0°♑					-4301 Nov 05 j 02:50	0°♒			
greatest brilliancy	-4303 Jun 21 j 14:24	1°♑41'01	-4.5m			morning set	-4301 Nov 10 j 09:35	6°♒38'13			
retrograde	-4303 Jul 02 j 18:17	3°♑54'14				desc. node	-4301 Nov 28 j 10:30	29°♒15'02			
	-4303 Jul 17 j 02:45	30°♒♋					-4301 Nov 29 j 00:53	0°♓			
evening set	-4303 Jul 19 j 12:48	28°♒41'24									
inferior conj	-4303 Jul 23 j 19:03	26°♒10'09	-8°00'-12			superior conj	-4301 Dec 22 j 13:32	29°♒20'47	0°-51'-56		
minimum elong	-4303 Jul 23 j 10:39	26°♒22'52	7°58'55			minimum elong	-4301 Dec 22 j 02:41	28°♒47'02	0°51'42		
min. Earth dist.	-4303 Jul 24 j 02:16	25°♒59'12	0.27503 AU				-4301 Dec 23 j 02:08	0°♏			
morning rise	-4303 Jul 27 j 08:11	24°♒02'38				max. Earth dist.	-4301 Dec 26 j 22:19	4°♏46'33	1.72158 AU		
direct	-4303 Aug 13 j 19:11	18°♒18'19					-4300 Jan 16 j 06:28	0°♐			
greatest brilliancy	-4303 Aug 27 j 17:18	21°♒47'35	-4.6m			evening rise	-4300 Jan 31 j 11:39	18°♐47'54			
	-4303 Sep 09 j 19:35	0°♑					-4300 Feb 09 j 13:54	0°♒			
asc. node	-4303 Oct 03 j 10:29	21°♑26'05					-4300 Mar 05 j 01:04	0°♓			
morning max el	-4303 Oct 03 j 10:42	21°♑26'40	46°50'33			asc. node	-4300 Mar 20 j 04:33	18°♓27'06			
	-4303 Oct 11 j 14:33	0°♋					-4300 Mar 29 j 17:09	0°♌			

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4300 Apr 23 j 15:40	0°♄		desc. node	-4298 Dec 25 j 22:50	15°♌34'45	
	-4300 May 18 j 23:01	0°♅			-4297 Jan 06 j 14:41	0°♈	
	-4300 Jun 13 j 20:30	0°♆		morning set	-4297 Jan 25 j 16:47	23°♏33'05	
desc. node	-4300 Jul 10 j 01:24	29°♄04'22			-4297 Jan 30 j 22:25	0°♉	
	-4300 Jul 10 j 22:12	0°♊			-4297 Feb 24 j 07:37	0°♊	
evening max el	-4300 Jul 27 j 10:24	17°♊01'06	47°00'33				
	-4300 Aug 10 j 08:48	0°♋		superior conj	-4297 Mar 04 j 23:00	10°♋37'06	-1°-18'-28
greatest brilliancy	-4300 Sep 05 j 03:31	17°♋06'57	-4.7m	minimum elong	-4297 Mar 05 j 04:49	10°♋54'58	1°18'33
retrograde	-4300 Sep 15 j 18:45	19°♋13'50		max. Earth dist.	-4297 Mar 05 j 18:43	11°♋37'39	1.73556 AU
evening set	-4300 Oct 01 j 16:33	14°♋17'02			-4297 Mar 20 j 17:45	0°♌	
inferior conj	-4300 Oct 06 j 08:08	11°♋31'28	-5°-49'-57	evening rise	-4297 Apr 10 j 13:14	25°♌32'04	
minimum elong	-4300 Oct 06 j 18:40	11°♋15'27	5°47'16		-4297 Apr 14 j 04:37	0°♍	
min. Earth dist.	-4300 Oct 06 j 11:03	11°♋27'02	0.26423 AU	asc. node	-4297 Apr 17 j 17:01	4°♍18'42	
morning rise	-4300 Oct 11 j 20:45	8°♋17'09		greatest brilliancy	-4297 Apr 26 j 00:20	14°♍29'24	-3.9m
direct	-4300 Oct 26 j 14:11	3°♋56'33			-4297 May 08 j 16:13	0°♎	
asc. node	-4300 Oct 30 j 21:47	4°♋19'04			-4297 Jun 02 j 04:47	0°♏	
greatest brilliancy	-4300 Nov 07 j 17:11	6°♋43'09	-4.7m		-4297 Jun 26 j 19:22	0°♐	
	-4300 Dec 08 j 21:07	0°♑			-4297 Jul 21 j 14:11	0°♑	
morning max el	-4300 Dec 16 j 00:40	7°♑00'41	46°37'29	desc. node	-4297 Aug 07 j 13:10	20°♑18'16	
	-4299 Jan 06 j 17:47	0°♒			-4297 Aug 15 j 17:21	0°♒	
	-4299 Feb 02 j 08:23	0°♓			-4297 Sep 10 j 13:13	0°♓	
desc. node	-4299 Feb 19 j 20:28	20°♓16'37			-4297 Oct 08 j 01:36	0°♌	
	-4299 Feb 28 j 03:50	0°♈		evening max el	-4297 Oct 09 j 02:21	1°♌03'23	47°33'26
	-4299 Mar 25 j 12:53	0°♉			-4297 Nov 12 j 11:40	0°♈	
	-4299 Apr 19 j 14:07	0°♊		greatest brilliancy	-4297 Nov 15 j 18:33	1°♈42'05	-4.7m
	-4299 May 14 j 08:14	0°♋		asc. node	-4297 Nov 28 j 09:14	5°♈04'06	
	-4299 Jun 07 j 19:30	0°♌		retrograde	-4297 Nov 29 j 05:09	5°♈04'57	
asc. node	-4299 Jun 12 j 15:42	5°♌58'29		evening set	-4297 Dec 14 j 09:07	0°♈24'48	
morning set	-4299 Jun 13 j 06:55	6°♌45'30			-4297 Dec 15 j 02:14	30°♏♌	
	-4299 Jul 02 j 00:26	0°♍		min. Earth dist.	-4297 Dec 18 j 23:56	27°♌35'51	0.27537 AU
max. Earth dist.	-4299 Jul 15 j 22:12	17°♍21'33	1.71876 AU	inferior conj	-4297 Dec 20 j 02:24	26°♌53'52	5°01'47
				minimum elong	-4297 Dec 19 j 17:33	27°♌07'54	4°59'27
superior conj	-4299 Jul 20 j 00:13	22°♍28'15	1°12'50	morning rise	-4297 Dec 25 j 02:52	23°♌49'14	
minimum elong	-4299 Jul 19 j 16:16	22°♍03'23	1°12'50	direct	-4296 Jan 09 j 18:49	18°♌58'53	
	-4299 Jul 26 j 00:23	0°♎		greatest brilliancy	-4296 Jan 20 j 07:17	21°♌01'55	-4.6m
	-4299 Aug 18 j 21:31	0°♏			-4296 Feb 05 j 03:30	0°♈	
evening rise	-4299 Aug 27 j 02:59	10°♏20'48		morning max el	-4296 Feb 27 j 18:44	19°♈25'16	46°00'46
	-4299 Sep 11 j 18:20	0°♐			-4296 Mar 09 j 10:50	0°♉	
desc. node	-4299 Oct 02 j 11:45	25°♐58'45		desc. node	-4296 Mar 19 j 08:04	10°♉17'04	
	-4299 Oct 05 j 16:55	0°♑			-4296 Apr 06 j 11:09	0°♊	
	-4299 Oct 29 j 18:44	0°♒			-4296 May 02 j 20:35	0°♋	
	-4299 Nov 23 j 01:24	0°♓			-4296 May 28 j 08:59	0°♌	
	-4299 Dec 17 j 16:16	0°♈			-4296 Jun 22 j 06:30	0°♍	
	-4298 Jan 11 j 22:38	0°♉		asc. node	-4296 Jul 10 j 03:47	21°♍56'04	
asc. node	-4298 Jan 23 j 06:15	13°♉01'41			-4296 Jul 16 j 16:18	0°♍	
	-4298 Feb 07 j 12:27	0°♊			-4296 Aug 09 j 17:17	0°♎	
evening max el	-4298 Mar 02 j 04:07	23°♊16'51	45°10'39	greatest brilliancy	-4296 Aug 11 j 10:50	2°♎10'21	-3.9m
	-4298 Mar 09 j 10:05	0°♋		morning set	-4296 Aug 22 j 17:38	16°♎22'05	
greatest brilliancy	-4298 Apr 05 j 09:32	19°♋07'33	-4.5m		-4296 Sep 02 j 12:58	0°♏	
retrograde	-4298 Apr 19 j 07:41	22°♋27'56			-4296 Sep 26 j 06:56	0°♐	
evening set	-4298 May 04 j 09:43	18°♋08'13					
inferior conj	-4298 May 10 j 16:47	14°♋24'28	1°02'10	superior conj	-4296 Oct 01 j 14:48	6°♋43'33	0°59'46
minimum elong	-4298 May 10 j 19:03	14°♋20'58	1°01'33	minimum elong	-4296 Oct 02 j 02:13	7°♋19'33	0°59'27
min. Earth dist.	-4298 May 11 j 09:14	13°♋58'59	0.28796 AU	max. Earth dist.	-4296 Oct 03 j 22:47	9°♋40'10	1.70858 AU
desc. node	-4298 May 15 j 04:31	11°♋40'45			-4296 Oct 20 j 02:03	0°♑	
morning rise	-4298 May 17 j 03:49	10°♋34'01		desc. node	-4296 Oct 30 j 00:17	12°♑28'36	
direct	-4298 Jun 01 j 11:48	6°♋06'36			-4296 Nov 12 j 23:51	0°♒	
greatest brilliancy	-4298 Jun 16 j 02:28	9°♋49'38	-4.5m	evening rise	-4296 Nov 13 j 04:23	0°♒14'09	
	-4298 Jul 13 j 15:32	0°♌			-4296 Dec 07 j 01:00	0°♓	
morning max el	-4298 Jul 21 j 02:01	7°♌04'20	46°18'43		-4296 Dec 31 j 06:20	0°♈	
	-4298 Aug 11 j 22:52	0°♍			-4295 Jan 24 j 17:48	0°♉	
asc. node	-4298 Sep 05 j 01:17	27°♍37'12			-4295 Feb 18 j 14:56	0°♊	
	-4298 Sep 07 j 01:33	0°♎		asc. node	-4295 Feb 19 j 18:21	1°♊21'43	
	-4298 Oct 01 j 21:30	0°♏			-4295 Mar 16 j 03:22	0°♋	
	-4298 Oct 26 j 03:54	0°♐			-4295 Apr 11 j 17:32	0°♌	
	-4298 Nov 19 j 06:08	0°♑			-4295 May 10 j 14:28	0°♍	
	-4298 Dec 13 j 09:11	0°♒		evening max el	-4295 May 12 j 09:11	1°♍42'27	45°30'00

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4295 Jun 11 j 16:03	25° Π 46'51			-4293 Oct 11 j 18:41	0° \mathbb{M}	
greatest brilliancy	-4295 Jun 19 j 00:47	29° Π 18'02	-4.5m		-4293 Nov 04 j 14:10	0° $\underline{\mathbf{A}}$	
	-4295 Jun 21 j 00:13	0° \mathfrak{S}		morning set	-4293 Nov 07 j 19:37	4° $\underline{\mathbf{A}}$ 03'25	
retrograde	-4295 Jun 30 j 07:21	1° \mathfrak{S} 34'08		desc. node	-4293 Nov 27 j 12:35	28° $\underline{\mathbf{A}}$ 46'23	
	-4295 Jul 09 j 06:36	30° $\mathbb{R}\Pi$			-4293 Nov 28 j 12:08	0° \mathbb{M}	
evening set	-4295 Jul 16 j 22:07	26° Π 26'14					
inferior conj	-4295 Jul 21 j 08:30	23° Π 49'25	-7°-49'-34	superior conj	-4293 Dec 20 j 00:31	26° \mathbb{M} 50'47	0°-48'-55
minimum elong	-4295 Jul 20 j 23:36	24° Π 02'52	7°48'07	minimum elong	-4293 Dec 19 j 13:53	26° \mathbb{M} 17'43	0°48'41
min. Earth dist.	-4295 Jul 21 j 15:47	23° Π 38'23	0.27547 AU		-4293 Dec 22 j 13:19	0° \mathfrak{A}	
morning rise	-4295 Jul 25 j 00:44	21° Π 37'35		max. Earth dist.	-4293 Dec 24 j 11:17	2° \mathfrak{A} 22'56	1.72103 AU
direct	-4295 Aug 11 j 09:03	15° Π 56'29			-4292 Jan 15 j 17:37	0° \mathfrak{S}	
greatest brilliancy	-4295 Aug 25 j 10:12	19° Π 29'05	-4.6m	evening rise	-4292 Jan 29 j 02:12	16° \mathfrak{S} 30'27	
	-4295 Sep 10 j 10:53	0° \mathfrak{S}			-4292 Feb 09 j 01:03	0° \approx	
morning max el	-4295 Oct 01 j 00:23	19° \mathfrak{S} 01'30	46°50'12		-4292 Mar 04 j 12:21	0° \mathfrak{H}	
asc. node	-4295 Oct 02 j 12:44	20° \mathfrak{S} 34'46		asc. node	-4292 Mar 19 j 06:44	17° \mathfrak{H} 58'57	
	-4295 Oct 11 j 10:13	0° Ω			-4292 Mar 29 j 04:45	0° \mathbb{Y}	
	-4295 Nov 06 j 21:07	0° \mathbb{M}			-4292 Apr 23 j 03:53	0° \mathfrak{B}	
	-4295 Dec 02 j 02:10	0° $\underline{\mathbf{A}}$			-4292 May 18 j 12:18	0° Π	
	-4295 Dec 26 j 21:48	0° \mathbb{M}			-4292 Jun 13 j 11:43	0° \mathfrak{S}	
	-4294 Jan 20 j 15:08	0° \mathfrak{A}		desc. node	-4292 Jul 09 j 03:25	28° \mathfrak{S} 18'51	
desc. node	-4294 Jan 22 j 10:46	2° \mathfrak{A} 12'25			-4292 Jul 10 j 17:32	0° Ω	
	-4294 Feb 14 j 07:52	0° \mathfrak{S}		evening max el	-4292 Jul 25 j 00:30	14° Ω 38'16	46°57'35
	-4294 Mar 10 j 23:40	0° \approx			-4292 Aug 10 j 18:59	0° \mathbb{M}	
	-4294 Apr 04 j 13:44	0° \mathfrak{H}		greatest brilliancy	-4292 Sep 02 j 16:11	14° \mathbb{M} 36'44	-4.7m
morning set	-4294 Apr 05 j 07:07	0° \mathfrak{H} 53'08		retrograde	-4292 Sep 13 j 07:04	16° \mathbb{M} 42'32	
	-4294 Apr 29 j 01:22	0° \mathbb{Y}		evening set	-4292 Sep 29 j 07:52	11° \mathbb{M} 41'29	
max. Earth dist.	-4294 May 07 j 23:47	10° \mathbb{Y} 59'00	1.73490 AU	inferior conj	-4292 Oct 03 j 20:03	9° \mathbb{M} 00'38	-6°-8'-24
				minimum elong	-4292 Oct 04 j 06:46	8° \mathbb{M} 44'20	6°05'47
superior conj	-4294 May 11 j 02:48	14° \mathbb{Y} 49'55	0°-9'-38	min. Earth dist.	-4292 Oct 03 j 23:33	8° \mathbb{M} 55'19	0.26435 AU
minimum elong	-4294 May 11 j 04:40	14° \mathbb{Y} 55'39	0°09'30	morning rise	-4292 Oct 09 j 05:41	5° \mathbb{M} 50'35	
behind sun begin	-4294 May 10 j 10:52	14° \mathbb{Y} 00'49		direct	-4292 Oct 24 j 03:07	1° \mathbb{M} 25'56	
behind sun end	-4294 May 11 j 22:29	15° \mathbb{Y} 50'30		asc. node	-4292 Oct 29 j 23:54	2° \mathbb{M} 07'09	
asc. node	-4294 May 15 j 05:28	19° \mathbb{Y} 53'44		greatest brilliancy	-4292 Nov 05 j 05:57	4° \mathbb{M} 12'53	-4.7m
	-4294 May 23 j 10:07	0° \mathfrak{B}			-4292 Dec 08 j 23:12	0° $\underline{\mathbf{A}}$	
evening rise	-4294 Jun 15 j 17:22	28° \mathfrak{B} 49'49		morning max el	-4292 Dec 13 j 14:22	4° $\underline{\mathbf{A}}$ 35'45	46°38'40
	-4294 Jun 16 j 16:01	0° Π			-4291 Jan 06 j 11:14	0° \mathbb{M}	
	-4294 Jul 10 j 19:55	0° \mathfrak{S}			-4291 Feb 01 j 22:51	0° \mathfrak{A}	
	-4294 Aug 03 j 23:26	0° Ω		desc. node	-4291 Feb 18 j 22:40	19° \mathfrak{A} 44'03	
	-4294 Aug 28 j 04:37	0° \mathbb{M}			-4291 Feb 27 j 16:48	0° \mathfrak{S}	
desc. node	-4294 Sep 04 j 01:29	8° \mathbb{M} 28'52			-4291 Mar 25 j 00:59	0° \approx	
	-4294 Sep 21 j 13:41	0° $\underline{\mathbf{A}}$			-4291 Apr 19 j 01:41	0° \mathfrak{H}	
	-4294 Oct 16 j 05:48	0° \mathbb{M}			-4291 May 13 j 19:29	0° \mathbb{Y}	
	-4294 Nov 10 j 11:49	0° \mathfrak{A}			-4291 Jun 07 j 06:35	0° \mathfrak{B}	
	-4294 Dec 07 j 02:24	0° \mathfrak{S}		morning set	-4291 Jun 11 j 00:55	4° \mathfrak{B} 38'40	
evening max el	-4294 Dec 18 j 20:02	12° \mathfrak{S} 14'48	46°21'09	asc. node	-4291 Jun 11 j 17:42	5° \mathfrak{B} 30'30	
asc. node	-4294 Dec 25 j 20:42	19° \mathfrak{S} 07'24			-4291 Jul 01 j 11:31	0° Π	
	-4293 Jan 07 j 04:09	0° \approx		max. Earth dist.	-4291 Jul 13 j 10:35	14° Π 55'33	1.71939 AU
greatest brilliancy	-4293 Jan 22 j 16:58	10° \approx 23'39	-4.5m				
retrograde	-4293 Feb 06 j 19:03	14° \approx 28'44		superior conj	-4291 Jul 17 j 16:30	20° Π 14'15	1°11'07
evening set	-4293 Feb 24 j 11:54	8° \approx 25'10		minimum elong	-4291 Jul 17 j 08:16	19° Π 48'28	1°11'06
inferior conj	-4293 Feb 28 j 05:03	6° \approx 04'57	7°58'21		-4291 Jul 25 j 11:32	0° \mathfrak{S}	
minimum elong	-4293 Feb 28 j 09:26	5° \approx 57'57	7°57'53		-4291 Aug 18 j 08:48	0° Ω	
min. Earth dist.	-4293 Feb 28 j 06:09	6° \approx 03'12	0.29305 AU	evening rise	-4291 Aug 24 j 15:22	7° Ω 53'08	
morning rise	-4293 Mar 04 j 07:04	3° \approx 31'11			-4291 Sep 11 j 05:48	0° \mathbb{M}	
	-4293 Mar 10 j 23:27	30° $\mathbb{R}\mathfrak{S}$		desc. node	-4291 Oct 01 j 13:55	25° \mathbb{M} 29'05	
direct	-4293 Mar 21 j 19:23	27° \mathfrak{S} 39'14			-4291 Oct 05 j 04:35	0° $\underline{\mathbf{A}}$	
	-4293 Apr 02 j 06:54	0° \approx			-4291 Oct 29 j 06:38	0° \mathbb{M}	
greatest brilliancy	-4293 Apr 03 j 09:36	0° \approx 26'51	-4.5m		-4291 Nov 22 j 13:36	0° \mathfrak{A}	
desc. node	-4293 Apr 16 j 19:18	8° \approx 06'36			-4291 Dec 17 j 05:00	0° \mathfrak{S}	
morning max el	-4293 May 09 j 16:07	27° \approx 25'05	45°50'22		-4290 Jan 11 j 12:30	0° \approx	
	-4293 May 12 j 08:33	0° \mathfrak{H}		asc. node	-4290 Jan 22 j 08:22	12° \approx 25'46	
	-4293 Jun 10 j 01:20	0° \mathbb{Y}			-4290 Feb 07 j 05:08	0° \mathfrak{H}	
	-4293 Jun 06 j 09:28	0° \mathfrak{B}		evening max el	-4290 Feb 27 j 19:33	21° \mathfrak{H} 05'12	45°11'33
	-4293 Jul 31 j 13:08	0° Π			-4290 Mar 09 j 12:54	0° \mathbb{Y}	
asc. node	-4293 Aug 07 j 15:40	8° Π 39'09		greatest brilliancy	-4290 Apr 03 j 01:04	16° \mathbb{Y} 58'14	-4.5m
	-4293 Aug 24 j 23:18	0° \mathfrak{S}		retrograde	-4290 Apr 16 j 23:10	20° \mathbb{Y} 19'08	
	-4293 Sep 17 j 23:12	0° Ω		evening set	-4290 May 02 j 03:13	15° \mathbb{Y} 57'27	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-4290 May 08 j 09:02	12° Υ 15'06	1°21'31	superior conj	-4288 Sep 29 j 00:51	4° $\mathring{\text{M}}$ 08'13	1°02'27
minimum elong	-4290 May 08 j 11:59	12° Υ 10'32	1°20'42	minimum elong	-4288 Sep 29 j 12:09	4° $\mathring{\text{M}}$ 43'54	1°02'10
min. Earth dist.	-4290 May 09 j 02:00	11° Υ 48'45	0.28836 AU	max. Earth dist.	-4288 Oct 01 j 00:58	6° $\mathring{\text{M}}$ 40'05	1.70855 AU
desc. node	-4290 May 14 j 06:38	8° Υ 42'30			-4288 Oct 19 j 13:23	0° Ω	
morning rise	-4290 May 14 j 20:07	8° Υ 23'55		desc. node	-4288 Oct 29 j 02:17	11° Ω 59'20	
direct	-4290 May 30 j 04:08	3° Υ 56'33		evening rise	-4288 Nov 10 j 13:01	27° Ω 35'29	
greatest brilliancy	-4290 Jun 13 j 17:37	7° Υ 37'25	-4.5m		-4288 Nov 12 j 11:13	0° $\mathring{\text{M}}$	
	-4290 Jul 13 j 16:48	0° X			-4288 Dec 06 j 12:26	0° X	
morning max el	-4290 Jul 18 j 16:22	4° X 46'56	46°17'20		-4288 Dec 30 j 17:54	0° Z	
	-4290 Aug 11 j 15:41	0° Π			-4287 Jan 24 j 05:38	0° \approx	
asc. node	-4290 Sep 04 j 03:33	27° Π 01'35			-4287 Feb 18 j 03:19	0° H	
	-4290 Sep 06 j 15:44	0° S		asc. node	-4287 Feb 18 j 20:35	0° H 51'26	
	-4290 Oct 01 j 10:30	0° Ω			-4287 Mar 15 j 16:53	0° Υ	
	-4290 Oct 25 j 16:16	0° $\mathring{\text{M}}$			-4287 Apr 11 j 09:33	0° X	
	-4290 Nov 18 j 18:07	0° Ω		evening max el	-4287 May 09 j 23:07	29° X 25'23	45°27'53
	-4290 Dec 12 j 20:52	0° $\mathring{\text{M}}$			-4287 May 10 j 13:41	0° Π	
desc. node	-4290 Dec 25 j 00:48	15° $\mathring{\text{M}}$ 05'10		desc. node	-4287 Jun 10 j 18:02	24° Π 17'29	
	-4289 Jan 06 j 02:06	0° X		greatest brilliancy	-4287 Jun 16 j 10:19	26° Π 54'20	-4.5m
morning set	-4289 Jan 23 j 06:27	21° X 12'40		retrograde	-4287 Jun 27 j 20:56	29° Π 14'06	
	-4289 Jan 30 j 09:36	0° Z		evening set	-4287 Jul 14 j 07:30	24° Π 11'01	
	-4289 Feb 23 j 18:38	0° \approx		inferior conj	-4287 Jul 18 j 21:58	21° Π 28'33	-7°-38'-4
				minimum elong	-4287 Jul 18 j 12:37	21° Π 42'38	7°36'28
superior conj	-4289 Mar 02 j 16:14	8° \approx 28'46	-1°-19'-29	min. Earth dist.	-4287 Jul 19 j 05:00	21° Π 17'55	0.27595 AU
minimum elong	-4289 Mar 02 j 21:32	8° \approx 45'03	1°19'36	morning rise	-4287 Jul 22 j 17:25	19° Π 12'14	
max. Earth dist.	-4289 Mar 03 j 15:43	9° \approx 40'55	1.73524 AU	direct	-4287 Aug 08 j 23:30	13° Π 34'35	
	-4289 Mar 20 j 04:43	0° H		greatest brilliancy	-4287 Aug 23 j 02:47	17° Π 10'04	-4.6m
evening rise	-4289 Apr 08 j 08:10	23° H 29'07			-4287 Sep 10 j 22:32	0° S	
	-4289 Apr 13 j 15:41	0° Υ		morning max el	-4287 Sep 28 j 15:00	16° S 38'28	46°49'44
asc. node	-4289 Apr 16 j 19:08	3° Υ 51'15		asc. node	-4287 Oct 01 j 14:49	19° S 43'27	
greatest brilliancy	-4289 Apr 29 j 07:33	19° Υ 11'20	-3.9m		-4287 Oct 11 j 05:31	0° Ω	
	-4289 May 08 j 03:29	0° X			-4287 Nov 06 j 12:30	0° $\mathring{\text{M}}$	
	-4289 Jun 01 j 16:25	0° Π			-4287 Dec 01 j 15:49	0° Ω	
	-4289 Jun 26 j 07:33	0° S			-4287 Dec 26 j 10:28	0° $\mathring{\text{M}}$	
	-4289 Jul 21 j 03:12	0° Ω			-4286 Jan 20 j 03:08	0° X	
desc. node	-4289 Aug 06 j 15:21	19° Ω 43'38		desc. node	-4286 Jan 21 j 12:57	1° X 42'42	
	-4289 Aug 15 j 07:41	0° $\mathring{\text{M}}$			-4286 Feb 13 j 19:25	0° Z	
	-4289 Sep 10 j 05:58	0° Ω			-4286 Mar 10 j 10:53	0° \approx	
evening max el	-4289 Oct 06 j 16:18	28° Ω 38'18	47°34'14	morning set	-4286 Apr 03 j 01:39	28° \approx 49'25	
	-4289 Oct 08 j 00:26	0° $\mathring{\text{M}}$			-4286 Apr 04 j 00:44	0° H	
greatest brilliancy	-4289 Nov 13 j 12:36	29° $\mathring{\text{M}}$ 22'40	-4.7m		-4286 Apr 28 j 12:14	0° Υ	
	-4289 Nov 14 j 21:46	0° X		max. Earth dist.	-4286 May 05 j 23:36	9° Υ 11'13	1.73518 AU
retrograde	-4289 Nov 26 j 19:35	2° X 41'57					
asc. node	-4289 Nov 27 j 11:19	2° X 41'25		superior conj	-4286 May 08 j 21:55	12° Υ 47'34	0°-12'-37
	-4289 Dec 08 j 05:11	30° $\mathring{\text{M}}$		minimum elong	-4286 May 09 j 00:21	12° Υ 55'05	0°12'29
evening set	-4289 Dec 11 j 21:41	28° $\mathring{\text{M}}$ 05'29		behind sun begin	-4286 May 08 j 10:41	12° Υ 13'00	
min. Earth dist.	-4289 Dec 16 j 15:05	25° $\mathring{\text{M}}$ 13'10	0.27460 AU	behind sun end	-4286 May 09 j 14:02	13° Υ 37'10	
inferior conj	-4289 Dec 17 j 16:56	24° $\mathring{\text{M}}$ 32'12	4°44'20	asc. node	-4286 May 14 j 07:31	19° Υ 26'37	
minimum elong	-4289 Dec 17 j 08:20	24° $\mathring{\text{M}}$ 45'49	4°42'00		-4286 May 22 j 20:58	0° X	
morning rise	-4289 Dec 22 j 19:49	21° $\mathring{\text{M}}$ 24'07		evening rise	-4286 Jun 13 j 12:23	26° X 46'00	
direct	-4288 Jan 07 j 07:57	16° $\mathring{\text{M}}$ 38'23			-4286 Jun 16 j 03:00	0° Π	
greatest brilliancy	-4288 Jan 17 j 22:07	18° $\mathring{\text{M}}$ 42'40	-4.6m		-4286 Jul 10 j 07:09	0° S	
	-4288 Feb 05 j 19:54	0° X			-4286 Aug 03 j 11:01	0° Ω	
morning max el	-4288 Feb 25 j 08:17	17° X 06'36	46°01'59		-4286 Aug 27 j 16:37	0° $\mathring{\text{M}}$	
	-4288 Mar 09 j 06:14	0° Z		desc. node	-4286 Sep 03 j 03:37	7° $\mathring{\text{M}}$ 57'57	
desc. node	-4288 Mar 18 j 10:12	9° Z 36'34			-4286 Sep 21 j 02:15	0° Ω	
	-4288 Apr 06 j 02:04	0° \approx			-4286 Oct 15 j 19:10	0° $\mathring{\text{M}}$	
	-4288 May 02 j 09:38	0° H			-4286 Nov 10 j 02:42	0° X	
	-4288 May 27 j 21:05	0° Υ			-4286 Dec 06 j 20:56	0° Z	
	-4288 Jun 21 j 18:06	0° X		evening max el	-4286 Dec 16 j 12:16	10° Z 00'52	46°24'24
asc. node	-4288 Jul 09 j 05:53	21° X 27'24		asc. node	-4286 Dec 24 j 22:49	18° Z 13'53	
	-4288 Jul 16 j 03:39	0° Π			-4285 Jan 07 j 15:36	0° \approx	
	-4288 Aug 09 j 04:32	0° S		greatest brilliancy	-4285 Jan 20 j 10:20	8° \approx 14'32	-4.5m
greatest brilliancy	-4288 Aug 11 j 23:38	3° S 30'36	-3.9m	retrograde	-4285 Feb 04 j 12:42	12° \approx 19'38	
morning set	-4288 Aug 20 j 06:59	13° S 57'32		evening set	-4285 Feb 22 j 05:54	6° \approx 14'04	
	-4288 Sep 02 j 00:12	0° Ω		inferior conj	-4285 Feb 25 j 21:56	3° \approx 55'23	8°03'04
	-4288 Sep 25 j 18:13	0° $\mathring{\text{M}}$		minimum elong	-4285 Feb 26 j 01:42	3° \approx 49'21	8°02'41
				min. Earth dist.	-4285 Feb 25 j 21:15	3° \approx 56'29	0.29282 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4285 Mar 01 j 21:41	1°≈25'11			-4283 Aug 17 j 19:47	0°♂		
	-4285 Mar 04 j 08:08	30°♂		evening rise	-4283 Aug 22 j 04:21	5°♂28'28		
direct	-4285 Mar 19 j 12:17	25°♂30'15			-4283 Sep 10 j 16:57	0°♂		
greatest brilliancy	-4285 Mar 31 j 23:11	28°♂15'14	-4.5m	desc. node	-4283 Sep 30 j 15:56	24°♂59'59		
	-4285 Apr 04 j 17:34	0°≈			-4283 Oct 04 j 15:57	0°♂		
desc. node	-4285 Apr 15 j 21:22	6°≈58'04			-4283 Oct 28 j 18:15	0°♂		
morning max el	-4285 May 07 j 09:10	25°≈18'07	45°50'04		-4283 Nov 22 j 01:33	0°♂		
	-4285 May 12 j 05:32	0°♂			-4283 Dec 16 j 17:33	0°♂		
	-4285 Jun 09 j 16:36	0°♂			-4282 Jan 11 j 02:18	0°≈		
	-4285 Jul 05 j 22:38	0°♂		asc. node	-4282 Jan 21 j 10:38	11°≈50'33		
	-4285 Jul 31 j 01:19	0°♂			-4282 Feb 06 j 21:58	0°♂		
asc. node	-4285 Aug 06 j 17:58	8°♂09'25		evening max el	-4282 Feb 25 j 10:05	18°♂51'45	45°12'42	
	-4285 Aug 24 j 11:01	0°♂			-4282 Mar 09 j 17:10	0°♂		
	-4285 Sep 17 j 10:41	0°♂		greatest brilliancy	-4282 Mar 31 j 15:35	14°♂48'06	-4.5m	
	-4285 Oct 11 j 06:03	0°♂		retrograde	-4282 Apr 14 j 14:37	18°♂10'59		
	-4285 Nov 04 j 01:26	0°♂		evening set	-4282 Apr 29 j 20:44	13°♂46'47		
morning set	-4285 Nov 05 j 05:18	1°♂27'36		inferior conj	-4282 May 06 j 01:13	10°♂06'14	1°40'38	
desc. node	-4285 Nov 26 j 14:38	28°♂17'47		minimum elong	-4282 May 06 j 04:48	10°♂00'38	1°39'38	
	-4285 Nov 27 j 23:19	0°♂		min. Earth dist.	-4282 May 06 j 18:47	9°♂38'54	0.28875 AU	
				morning rise	-4282 May 12 j 12:12	6°♂14'39		
superior conj	-4285 Dec 17 j 10:47	24°♂18'43	0°-45'-46	desc. node	-4282 May 13 j 08:43	5°♂47'08		
minimum elong	-4285 Dec 17 j 00:29	23°♂46'39	0°45'31	direct	-4282 May 27 j 19:57	1°♂46'48		
max. Earth dist.	-4285 Dec 22 j 01:32	0°♂03'28	1.72044 AU	greatest brilliancy	-4282 Jun 11 j 09:42	5°♂27'00	-4.5m	
	-4285 Dec 22 j 00:25	0°♂			-4282 Jul 13 j 16:36	0°♂		
	-4284 Jan 15 j 04:39	0°♂		morning max el	-4282 Jul 16 j 07:01	2°♂31'02	46°16'09	
evening rise	-4284 Jan 26 j 16:13	14°♂11'36			-4282 Aug 11 j 07:53	0°♂		
	-4284 Feb 08 j 12:05	0°≈		asc. node	-4282 Sep 03 j 05:35	26°♂26'29		
	-4284 Mar 03 j 23:31	0°♂			-4282 Sep 06 j 05:27	0°♂		
asc. node	-4284 Mar 18 j 08:48	17°♂30'47			-4282 Sep 30 j 23:04	0°♂		
	-4284 Mar 28 j 16:15	0°♂			-4282 Oct 25 j 04:13	0°♂		
	-4284 Apr 22 j 16:00	0°♂			-4282 Nov 18 j 05:42	0°♂		
	-4284 May 18 j 01:30	0°♂			-4282 Dec 12 j 08:11	0°♂		
desc. node	-4284 Jun 13 j 02:53	0°♂		desc. node	-4282 Dec 24 j 03:00	14°♂37'18		
	-4284 Jul 08 j 05:39	27°♂34'14			-4281 Jan 05 j 13:12	0°♂		
	-4284 Jul 10 j 13:04	0°♂		morning set	-4281 Jan 20 j 19:39	18°♂51'34		
evening max el	-4284 Jul 22 j 14:11	12°♂15'27	46°54'32		-4281 Jan 29 j 20:30	0°♂		
	-4284 Aug 11 j 07:57	0°♂			-4281 Feb 23 j 05:25	0°≈		
greatest brilliancy	-4284 Aug 31 j 05:21	12°♂08'18	-4.7m					
retrograde	-4284 Sep 10 j 18:53	14°♂12'10		superior conj	-4281 Feb 28 j 08:59	6°≈19'46	-1°-20'-25	
evening set	-4284 Sep 26 j 23:15	9°♂07'02		minimum elong	-4281 Feb 28 j 13:43	6°≈34'19	1°20'32	
inferior conj	-4284 Oct 01 j 08:01	6°♂30'49	-6°-26'00	max. Earth dist.	-4281 Mar 01 j 10:05	7°≈36'51	1.73493 AU	
minimum elong	-4284 Oct 01 j 18:49	6°♂14'24	6°23'28		-4281 Mar 19 j 15:27	0°♂		
min. Earth dist.	-4284 Oct 01 j 12:12	6°♂24'27	0.26452 AU	evening rise	-4281 Apr 06 j 02:38	21°♂25'35		
morning rise	-4284 Oct 06 j 14:24	3°♂25'07</						

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4275 Feb 01 j 03:13	0°♊				-4273 Aug 14 j 12:30	0°♎	
desc. node	-4275 Feb 17 j 02:47	18°♊39'06				-4273 Sep 09 j 16:02	0°♏	
	-4275 Feb 26 j 18:17	0°♐		evening max el		-4273 Oct 01 j 20:34	23°♏50'22	47°35'42
	-4275 Mar 24 j 00:45	0°♑				-4273 Oct 08 j 00:38	0°♐	
	-4275 Apr 18 j 00:22	0°♒		greatest brilliancy		-4273 Nov 08 j 21:59	24°♐40'41	-4.7m
	-4275 May 12 j 17:34	0°♓		retrograde		-4273 Nov 22 j 01:10	27°♐56'34	
	-4275 Jun 06 j 04:25	0°♈		asc. node		-4273 Nov 25 j 15:41	27°♐40'07	
morning set	-4275 Jun 06 j 13:25	0°♈27'46		evening set		-4273 Dec 06 j 23:03	23°♐25'43	
asc. node	-4275 Jun 09 j 22:03	4°♈36'39		min. Earth dist.		-4273 Dec 11 j 20:41	20°♐28'23	0.27314 AU
	-4275 Jun 30 j 09:19	0°♉		inferior conj		-4273 Dec 12 j 21:47	19°♐48'51	4°07'32
max. Earth dist.	-4275 Jul 08 j 15:42	10°♉18'29	1.72070 AU	minimum elong		-4273 Dec 12 j 13:54	20°♐01'17	4°05'15
				morning rise		-4273 Dec 18 j 05:32	16°♐34'43	
superior conj	-4275 Jul 13 j 02:03	15°♉50'40	1°07'24	direct		-4272 Jan 02 j 10:31	11°♐57'00	
minimum elong	-4275 Jul 12 j 17:24	15°♉23'39	1°07'21	greatest brilliancy		-4272 Jan 13 j 03:31	14°♐04'24	-4.6m
	-4275 Jul 24 j 09:29	0°♊				-4272 Feb 06 j 17:03	0°♊	
	-4275 Aug 17 j 07:01	0°♋		morning max el		-4272 Feb 20 j 13:43	12°♊35'05	46°04'10
evening rise	-4275 Aug 19 j 17:31	3°♋03'44				-4272 Mar 08 j 19:20	0°♋	
	-4275 Sep 10 j 04:22	0°♌		desc. node		-4272 Mar 16 j 14:27	8°♋17'17	
desc. node	-4275 Sep 29 j 18:03	24°♌30'21				-4272 Apr 05 j 07:15	0°♌	
	-4275 Oct 04 j 03:35	0°♍				-4272 May 01 j 11:23	0°♌	
	-4275 Oct 28 j 06:08	0°♎				-4272 May 26 j 21:02	0°♍	
	-4275 Nov 21 j 13:48	0°♏				-4272 Jun 20 j 17:03	0°♎	
	-4275 Dec 16 j 06:26	0°♐		asc. node		-4272 Jul 07 j 10:09	20°♎31'02	
	-4274 Jan 10 j 16:30	0°♑				-4272 Jul 15 j 02:04	0°♏	
asc. node	-4274 Jan 20 j 12:40	11°♑13'43				-4272 Aug 08 j 02:46	0°♐	
	-4274 Feb 06 j 15:24	0°♒		greatest brilliancy		-4272 Aug 12 j 13:07	5°♐33'57	-3.9m
evening max el	-4274 Feb 23 j 00:38	16°♒37'46	45°14'05	morning set		-4272 Aug 15 j 10:30	9°♐12'05	
	-4274 Mar 09 j 23:43	0°♓				-4272 Aug 31 j 22:27	0°♑	
greatest brilliancy	-4274 Mar 29 j 05:22	12°♓36'57	-4.5m					
retrograde	-4274 Apr 12 j 06:47	16°♓03'20		superior conj		-4272 Sep 23 j 21:43	29°♑00'29	1°07'23
evening set	-4274 Apr 27 j 14:36	11°♓36'13		minimum elong		-4272 Sep 24 j 08:33	29°♑34'40	1°07'11
inferior conj	-4274 May 03 j 17:40	7°♓57'42	1°59'25			-4272 Sep 24 j 16:34	0°♒	
minimum elong	-4274 May 03 j 21:54	7°♓51'08	1°58'15	max. Earth dist.		-4272 Sep 25 j 13:36	1°♒06'23	1.70857 AU
min. Earth dist.	-4274 May 04 j 11:42	7°♓29'40	0.28913 AU			-4272 Oct 18 j 11:50	0°♓	
morning rise	-4274 May 10 j 04:27	4°♓06'12		desc. node		-4272 Oct 27 j 06:35	11°♓02'08	
desc. node	-4274 May 12 j 10:54	2°♓55'29		evening rise		-4272 Nov 05 j 06:28	22°♓19'07	
	-4274 May 21 j 02:35	30°♒♌				-4272 Nov 11 j 09:45	0°♔	
direct	-4274 May 25 j 12:01	29°♒37'22				-4272 Dec 05 j 11:05	0°♊	
	-4274 May 29 j 23:56	0°♓				-4272 Dec 29 j 16:50	0°♐	
greatest brilliancy	-4274 Jun 09 j 02:29	3°♓17'49	-4.5m			-4271 Jan 23 j 05:09	0°♑	
	-4274 Jul 13 j 15:28	0°♈		asc. node		-4271 Feb 17 j 00:45	29°♑50'08	
morning max el	-4274 Jul 13 j 22:40	0°♈17'33	46°14'52			-4271 Feb 17 j 04:04	0°♌	
	-4274 Aug 11 j 00:01	0°♉				-4271 Mar 14 j 20:10	0°♍	
asc. node	-4274 Sep 02 j 07:43	25°♉51'06				-4271 Apr 10 j 18:26	0°♎	
	-4274 Sep 05 j 19:20	0°♊		evening max el		-4271 May 05 j 05:41	24°♎58'11	45°23'56
	-4274 Sep 30 j 11:54	0°♋				-4271 May 10 j 15:28	0°♏	
	-4274 Oct 24 j 16:31	0°♌		desc. node		-4271 Jun 08 j 22:25	21°♏10'19	
	-4274 Nov 17 j 17:39	0°♍		greatest brilliancy		-4271 Jun 11 j 07:06	22°♏10'14	-4.5m
	-4274 Dec 11 j 19:50	0°♎		retrograde		-4271 Jun 23 j 00:26	24°♏35'03	
desc. node	-4274 Dec 23 j 05:07	14°♎08'08		evening set		-4271 Jul 09 j 03:00	19°♏42'12	
	-4273 Jan 05 j 00:36	0°♏		inferior conj		-4271 Jul 14 j 01:09	16°♏48'25	-7°-13'-10
morning set	-4273 Jan 18 j 08:27	16°♏28'06		minimum elong		-4271 Jul 13 j 15:11	17°♏03'30	7°11'15
	-4273 Jan 29 j 07:44	0°♐		min. Earth dist.		-4271 Jul 14 j 07:29	16°♏38'50	0.27678 AU
	-4273 Feb 22 j 16:31	0°♑		morning rise		-4271 Jul 18 j 03:04	14°♏22'43	
				direct		-4271 Aug 04 j 05:17	8°♏53'08	
superior conj	-4273 Feb 26 j 01:38	4°♑09'23	-1°-21'-14	greatest brilliancy		-4271 Aug 18 j 08:28	12°♏29'06	-4.6m
minimum elong	-4273 Feb 26 j 05:45	4°♑22'03	1°21'22			-4271 Sep 11 j 13:06	0°♐	
max. Earth dist.	-4273 Feb 27 j 03:34	5°♑29'06	1.73461 AU	morning max el		-4271 Sep 23 j 20:05	11°♐53'22	46°48'27
	-4273 Mar 19 j 02:31	0°♒		asc. node		-4271 Sep 29 j 19:13	18°♐04'54	
evening rise	-4273 Apr 03 j 21:15	19°♒21'32				-4271 Oct 10 j 18:25	0°♑	
	-4273 Apr 12 j 13:37	0°♓				-4271 Nov 05 j 18:29	0°♒	
asc. node	-4273 Apr 14 j 23:23	2°♓57'00				-4271 Nov 30 j 18:39	0°♓	
	-4273 May 07 j 01:49	0°♈				-4271 Dec 25 j 11:28	0°♔	
	-4273 May 31 j 15:29	0°♉				-4270 Jan 19 j 02:56	0°♊	
	-4273 Jun 25 j 07:47	0°♊		desc. node		-4270 Jan 19 j 17:05	0°♋43'06	
	-4273 Jul 20 j 05:12	0°♋				-4270 Feb 12 j 18:20	0°♌	
desc. node	-4273 Aug 04 j 19:30	18°♋34'04				-4270 Mar 09 j 09:11	0°♍	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 27

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4270 Mar 29 j 14:32	24° 41 '45		evening set	-4268 Sep 22 j 06:03	3° 56 '55	
	-4270 Apr 02 j 22:38	0° 41 '		inferior conj	-4268 Sep 26 j 08:01	1° 30 '42	-6°-58'-50
	-4270 Apr 27 j 09:58	0° 41 '		minimum elong	-4268 Sep 26 j 18:41	1° 14 '28	6°56'32
max. Earth dist.	-4270 May 01 j 20:45	5° 28 '01	1.73574 AU	min. Earth dist.	-4268 Sep 26 j 14:25	1° 20 '57	0.26491 AU
					-4268 Sep 28 j 20:01	30° 34 '	
superior conj	-4270 May 04 j 11:56	8° 42 '16	0°-18'-35	morning rise	-4268 Oct 01 j 07:11	28° 34 '29	
minimum elong	-4270 May 04 j 15:29	8° 53 '12	0°18'25	direct	-4268 Oct 16 j 15:23	23° 55 '35	
asc. node	-4270 May 12 j 11:50	18° 32 '51		asc. node	-4268 Oct 27 j 06:23	26° 04 '11	
	-4270 May 21 j 18:46	0° 37 '40		greatest brilliancy	-4268 Oct 28 j 23:40	26° 46 '47	-4.7m
evening rise	-4270 Jun 09 j 02:14	22° 37 '40			-4268 Nov 04 j 03:35	0° 09 '57	46°41'57
	-4270 Jun 15 j 01:06	0° 37 '40		morning max el	-4268 Dec 06 j 03:32	27° 09 '57	46°41'57
	-4270 Jul 09 j 05:45	0° 37 '40			-4268 Dec 08 j 22:10	0° 09 '57	
	-4270 Aug 02 j 10:15	0° 37 '40			-4267 Jan 05 j 13:27	0° 09 '57	
	-4270 Aug 26 j 16:41	0° 37 '40			-4267 Jan 31 j 17:07	0° 09 '57	
desc. node	-4270 Sep 01 j 07:48	6° 55 '54		desc. node	-4267 Feb 16 j 05:02	18° 34 '29	
	-4270 Sep 20 j 03:27	0° 37 '40			-4267 Feb 26 j 06:54	0° 09 '57	
	-4270 Oct 14 j 22:11	0° 37 '40			-4267 Mar 23 j 12:35	0° 09 '57	
	-4270 Nov 09 j 09:02	0° 37 '40			-4267 Apr 17 j 11:45	0° 09 '57	
	-4270 Dec 06 j 11:29	0° 37 '40			-4267 May 12 j 04:41	0° 09 '57	
evening max el	-4270 Dec 11 j 20:59	5° 33 '01	46°30'38	morning set	-4267 Jun 04 j 07:34	28° 34 '29	
asc. node	-4270 Dec 23 j 03:08	16° 32 '57			-4267 Jun 05 j 15:24	0° 09 '57	
	-4269 Jan 09 j 03:45	0° 37 '40		asc. node	-4267 Jun 09 j 00:05	4° 09 '03	
greatest brilliancy	-4269 Jan 15 j 23:47	3° 59 '32	-4.6m		-4267 Jun 29 j 20:16	0° 09 '57	
retrograde	-4269 Jan 30 j 23:25	8° 01 '02		max. Earth dist.	-4267 Jul 06 j 09:12	8° 09 '06	1.72134 AU
evening set	-4269 Feb 17 j 17:30	1° 53 '29					
	-4269 Feb 20 j 17:21	30° 38 '28		superior conj	-4267 Jul 10 j 18:42	13° 38 '28	1°05'24
inferior conj	-4269 Feb 21 j 07:55	29° 36 '39	8°10'32	minimum elong	-4267 Jul 10 j 09:55	13° 11 '01	1°05'18
minimum elong	-4269 Feb 21 j 10:25	29° 32 '38	8°10'15		-4267 Jul 23 j 20:30	0° 09 '57	
min. Earth dist.	-4269 Feb 21 j 04:11	29° 32 '38	0.29221 AU		-4267 Aug 16 j 18:10	0° 09 '57	
morning rise	-4269 Feb 25 j 03:33	27° 12 '18		evening rise	-4267 Aug 17 j 06:46	0° 09 '57	
direct	-4269 Mar 14 j 21:52	21° 13 '08			-4267 Sep 09 j 15:43	0° 09 '57	
greatest brilliancy	-4269 Mar 27 j 00:37	23° 50 '06	-4.5m	desc. node	-4267 Sep 28 j 20:12	24° 01 '01	
	-4269 Apr 07 j 09:00	0° 37 '40			-4267 Oct 03 j 15:09	0° 09 '57	
desc. node	-4269 Apr 14 j 01:42	4° 47 '03			-4267 Oct 27 j 17:56	0° 09 '57	
morning max el	-4269 May 02 j 17:03	20° 58 '52	45°49'18		-4267 Nov 21 j 01:56	0° 09 '57	
	-4269 May 11 j 21:33	0° 37 '40			-4267 Dec 15 j 19:11	0° 09 '57	
	-4269 Jun 08 j 22:39	0° 37 '40			-4266 Jan 10 j 06:36	0° 09 '57	
	-4269 Jul 05 j 00:54	0° 37 '40		asc. node	-4266 Jan 19 j 14:49	10° 37 '41	
	-4269 Jul 30 j 01:48	0° 37 '40			-4266 Feb 06 j 08:59	0° 09 '57	
asc. node	-4269 Aug 04 j 22:06	7° 08 '11		evening max el	-4266 Feb 20 j 15:35	14° 25 '20	45°15'26
	-4269 Aug 23 j 10:35	0° 37 '40			-4266 Mar 10 j 08:33	0° 09 '57	
	-4269 Sep 16 j 09:44	0° 37 '40		greatest brilliancy	-4266 Mar 26 j 18:12	10° 25 '00	-4.5m
	-4269 Oct 10 j 04:47	0° 37 '40		retrograde	-4266 Apr 09 j 23:14	13° 55 '44	
morning set	-4269 Oct 31 j 01:07	26° 17 '01		evening set	-4266 Apr 25 j 08:29	9° 25 '27	
	-4269 Nov 02 j 23:59	0° 37 '40		inferior conj	-4266 May 01 j 09:59	5° 49 '02	2°18'08
desc. node	-4269 Nov 24 j 18:53	27° 20 '48		minimum elong	-4266 May 01 j 14:49	5° 41 '31	2°16'48
	-4269 Nov 26 j 21:44	0° 37 '40		min. Earth dist.	-4266 May 02 j 04:14	5° 20 '41	0.28957 AU
				morning rise	-4266 May 07 j 20:27	1° 58 '01	
superior conj	-4269 Dec 12 j 07:26	19° 14 '25	0°-39'-8	desc. node	-4266 May 11 j 13:01	0° 09 '57	
minimum elong	-4269 Dec 11 j 22:04	18° 45 '14	0°38'54		-4266 May 11 j 19:33	30° 38 '28	
max. Earth dist.	-4269 Dec 17 j 07:01	25° 26 '58	1.71924 AU	direct	-4266 May 23 j 04:25	27° 34 '29	
	-4269 Dec 20 j 22:43	0° 37 '40			-4266 Jun 04 j 04:15	0° 09 '57	
	-4268 Jan 14 j 02:51	0° 37 '40		greatest brilliancy	-4266 Jun 06 j 19:36	1° 09 '11	-4.5m
evening rise	-4268 Jan 21 j 20:04	9° 32 '41		morning max el	-4266 Jul 11 j 15:09	28° 06 '23	46°13'38
	-4268 Feb 07 j 10:18	0° 37 '40			-4266 Jul 13 j 13:25	0° 09 '57	
	-4268 Mar 02 j 22:00	0° 37 '40			-4266 Aug 10 j 15:48	0° 09 '57	
asc. node	-4268 Mar 16 j 13:07	16° 34 '31		asc. node	-4266 Sep 01 j 10:00	25° 16 '52	
	-4268 Mar 27 j 15:27	0° 37 '40			-4266 Sep 05 j 08:56	0° 09 '57	
	-4268 Apr 21 j 16:32	0° 37 '40			-4266 Sep 30 j 00:29	0° 09 '57	
	-4268 May 17 j 04:24	0° 37 '40			-4266 Oct 24 j 04:33	0° 09 '57	
	-4268 Jun 12 j 10:10	0° 37 '40			-4266 Nov 17 j 05:19	0° 09 '57	
desc. node	-4268 Jul 06 j 09:48	26° 01 '01			-4266 Dec 11 j 07:14	0° 09 '57	
	-4268 Jul 10 j 06:26	0° 37 '40		desc. node	-4266 Dec 22 j 07:06	13° 39 '19	
evening max el	-4268 Jul 17 j 14:55	7° 22 '19	46°48'08		-4265 Jan 04 j 11:45	0° 37 '40	
	-4268 Aug 13 j 01:04	0° 37 '40		morning set	-4265 Jan 15 j 21:19	14° 05 '33	
greatest brilliancy	-4268 Aug 26 j 09:44	7° 12 '23	-4.7m		-4265 Jan 28 j 18:40	0° 37 '40	
retrograde	-4268 Sep 05 j 17:23	9° 10 '44			-4265 Feb 22 j 03:18	0° 37 '40	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4265 Feb 23 j 18:24	2°≈00'11	-1°-21'-54	greatest brilliancy	-4263 Aug 15 j 22:49	10°II08'45	-4.6m
minimum elong	-4265 Feb 23 j 21:53	2°≈10'55	1°22'04		-4263 Sep 11 j 17:04	0°☾	
max. Earth dist.	-4265 Feb 24 j 22:39	3°≈27'05	1.73428 AU	morning max el	-4263 Sep 21 j 09:31	9°☾28'34	46°47'40
	-4265 Mar 18 j 13:17	0°☿		asc. node	-4263 Sep 28 j 21:17	17°☾16'55	
evening rise	-4265 Apr 01 j 15:59	17°☿18'48			-4263 Oct 10 j 12:05	0°♈	
	-4265 Apr 12 j 00:28	0°♑			-4263 Nov 05 j 09:05	0°♑	
asc. node	-4265 Apr 14 j 01:30	2°♑30'11			-4263 Nov 30 j 07:46	0°♊	
	-4265 May 06 j 12:54	0°♋			-4263 Dec 24 j 23:43	0°♋	
	-4265 May 31 j 02:59	0°♌		desc. node	-4262 Jan 18 j 19:17	0°♌14'18	
	-4265 Jun 24 j 19:54	0°☾			-4262 Jan 18 j 14:36	0°♍	
	-4265 Jul 19 j 18:15	0°♈			-4262 Feb 12 j 05:35	0°♎	
desc. node	-4265 Aug 03 j 21:42	17°♈59'40			-4262 Mar 08 j 20:08	0°≈	
	-4265 Aug 14 j 03:04	0°♑		morning set	-4262 Mar 27 j 08:57	22°≈38'28	
	-4265 Sep 09 j 09:30	0°♊			-4262 Apr 02 j 09:21	0°♋	
evening max el	-4265 Sep 29 j 11:53	21°♊29'42	47°36'17		-4262 Apr 26 j 20:35	0°♌	
	-4265 Oct 08 j 02:29	0°♋		max. Earth dist.	-4262 Apr 29 j 17:43	3°♌32'19	1.73595 AU
greatest brilliancy	-4265 Nov 06 j 13:56	22°♋18'27	-4.7m				
retrograde	-4265 Nov 19 j 16:24	25°♋33'04		superior conj	-4262 May 02 j 07:10	6°♌41'10	0°-21'-31
asc. node	-4265 Nov 24 j 17:46	25°♌00'28		minimum elong	-4262 May 02 j 11:15	6°♌53'43	0°21'19
evening set	-4265 Dec 04 j 11:44	21°♌04'43		asc. node	-4262 May 11 j 13:53	18°♌06'24	
min. Earth dist.	-4265 Dec 09 j 10:57	18°♌05'24	0.27241 AU		-4262 May 21 j 05:25	0°♍	
inferior conj	-4265 Dec 10 j 11:54	17°♌26'12	3°48'03	evening rise	-4262 Jun 06 j 21:29	20°♍35'29	
minimum elong	-4265 Dec 10 j 04:27	17°♌37'55	3°45'51		-4262 Jun 14 j 11:55	0°♎	
morning rise	-4265 Dec 15 j 22:02	14°♌09'22			-4262 Jul 08 j 16:50	0°☾	
direct	-4265 Dec 31 j 00:11	9°♌35'32			-4262 Aug 01 j 21:42	0°♈	
greatest brilliancy	-4264 Jan 10 j 16:55	11°♌43'23	-4.6m		-4262 Aug 26 j 04:37	0°♑	
	-4264 Feb 06 j 23:29	0°♍		desc. node	-4262 Aug 31 j 09:56	6°♑25'23	
morning max el	-4264 Feb 18 j 05:18	10°♍21'40	46°05'24		-4262 Sep 19 j 16:01	0°♊	
	-4264 Mar 08 j 13:03	0°♎			-4262 Oct 14 j 11:43	0°♋	
desc. node	-4264 Mar 15 j 16:34	7°♎38'50			-4262 Nov 09 j 00:22	0°♌	
	-4264 Apr 04 j 21:23	0°≈			-4262 Dec 06 j 07:28	0°♍	
	-4264 Apr 30 j 23:55	0°♋		evening max el	-4262 Dec 09 j 12:05	3°♎15'56	46°33'47
	-4264 May 26 j 08:44	0°♌		asc. node	-4262 Dec 22 j 05:18	15°♎27'35	
	-4264 Jun 20 j 04:19	0°♍			-4261 Jan 10 j 08:20	0°≈	
asc. node	-4264 Jul 06 j 12:17	20°♍03'20		greatest brilliancy	-4261 Jan 13 j 18:24	1°≈51'45	-4.6m
	-4264 Jul 14 j 13:08	0°♎		retrograde	-4261 Jan 28 j 16:03	5°≈51'42	
	-4264 Aug 07 j 13:46	0°☾		evening set	-4261 Feb 15 j 10:51	29°♎43'48	
greatest brilliancy	-4264 Aug 12 j 20:52	6°☾39'11	-3.9m		-4261 Feb 15 j 00:17	30°♏	
morning set	-4264 Aug 13 j 00:22	6°☾50'10		inferior conj	-4261 Feb 19 j 00:51	27°♎27'27	8°13'14
	-4264 Aug 31 j 09:28	0°♈		minimum elong	-4261 Feb 19 j 02:40	27°♎24'32	8°13'01
				min. Earth dist.	-4261 Feb 18 j 20:04	27°♎35'08	0.29184 AU
superior conj	-4264 Sep 21 j 08:13	26°♈27'16	1°09'38	morning rise	-4261 Feb 22 j 18:42	25°♎05'34	
minimum elong	-4264 Sep 21 j 18:38	27°♈00'08	1°09'27	direct	-4261 Mar 12 j 13:56	19°♎04'39	
max. Earth dist.	-4264 Sep 22 j 19:42	28°♈19'14	1.70857 AU	greatest brilliancy	-4261 Mar 24 j 14:07	21°♎38'33	-4.5m
	-4264 Sep 24 j 03:37	0°♑			-4261 Apr 08 j 04:01	0°≈	
	-4264 Oct 17 j 22:55	0°♊		desc. node	-4261 Apr 13 j 03:46	3°≈44'16	
desc. node	-4264 Oct 26 j 08:35	10°♊33'32		morning max el	-4261 Apr 30 j 08:10	18°≈47'42	45°49'11
evening rise	-4264 Nov 02 j 14:49	19°♊40'02			-4261 May 11 j 16:28	0°♋	
	-4264 Nov 10 j 20:53	0°♋			-4261 Jun 08 j 13:08	0°♌	
	-4264 Dec 04 j 22:18	0°♍			-4261 Jul 04 j 13:38	0°♍	
	-4264 Dec 29 j 04:12	0°♎			-4261 Jul 29 j 13:42	0°♎	
	-4263 Jan 22 j 16:49	0°≈		asc. node	-4261 Aug 04 j 00:22	6°♎39'05	
asc. node	-4263 Feb 16 j 02:59	29°≈20'23			-4261 Aug 22 j 22:04	0°☾	
	-4263 Feb 16 j 16:20	0°♋			-4261 Sep 15 j 21:01	0°♈	
	-4263 Mar 14 j 09:44	0°♌			-4261 Oct 09 j 15:59	0°♑	
	-4263 Apr 10 j 11:01	0°♍		morning set	-4261 Oct 28 j 10:50	23°♑41'22	
evening max el	-4263 May 02 j 20:58	22°♍45'35	45°21'58		-4261 Nov 02 j 11:08	0°♊	
	-4263 May 10 j 18:00	0°♎		desc. node	-4261 Nov 23 j 20:57	26°♊52'31	
desc. node	-4263 Jun 08 j 00:25	19°♎32'24			-4261 Nov 26 j 08:50	0°♋	
greatest brilliancy	-4263 Jun 08 j 18:50	19°♎50'57	-4.5m				
retrograde	-4263 Jun 20 j 13:32	22°♎16'46		superior conj	-4261 Dec 09 j 17:16	16°♎41'01	0°-35'-40
evening set	-4263 Jul 06 j 13:06	17°♎29'03		minimum elong	-4261 Dec 09 j 08:31	16°♎13'43	0°35'26
inferior conj	-4263 Jul 11 j 14:55	14°♎29'49	-6°-59'-36	max. Earth dist.	-4261 Dec 14 j 17:49	22°♎56'46	1.71860 AU
minimum elong	-4263 Jul 11 j 04:45	14°♎45'14	6°57'34		-4261 Dec 20 j 09:44	0°♌	
min. Earth dist.	-4263 Jul 11 j 21:20	14°♎20'04	0.27722 AU		-4260 Jan 13 j 13:48	0°♍	
morning rise	-4263 Jul 15 j 20:05	11°♎59'07		evening rise	-4260 Jan 19 j 09:24	7°♎11'42	
direct	-4263 Aug 01 j 20:03	6°♎33'48			-4260 Feb 06 j 21:16	0°≈	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4260 Mar 02 j 09:08	0° H			-4258 Aug 10 j 07:18	0° II	
asc. node	-4260 Mar 15 j 15:12	16° H 06'34		asc. node	-4258 Aug 31 j 11:59	24° II 42'00	
	-4260 Mar 27 j 02:57	0° Y			-4258 Sep 04 j 22:23	0° S	
	-4260 Apr 21 j 04:44	0° B			-4258 Sep 29 j 12:59	0° Q	
	-4260 May 16 j 17:49	0° II			-4258 Oct 23 j 16:31	0° M	
	-4260 Jun 12 j 01:54	0° S			-4258 Nov 16 j 16:58	0° A	
desc. node	-4260 Jul 05 j 12:04	25° S 14'48		desc. node	-4258 Dec 10 j 18:38	0° M	
	-4260 Jul 10 j 03:48	0° Q			-4258 Dec 21 j 09:18	13° M 11'00	
evening max el	-4260 Jul 15 j 02:37	4° Q 55'20	46°45'01		-4257 Jan 03 j 22:57	0° A	
	-4260 Aug 14 j 08:39	0° M		morning set	-4257 Jan 13 j 09:53	11° A 41'37	
greatest brilliancy	-4260 Aug 23 j 22:54	4° M 44'36	-4.7m		-4257 Jan 28 j 05:43	0° S	
retrograde	-4260 Sep 03 j 04:47	6° M 41'45					
evening set	-4260 Sep 19 j 21:28	1° M 22'56		superior conj	-4257 Feb 21 j 10:37	29° S 48'46	-1°-22'-29
	-4260 Sep 22 j 05:43	30° R Q		minimum elong	-4257 Feb 21 j 13:26	29° S 57'28	1°22'39
inferior conj	-4260 Sep 23 j 20:07	29° Q 01'51	-7°-13'-40		-4257 Feb 21 j 14:16	0° \approx	
minimum elong	-4260 Sep 24 j 06:36	28° Q 45'56	7°11'32	max. Earth dist.	-4257 Feb 22 j 18:07	1° \approx 25'40	1.73396 AU
min. Earth dist.	-4260 Sep 24 j 03:31	28° Q 50'38	0.26522 AU		-4257 Mar 18 j 00:12	0° H	
morning rise	-4260 Sep 28 j 15:34	26° Q 10'58		evening rise	-4257 Mar 30 j 10:15	15° H 14'09	
direct	-4260 Oct 14 j 03:26	21° Q 25'59			-4257 Apr 11 j 11:27	0° Y	
asc. node	-4260 Oct 26 j 08:30	24° Q 13'27		asc. node	-4257 Apr 13 j 03:31	2° Y 02'41	
greatest brilliancy	-4260 Oct 26 j 15:05	24° Q 20'40	-4.7m		-4257 May 06 j 00:07	0° B	
	-4260 Nov 05 j 13:15	0° M			-4257 May 30 j 14:37	0° II	
morning max el	-4260 Dec 03 j 16:48	24° M 43'26	46°42'58		-4257 Jun 24 j 08:11	0° S	
	-4260 Dec 08 j 19:53	0° A			-4257 Jul 19 j 07:32	0° Q	
	-4259 Jan 05 j 05:34	0° M		desc. node	-4257 Aug 02 j 23:49	17° Q 24'22	
	-4259 Jan 31 j 06:55	0° A			-4257 Aug 13 j 17:55	0° M	
desc. node	-4259 Feb 15 j 07:09	17° A 35'41			-4257 Sep 09 j 03:27	0° A	
	-4259 Feb 25 j 19:24	0° S		evening max el	-4257 Sep 27 j 04:05	19° A 11'03	47°36'43
	-4259 Mar 23 j 00:18	0° \approx			-4257 Oct 08 j 05:52	0° M	
	-4259 Apr 16 j 22:59	0° H		greatest brilliancy	-4257 Nov 04 j 06:15	19° M 56'30	-4.7m
	-4259 May 11 j 15:39	0° Y		retrograde	-4257 Nov 17 j 07:37	23° M 09'03	
morning set	-4259 Jun 02 j 01:56	26° Y 17'06		asc. node	-4257 Nov 23 j 19:54	22° M 14'58	
	-4259 Jun 05 j 02:15	0° B		evening set	-4257 Dec 02 j 00:41	18° M 43'15	
asc. node	-4259 Jun 08 j 02:14	3° B 42'13		min. Earth dist.	-4257 Dec 07 j 01:12	15° M 42'07	0.27170 AU
	-4259 Jun 29 j 07:06	0° II		inferior conj	-4257 Dec 08 j 02:00	15° M 03'12	3°28'12
max. Earth dist.	-4259 Jul 04 j 03:22	6° II 02'13	1.72194 AU	minimum elong	-4257 Dec 07 j 19:03	15° M 14'06	3°26'05
				morning rise	-4257 Dec 13 j 14:23	11° M 43'41	
superior conj	-4259 Jul 08 j 11:46	11° II 27'56	1°03'18	direct	-4257 Dec 28 j 14:10	7° M 13'54	
minimum elong	-4259 Jul 08 j 02:54	11° II 00'15	1°03'12	greatest brilliancy	-4256 Jan 08 j 05:46	9° M 21'15	-4.6m
	-4259 Jul 23 j 07:24	0° S			-4256 Feb 07 j 04:06	0° A	
evening rise	-4259 Aug 14 j 20:42	28° S 17'56		morning max el	-4256 Feb 15 j 20:27	8° A 06'34	46°06'24
	-4259 Aug 16 j 05:12	0° Q			-4256 Mar 08 j 06:37	0° S	
	-4259 Sep 09 j 02:57	0° M		desc. node	-4256 Mar 14 j 18:36	6° S 59'46	
desc. node	-4259 Sep 27 j 22:13	23° M 31'43			-4256 Apr 04 j 11:40	0° \approx	
	-4259 Oct 03 j 02:37	0° A			-4256 Apr 30 j 12:40	0° H	
	-4259 Oct 27 j 05:41	0° M			-4256 May 25 j 20:39	0° Y	
	-4259 Nov 20 j 14:06	0° A			-4256 Jun 19 j 15:46	0° B	
	-4259 Dec 15 j 08:04	0° S		asc. node	-4256 Jul 05 j 14:28	19° B 35'10	
	-4258 Jan 09 j 20:57	0° \approx			-4256 Jul 14 j 00:21	0° II	
asc. node	-4258 Jan 18 j 17:03	10° \approx 01'17			-4256 Aug 07 j 00:56	0° S	
	-4258 Feb 06 j 03:06	0° H		morning set	-4256 Aug 10 j 14:21	4° S 28'11	
evening max el	-4258 Feb 18 j 07:23	12° H 14'46	45°17'04		-4256 Aug 30 j 20:40	0° Q	
	-4258 Mar 10 j 20:38	0° Y					
greatest brilliancy	-4258 Mar 24 j 08:00	8° Y 14'17	-4.5m	superior conj	-4256 Sep 18 j 19:08	23° Q 54'41	1°11'42
retrograde	-4258 Apr 07 j 16:02	11° Y 48'10		minimum elong	-4256 Sep 19 j 05:03	24° Q 26'00	1°11'35
evening set	-4258 Apr 23 j 02:36	7° Y 14'48		max. Earth dist.	-4256 Sep 19 j 22:22	25° Q 20'40	1.70862 AU
inferior conj	-4258 Apr 29 j 02:22	3° Y 40'26	2°36'28		-4256 Sep 23 j 14:53	0° M	
minimum elong	-4258 Apr 29 j 07:46	3° Y 32'01	2°35'00		-4256 Oct 17 j 10:13	0° A	
min. Earth dist.	-4258 Apr 29 j 20:24	3° Y 12'23	0.28995 AU	desc. node	-4256 Oct 25 j 10:41	10° A 04'34	
	-4258 May 05 j 05:15	30° R H		evening rise	-4256 Oct 30 j 23:19	17° A 00'39	
morning rise	-4258 May 05 j 12:21	29° H 50'11			-4256 Nov 10 j 08:14	0° M	
desc. node	-4258 May 10 j 15:05	27° H 23'07			-4256 Dec 04 j 09:44	0° A	
direct	-4258 May 20 j 21:19	25° H 18'30			-4256 Dec 28 j 15:46	0° S	
greatest brilliancy	-4258 Jun 04 j 12:00	28° H 59'56	-4.5m		-4255 Jan 22 j 04:43	0° \approx	
	-4258 Jun 06 j 12:26	0° Y		asc. node	-4255 Feb 15 j 04:58	28° \approx 49'04	
morning max el	-4258 Jul 09 j 08:11	25° Y 56'56	46°12'22		-4255 Feb 16 j 04:55	0° H	
	-4258 Jul 13 j 10:32	0° B			-4255 Mar 13 j 23:46	0° Y	

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 30

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4255 Apr 10 j 04:22	0°♄		morning set	-4253 Oct 25 j 20:34	21°♎04'46	
evening max el	-4255 Apr 30 j 11:36	20°♄30'18	45°20'07		-4253 Nov 01 j 22:33	0°♊	
	-4255 May 10 j 22:42	0°♈		desc. node	-4253 Nov 22 j 23:05	26°♊23'36	
greatest brilliancy	-4255 Jun 06 j 07:15	17°♈31'35	-4.5m		-4253 Nov 25 j 20:12	0°♈	
desc. node	-4255 Jun 07 j 02:40	17°♈50'08					
retrograde	-4255 Jun 18 j 02:21	19°♈58'03		superior conj	-4253 Dec 07 j 02:57	14°♈06'09	0°-32'-6
evening set	-4255 Jul 03 j 23:27	15°♈15'09		minimum elong	-4253 Dec 06 j 18:52	13°♈40'57	0°31'52
inferior conj	-4255 Jul 09 j 04:49	12°♈10'51	-6°-45'-27	max. Earth dist.	-4253 Dec 12 j 02:06	20°♈17'45	1.71801 AU
minimum elong	-4255 Jul 08 j 18:30	12°♈26'31	6°43'17		-4253 Dec 19 j 21:03	0°♈	
min. Earth dist.	-4255 Jul 09 j 11:38	12°♈00'30	0.27764 AU		-4252 Jan 13 j 01:03	0°♈	
morning rise	-4255 Jul 13 j 13:10	9°♈35'14		evening rise	-4252 Jan 16 j 22:36	4°♈49'20	
direct	-4255 Jul 30 j 10:26	4°♈14'02			-4252 Feb 06 j 08:32	0°♈	
greatest brilliancy	-4255 Aug 13 j 13:57	7°♈48'54	-4.6m		-4252 Mar 01 j 20:34	0°♈	
	-4255 Sep 11 j 19:44	0°♈		asc. node	-4252 Mar 14 j 17:18	15°♈37'50	
morning max el	-4255 Sep 18 j 22:04	7°♈00'47	46°46'50		-4252 Mar 26 j 14:46	0°♈	
asc. node	-4255 Sep 27 j 23:26	16°♈29'07			-4252 Apr 20 j 17:17	0°♈	
	-4255 Oct 10 j 05:40	0°♈			-4252 May 16 j 07:40	0°♈	
	-4255 Nov 04 j 23:46	0°♈			-4252 Jun 11 j 18:18	0°♈	
	-4255 Nov 29 j 21:05	0°♈		desc. node	-4252 Jul 04 j 14:07	24°♈26'00	
	-4255 Dec 24 j 12:12	0°♈			-4252 Jul 10 j 02:32	0°♈	
desc. node	-4254 Jan 17 j 21:24	29°♈44'23		evening max el	-4252 Jul 12 j 14:41	2°♈28'12	46°41'50
	-4254 Jan 18 j 02:31	0°♈			-4252 Aug 16 j 08:04	0°♈	
	-4254 Feb 11 j 17:06	0°♈		greatest brilliancy	-4252 Aug 21 j 10:56	2°♈14'09	-4.6m
	-4254 Mar 08 j 07:20	0°♈		retrograde	-4252 Aug 31 j 16:36	4°♈11'12	
morning set	-4254 Mar 25 j 03:14	20°♈33'48			-4252 Sep 15 j 08:12	30°♈	
	-4254 Apr 01 j 20:23	0°♈		evening set	-4252 Sep 17 j 12:38	28°♈47'16	
	-4254 Apr 26 j 07:33	0°♈		inferior conj	-4252 Sep 21 j 08:00	26°♈31'16	-7°-27'-43
max. Earth dist.	-4254 Apr 27 j 13:24	1°♈31'38	1.73620 AU	minimum elong	-4252 Sep 21 j 18:13	26°♈15'49	7°25'47
				min. Earth dist.	-4252 Sep 21 j 16:00	26°♈19'10	0.26552 AU
superior conj	-4254 Apr 30 j 02:17	4°♈38'40	0°-24'-25	morning rise	-4252 Sep 25 j 23:35	23°♈46'12	
minimum elong	-4254 Apr 30 j 06:52	4°♈52'47	0°24'13	direct	-4252 Oct 11 j 15:43	18°♈54'48	
asc. node	-4254 May 10 j 16:03	17°♈39'11		greatest brilliancy	-4252 Oct 24 j 05:52	21°♈52'38	-4.7m
	-4254 May 20 j 16:27	0°♈		asc. node	-4252 Oct 25 j 10:42	22°♈25'55	
evening rise	-4254 Jun 04 j 16:35	18°♈31'43			-4252 Nov 06 j 13:57	0°♈	
	-4254 Jun 13 j 23:07	0°♈		morning max el	-4252 Dec 01 j 06:41	22°♈17'36	46°43'59
	-4254 Jul 08 j 04:16	0°♈			-4252 Dec 08 j 17:09	0°♈	
	-4254 Aug 01 j 09:30	0°♈			-4251 Jan 04 j 21:40	0°♈	
	-4254 Aug 25 j 16:53	0°♈			-4251 Jan 30 j 20:48	0°♈	
desc. node	-4254 Aug 30 j 11:55	5°♈53'26		desc. node	-4251 Feb 14 j 09:07	17°♈02'50	
	-4254 Sep 19 j 04:58	0°♈			-4251 Feb 25 j 08:04	0°♈	
	-4254 Oct 14 j 01:42	0°♈			-4251 Mar 22 j 12:13	0°♈	
	-4254 Nov 08 j 16:17	0°♈			-4251 Apr 16 j 10:26	0°♈	
	-4254 Dec 06 j 04:30	0°♈			-4251 May 11 j 02:49	0°♈	
evening max el	-4254 Dec 07 j 02:32	0°♈56'02	46°36'58	morning set	-4251 May 30 j 20:32	24°♈12'31	
asc. node	-4254 Dec 21 j 07:34	14°♈29'11			-4251 Jun 04 j 13:17	0°♈	
greatest brilliancy	-4253 Jan 11 j 12:10	29°♈41'40	-4.6m	asc. node	-4251 Jun 07 j 04:24	3°♈14'49	
	-4253 Jan 12 j 03:01	0°♈			-4251 Jun 28 j 18:09	0°♈	
retrograde	-4253 Jan 26 j 08:43	3°♈41'30		max. Earth dist.	-4251 Jul 01 j 21:25	3°♈54'21	1.72258 AU
	-4253 Feb 08 j 21:48	30°♈					
evening set	-4253 Feb 13 j 03:54	27°♈33'28		superior conj	-4251 Jul 06 j 04:54	9°♈17'00	1°01'07
inferior conj	-4253 Feb 16 j 17:47	25°♈17'20	8°15'14	minimum elong	-4251 Jul 05 j 20:02	8°♈49'20	1°01'00
minimum elong	-4253 Feb 16 j 18:54	25°♈15'33	8°15'02		-4251 Jul 22 j 18:33	0°♈	
min. Earth dist.	-4253 Feb 16 j 12:04	25°♈26'32	0.29146 AU	evening rise	-4251 Aug 12 j 10:36	25°♈55'25	
morning rise	-4253 Feb 20 j 10:05	22°♈57'41			-4251 Aug 15 j 16:32	0°♈	
direct	-4253 Mar 10 j 05:39	16°♈55'06			-4251 Sep 08 j 14:29	0°♈	
greatest brilliancy	-4253 Mar 22 j 04:34	19°♈27'16	-4.5m	desc. node	-4251 Sep 27 j 00:20	23°♈01'49	
	-4253 Apr 08 j 18:36	0°♈			-4251 Oct 02 j 14:22	0°♈	
desc. node	-4253 Apr 12 j 05:55	2°♈42'22			-4251 Oct 26 j 17:42	0°♈	
morning max el	-4253 Apr 27 j 23:20	16°♈35'44	45°49'03		-4251 Nov 20 j 02:30	0°♈	
	-4253 May 11 j 11:14	0°♈			-4251 Dec 14 j 21:12	0°♈	
	-4253 Jun 08 j 03:50	0°♈			-4250 Jan 09 j 11:39	0°♈	
	-4253 Jul 04 j 02:42	0°♈		asc. node	-4250 Jan 17 j 19:04	9°♈23'25	
	-4253 Jul 29 j 01:58	0°♈			-4250 Feb 05 j 21:52	0°♈	
asc. node	-4253 Aug 03 j 02:23	6°♈08'05		evening max el	-4250 Feb 15 j 23:49	10°♈05'06	45°18'43
	-4253 Aug 22 j 09:54	0°♈			-4250 Mar 11 j 13:09	0°♈	
	-4253 Sep 15 j 08:37	0°♈		greatest brilliancy	-4250 Mar 21 j 23:16	6°♈05'02	-4.5m
	-4253 Oct 09 j 03:27	0°♈		retrograde	-4250 Apr 05 j 08:51	9°♈40'13	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4250 Apr 20 j 20:55	5°Υ04'00		max. Earth dist.	-4248 Sep 16 j 23:30	22°Ω17'45	1.70873 AU
inferior conj	-4250 Apr 26 j 18:48	1°Υ31'38	2°54'31		-4248 Sep 23 j 02:00	0°η	
minimum elong	-4250 Apr 27 j 00:45	1°Υ22'22	2°52'56		-4248 Oct 16 j 21:24	0°♄	
min. Earth dist.	-4250 Apr 27 j 12:27	1°Υ04'10	0.29029 AU	desc. node	-4248 Oct 24 j 12:51	9°♁36'09	
	-4250 Apr 29 j 05:58	30°℞℥		evening rise	-4248 Oct 28 j 07:47	14°♁21'23	
morning rise	-4250 May 03 j 04:07	27°℥42'15			-4248 Nov 09 j 19:30	0°ℓ	
desc. node	-4250 May 09 j 17:17	24°℥42'51			-4248 Dec 03 j 21:07	0°♁	
direct	-4250 May 18 j 14:30	23°℥09'17			-4248 Dec 28 j 03:18	0°♄	
greatest brilliancy	-4250 Jun 02 j 03:09	26°℥49'01	-4.5m		-4247 Jan 21 j 16:34	0°≈	
	-4250 Jun 08 j 00:45	0°Υ		asc. node	-4247 Feb 14 j 07:08	28°≈18'29	
morning max el	-4250 Jul 07 j 00:49	23°Υ46'28	46°11'02		-4247 Feb 15 j 17:28	0°℥	
	-4250 Jul 13 j 07:01	0°♄			-4247 Mar 13 j 13:47	0°Υ	
	-4250 Aug 09 j 22:41	0°♄			-4247 Apr 09 j 21:54	0°♄	
asc. node	-4250 Aug 30 j 14:09	24°♄07'27		evening max el	-4247 Apr 28 j 01:24	18°♄13'44	45°18'22
	-4250 Sep 04 j 11:54	0°♄			-4247 May 11 j 05:10	0°♄	
	-4250 Sep 29 j 01:37	0°Ω		greatest brilliancy	-4247 Jun 03 j 19:29	15°♄12'50	-4.5m
	-4250 Oct 23 j 04:40	0°η		desc. node	-4247 Jun 06 j 04:47	16°♄04'38	
	-4250 Nov 16 j 04:47	0°♄		retrograde	-4247 Jun 15 j 15:26	17°♄40'39	
	-4250 Dec 10 j 06:10	0°ℓ		evening set	-4247 Jul 01 j 10:01	13°♄01'59	
desc. node	-4250 Dec 20 j 11:23	12°ℓ41'58		inferior conj	-4247 Jul 06 j 18:50	9°♄53'04	-6°-30'-43
	-4249 Jan 03 j 10:15	0°♁		minimum elong	-4247 Jul 06 j 08:27	10°♄08'52	6°28'25
morning set	-4249 Jan 10 j 22:07	9°♁16'22		min. Earth dist.	-4247 Jul 07 j 02:14	9°♄41'50	0.27806 AU
	-4249 Jan 27 j 16:50	0°♄		morning rise	-4247 Jul 11 j 06:23	7°♄12'40	
				direct	-4247 Jul 28 j 00:30	1°♄55'15	
superior conj	-4249 Feb 19 j 02:37	27°♄36'25	-1°-22'-56	greatest brilliancy	-4247 Aug 11 j 06:12	5°♄31'37	-4.6m
minimum elong	-4249 Feb 19 j 04:43	27°♄42'56	1°23'07		-4247 Sep 11 j 20:39	0°♄	
max. Earth dist.	-4249 Feb 20 j 15:24	29°♄29'38	1.73361 AU	morning max el	-4247 Sep 16 j 10:45	4°♄34'25	46°46'11
	-4249 Feb 21 j 01:16	0°≈		asc. node	-4247 Sep 27 j 01:39	15°♄43'09	
	-4249 Mar 17 j 11:11	0°℥			-4247 Oct 09 j 22:33	0°Ω	
evening rise	-4249 Mar 28 j 04:30	13°℥09'14			-4247 Nov 04 j 14:01	0°η	
	-4249 Apr 10 j 22:31	0°Υ			-4247 Nov 29 j 10:03	0°♄	
asc. node	-4249 Apr 12 j 05:44	1°Υ35'31			-4247 Dec 24 j 00:26	0°ℓ	
	-4249 May 05 j 11:24	0°♄		desc. node	-4246 Jan 16 j 23:23	29°ℓ14'43	
	-4249 May 30 j 02:18	0°♄			-4246 Jan 17 j 14:14	0°♁	
	-4249 Jun 23 j 20:32	0°♄			-4246 Feb 11 j 04:24	0°♄	
	-4249 Jul 18 j 20:53	0°Ω			-4246 Mar 07 j 18:20	0°≈	
desc. node	-4249 Aug 02 j 01:50	16°Ω48'40		morning set	-4246 Mar 22 j 21:10	18°≈28'42	
	-4249 Aug 13 j 08:57	0°η			-4246 Apr 01 j 07:10	0°℥	
	-4249 Sep 08 j 21:52	0°♄		max. Earth dist.	-4246 Apr 25 j 09:59	29°℥34'34	1.73643 AU
evening max el	-4249 Sep 24 j 20:05	16°♄51'23	47°36'43		-4246 Apr 25 j 18:16	0°Υ	
	-4249 Oct 08 j 11:14	0°ℓ					
greatest brilliancy	-4249 Nov 01 j 23:20	17°ℓ34'28	-4.7m	superior conj	-4246 Apr 27 j 21:17	2°Υ36'42	0°-27'-18
retrograde	-4249 Nov 14 j 22:11	20°ℓ43'24		minimum elong	-4246 Apr 28 j 02:22	2°Υ52'19	0°27'05
asc. node	-4249 Nov 22 j 22:07	19°ℓ22'13		asc. node	-4246 May 09 j 18:10	17°Υ12'40	
evening set	-4249 Nov 29 j 13:33	16°ℓ20'18			-4246 May 20 j 03:14	0°♄	
min. Earth dist.	-4249 Dec 04 j 15:31	13°ℓ17'01	0.27097 AU	evening rise	-4246 Jun 02 j 11:48	16°♄29'16	
inferior conj	-4249 Dec 05 j 15:49	12°ℓ38'54	3°07'35		-4246 Jun 13 j 10:04	0°♄	
minimum elong	-4249 Dec 05 j 09:27	12°ℓ48'53	3°05'36		-4246 Jul 07 j 15:29	0°♄	
morning rise	-4249 Dec 11 j 06:21	9°ℓ16'36			-4246 Jul 31 j 21:03	0°Ω	
direct	-4249 Dec 26 j 03:49	4°ℓ51'07			-4246 Aug 25 j 04:54	0°η	
greatest brilliancy	-4248 Jan 05 j 18:35	6°ℓ57'58	-4.6m	desc. node	-4246 Aug 29 j 14:08	5°η23'02	
	-4248 Feb 07 j 07:09	0°♁			-4246 Sep 18 j 17:37	0°♄	
morning max el	-4248 Feb 13 j 10:28	5°♁48'19	46°07'31		-4246 Oct 13 j 15:23	0°ℓ	
	-4248 Mar 07 j 23:49	0°♄			-4246 Nov 08 j 07:59	0°♁	
desc. node	-4248 Mar 13 j 20:50	6°♄21'44		evening max el	-4246 Dec 04 j 17:00	28°♁37'08	46°40'02
	-4248 Apr 04 j 01:44	0°≈			-4246 Dec 06 j 01:49	0°♄	
	-4248 Apr 30 j 01:16	0°℥		asc. node	-4246 Dec 20 j 09:34	13°♄29'50	
	-4248 May 25 j 08:27	0°Υ		greatest brilliancy	-4245 Jan 09 j 05:02	27°♄30'59	-4.6m
	-4248 Jun 19 j 03:07	0°♄			-4245 Jan 15 j 02:57	0°≈	
asc. node	-4248 Jul 04 j 16:30	19°♄06'50		retrograde	-4245 Jan 24 j 01:39	1°≈31'59	
	-4248 Jul 13 j 11:29	0°♄			-4245 Feb 01 j 16:50	30°℞♄	
	-4248 Aug 06 j 11:59	0°♄		evening set	-4245 Feb 10 j 20:37	25°♄23'55	
morning set	-4248 Aug 08 j 04:49	2°♄08'12		inferior conj	-4245 Feb 14 j 10:42	23°♄07'41	8°16'30
	-4248 Aug 30 j 07:44	0°Ω		minimum elong	-4245 Feb 14 j 11:07	23°♄07'01	8°16'19
				min. Earth dist.	-4245 Feb 14 j 03:52	23°♄18'38	0.29110 AU
superior conj	-4248 Sep 16 j 06:32	21°Ω24'13	1°13'37	morning rise	-4245 Feb 18 j 01:46	20°♄50'01	
minimum elong	-4248 Sep 16 j 15:55	21°Ω53'48	1°13'32	direct	-4245 Mar 07 j 21:21	14°♄45'57	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4245 Mar 19 j 19:54	17° $\overline{\text{C}}$ 17'37	-4.5m	desc. node	-4243 Sep 26 j 02:29	22° $\overline{\text{M}}$ 32'57	
	-4245 Apr 09 j 05:10	0° \approx			-4243 Oct 02 j 01:51	0° $\underline{\text{A}}$	
desc. node	-4245 Apr 11 j 08:05	1° \approx 42'40			-4243 Oct 26 j 05:27	0° $\overline{\text{M}}$	
morning max el	-4245 Apr 25 j 15:11	14° \approx 26'13	45°49'02		-4243 Nov 19 j 14:39	0° $\overline{\text{A}}$	
	-4245 May 11 j 05:13	0° H			-4243 Dec 14 j 10:05	0° $\overline{\text{C}}$	
	-4245 Jun 07 j 18:01	0° Y			-4242 Jan 09 j 02:08	0° \approx	
	-4245 Jul 03 j 15:19	0° B		asc. node	-4242 Jan 16 j 21:16	8° \approx 46'53	
	-4245 Jul 28 j 13:50	0° $\overline{\text{I}}$			-4242 Feb 05 j 16:41	0° H	
asc. node	-4245 Aug 02 j 04:30	5° $\overline{\text{I}}$ 38'31		evening max el	-4242 Feb 13 j 16:18	7° H 56'40	45°20'22
	-4245 Aug 21 j 21:22	0° $\overline{\text{C}}$			-4242 Mar 12 j 10:42	0° Y	
	-4245 Sep 14 j 19:52	0° $\underline{\text{O}}$		greatest brilliancy	-4242 Mar 19 j 15:27	3° Y 58'12	-4.5m
	-4245 Oct 08 j 14:36	0° $\overline{\text{M}}$		retrograde	-4242 Apr 03 j 01:24	7° Y 33'34	
morning set	-4245 Oct 23 j 06:47	18° $\overline{\text{M}}$ 30'47		evening set	-4242 Apr 18 j 15:31	2° Y 54'35	
	-4245 Nov 01 j 09:37	0° $\underline{\text{A}}$			-4242 Apr 23 j 12:31	30° R H	
desc. node	-4245 Nov 22 j 01:10	25° $\underline{\text{A}}$ 55'40		inferior conj	-4242 Apr 24 j 11:25	29° H 24'17	3°12'17
	-4245 Nov 25 j 07:11	0° $\overline{\text{M}}$		minimum elong	-4242 Apr 24 j 17:52	29° H 14'13	3°10'34
				min. Earth dist.	-4242 Apr 25 j 04:47	28° H 57'12	0.29063 AU
superior conj	-4245 Dec 04 j 12:53	11° $\overline{\text{M}}$ 33'10	0°-28'-28	morning rise	-4242 Apr 30 j 19:51	25° H 35'46	
minimum elong	-4245 Dec 04 j 05:33	11° $\overline{\text{M}}$ 10'16	0°28'17	desc. node	-4242 May 08 j 19:22	22° H 08'22	
max. Earth dist.	-4245 Dec 09 j 10:45	17° $\overline{\text{M}}$ 41'01	1.71743 AU	direct	-4242 May 16 j 07:53	21° H 01'34	
	-4245 Dec 19 j 07:58	0° $\overline{\text{A}}$		greatest brilliancy	-4242 May 30 j 17:45	24° H 38'22	-4.5m
	-4244 Jan 12 j 11:56	0° $\overline{\text{C}}$			-4242 Jun 09 j 01:55	0° Y	
evening rise	-4244 Jan 14 j 11:59	2° $\overline{\text{C}}$ 28'39		morning max el	-4242 Jul 04 j 16:48	21° Y 35'14	46°09'41
	-4244 Feb 05 j 19:28	0° \approx			-4242 Jul 13 j 02:37	0° B	
	-4244 Mar 01 j 07:41	0° H			-4242 Aug 09 j 13:37	0° $\overline{\text{I}}$	
asc. node	-4244 Mar 13 j 19:30	15° H 10'20		asc. node	-4242 Aug 29 j 16:25	23° $\overline{\text{I}}$ 34'07	
	-4244 Mar 26 j 02:17	0° Y			-4242 Sep 04 j 01:03	0° $\overline{\text{C}}$	
	-4244 Apr 20 j 05:33	0° B			-4242 Sep 28 j 13:55	0° $\underline{\text{O}}$	
	-4244 May 15 j 21:17	0° $\overline{\text{I}}$			-4242 Oct 22 j 16:31	0° $\overline{\text{M}}$	
	-4244 Jun 11 j 10:34	0° $\overline{\text{C}}$			-4242 Nov 15 j 16:19	0° $\underline{\text{A}}$	
desc. node	-4244 Jul 03 j 16:10	23° $\overline{\text{C}}$ 37'31			-4242 Dec 09 j 17:28	0° $\overline{\text{M}}$	
evening max el	-4244 Jul 10 j 03:40	0° $\underline{\text{O}}$ 04'43	46°38'40	desc. node	-4242 Dec 19 j 13:24	12° $\overline{\text{M}}$ 13'20	
	-4244 Jul 10 j 01:44	0° $\underline{\text{O}}$			-4241 Jan 02 j 21:21	0° $\overline{\text{A}}$	
greatest brilliancy	-4244 Aug 18 j 22:04	29° $\underline{\text{O}}$ 44'18	-4.6m	morning set	-4241 Jan 08 j 10:21	6° $\overline{\text{A}}$ 51'35	
	-4244 Aug 19 j 15:53	0° $\overline{\text{M}}$			-4241 Jan 27 j 03:45	0° $\overline{\text{C}}$	
retrograde	-4244 Aug 29 j 04:51	1° $\overline{\text{M}}$ 42'01					
	-4244 Sep 07 j 08:52	30° R $\underline{\text{O}}$		superior conj	-4241 Feb 16 j 18:41	25° $\overline{\text{C}}$ 24'54	-1°-23'-14
evening set	-4244 Sep 15 j 03:51	26° $\underline{\text{O}}$ 12'59		minimum elong	-4241 Feb 16 j 20:03	25° $\overline{\text{C}}$ 29'09	1°23'26
inferior conj	-4244 Sep 18 j 19:55	24° $\underline{\text{O}}$ 01'55	-7°-40'-55	max. Earth dist.	-4241 Feb 18 j 13:29	27° $\overline{\text{C}}$ 36'39	1.73319 AU
minimum elong	-4244 Sep 19 j 05:46	23° $\underline{\text{O}}$ 47'01	7°39'09		-4241 Feb 20 j 12:04	0° \approx	
min. Earth dist.	-4244 Sep 19 j 04:07	23° $\underline{\text{O}}$ 49'31	0.26584 AU		-4241 Mar 16 j 21:56	0° H	
morning rise	-4244 Sep 23 j 07:33	21° $\underline{\text{O}}$ 22'48		evening rise	-4241 Mar 25 j 22:51	11° H 05'21	
direct	-4244 Oct 09 j 04:40	16° $\underline{\text{O}}$ 25'02			-4241 Apr 10 j 09:21	0° Y	
greatest brilliancy	-4244 Oct 21 j 19:58	19° $\underline{\text{O}}$ 24'55	-4.7m	asc. node	-4241 Apr 11 j 07:51	1° Y 08'49	
asc. node	-4244 Oct 24 j 12:50	20° $\underline{\text{O}}$ 43'31			-4241 May 04 j 22:30	0° B	
	-4244 Nov 07 j 07:41	0° $\overline{\text{M}}$			-4241 May 29 j 13:52	0° $\overline{\text{I}}$	
morning max el	-4244 Nov 28 j 21:03	19° $\overline{\text{M}}$ 54'08	46°45'04		-4241 Jun 23 j 08:47	0° $\overline{\text{C}}$	
	-4244 Dec 08 j 13:17	0° $\underline{\text{A}}$			-4241 Jul 18 j 10:11	0° $\underline{\text{O}}$	
	-4243 Jan 04 j 13:06	0° $\overline{\text{M}}$		desc. node	-4241 Aug 01 j 04:03	16° $\underline{\text{O}}$ 13'43	
	-4243 Jan 30 j 10:09	0° $\overline{\text{A}}$			-4241 Aug 13 j 00:00	0° $\overline{\text{M}}$	
desc. node	-4243 Feb 13 j 11:22	16° $\overline{\text{A}}$ 32'10			-4241 Sep 08 j 16:33	0° $\underline{\text{A}}$	
	-4243 Feb 24 j 20:16	0° $\overline{\text{C}}$		evening max el	-4241 Sep 22 j 11:00	14° $\underline{\text{A}}$ 29'25	47°36'36
	-4243 Mar 21 j 23:44	0° \approx			-4241 Oct 08 j 18:30	0° $\overline{\text{M}}$	
	-4243 Apr 15 j 21:31	0° H		greatest brilliancy	-4241 Oct 30 j 17:03	15° $\overline{\text{M}}$ 13'30	-4.7m
	-4243 May 10 j 13:40	0° Y		retrograde	-4241 Nov 12 j 12:09	18° $\overline{\text{M}}$ 17'52	
morning set	-4243 May 28 j 15:13	22° Y 09'15		asc. node	-4241 Nov 22 j 00:11	16° $\overline{\text{M}}$ 24'18	
	-4243 Jun 04 j 00:01	0° B		evening set	-4241 Nov 27 j 02:35	13° $\overline{\text{M}}$ 57'13	
asc. node	-4243 Jun 06 j 06:27	2° B 47'59		min. Earth dist.	-4241 Dec 02 j 06:12	10° $\overline{\text{M}}$ 51'33	0.27029 AU
	-4243 Jun 28 j 04:52	0° $\overline{\text{I}}$		inferior conj	-4241 Dec 03 j 05:36	10° $\overline{\text{M}}$ 14'49	2°46'26
max. Earth dist.	-4243 Jun 29 j 14:11	1° $\overline{\text{I}}$ 43'40	1.72318 AU	minimum elong	-4241 Dec 02 j 23:52	10° $\overline{\text{M}}$ 23'50	2°44'37
				morning rise	-4241 Dec 08 j 22:08	6° $\overline{\text{M}}$ 49'43	
superior conj	-4243 Jul 03 j 22:10	7° $\overline{\text{I}}$ 07'36	0°58'51	direct	-4241 Dec 23 j 17:03	2° $\overline{\text{M}}$ 28'22	
minimum elong	-4243 Jul 03 j 13:20	6° $\overline{\text{I}}$ 40'05	0°58'43	greatest brilliancy	-4240 Jan 03 j 08:21	4° $\overline{\text{M}}$ 35'33	-4.6m
	-4243 Jul 22 j 05:22	0° $\overline{\text{C}}$			-4240 Feb 07 j 08:40	0° $\overline{\text{A}}$	
evening rise	-4243 Aug 10 j 00:45	23° $\overline{\text{C}}$ 34'46		morning max el	-4240 Feb 10 j 23:38	3° $\overline{\text{A}}$ 27'57	46°08'45
	-4243 Aug 15 j 03:32	0° $\underline{\text{O}}$			-4240 Mar 07 j 16:36	0° $\overline{\text{C}}$	
	-4243 Sep 08 j 01:43	0° $\overline{\text{M}}$		desc. node	-4240 Mar 12 j 22:55	5° $\overline{\text{C}}$ 43'52	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4240 Apr 03 j 15:33	0°≈			-4238 Nov 08 j 00:20	0°≈	
	-4240 Apr 29 j 13:40	0°✕		evening max el	-4238 Dec 02 j 07:57	26°≈18'21	46°43'14
	-4240 May 24 j 20:06	0°∇			-4238 Dec 06 j 00:25	0°⊖	
	-4240 Jun 18 j 14:22	0°⋈		asc. node	-4238 Dec 19 j 11:47	12°⊖28'22	
asc. node	-4240 Jul 03 j 18:41	18°⋈39'10		greatest brilliancy	-4237 Jan 06 j 21:28	25°⊖18'22	-4.6m
	-4240 Jul 12 j 22:34	0°♊		retrograde	-4237 Jan 21 j 18:55	29°⊖20'52	
morning set	-4240 Aug 05 j 19:15	29°♊48'06		evening set	-4237 Feb 08 j 12:51	23°⊖13'03	
	-4240 Aug 05 j 23:03	0°☾		inferior conj	-4237 Feb 12 j 03:22	20°⊖56'18	8°17'02
	-4240 Aug 29 j 18:49	0°♋		minimum elong	-4237 Feb 12 j 03:06	20°⊖56'44	8°16'51
				min. Earth dist.	-4237 Feb 11 j 19:06	21°⊖09'33	0.29070 AU
superior conj	-4240 Sep 13 j 17:55	18°♋53'33	1°15'22	morning rise	-4237 Feb 15 j 17:32	18°⊖40'15	
minimum elong	-4240 Sep 14 j 02:40	19°♋21'10	1°15'19	direct	-4237 Mar 05 j 13:08	12°⊖35'05	
max. Earth dist.	-4240 Sep 14 j 00:14	19°♋13'29	1.70889 AU	greatest brilliancy	-4237 Mar 17 j 10:37	15°⊖06'01	-4.5m
	-4240 Sep 22 j 13:08	0°♌			-4237 Apr 09 j 13:27	0°≈	
	-4240 Oct 16 j 08:36	0°♍		desc. node	-4237 Apr 10 j 10:10	0°≈43'04	
desc. node	-4240 Oct 23 j 14:52	9°♍07'11		morning max el	-4237 Apr 23 j 07:46	12°≈17'28	45°49'07
evening rise	-4240 Oct 25 j 16:02	11°♍41'30			-4237 May 10 j 23:10	0°✕	
	-4240 Nov 09 j 06:48	0°♎			-4237 Jun 07 j 08:23	0°∇	
	-4240 Dec 03 j 08:31	0°♏			-4237 Jul 03 j 04:10	0°⋈	
	-4240 Dec 27 j 14:54	0°⊖			-4237 Jul 28 j 01:54	0°♊	
	-4239 Jan 21 j 04:30	0°≈		asc. node	-4237 Aug 01 j 06:46	5°♊08'44	
asc. node	-4239 Feb 13 j 09:22	27°≈47'46			-4237 Aug 21 j 09:03	0°☾	
	-4239 Feb 15 j 06:08	0°✕			-4237 Sep 14 j 07:22	0°♋	
	-4239 Mar 13 j 04:00	0°∇			-4237 Oct 08 j 02:01	0°♌	
	-4239 Apr 09 j 15:52	0°⋈		morning set	-4237 Oct 20 j 16:53	15°♌55'19	
evening max el	-4239 Apr 25 j 14:55	15°⋈56'42	45°16'51		-4237 Oct 31 j 21:01	0°♍	
	-4239 May 11 j 14:01	0°♊		desc. node	-4237 Nov 21 j 03:14	25°♍26'35	
greatest brilliancy	-4239 Jun 01 j 06:38	12°♊53'19	-4.5m		-4237 Nov 24 j 18:33	0°♎	
desc. node	-4239 Jun 05 j 06:48	14°♊15'18					
retrograde	-4239 Jun 13 j 05:00	15°♊23'58		superior conj	-4237 Dec 01 j 22:09	8°♎56'43	0°-24'-43
evening set	-4239 Jun 28 j 20:52	10°♊48'50		minimum elong	-4237 Dec 01 j 15:39	8°♎36'26	0°24'33
inferior conj	-4239 Jul 04 j 08:59	7°♊35'41	-6°-15'-20	max. Earth dist.	-4237 Dec 06 j 19:24	15°♎02'55	1.71689 AU
minimum elong	-4239 Jul 03 j 22:35	7°♊51'28	6°12'58		-4237 Dec 18 j 19:16	0°♏	
min. Earth dist.	-4239 Jul 04 j 16:50	7°♊23'45	0.27852 AU		-4236 Jan 11 j 23:12	0°⊖	
morning rise	-4239 Jul 08 j 23:45	4°♊50'41		evening rise	-4236 Jan 12 j 00:46	0°⊖04'51	
	-4239 Jul 21 j 04:32	30°♋			-4236 Feb 05 j 06:47	0°≈	
direct	-4239 Jul 25 j 14:46	29°⋈36'38			-4236 Feb 29 j 19:12	0°✕	
	-4239 Jul 30 j 03:12	0°♊		asc. node	-4236 Mar 12 j 21:34	14°✕41'14	
greatest brilliancy	-4239 Aug 08 j 23:28	3°♊15'50	-4.6m		-4236 Mar 25 j 14:15	0°∇	
	-4239 Sep 11 j 20:35	0°☾			-4236 Apr 19 j 18:17	0°⋈	
morning max el	-4239 Sep 14 j 00:26	2°☾10'17	46°45'23		-4236 May 15 j 11:25	0°♊	
asc. node	-4239 Sep 26 j 03:45	14°☾56'59			-4236 Jun 11 j 03:31	0°☾	
	-4239 Oct 09 j 15:19	0°♋		desc. node	-4236 Jul 02 j 18:28	22°☾47'58	
	-4239 Nov 04 j 04:18	0°♌		evening max el	-4236 Jul 07 j 17:30	27°☾42'44	46°35'36
	-4239 Nov 28 j 23:07	0°♍			-4236 Jul 10 j 02:19	0°♋	
	-4239 Dec 23 j 12:45	0°♎		greatest brilliancy	-4236 Aug 16 j 09:09	27°♋14'21	-4.6m
desc. node	-4238 Jan 16 j 01:38	28°♎45'27		retrograde	-4236 Aug 26 j 17:15	29°♋12'34	
	-4238 Jan 17 j 02:02	0°♏		evening set	-4236 Sep 12 j 19:09	23°♋38'53	
	-4238 Feb 10 j 15:50	0°⊖		inferior conj	-4236 Sep 16 j 07:58	21°♋32'23	-7°-53'-2
	-4238 Mar 07 j 05:29	0°≈		minimum elong	-4236 Sep 16 j 17:25	21°♋18'07	7°51'26
morning set	-4238 Mar 20 j 14:59	16°≈22'37		min. Earth dist.	-4236 Sep 16 j 16:03	21°♋20'10	0.26616 AU
	-4238 Mar 31 j 18:08	0°✕		morning rise	-4236 Sep 20 j 15:35	18°♋59'08	
max. Earth dist.	-4238 Apr 23 j 07:33	27°✕39'55	1.73662 AU	direct	-4236 Oct 06 j 17:57	13°♋55'21	
	-4238 Apr 25 j 05:10	0°∇		greatest brilliancy	-4236 Oct 19 j 09:05	16°♋55'32	-4.7m
				asc. node	-4236 Oct 23 j 14:58	19°♋04'27	
superior conj	-4238 Apr 25 j 16:23	0°∇34'27	0°-30'-9		-4236 Nov 07 j 21:18	0°♌	
minimum elong	-4238 Apr 25 j 21:56	0°∇51'30	0°29'55	morning max el	-4236 Nov 26 j 11:12	17°♌29'00	46°45'44
asc. node	-4238 May 08 j 20:14	16°∇45'27			-4236 Dec 08 j 09:14	0°♍	
	-4238 May 19 j 14:10	0°⋈			-4235 Jan 04 j 04:46	0°♎	
evening rise	-4238 May 31 j 07:16	14°⋈27'13			-4235 Jan 29 j 23:52	0°♏	
	-4238 Jun 12 j 21:10	0°♊		desc. node	-4235 Feb 12 j 13:28	15°♏59'45	
	-4238 Jul 07 j 02:51	0°☾			-4235 Feb 24 j 08:52	0°⊖	
	-4238 Jul 31 j 08:48	0°♋			-4235 Mar 21 j 11:39	0°≈	
	-4238 Aug 24 j 17:11	0°♌			-4235 Apr 15 j 09:00	0°✕	
desc. node	-4238 Aug 28 j 16:14	4°♌51'31			-4235 May 10 j 00:54	0°∇	
	-4238 Sep 18 j 06:39	0°♍		morning set	-4235 May 26 j 09:46	20°∇04'24	
	-4238 Oct 13 j 05:32	0°♎			-4235 Jun 03 j 11:09	0°⋈	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4235 Jun 05 j 08:37	2°♄20'20		min. Earth dist.	-4233 Nov 29 j 21:13	8°♌25'43	0.26961 AU
max. Earth dist.	-4235 Jun 27 j 04:54	29°♄25'29	1.72377 AU	inferior conj	-4233 Nov 30 j 19:30	7°♌50'45	2°25'04
	-4235 Jun 27 j 15:59	0°♄		minimum elong	-4233 Nov 30 j 14:25	7°♌58'43	2°23'25
				morning rise	-4233 Dec 06 j 13:53	4°♌23'04	
superior conj	-4235 Jul 01 j 15:31	4°♄57'25	0°56'30	direct	-4233 Dec 21 j 05:51	0°♌05'27	
minimum elong	-4235 Jul 01 j 06:47	4°♄30'11	0°56'22	greatest brilliancy	-4233 Dec 31 j 22:53	2°♌13'54	-4.6m
	-4235 Jul 21 j 16:34	0°♄			-4232 Feb 07 j 09:02	0°♄	
evening rise	-4235 Aug 07 j 15:13	21°♄14'07		morning max el	-4232 Feb 08 j 12:35	1°♄06'34	46°09'55
	-4235 Aug 14 j 14:53	0°♄			-4232 Mar 07 j 09:12	0°♄	
	-4235 Sep 07 j 13:15	0°♄		desc. node	-4232 Mar 12 j 00:59	5°♄05'47	
desc. node	-4235 Sep 25 j 04:30	22°♄02'50			-4232 Apr 03 j 05:27	0°♄	
	-4235 Oct 01 j 13:36	0°♄			-4232 Apr 29 j 02:15	0°♄	
	-4235 Oct 25 j 17:30	0°♌			-4232 May 24 j 07:57	0°♌	
	-4235 Nov 19 j 03:10	0°♄			-4232 Jun 18 j 01:49	0°♄	
	-4235 Dec 13 j 23:27	0°♄		asc. node	-4232 Jul 02 j 20:51	18°♄10'55	
asc. node	-4234 Jan 08 j 17:16	0°♄			-4232 Jul 12 j 09:50	0°♄	
	-4234 Jan 15 j 23:29	8°♄08'39		morning set	-4232 Aug 03 j 09:36	27°♄27'19	
	-4234 Feb 05 j 12:39	0°♄			-4232 Aug 05 j 10:15	0°♄	
evening max el	-4234 Feb 11 j 08:08	5°♄44'58	45°22'05		-4232 Aug 29 j 06:03	0°♄	
	-4234 Mar 13 j 17:58	0°♌					
greatest brilliancy	-4234 Mar 17 j 07:55	1°♌49'59	-4.5m	superior conj	-4232 Sep 11 j 05:19	16°♌22'27	1°16'58
retrograde	-4234 Mar 31 j 17:27	5°♌25'11		minimum elong	-4232 Sep 11 j 13:23	16°♌47'53	1°16'57
evening set	-4234 Apr 16 j 10:04	0°♌43'18		max. Earth dist.	-4232 Sep 11 j 03:54	16°♌17'57	1.70909 AU
	-4234 Apr 17 j 16:20	30°♌			-4232 Sep 22 j 00:25	0°♌	
inferior conj	-4234 Apr 22 j 03:56	27°♌15'20	3°29'43		-4232 Oct 15 j 19:58	0°♌	
minimum elong	-4234 Apr 22 j 10:50	27°♌04'31	3°27'54	desc. node	-4232 Oct 22 j 16:59	8°♌38'11	
min. Earth dist.	-4234 Apr 22 j 21:15	26°♌48'14	0.29095 AU	evening rise	-4232 Oct 23 j 00:26	9°♌01'33	
morning rise	-4234 Apr 28 j 11:15	23°♌27'45			-4232 Nov 08 j 18:13	0°♌	
desc. node	-4234 May 07 j 21:28	19°♌36'22			-4232 Dec 02 j 20:00	0°♄	
direct	-4234 May 14 j 00:35	18°♌52'14			-4232 Dec 27 j 02:31	0°♄	
greatest brilliancy	-4234 May 28 j 07:58	22°♌25'44	-4.5m		-4231 Jan 20 j 16:29	0°♄	
	-4234 Jun 09 j 21:11	0°♌		asc. node	-4231 Feb 12 j 11:22	27°♄16'17	
morning max el	-4234 Jul 02 j 07:54	19°♌20'37	46°08'24		-4231 Feb 14 j 18:52	0°♄	
	-4234 Jul 12 j 22:07	0°♄			-4231 Mar 12 j 18:25	0°♌	
	-4234 Aug 09 j 04:45	0°♄			-4231 Apr 09 j 10:22	0°♄	
asc. node	-4234 Aug 28 j 18:24	22°♄59'04		evening max el	-4231 Apr 23 j 05:11	13°♄41'21	45°15'24
	-4234 Sep 03 j 14:28	0°♄			-4231 May 12 j 02:10	0°♄	
	-4234 Sep 28 j 02:29	0°♄		greatest brilliancy	-4231 May 29 j 16:58	10°♄32'42	-4.5m
	-4234 Oct 22 j 04:34	0°♌		desc. node	-4231 Jun 04 j 09:04	12°♄21'31	
	-4234 Nov 15 j 04:04	0°♌		retrograde	-4231 Jun 10 j 19:05	13°♄07'09	
	-4234 Dec 09 j 04:58	0°♌		evening set	-4231 Jun 26 j 07:55	8°♄35'16	
desc. node	-4234 Dec 18 j 15:36	11°♌44'40		inferior conj	-4231 Jul 01 j 23:08	5°♄18'04	-5°-59'-18
	-4233 Jan 02 j 08:40	0°♄		minimum elong	-4231 Jul 01 j 12:48	5°♄33'44	5°56'52
morning set	-4233 Jan 05 j 22:29	4°♄25'42		min. Earth dist.	-4231 Jul 02 j 07:11	5°♄05'52	0.27899 AU
	-4233 Jan 26 j 14:56	0°♄		morning rise	-4231 Jul 06 j 17:08	2°♄28'40	
					-4231 Jul 11 j 12:55	30°♄	
superior conj	-4233 Feb 14 j 10:27	23°♄11'31	-1°-23'-25	direct	-4231 Jul 23 j 05:30	27°♄17'55	
minimum elong	-4233 Feb 14 j 11:05	23°♄13'28	1°23'38		-4231 Aug 04 j 11:14	0°♄	
max. Earth dist.	-4233 Feb 16 j 09:46	25°♄37'10	1.73279 AU	greatest brilliancy	-4231 Aug 06 j 16:43	1°♄00'07	-4.6m
	-4233 Feb 19 j 23:10	0°♄		morning max el	-4231 Sep 11 j 15:05	29°♄48'44	46°44'30
	-4233 Mar 16 j 09:01	0°♄			-4231 Sep 11 j 19:32	0°♄	
evening rise	-4233 Mar 23 j 16:43	8°♄58'55		asc. node	-4231 Sep 25 j 05:55	14°♄11'29	
	-4233 Apr 09 j 20:32	0°♌			-4231 Oct 09 j 07:49	0°♄	
asc. node	-4233 Apr 10 j 09:54	0°♌40'53			-4231 Nov 03 j 18:28	0°♌	
	-4233 May 04 j 09:56	0°♄			-4231 Nov 28 j 12:06	0°♌	
	-4233 May 29 j 01:47	0°♄			-4231 Dec 23 j 01:01	0°♌	
	-4233 Jun 22 j 21:26	0°♄		desc. node	-4230 Jan 15 j 03:42	28°♌15'54	
	-4233 Jul 17 j 23:56	0°♄			-4230 Jan 16 j 13:46	0°♄	
desc. node	-4233 Jul 31 j 06:08	15°♄37'11			-4230 Feb 10 j 03:08	0°♄	
	-4233 Aug 12 j 15:35	0°♌			-4230 Mar 06 j 16:30	0°♄	
	-4233 Sep 08 j 12:01	0°♌		morning set	-4230 Mar 18 j 09:00	14°♄17'30	
evening max el	-4233 Sep 20 j 01:05	12°♄04'39	47°36'32		-4230 Mar 31 j 04:59	0°♄	
	-4233 Oct 09 j 04:36	0°♌		max. Earth dist.	-4230 Apr 21 j 06:58	25°♄51'15	1.73684 AU
greatest brilliancy	-4233 Oct 28 j 10:59	12°♌52'19	-4.7m				
retrograde	-4233 Nov 10 j 01:57	15°♌52'18		superior conj	-4230 Apr 23 j 11:34	28°♄32'45	0°-32'-56
asc. node	-4233 Nov 21 j 02:22	13°♌21'07		minimum elong	-4230 Apr 23 j 17:34	28°♄51'10	0°32'42
evening set	-4233 Nov 24 j 15:52	11°♌33'37			-4230 Apr 24 j 15:58	0°♌	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4230 May 07 j 22:26	16° Υ 18'53		-4228 Dec 08 j 04:20	0° $\underline{\Omega}$	
	-4230 May 19 j 01:03	0° \mathcal{B}		-4227 Jan 03 j 19:54	0° \mathcal{M}	
evening rise	-4230 May 29 j 02:44	12° \mathcal{B} 25'25		-4227 Jan 29 j 13:09	0° \mathcal{A}	
	-4230 Jun 12 j 08:13	0° Π		desc. node	-4227 Feb 11 j 15:28	15° \mathcal{A} 28'05
	-4230 Jul 06 j 14:11	0° \mathcal{E}			-4227 Feb 23 j 21:05	0° \mathcal{Z}
	-4230 Jul 30 j 20:31	0° Ω			-4227 Mar 20 j 23:11	0° \approx
	-4230 Aug 24 j 05:26	0° \mathcal{M}			-4227 Apr 14 j 20:06	0° \mathcal{H}
desc. node	-4230 Aug 27 j 18:15	4° \mathcal{M} 19'52			-4227 May 09 j 11:43	0° Υ
	-4230 Sep 17 j 19:39	0° $\underline{\Omega}$		morning set	-4227 May 24 j 04:44	18° Υ 02'12
	-4230 Oct 12 j 19:43	0° \mathcal{M}			-4227 Jun 02 j 21:51	0° \mathcal{B}
	-4230 Nov 07 j 16:50	0° \mathcal{A}		asc. node	-4227 Jun 04 j 10:47	1° \mathcal{B} 54'00
evening max el	-4230 Nov 30 j 00:04	24° \mathcal{A} 02'46	46°46'27	max. Earth dist.	-4227 Jun 24 j 20:48	27° \mathcal{B} 12'22 1.72441 AU
	-4230 Dec 05 j 23:47	0° \mathcal{Z}			-4227 Jun 27 j 02:42	0° Π
asc. node	-4230 Dec 18 j 14:01	11° \mathcal{Z} 25'51				
greatest brilliancy	-4229 Jan 04 j 14:37	23° \mathcal{Z} 07'14	-4.6m	superior conj	-4227 Jun 29 j 09:18	2° Π 49'54 0°54'06
retrograde	-4229 Jan 19 j 12:37	27° \mathcal{Z} 10'16		minimum elong	-4227 Jun 29 j 00:42	2° Π 23'07 0°53'58
evening set	-4229 Feb 06 j 04:55	21° \mathcal{Z} 03'18			-4227 Jul 21 j 03:25	0° \mathcal{E}
inferior conj	-4229 Feb 09 j 20:06	18° \mathcal{Z} 45'34	8°16'53	evening rise	-4227 Aug 05 j 06:01	18° \mathcal{E} 55'35
minimum elong	-4229 Feb 09 j 19:08	18° \mathcal{Z} 47'08	8°16'42		-4227 Aug 14 j 01:56	0° Ω
min. Earth dist.	-4229 Feb 09 j 10:06	19° \mathcal{Z} 01'34	0.29022 AU		-4227 Sep 07 j 00:32	0° \mathcal{M}
morning rise	-4229 Feb 13 j 09:34	16° \mathcal{Z} 30'49		desc. node	-4227 Sep 24 j 06:38	21° \mathcal{M} 33'46
direct	-4229 Mar 03 j 05:23	10° \mathcal{Z} 25'12			-4227 Oct 01 j 01:08	0° $\underline{\Omega}$
greatest brilliancy	-4229 Mar 15 j 00:10	12° \mathcal{Z} 54'08	-4.5m		-4227 Oct 25 j 05:20	0° \mathcal{M}
desc. node	-4229 Apr 09 j 12:18	29° \mathcal{Z} 45'52			-4227 Nov 18 j 15:28	0° \mathcal{A}
	-4229 Apr 09 j 18:56	0° \approx			-4227 Dec 13 j 12:37	0° \mathcal{Z}
morning max el	-4229 Apr 21 j 00:42	10° \approx 10'37	45°49'08		-4226 Jan 08 j 08:16	0° \approx
	-4229 May 10 j 16:23	0° \mathcal{H}		asc. node	-4226 Jan 15 j 01:29	7° \approx 30'26
	-4229 Jun 06 j 22:21	0° Υ			-4226 Feb 05 j 08:49	0° \mathcal{H}
	-4229 Jul 02 j 16:44	0° \mathcal{B}		evening max el	-4226 Feb 08 j 23:15	3° \mathcal{H} 32'29 45°23'56
	-4229 Jul 27 j 13:47	0° Π		greatest brilliancy	-4226 Mar 15 j 00:04	29° \mathcal{H} 42'41 -4.5m
asc. node	-4229 Jul 31 j 08:46	4° Π 38'39			-4226 Mar 15 j 15:06	0° Υ
	-4229 Aug 20 j 20:33	0° \mathcal{E}		retrograde	-4226 Mar 29 j 09:35	3° Υ 18'45
	-4229 Sep 13 j 18:41	0° Ω			-4226 Apr 11 j 11:20	30° \mathcal{R} \mathcal{H}
	-4229 Oct 07 j 13:15	0° \mathcal{M}		evening set	-4226 Apr 14 j 04:54	28° \mathcal{H} 33'39
morning set	-4229 Oct 18 j 02:59	13° \mathcal{M} 20'34		inferior conj	-4226 Apr 19 j 20:43	25° \mathcal{H} 08'24 3°46'40
	-4229 Oct 31 j 08:12	0° $\underline{\Omega}$		minimum elong	-4226 Apr 20 j 04:02	24° \mathcal{H} 56'56 3°44'48
desc. node	-4229 Nov 20 j 05:24	24° $\underline{\Omega}$ 58'28		min. Earth dist.	-4226 Apr 20 j 14:14	24° \mathcal{H} 40'55 0.29122 AU
	-4229 Nov 24 j 05:41	0° \mathcal{M}		morning rise	-4226 Apr 26 j 02:45	21° \mathcal{H} 21'58
				desc. node	-4226 May 06 j 23:40	17° \mathcal{H} 10'54
superior conj	-4229 Nov 29 j 07:15	6° \mathcal{M} 20'20	0°-20'-55	direct	-4226 May 11 j 16:57	16° \mathcal{H} 44'50
minimum elong	-4229 Nov 29 j 01:40	6° \mathcal{M} 02'53	0°20'46	greatest brilliancy	-4226 May 25 j 22:45	20° \mathcal{H} 15'39 -4.5m
max. Earth dist.	-4229 Dec 04 j 06:13	12° \mathcal{M} 32'07	1.71635 AU		-4226 Jun 10 j 10:45	0° Υ
	-4229 Dec 18 j 06:20	0° \mathcal{A}		morning max el	-4226 Jun 29 j 22:52	17° Υ 07'20 46°07'14
evening rise	-4228 Jan 09 j 13:28	27° \mathcal{A} 41'27			-4226 Jul 12 j 16:30	0° \mathcal{B}
	-4228 Jan 11 j 10:14	0° \mathcal{Z}			-4226 Aug 08 j 19:12	0° Π
	-4228 Feb 04 j 17:51	0° \approx		asc. node	-4226 Aug 27 j 20:35	22° Π 26'05
	-4228 Feb 29 j 06:27	0° \mathcal{H}			-4226 Sep 03 j 03:22	0° \mathcal{E}
asc. node	-4228 Mar 11 j 23:42	14° \mathcal{H} 13'19			-4226 Sep 27 j 14:39	0° Ω
	-4228 Mar 25 j 01:52	0° Υ			-4226 Oct 21 j 16:21	0° \mathcal{M}
	-4228 Apr 19 j 06:41	0° \mathcal{B}			-4226 Nov 14 j 15:33	0° $\underline{\Omega}$
	-4228 May 15 j 01:19	0° Π			-4226 Dec 08 j 16:13	0° \mathcal{M}
	-4228 Jun 10 j 20:27	0° \mathcal{E}		desc. node	-4226 Dec 17 j 17:40	11° \mathcal{M} 16'22
desc. node	-4228 Jul 01 j 20:28	21° \mathcal{E} 57'31			-4225 Jan 01 j 19:44	0° \mathcal{A}
evening max el	-4228 Jul 05 j 07:22	25° \mathcal{E} 21'35	46°32'11	morning set	-4225 Jan 03 j 10:04	1° \mathcal{A} 58'47
	-4228 Jul 10 j 03:52	0° Ω			-4225 Jan 26 j 01:51	0° \mathcal{Z}
greatest brilliancy	-4228 Aug 13 j 21:06	24° Ω 45'48	-4.6m			
retrograde	-4228 Aug 24 j 05:11	26° Ω 43'11		superior conj	-4225 Feb 12 j 01:56	20° \mathcal{Z} 58'08 -1°-23'-29
evening set	-4228 Sep 10 j 10:11	21° Ω 05'28		minimum elong	-4225 Feb 12 j 01:47	20° \mathcal{Z} 57'41 1°23'41
inferior conj	-4228 Sep 13 j 19:56	19° Ω 03'15	-8°-4'-8	max. Earth dist.	-4225 Feb 14 j 04:20	23° \mathcal{Z} 33'20 1.73235 AU
minimum elong	-4228 Sep 14 j 04:50	18° Ω 49'46	8°02'45		-4225 Feb 19 j 09:58	0° \approx
min. Earth dist.	-4228 Sep 14 j 04:08	18° Ω 50'49	0.26650 AU		-4225 Mar 15 j 19:47	0° \mathcal{H}
morning rise	-4228 Sep 17 j 23:23	16° Ω 35'45		evening rise	-4225 Mar 21 j 10:30	6° \mathcal{H} 53'09
direct	-4228 Oct 04 j 06:51	11° Ω 26'05			-4225 Apr 09 j 07:24	0° Υ
greatest brilliancy	-4228 Oct 16 j 21:54	14° Ω 26'02	-4.7m	asc. node	-4225 Apr 09 j 12:07	0° Υ 14'25
asc. node	-4228 Oct 22 j 17:10	17° Ω 29'25			-4225 May 03 j 21:03	0° \mathcal{B}
	-4228 Nov 08 j 07:15	0° \mathcal{M}			-4225 May 28 j 13:20	0° Π
morning max el	-4228 Nov 24 j 00:19	15° \mathcal{M} 01'47	46°46'28		-4225 Jun 22 j 09:42	0° \mathcal{E}

	-4225 Jul 17 j 13:19	0°♈			-4223 Dec 22 j 13:04	0°♌		
desc. node	-4225 Jul 30 j 08:10	15°♏01'34			desc. node	-4222 Jan 14 j 05:42	27°♍46'27	
	-4225 Aug 12 j 06:55	0°♐				-4222 Jan 16 j 01:22	0°♊	
	-4225 Sep 08 j 07:39	0°♑				-4222 Feb 09 j 14:24	0°♉	
evening max el	-4225 Sep 17 j 14:18	9°♒38'32	47°36'01			-4222 Mar 06 j 03:28	0°♋	
	-4225 Oct 09 j 17:51	0°♌			morning set	-4222 Mar 16 j 02:25	12°♎10'33	
greatest brilliancy	-4225 Oct 26 j 04:00	10°♍29'36	-4.7m			-4222 Mar 30 j 15:48	0°♌	
retrograde	-4225 Nov 07 j 15:19	13°♍26'01			max. Earth dist.	-4222 Apr 19 j 07:00	24°♋04'36	1.73699 AU
asc. node	-4225 Nov 20 j 04:33	10°♍11'53						
evening set	-4225 Nov 22 j 04:53	9°♍08'36			superior conj	-4222 Apr 21 j 06:15	26°♋29'41	0°-35'-43
min. Earth dist.	-4225 Nov 27 j 12:00	5°♍58'41	0.26902 AU		minimum elong	-4222 Apr 21 j 12:40	26°♋49'24	0°35'29
inferior conj	-4225 Nov 28 j 09:00	5°♍25'48	2°03'00			-4222 Apr 24 j 02:44	0°♐	
minimum elong	-4225 Nov 28 j 04:38	5°♍32'38	2°01'33		asc. node	-4222 May 07 j 00:30	15°♑52'09	
morning rise	-4225 Dec 04 j 05:10	1°♍55'47				-4222 May 18 j 11:53	0°♉	
	-4225 Dec 08 j 03:18	30°♈♄			evening rise	-4222 May 26 j 21:59	10°♉23'08	
direct	-4225 Dec 18 j 18:02	27°♄41'17				-4222 Jun 11 j 19:14	0°♊	
greatest brilliancy	-4225 Dec 29 j 13:50	29°♄52'06	-4.6m			-4222 Jul 06 j 01:29	0°♉	
	-4225 Dec 29 j 21:58	0°♌				-4222 Jul 30 j 08:13	0°♏	
morning max el	-4224 Feb 06 j 02:00	28°♍46'19	46°11'18			-4222 Aug 23 j 17:39	0°♐	
	-4224 Feb 07 j 08:13	0°♊			desc. node	-4222 Aug 26 j 20:26	3°♐48'58	
	-4224 Mar 07 j 01:20	0°♉				-4222 Sep 17 j 08:36	0°♄	
desc. node	-4224 Mar 11 j 03:13	4°♉29'02				-4222 Oct 12 j 09:51	0°♌	
	-4224 Apr 02 j 18:58	0°♎				-4222 Nov 07 j 09:26	0°♊	
	-4224 Apr 28 j 14:28	0°♋			evening max el	-4222 Nov 27 j 16:48	21°♊49'00	46°49'25
	-4224 May 23 j 19:27	0°♑				-4222 Dec 06 j 00:06	0°♉	
	-4224 Jun 17 j 12:56	0°♉			asc. node	-4222 Dec 17 j 16:00	10°♉21'23	
asc. node	-4224 Jul 01 j 22:51	17°♉43'08			greatest brilliancy	-4221 Jan 02 j 08:22	20°♉56'41	-4.6m
	-4224 Jul 11 j 20:46	0°♊			retrograde	-4221 Jan 17 j 06:02	24°♉58'48	
morning set	-4224 Aug 01 j 00:37	25°♊09'50			evening set	-4221 Feb 03 j 20:33	18°♉53'22	
	-4224 Aug 04 j 21:08	0°♉			min. Earth dist.	-4221 Feb 07 j 00:57	16°♉52'49	0.28975 AU
	-4224 Aug 28 j 16:56	0°♏			inferior conj	-4221 Feb 07 j 12:39	16°♉34'04	8°16'02
					minimum elong	-4221 Feb 07 j 10:59	16°♉36'44	8°15'48
superior conj	-4224 Sep 08 j 17:22	13°♏54'29	1°18'23		morning rise	-4221 Feb 11 j 01:42	14°♉20'02	
minimum elong	-4224 Sep 09 j 00:42	14°♏17'38	1°18'25		direct	-4221 Feb 28 j 21:49	8°♉14'40	
max. Earth dist.	-4224 Sep 08 j 12:03	13°♏37'43	1.70933 AU		greatest brilliancy	-4221 Mar 12 j 12:53	10°♉40'35	-4.5m
	-4224 Sep 21 j 11:22	0°♐			desc. node	-4221 Apr 08 j 14:28	28°♉49'25	
	-4224 Oct 15 j 07:01	0°♄				-4221 Apr 09 j 22:48	0°♎	
evening rise	-4224 Oct 20 j 09:09	6°♄23'31			morning max el	-4221 Apr 18 j 17:16	8°♎02'24	45°49'07
desc. node	-4224 Oct 21 j 19:08	8°♄10'08				-4221 May 10 j 09:25	0°♋	
	-4224 Nov 08 j 05:24	0°♌				-4221 Jun 06 j 12:17	0°♑	
	-4224 Dec 02 j 07:19	0°♊				-4221 Jul 02 j 05:18	0°♉	
	-4224 Dec 26 j 14:01	0°♉				-4221 Jul 27 j 01:39	0°♊	
asc. node	-4223 Jan 20 j 04:22	0°♎			asc. node	-4221 Jul 30 j 10:54	4°♊08'59	
	-4223 Feb 1							

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4220 Aug 11 j 09:45	22°♌17'44	-4.6m	superior conj	-4217 Feb 09 j 17:28	18°♎44'03	-1°-23'-25
retrograde	-4220 Aug 21 j 16:29	24°♌13'30		minimum elong	-4217 Feb 09 j 16:31	18°♎41'08	1°23'37
evening set	-4220 Sep 08 j 01:06	18°♌32'00		max. Earth dist.	-4217 Feb 11 j 21:21	21°♎23'50	1.73187 AU
inferior conj	-4220 Sep 11 j 07:54	16°♌33'56	-8°-14'-22		-4217 Feb 18 j 21:00	0°♊	
minimum elong	-4220 Sep 11 j 16:11	16°♌21'23	8°13'10		-4217 Mar 15 j 06:48	0°♋	
min. Earth dist.	-4220 Sep 11 j 16:33	16°♌20'50	0.26683 AU	evening rise	-4217 Mar 19 j 04:24	4°♋47'01	
morning rise	-4220 Sep 15 j 07:10	14°♌12'08		asc. node	-4217 Apr 08 j 14:11	29°♋46'45	
direct	-4220 Oct 01 j 19:17	8°♌56'24			-4217 Apr 08 j 18:32	0°♌	
greatest brilliancy	-4220 Oct 14 j 11:27	11°♌56'54	-4.7m		-4217 May 03 j 08:30	0°♍	
asc. node	-4220 Oct 21 j 19:18	15°♌57'10			-4217 May 28 j 01:18	0°♎	
	-4220 Nov 08 j 14:44	0°♏			-4217 Jun 21 j 22:26	0°♏	
morning max el	-4220 Nov 21 j 12:38	12°♏31'54	46°47'20		-4217 Jul 17 j 03:15	0°♐	
	-4220 Dec 07 j 23:04	0°♑		desc. node	-4217 Jul 29 j 10:23	14°♐24'54	
	-4219 Jan 03 j 10:56	0°♒			-4217 Aug 11 j 22:56	0°♑	
	-4219 Jan 29 j 02:25	0°♓			-4217 Sep 08 j 04:20	0°♑	
desc. node	-4219 Feb 10 j 17:43	14°♓57'03		evening max el	-4217 Sep 15 j 03:43	7°♑11'55	47°35'39
	-4219 Feb 23 j 09:22	0°♑			-4217 Oct 10 j 12:04	0°♒	
	-4219 Mar 20 j 10:51	0°♒		greatest brilliancy	-4217 Oct 23 j 20:05	8°♒04'36	-4.7m
	-4219 Apr 14 j 07:23	0°♓		retrograde	-4217 Nov 05 j 05:01	10°♒58'49	
	-4219 May 08 j 22:48	0°♌		asc. node	-4217 Nov 19 j 06:37	6°♒57'33	
morning set	-4219 May 21 j 23:25	15°♌58'18		evening set	-4217 Nov 19 j 18:04	6°♒42'01	
	-4219 Jun 02 j 08:49	0°♍		min. Earth dist.	-4217 Nov 25 j 02:32	3°♒30'44	0.26844 AU
asc. node	-4219 Jun 03 j 12:47	1°♍26'17		inferior conj	-4217 Nov 25 j 22:27	2°♒59'39	1°40'30
max. Earth dist.	-4219 Jun 22 j 13:20	25°♍00'25	1.72505 AU	minimum elong	-4217 Nov 25 j 18:50	3°♒05'18	1°39'18
	-4219 Jun 26 j 13:42	0°♎			-4217 Nov 30 j 21:11	30°♒♑	
				morning rise	-4217 Dec 01 j 20:19	29°♑27'45	
superior conj	-4219 Jun 27 j 02:52	0°♎41'00	0°51'37	direct	-4217 Dec 16 j 06:29	25°♑15'49	
minimum elong	-4219 Jun 26 j 18:27	0°♎14'48	0°51'27	greatest brilliancy	-4217 Dec 27 j 04:38	27°♑29'07	-4.6m
	-4219 Jul 20 j 14:31	0°♏			-4216 Jan 01 j 15:07	0°♒	
evening rise	-4219 Aug 02 j 20:50	16°♏36'31		morning max el	-4216 Feb 03 j 16:29	26°♒27'43	46°12'43
	-4219 Aug 13 j 13:14	0°♐			-4216 Feb 07 j 06:49	0°♓	
	-4219 Sep 06 j 12:04	0°♑			-4216 Mar 06 j 17:29	0°♑	
desc. node	-4219 Sep 23 j 08:46	21°♑03'54		desc. node	-4216 Mar 10 j 05:16	3°♑51'20	
	-4219 Sep 30 j 12:55	0°♑			-4216 Apr 02 j 08:39	0°♒	
	-4219 Oct 24 j 17:26	0°♒			-4216 Apr 28 j 02:54	0°♓	
	-4219 Nov 18 j 04:04	0°♓			-4216 May 23 j 07:13	0°♌	
	-4219 Dec 13 j 02:04	0°♑			-4216 Jun 17 j 00:21	0°♍	
	-4218 Jan 07 j 23:38	0°♒		asc. node	-4216 Jul 01 j 01:03	17°♍15'00	
asc. node	-4218 Jan 14 j 03:43	6°♒52'00			-4216 Jul 11 j 08:03	0°♎	
	-4218 Feb 05 j 05:50	0°♓		morning set	-4216 Jul 29 j 15:37	22°♎51'10	
evening max el	-4218 Feb 06 j 13:43	1°♓17'50	45°25'53		-4216 Aug 04 j 08:24	0°♏	
greatest brilliancy	-4218 Mar 12 j 14:45	27°♓32'57	-4.5m		-4216 Aug 28 j 04:14	0°♐	
	-4218 Mar 19 j 00:05	0°♌					
retrograde	-4218 Mar 27 j 01:44	1°♌11'52		superior conj	-4216 Sep 06 j 05:16	11°♌24'45	1°19'39
	-4218 Apr 03 j 21:00	30°♒♋		minimum elong	-4216 Sep 06 j 11:49	11°♌45'26	1°19'42
evening set	-4218 Apr 11 j 23:45	26°♋23'02		max. Earth dist.	-4216 Sep 05 j 19:48	10°♌54'52	1.70957 AU
inferior conj	-4218 Apr 17 j 13:31	23°♋00'43	4°03'16		-4216 Sep 20 j 22:44	0°♏	
minimum elong	-4218 Apr 17 j 21:11	22°♋48'40	4°01'20		-4216 Oct 14 j 18:28	0°♑	
min. Earth dist.	-4218 Apr 18 j 07:16	22°♋32'51	0.29156 AU	evening rise	-4216 Oct 17 j 17:35	3°♑43'24	
morning rise	-4218 Apr 23 j 18:09	19°♋15'47		desc. node	-4216 Oct 20 j 21:08	7°♑40'30	
desc. node	-4218 May 06 j 01:44	14°♋49'12			-4216 Nov 07 j 16:55	0°♒	
direct	-4218 May 09 j 09:14	14°♋36'24			-4216 Dec 01 j 18:57	0°♓	
greatest brilliancy	-4218 May 23 j 14:49	18°♋06'12	-4.5m		-4216 Dec 26 j 01:51	0°♑	
	-4218 Jun 10 j 21:24	0°♌			-4215 Jan 19 j 16:36	0°♒	
morning max el	-4218 Jun 27 j 14:20	14°♌54'11	46°06'05	asc. node	-4215 Feb 10 j 15:44	26°♒13'46	
	-4218 Jul 12 j 10:54	0°♍			-4215 Feb 13 j 20:40	0°♋	
	-4218 Aug 08 j 09:54	0°♎			-4215 Mar 11 j 23:48	0°♌	
asc. node	-4218 Aug 26 j 22:48	21°♎52'16			-4215 Apr 09 j 00:50	0°♍	
	-4218 Sep 02 j 16:34	0°♏		evening max el	-4215 Apr 18 j 12:14	9°♍17'31	45°13'00
	-4218 Sep 27 j 03:06	0°♐			-4215 May 13 j 15:38	0°♎	
	-4218 Oct 21 j 04:21	0°♑		greatest brilliancy	-4215 May 24 j 14:19	5°♎54'08	-4.5m
	-4218 Nov 14 j 03:16	0°♑		desc. node	-4215 Jun 02 j 13:11	8°♎21'44	
	-4218 Dec 08 j 03:44	0°♒		retrograde	-4215 Jun 06 j 00:05	8°♎35'09	
desc. node	-4218 Dec 16 j 19:40	10°♒46'59		evening set	-4215 Jun 21 j 07:05	4°♎09'39	
morning set	-4218 Dec 31 j 21:33	29°♒30'29		inferior conj	-4215 Jun 27 j 03:41	0°♎44'33	-5°-25'-59
	-4217 Jan 01 j 07:04	0°♓		minimum elong	-4215 Jun 26 j 17:43	0°♎59'41	5°23'28
	-4217 Jan 25 j 13:01	0°♑		min. Earth dist.	-4215 Jun 27 j 11:34	0°♎32'36	0.27987 AU

	-4215 Jun 28 j 09:05	30°R8			-4213 Dec 17 j 04:39	0°X		
morning rise	-4215 Jul 02 j 03:53	27°846'32		evening rise	-4212 Jan 04 j 14:17	22°X51'50		
direct	-4215 Jul 18 j 12:28	22°842'47			-4212 Jan 10 j 08:31	0°Z		
greatest brilliancy	-4215 Aug 02 j 00:24	26°826'48	-4.6m		-4212 Feb 03 j 16:17	0°aa		
	-4215 Aug 08 j 09:05	0°II			-4212 Feb 28 j 05:19	0°H		
morning max el	-4215 Sep 06 j 21:37	25°II10'11	46°42'34	asc. node	-4212 Mar 10 j 03:55	13°H15'56		
	-4215 Sep 11 j 14:37	0°S			-4212 Mar 24 j 01:40	0°Y		
asc. node	-4215 Sep 23 j 10:11	12°S42'43			-4212 Apr 18 j 08:11	0°8		
	-4215 Oct 08 j 15:49	0°Q			-4212 May 14 j 06:00	0°II		
	-4215 Nov 02 j 22:18	0°n			-4212 Jun 10 j 07:49	0°S		
	-4215 Nov 27 j 13:49	0°u		desc. node	-4212 Jun 30 j 00:50	20°S13'49		
	-4215 Dec 22 j 01:25	0°m		evening max el	-4212 Jun 30 j 09:02	20°S33'45	46°25'34	
desc. node	-4214 Jan 13 j 07:57	27°m17'02			-4212 Jul 10 j 11:48	0°Q		
	-4214 Jan 15 j 13:12	0°X		greatest brilliancy	-4212 Aug 08 j 22:45	19°Q51'05	-4.6m	
	-4214 Feb 09 j 01:51	0°Z		retrograde	-4212 Aug 19 j 03:40	21°Q45'26		
	-4214 Mar 05 j 14:40	0°aa		evening set	-4212 Sep 05 j 16:04	16°Q00'17		
morning set	-4214 Mar 13 j 19:57	10°aa03'19		inferior conj	-4212 Sep 08 j 20:13	14°Q06'09	-8°-23'-23	
	-4214 Mar 30 j 02:50	0°H		minimum elong	-4212 Sep 09 j 03:49	13°Q54'37	8°22'21	
max. Earth dist.	-4214 Apr 17 j 06:37	22°H16'03	1.73708 AU	min. Earth dist.	-4212 Sep 09 j 05:28	13°Q52'07	0.26721 AU	
				morning rise	-4212 Sep 12 j 15:27	11°Q49'57		
superior conj	-4214 Apr 19 j 01:15	24°H26'54	0°-38'-27	direct	-4212 Sep 29 j 07:40	6°Q27'58		
minimum elong	-4214 Apr 19 j 08:03	24°H47'47	0°38'11	greatest brilliancy	-4212 Oct 12 j 02:14	9°Q30'18	-4.7m	
	-4214 Apr 23 j 13:43	0°Y		asc. node	-4212 Oct 20 j 21:25	14°Q28'48		
asc. node	-4214 May 06 j 02:36	15°Y24'49			-4212 Nov 08 j 19:53	0°n		
	-4214 May 17 j 22:55	0°8		morning max el	-4212 Nov 19 j 00:50	10°n01'45	46°47'57	
evening rise	-4214 May 24 j 17:36	8°821'28			-4212 Dec 07 j 17:21	0°u		
	-4214 Jun 11 j 06:25	0°II			-4211 Jan 03 j 01:51	0°m		
	-4214 Jul 05 j 12:57	0°S			-4211 Jan 28 j 15:42	0°X		
	-4214 Jul 29 j 20:08	0°Q		desc. node	-4211 Feb 09 j 19:47	14°X25'21		
	-4214 Aug 23 j 06:09	0°n			-4211 Feb 22 j 21:39	0°Z		
desc. node	-4214 Aug 25 j 22:32	3°n16'54			-4211 Mar 19 j 22:30	0°aa		
	-4214 Sep 16 j 21:55	0°u			-4211 Apr 13 j 18:37	0°H		
	-4214 Oct 12 j 00:29	0°m			-4211 May 08 j 09:47	0°Y		
	-4214 Nov 07 j 02:44	0°X		morning set	-4211 May 19 j 18:10	13°Y54'52		
evening max el	-4214 Nov 25 j 09:25	19°X33'44	46°52'26		-4211 Jun 01 j 19:42	0°8		
	-4214 Dec 06 j 02:07	0°Z		asc. node	-4211 Jun 02 j 14:59	0°859'31		
asc. node	-4214 Dec 16 j 18:14	9°Z14'45		max. Earth dist.	-4211 Jun 20 j 07:52	22°855'04	1.72566 AU	
greatest brilliancy	-4214 Dec 31 j 03:16	18°Z46'36	-4.6m					
retrograde	-4213 Jan 14 j 23:11	22°Z46'14		superior conj	-4211 Jun 24 j 20:46	28°833'25	0°49'05	
evening set	-4213 Feb 01 j 12:00	16°Z43'04		minimum elong	-4211 Jun 24 j 12:33	28°807'54	0°48'55	
min. Earth dist.	-4213 Feb 04 j 16:01	14°Z42'57	0.28919 AU		-4211 Jun 26 j 00:36	0°II		
inferior conj	-4213 Feb 05 j 05:13	14°Z21'47	8°14'32		-4211 Jul 20 j 01:32	0°S		
minimum elong	-4213 Feb 05 j 02:53	14°Z25'33	8°14'15	evening rise	-4211 Jul 31 j 12:18	14°S19'56		
morning rise	-4213 Feb 08 j 18:04	12°Z07'57			-4211 Aug 13 j 00:25	0°Q		
direct	-4213 Feb 26 j 14:05	6°Z03'35			-4211 Sep 05 j 23:26	0°n		
greatest brilliancy	-4213 Mar 10 j 01:09	8°Z25'48	-4.5m	desc. node	-4211 Sep 22 j 10:48	20°n34'17		
desc. node	-4213 Apr 07 j 16:33	27°Z53'35			-4211 Sep 30 j 00:31	0°u		
	-4213 Apr 10 j 01:16	0°aa			-4211 Oct 24 j 05:24	0°m		
morning max el	-4213 Apr 16 j 09:09	5°aa52'08	45°49'11		-4211 Nov 17 j 16:34	0°X		
	-4213 May 10 j 02:14	0°H			-4211 Dec 12 j 15:32	0°Z		
	-4213 Jun 06 j 02:10	0°Y			-4210 Jan 07 j 15:11	0°aa		
	-4213 Jul 01 j 17:52	0°8		asc. node	-4210 Jan 13 j 05:53	6°aa13'03		
	-4213 Jul 26 j 13:32	0°II		evening max el	-4210 Feb 04 j 04:18	29°aa03'25	45°28'00	
asc. node	-4213 Jul 29 j 13:09	3°II39'32			-4210 Feb 05 j 03:39	0°H		
	-4213 Aug 19 j 19:36	0°S		greatest brilliancy	-4210 Mar 10 j 05:03	25°H22'44	-4.5m	
	-4213 Sep 12 j 17:25	0°Q		retrograde	-4210 Mar 24 j 18:25	29°H05'14		
	-4213 Oct 06 j 11:52	0°n		evening set	-4210 Apr 09 j 18:40	24°H12'22		
morning set	-4213 Oct 12 j 23:55	8°n12'35		inferior conj	-4210 Apr 15 j 06:17	20°H53'09	4°19'31	
	-4213 Oct 30 j 06:44	0°u		minimum elong	-4210 Apr 15 j 14:18	20°H40'35	4°17'32	
desc. node	-4213 Nov 18 j 09:32	24°u01'11		min. Earth dist.	-4210 Apr 16 j 00:01	20°H25'19	0.29185 AU	
	-4213 Nov 23 j 04:06	0°m		morning rise	-4210 Apr 21 j 09:27	17°H10'14		
				desc. node	-4210 May 05 j 03:50	12°H32'24		
superior conj	-4213 Nov 24 j 01:35	1°m07'14	0°-13'-9	direct	-4210 May 07 j 01:35	12°H28'09		
minimum elong	-4213 Nov 23 j 21:59	0°m55'59	0°13'05	greatest brilliancy	-4210 May 21 j 07:23	15°H57'59	-4.5m	
behind sun begin	-4213 Nov 23 j 05:35	0°m04'37			-4210 Jun 11 j 05:00	0°Y		
behind sun end	-4213 Nov 24 j 14:24	1°m47'21		morning max el	-4210 Jun 25 j 06:36	12°Y43'43	46°05'01	
max. Earth dist.	-4213 Nov 29 j 06:12	7°m37'03	1.71524 AU		-4210 Jul 12 j 04:37	0°8		

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4210 Aug 08 j 00:13	0°♊			-4207 Feb 13 j 09:27	0°♋		
asc. node	-4210 Aug 26 j 00:49	21°♊18'42			-4207 Mar 11 j 14:33	0°♌		
	-4210 Sep 02 j 05:27	0°♍			-4207 Apr 08 j 20:45	0°♎		
	-4210 Sep 26 j 15:15	0°♏		evening max el	-4207 Apr 16 j 04:16	7°♏07'21	45°11'46	
	-4210 Oct 20 j 16:04	0°♐			-4207 May 14 j 20:50	0°♑		
	-4210 Nov 13 j 14:42	0°♒		greatest brilliancy	-4207 May 22 j 02:46	3°♑37'37	-4.5m	
	-4210 Dec 07 j 14:58	0°♓		desc. node	-4207 Jun 01 j 15:27	6°♑15'32		
desc. node	-4210 Dec 15 j 21:54	10°♓19'13		retrograde	-4207 Jun 03 j 14:10	6°♑19'48		
morning set	-4210 Dec 29 j 09:00	27°♓02'49		evening set	-4207 Jun 18 j 19:07	1°♑57'34		
	-4210 Dec 31 j 18:08	0°♈			-4207 Jun 22 j 05:39	30°♈		
	-4209 Jan 24 j 23:58	0°♉		inferior conj	-4207 Jun 24 j 18:04	28°♈28'49	-5°-8'-32	
				minimum elong	-4207 Jun 24 j 08:23	28°♈43'32	5°06'03	
superior conj	-4209 Feb 07 j 08:44	16°♉29'40	-1°-23'-11	min. Earth dist.	-4207 Jun 25 j 02:04	28°♈16'39	0.28027 AU	
minimum elong	-4209 Feb 07 j 06:59	16°♉24'17	1°23'24	morning rise	-4207 Jun 29 j 21:12	25°♈26'22		
max. Earth dist.	-4209 Feb 09 j 13:05	19°♉10'59	1.73146 AU	direct	-4207 Jul 16 j 04:01	20°♈26'27		
	-4209 Feb 18 j 07:52	0°♊		greatest brilliancy	-4207 Jul 30 j 15:00	24°♈09'18	-4.6m	
	-4209 Mar 14 j 17:39	0°♋			-4207 Aug 09 j 10:42	0°♌		
evening rise	-4209 Mar 16 j 21:58	2°♋40'25		morning max el	-4207 Sep 04 j 11:41	22°♌48'41	46°41'25	
asc. node	-4209 Apr 07 j 16:16	29°♋19'35			-4207 Sep 11 j 10:52	0°♍		
	-4209 Apr 08 j 05:29	0°♌		asc. node	-4207 Sep 22 j 12:23	11°♍59'53		
	-4209 May 02 j 19:45	0°♍			-4207 Oct 08 j 07:15	0°♎		
	-4209 May 27 j 13:03	0°♏			-4207 Nov 02 j 11:52	0°♐		
	-4209 Jun 21 j 10:57	0°♑			-4207 Nov 27 j 02:24	0°♒		
desc. node	-4209 Jul 16 j 16:59	0°♒			-4207 Dec 21 j 13:21	0°♓		
	-4209 Jul 28 j 12:27	13°♒48'23		desc. node	-4206 Jan 12 j 09:59	26°♓48'06		
	-4209 Aug 11 j 14:52	0°♐			-4206 Jan 15 j 00:40	0°♈		
	-4209 Sep 08 j 01:18	0°♑			-4206 Feb 08 j 12:56	0°♉		
evening max el	-4209 Sep 12 j 18:18	4°♑49'27	47°35'12		-4206 Mar 05 j 01:30	0°♊		
	-4209 Oct 11 j 11:49	0°♒		morning set	-4206 Mar 11 j 13:31	7°♊57'17		
greatest brilliancy	-4209 Oct 21 j 11:24	5°♒39'57	-4.7m		-4206 Mar 29 j 13:31	0°♋		
retrograde	-4209 Nov 02 j 19:16	8°♒32'57		max. Earth dist.	-4206 Apr 15 j 05:06	20°♋25'01	1.73719 AU	
evening set	-4209 Nov 17 j 07:33	4°♒16'29						
asc. node	-4209 Nov 18 j 08:50	3°♒41'06		superior conj	-4206 Apr 16 j 20:13	22°♋25'04	0°-41'-6	
min. Earth dist.	-4209 Nov 22 j 16:49	1°♒04'25	0.26789 AU	minimum elong	-4206 Apr 17 j 03:22	22°♋47'00	0°40'51	
inferior conj	-4209 Nov 23 j 11:56	0°♒34'42	1°17'47		-4206 Apr 23 j 00:23	0°♌		
minimum elong	-4209 Nov 23 j 09:06	0°♒39'06	1°16'49	asc. node	-4206 May 05 j 04:48	14°♌58'45		
	-4209 Nov 24 j 10:16	30°♒			-4206 May 17 j 09:40	0°♍		
morning rise	-4209 Nov 29 j 11:23	27°♒01'20		evening rise	-4206 May 22 j 13:02	6°♍20'09		
direct	-4209 Dec 13 j 19:35	22°♒51'42			-4206 Jun 10 j 17:21	0°♏		
greatest brilliancy	-4209 Dec 24 j 18:42	25°♒06'41	-4.6m		-4206 Jul 05 j 00:11	0°♑		
	-4208 Jan 03 j 06:42	0°♓			-4206 Jul 29 j 07:47	0°♒		
morning max el	-4208 Feb 01 j 07:39	24°♓11'52	46°13'57		-4206 Aug 22 j 18:24	0°♐		
	-4208 Feb 07 j 04:06	0°♈		desc. node	-4206 Aug 25 j 00:33	2°♐45'29		
	-4208 Mar 06 j 09:02	0°♉			-4206 Sep 16 j 10:59	0°♑		
desc. node	-4208 Mar 09 j 07:21	3°♉14'59			-4206 Oct 11 j 14:54	0°♒		
	-4208 Apr 01 j 21:55	0°♊			-4206 Nov 06 j 20:02	0°♋		
	-4208 Apr 27 j 15:01	0°♋		evening max el	-4206 Nov 23 j 01:14	17°♋17'03	46°55'17	
	-4208 May 22 j 18:41	0°♌			-4206 Dec 06 j 05:14	0°♍		
	-4208 Jun 16 j 11:29	0°♍		asc. node	-4206 Dec 15 j 20:28	8°♍07'11		
asc. node	-4208 Jun 30 j 03:13	16°♍47'44		greatest brilliancy	-4206 Dec 28 j 22:35	16°♍37'33	-4.6m	
	-4208 Jul 10 j 19:00	0°♏		retrograde	-4205 Jan 12 j 15:46	20°♍34'12		
morning set	-4208 Jul 27 j 06:44	20°♏34'07		evening set	-4205 Jan 30 j 03:07	14°♍33'55		
	-4208 Aug 03 j 19:18	0°♑		inferior conj	-4205 Feb 02 j 21:45	12°♍10'16	8°12'11	
	-4208 Aug 27 j 15:10	0°♒		minimum elong	-4205 Feb 02 j 18:43	12°♍15'08	8°11'52	
max. Earth dist.	-4208 Sep 03 j 02:49	8°♒10'56	1.70983 AU	min. Earth dist.	-4205 Feb 02 j 07:25	12°♍33'17	0.28861 AU	
				morning rise	-4205 Feb 06 j 10:38	9°♍56'09		
superior conj	-4208 Sep 03 j 17:26	8°♒57'01	1°20'46	direct	-4205 Feb 24 j 05:54	3°♍53'13		
minimum elong	-4208 Sep 03 j 23:08	9°♒15'01	1°20'50	greatest brilliancy	-4205 Mar 07 j 14:03	6°♍12'25	-4.5m	
	-4208 Sep 20 j 09:46	0°♐		desc. node	-4205 Apr 06 j 18:42	26°♍59'58		
	-4208 Oct 14 j 05:35	0°♑			-4205 Apr 10 j 01:58	0°♒		
evening rise	-4208 Oct 15 j 02:11	1°♑04'41		morning max el	-4205 Apr 13 j 23:58	3°♑40'11	45°49'18	
desc. node	-4208 Oct 19 j 23:17	7°♑12'17			-4205 May 09 j 18:25	0°♋		
	-4208 Nov 07 j 04:08	0°♒			-4205 Jun 05 j 15:40	0°♌		
	-4208 Dec 01 j 06:14	0°♈			-4205 Jul 01 j 06:10	0°♍		
	-4208 Dec 25 j 13:19	0°♉			-4205 Jul 26 j 01:13	0°♏		
	-4207 Jan 19 j 04:29	0°♊		asc. node	-4205 Jul 28 j 15:09	3°♏09'57		
asc. node	-4207 Feb 09 j 17:45	25°♊42'29			-4205 Aug 19 j 06:58	0°♑		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4205 Sep 12 j 04:38	0°♌		retrograde	-4202 Mar 22 j 11:38	26°♋58'33	
	-4205 Oct 05 j 23:01	0°♍		evening set	-4202 Apr 07 j 13:41	22°♋01'36	
morning set	-4205 Oct 10 j 10:17	5°♍38'42		inferior conj	-4202 Apr 12 j 23:04	18°♋45'26	4°35'20
	-4205 Oct 29 j 17:49	0°♎		minimum elong	-4202 Apr 13 j 07:22	18°♋32'25	4°33'21
desc. node	-4205 Nov 17 j 11:41	23°♎33'17		min. Earth dist.	-4202 Apr 13 j 16:24	18°♋18'15	0.29213 AU
				morning rise	-4202 Apr 19 j 00:37	15°♋04'54	
superior conj	-4205 Nov 21 j 10:29	28°♎30'15	0°-9'-12	desc. node	-4202 May 04 j 06:03	10°♋20'12	
minimum elong	-4205 Nov 21 j 07:57	28°♎22'19	0°09'11	direct	-4202 May 04 j 18:21	10°♋19'54	
behind sun begin	-4205 Nov 20 j 09:16	27°♎11'15		greatest brilliancy	-4202 May 18 j 23:47	13°♋49'41	-4.5m
behind sun end	-4205 Nov 22 j 06:38	29°♎33'22			-4202 Jun 11 j 10:24	0°♌	
	-4205 Nov 22 j 15:09	0°♍		morning max el	-4202 Jun 22 j 23:32	10°♌35'05	46°04'00
max. Earth dist.	-4205 Nov 26 j 15:37	5°♍01'50	1.71470 AU		-4202 Jul 11 j 21:59	0°♍	
	-4205 Dec 16 j 15:40	0°♎			-4202 Aug 07 j 14:25	0°♎	
evening rise	-4204 Jan 02 j 02:13	20°♎25'48		asc. node	-4202 Aug 25 j 03:01	20°♎45'47	
	-4204 Jan 09 j 19:33	0°♏			-4202 Sep 01 j 18:19	0°♏	
	-4204 Feb 03 j 03:24	0°♐			-4202 Sep 26 j 03:28	0°♏	
	-4204 Feb 27 j 16:37	0°♑			-4202 Oct 20 j 03:54	0°♐	
asc. node	-4204 Mar 09 j 06:06	12°♑47'53			-4202 Nov 13 j 02:17	0°♑	
	-4204 Mar 23 j 13:25	0°♒			-4202 Dec 07 j 02:22	0°♒	
	-4204 Apr 17 j 20:51	0°♓		desc. node	-4202 Dec 14 j 23:57	9°♒50'21	
	-4204 May 13 j 20:23	0°♐		morning set	-4202 Dec 26 j 20:01	24°♒33'06	
	-4204 Jun 10 j 01:57	0°♑			-4202 Dec 31 j 05:22	0°♓	
evening max el	-4204 Jun 27 j 20:38	18°♑07'24	46°22'09		-4201 Jan 24 j 11:02	0°♓	
desc. node	-4204 Jun 29 j 02:51	19°♑20'24					
	-4204 Jul 10 j 18:32	0°♒		superior conj	-4201 Feb 04 j 23:37	14°♓13'38	-1°-22'-50
greatest brilliancy	-4204 Aug 06 j 11:11	17°♒23'36	-4.6m	minimum elong	-4201 Feb 04 j 21:04	14°♓05'48	1°23'02
retrograde	-4204 Aug 16 j 14:50	19°♒17'13		max. Earth dist.	-4201 Feb 07 j 06:25	17°♓02'36	1.73101 AU
evening set	-4204 Sep 03 j 06:31	13°♒28'26			-4201 Feb 17 j 18:50	0°♓	
inferior conj	-4204 Sep 06 j 08:20	11°♒37'59	-8°-31'-19		-4201 Mar 14 j 04:37	0°♋	
minimum elong	-4204 Sep 06 j 15:12	11°♒27'35	8°30'29	evening rise	-4201 Mar 14 j 15:27	0°♋33'13	
min. Earth dist.	-4204 Sep 06 j 18:12	11°♒23'02	0.26761 AU	asc. node	-4201 Apr 06 j 18:29	28°♋52'24	
morning rise	-4204 Sep 09 j 23:42	9°♒27'25			-4201 Apr 07 j 16:37	0°♌	
direct	-4204 Sep 26 j 19:48	3°♒58'55			-4201 May 02 j 07:10	0°♌	
greatest brilliancy	-4204 Oct 09 j 17:48	7°♒04'36	-4.7m		-4201 May 27 j 00:58	0°♎	
asc. node	-4204 Oct 19 j 23:39	13°♒03'28			-4201 Jun 20 j 23:40	0°♏	
	-4204 Nov 08 j 23:13	0°♐			-4201 Jul 16 j 06:58	0°♏	
morning max el	-4204 Nov 16 j 13:17	7°♐32'18	46°48'43	desc. node	-4201 Jul 27 j 14:32	13°♏11'20	
	-4204 Dec 07 j 11:05	0°♑			-4201 Aug 11 j 07:11	0°♐	
	-4203 Jan 02 j 16:26	0°♒			-4201 Sep 07 j 23:16	0°♑	
	-4203 Jan 28 j 04:44	0°♓		evening max el	-4201 Sep 10 j 09:25	2°♑27'49	47°34'24
desc. node	-4203 Feb 08 j 21:48	13°♓54'01			-4201 Oct 12 j 21:37	0°♒	
	-4203 Feb 22 j 09:47	0°♓		greatest brilliancy	-4201 Oct 19 j 02:20	3°♒13'31	-4.7m
	-4203 Mar 19 j 10:02	0°♔		retrograde	-4201 Oct 31 j 09:24	6°♒04'59	
	-4203 Apr 13 j 05:45	0°♑		evening set	-4201 Nov 14 j 20:57	1°♒48'50	
	-4203 May 07 j 20:40	0°♒		asc. node	-4201 Nov 17 j 11:00	0°♒19'39	
morning set	-4203 May 17 j 13:09	11°♒52'26			-4201 Nov 18 j 00:05	30°♒♎	
	-4203 Jun 01 j 06:30	0°♓		min. Earth dist.	-4201 Nov 20 j 06:39	28°♓36'13	0.26738 AU
asc. node	-4203 Jun 01 j 17:09	0°♔32'52		inferior conj	-4201 Nov 21 j 01:04	28°♓07'38	0°54'37
max. Earth dist.	-4203 Jun 18 j 04:50	20°♔57'28	1.72628 AU	minimum elong	-4201 Nov 20 j 23:04	28°♓10'45	0°53'54
				morning rise	-4201 Nov 27 j 01:58	24°♓32'59	
superior conj	-4203 Jun 22 j 14:47	26°♔26'34	0°46'28	direct	-4201 Dec 11 j 08:49	20°♓25'39	
minimum elong	-4203 Jun 22 j 06:50	26°♔01'52	0°46'19	greatest brilliancy	-4201 Dec 22 j 07:57	22°♓41'24	-4.6m
	-4203 Jun 25 j 11:26	0°♎			-4200 Jan 04 j 11:05	0°♒	
	-4203 Jul 19 j 12:31	0°♏		morning max el	-4200 Jan 29 j 22:33	21°♒54'09	46°15'15
evening rise	-4203 Jul 29 j 03:55	12°♏03'58			-4200 Feb 07 j 01:03	0°♓	
	-4203 Aug 12 j 11:36	0°♐			-4200 Mar 06 j 00:38	0°♓	
	-4203 Sep 05 j 10:51	0°♑		desc. node	-4200 Mar 08 j 09:35	2°♓38'32	
desc. node	-4203 Sep 21 j 12:57	20°♑04'48			-4200 Apr 01 j 11:20	0°♒	
	-4203 Sep 29 j 12:14	0°♑			-4200 Apr 27 j 03:18	0°♑	
	-4203 Oct 23 j 17:27	0°♒			-4200 May 22 j 06:22	0°♒	
	-4203 Nov 17 j 05:10	0°♓			-4200 Jun 15 j 22:50	0°♓	
	-4203 Dec 12 j 05:07	0°♓		asc. node	-4200 Jun 29 j 05:14	16°♓19'16	
	-4202 Jan 07 j 06:58	0°♔			-4200 Jul 10 j 06:12	0°♎	
asc. node	-4202 Jan 12 j 07:55	5°♔33'20		morning set	-4200 Jul 24 j 22:15	18°♎17'40	
evening max el	-4202 Feb 01 j 19:25	26°♔50'18	45°30'14		-4200 Aug 03 j 06:26	0°♏	
	-4202 Feb 05 j 02:20	0°♑			-4200 Aug 27 j 02:20	0°♐	
greatest brilliancy	-4202 Mar 07 j 19:26	23°♑12'40	-4.5m	max. Earth dist.	-4200 Aug 31 j 08:17	5°♒21'30	1.71010 AU

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4200 Sep 01 j 06:10	6°♌30'30	1°21'41	direct	-4197 Feb 21 j 21:24	1°♊41'44	
minimum elong	-4200 Sep 01 j 11:00	6°♌45'47	1°21'48	greatest brilliancy	-4197 Mar 05 j 04:17	3°♊59'22	-4.5m
	-4200 Sep 19 j 21:00	0°♎		desc. node	-4197 Apr 05 j 20:51	26°♊06'24	
evening rise	-4200 Oct 12 j 11:00	28°♎25'55			-4197 Apr 10 j 02:00	0°♋	
	-4200 Oct 13 j 16:57	0°♋		morning max el	-4197 Apr 11 j 14:34	1°♋26'27	45°49'31
desc. node	-4200 Oct 19 j 01:26	6°♋43'22			-4197 May 09 j 10:43	0°♌	
	-4200 Nov 06 j 15:36	0°♌			-4197 Jun 05 j 05:23	0°♍	
	-4200 Nov 30 j 17:51	0°♍			-4197 Jun 30 j 18:41	0°♎	
	-4200 Dec 25 j 01:10	0°♎			-4197 Jul 25 j 13:07	0°♏	
	-4199 Jan 18 j 16:47	0°♏		asc. node	-4197 Jul 27 j 17:20	2°♏40'12	
asc. node	-4199 Feb 08 j 19:58	25°♏10'34			-4197 Aug 18 j 18:35	0°♐	
	-4199 Feb 12 j 22:41	0°♐			-4197 Sep 11 j 16:07	0°♑	
	-4199 Mar 11 j 05:52	0°♑			-4197 Oct 05 j 10:26	0°♒	
	-4199 Apr 08 j 17:41	0°♒		morning set	-4197 Oct 07 j 20:51	3°♒04'29	
evening max el	-4199 Apr 13 j 19:36	4°♒54'40	45°10'40		-4197 Oct 29 j 05:11	0°♓	
	-4199 May 16 j 15:44	0°♓		desc. node	-4197 Nov 16 j 13:43	23°♓04'11	
greatest brilliancy	-4199 May 19 j 16:09	1°♓21'35	-4.5m				
desc. node	-4199 May 31 j 17:30	4°♓03'56		superior conj	-4197 Nov 18 j 19:40	25°♓53'14	0°-5'-15
retrograde	-4199 Jun 01 j 03:56	4°♓04'09		minimum elong	-4197 Nov 18 j 18:12	25°♓48'38	0°05'16
	-4199 Jun 15 j 20:03	30°♒♏		behind sun begin	-4197 Nov 17 j 16:17	24°♓27'27	
evening set	-4199 Jun 16 j 07:29	29°♒44'50		behind sun end	-4197 Nov 19 j 20:06	27°♓09'49	
inferior conj	-4199 Jun 22 j 08:37	26°♒12'47	-4°-50'-46		-4197 Nov 22 j 02:27	0°♔	
minimum elong	-4199 Jun 21 j 23:16	26°♒27'03	4°48'18	max. Earth dist.	-4197 Nov 23 j 22:26	2°♔17'41	1.71412 AU
min. Earth dist.	-4199 Jun 22 j 17:04	25°♒59'53	0.28067 AU		-4197 Dec 16 j 02:55	0°♕	
morning rise	-4199 Jun 27 j 14:32	23°♒05'59		evening rise	-4197 Dec 30 j 14:20	17°♕59'36	
direct	-4199 Jul 13 j 19:13	18°♒09'41			-4196 Jan 09 j 06:48	0°♖	
greatest brilliancy	-4199 Jul 28 j 05:52	21°♒51'26	-4.6m		-4196 Feb 02 j 14:44	0°♗	
	-4199 Aug 10 j 05:57	0°♗			-4196 Feb 27 j 04:11	0°♘	
morning max el	-4199 Sep 02 j 01:01	20°♗24'36	46°40'27	asc. node	-4196 Mar 08 j 08:15	12°♘18'54	
	-4199 Sep 11 j 06:47	0°♙			-4196 Mar 23 j 01:29	0°♚	
asc. node	-4199 Sep 21 j 14:34	11°♙16'47			-4196 Apr 17 j 09:52	0°♛	
	-4199 Oct 07 j 22:45	0°♛			-4196 May 13 j 11:14	0°♜	
	-4199 Nov 02 j 01:34	0°♞			-4196 Jun 09 j 20:50	0°♝	
	-4199 Nov 26 j 15:10	0°♞		evening max el	-4196 Jun 25 j 08:26	15°♞41'13	46°18'56
desc. node	-4199 Dec 21 j 01:31	0°♟		desc. node	-4196 Jun 28 j 04:57	18°♞25'34	
	-4198 Jan 11 j 12:01	26°♟18'14			-4196 Jul 11 j 04:01	0°♠	
	-4198 Jan 14 j 12:24	0°♠		greatest brilliancy	-4196 Aug 03 j 22:27	14°♠54'40	-4.6m
	-4198 Feb 08 j 00:22	0°♠		retrograde	-4196 Aug 14 j 02:37	16°♠48'58	
	-4198 Mar 04 j 12:41	0°♠		evening set	-4196 Aug 31 j 20:42	10°♠56'38	
morning set	-4198 Mar 09 j 06:45	5°♠49'05		inferior conj	-4196 Sep 03 j 20:29	9°♠09'22	-8°-38'-13
	-4198 Mar 29 j 00:33	0°♠		minimum elong	-4196 Sep 04 j 02:33	9°♠00'12	8°37'32
max. Earth dist.	-4198 Apr 13 j 02:05	18°♠28'29	1.73725 AU	min. Earth dist.	-4196 Sep 04 j 06:34	8°♠54'08	0.26805 AU
				morning rise	-4196 Sep 07 j 08:15	7°♠04'17	
superior conj	-4198 Apr 14 j 15:01	20°♠21'45	0°-43'-44	direct	-4196 Sep 24 j 08:21	1°♠29'20	
minimum elong	-4198 Apr 14 j 22:28	20°♠44'39	0°43'29	greatest brilliancy	-4196 Oct 07 j 09:31	4°♠38'39	-4.7m
	-4198 Apr 22 j 11:22	0°♠		asc. node	-4196 Oct 19 j 01:46	11°♠40'08	
asc. node	-4198 May 04 j 06:53	14°♠31'20			-4196 Nov 09 j 01:21	0°♠	
	-4198 May 16 j 20:43	0°♠		morning max el	-4196 Nov 14 j 02:49	5°♠04'54	46°49'32
evening rise	-4198 May 20 j 08:25	4°♠17'48			-4196 Dec 07 j 04:41	0°♠	
	-4198 Jun 10 j 04:37	0°♠			-4195 Jan 02 j 07:04	0°♠	
	-4198 Jul 04 j 11:47	0°♠			-4195 Jan 27 j 17:51	0°♠	
	-4198 Jul 28 j 19:50	0°♠		desc. node	-4195 Feb 08 j 00:03	13°♠23'06	
	-4198 Aug 22 j 07:01	0°♠			-4195 Feb 21 j 22:00	0°♠	
desc. node	-4198 Aug 24 j 02:46	2°♠13'30			-4195 Mar 18 j 21:40	0°♠	
	-4198 Sep 16 j 00:26	0°♠			-4195 Apr 12 j 17:01	0°♠	
	-4198 Oct 11 j 05:45	0°♠			-4195 May 07 j 07:43	0°♠	
	-4198 Nov 06 j 13:57	0°♠		morning set	-4195 May 15 j 08:07	9°♠49'31	
evening max el	-4198 Nov 20 j 16:02	14°♠56'59	46°58'03	asc. node	-4195 May 31 j 19:10	0°♠05'15	
	-4198 Dec 06 j 10:26	0°♠			-4195 May 31 j 17:28	0°♠	
asc. node	-4198 Dec 14 j 22:27	6°♠56'36		max. Earth dist.	-4195 Jun 16 j 01:41	18°♠59'07	1.72686 AU
greatest brilliancy	-4198 Dec 26 j 17:17	14°♠26'41	-4.6m				
retrograde	-4197 Jan 10 j 08:02	18°♠21'18		superior conj	-4195 Jun 20 j 08:44	24°♠19'03	0°43'49
evening set	-4197 Jan 27 j 18:00	12°♠24'04		minimum elong	-4195 Jun 20 j 01:06	23°♠55'20	0°43'39
min. Earth dist.	-4197 Jan 30 j 23:05	10°♠22'17	0.28805 AU		-4195 Jun 24 j 22:26	0°♠	
inferior conj	-4197 Jan 31 j 14:18	9°♠57'49	8°09'10		-4195 Jul 18 j 23:39	0°♠	
minimum elong	-4197 Jan 31 j 10:36	10°♠03'47	8°08'46	evening rise	-4195 Jul 26 j 19:37	9°♠47'55	
morning rise	-4197 Feb 04 j 03:30	7°♠43'05			-4195 Aug 11 j 22:55	0°♠	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4195 Sep 04 j 22:25	0°♎		desc. node	-4192 Mar 07 j 11:38	2°♊02'05	
desc. node	-4195 Sep 20 j 15:03	19°♎34'38			-4192 Apr 01 j 00:32	0°♊	
	-4195 Sep 29 j 00:06	0°♊			-4192 Apr 26 j 15:24	0°♋	
	-4195 Oct 23 j 05:43	0°♋			-4192 May 21 j 17:51	0°♌	
	-4195 Nov 16 j 17:59	0°♌			-4192 Jun 15 j 10:00	0°♍	
	-4195 Dec 11 j 18:56	0°♍		asc. node	-4192 Jun 28 j 07:27	15°♍52'00	
	-4194 Jan 06 j 23:05	0°♎			-4192 Jul 09 j 17:13	0°♎	
asc. node	-4194 Jan 11 j 10:10	4°♎53'35		morning set	-4192 Jul 22 j 13:48	16°♎01'52	
evening max el	-4194 Jan 30 j 11:25	24°♎39'14	45°32'38		-4192 Aug 02 j 17:26	0°♏	
	-4194 Feb 05 j 02:02	0°♋			-4192 Aug 26 j 13:23	0°♐	
greatest brilliancy	-4194 Mar 05 j 10:39	21°♋03'56	-4.5m	max. Earth dist.	-4192 Aug 28 j 11:18	2°♐24'44	1.71044 AU
retrograde	-4194 Mar 20 j 05:06	24°♋52'05					
evening set	-4194 Apr 05 j 08:55	19°♋51'15		superior conj	-4192 Aug 29 j 18:56	4°♐04'30	1°22'27
inferior conj	-4194 Apr 10 j 15:58	16°♋38'01	4°50'41	minimum elong	-4192 Aug 29 j 22:55	4°♐17'02	1°22'35
minimum elong	-4194 Apr 11 j 00:30	16°♋24'38	4°48'41		-4192 Sep 19 j 08:09	0°♑	
min. Earth dist.	-4194 Apr 11 j 08:31	16°♋12'03	0.29240 AU	evening rise	-4192 Oct 09 j 19:34	25°♑46'42	
morning rise	-4194 Apr 16 j 15:48	13°♋00'00			-4192 Oct 13 j 04:12	0°♒	
direct	-4194 May 02 j 11:41	8°♋12'08		desc. node	-4192 Oct 18 j 03:25	6°♒14'15	
desc. node	-4194 May 03 j 08:06	8°♋12'58			-4192 Nov 06 j 02:57	0°♓	
greatest brilliancy	-4194 May 16 j 15:31	11°♋40'48	-4.5m		-4192 Nov 30 j 05:19	0°♑	
	-4194 Jun 11 j 14:01	0°♌			-4192 Dec 24 j 12:52	0°♓	
morning max el	-4194 Jun 20 j 16:50	8°♌27'20	46°02'50		-4191 Jan 18 j 04:58	0°♎	
	-4194 Jul 11 j 15:05	0°♍		asc. node	-4191 Feb 07 j 22:07	24°♎38'50	
	-4194 Aug 07 j 04:33	0°♎			-4191 Feb 12 j 11:52	0°♋	
asc. node	-4194 Aug 24 j 05:13	20°♎12'50			-4191 Mar 10 j 21:12	0°♌	
	-4194 Sep 01 j 07:10	0°♏			-4191 Apr 08 j 15:04	0°♍	
	-4194 Sep 25 j 15:39	0°♐		evening max el	-4191 Apr 11 j 10:16	2°♍41'10	45°09'47
	-4194 Oct 19 j 15:43	0°♑		greatest brilliancy	-4191 May 17 j 05:22	29°♍06'36	-4.5m
	-4194 Nov 12 j 13:52	0°♒			-4191 May 19 j 13:32	0°♎	
	-4194 Dec 06 j 13:47	0°♓		retrograde	-4191 May 29 j 17:45	1°♎50'15	
desc. node	-4194 Dec 14 j 01:58	9°♓21'19		desc. node	-4191 May 30 j 19:34	1°♎48'55	
morning set	-4194 Dec 24 j 06:53	22°♓02'45			-4191 Jun 08 j 12:04	30°♏♊	
	-4194 Dec 30 j 16:37	0°♑		evening set	-4191 Jun 13 j 20:14	27°♏33'14	
	-4193 Jan 23 j 22:07	0°♓		inferior conj	-4191 Jun 19 j 23:23	23°♏58'28	-4°-32'-46
				minimum elong	-4191 Jun 19 j 14:25	24°♏12'10	4°30'20
superior conj	-4193 Feb 02 j 14:20	11°♓56'57	-1°-22'-21	min. Earth dist.	-4191 Jun 20 j 08:34	23°♏44'26	0.28109 AU
minimum elong	-4193 Feb 02 j 10:58	11°♓46'35	1°22'31	morning rise	-4191 Jun 25 j 07:59	20°♏47'28	
max. Earth dist.	-4193 Feb 05 j 01:00	14°♓57'57	1.73053 AU	direct	-4191 Jul 11 j 10:04	15°♏54'27	
	-4193 Feb 17 j 05:48	0°♎		greatest brilliancy	-4191 Jul 25 j 21:37	19°♏36'05	-4.6m
evening rise	-4193 Mar 12 j 08:58	28°♎26'07			-4191 Aug 10 j 19:50	0°♎	
	-4193 Mar 13 j 15:34	0°♋		morning max el	-4191 Aug 30 j 14:04	18°♎00'42	46°39'15
asc. node	-4193 Apr 05 j 20:33	28°♋24'53			-4191 Sep 11 j 01:54	0°♏	
	-4193 Apr 07 j 03:41	0°♌		asc. node	-4191 Sep 20 j 16:39	10°♏34'36	
	-4193 May 01 j 18:34	0°♍			-4191 Oct 07 j 13:52	0°♐	
	-4193 May 26 j 12:54	0°♎			-4191 Nov 01 j 15:02	0°♑	
	-4193 Jun 20 j 12:25	0°♏			-4191 Nov 26 j 03:43	0°♒	
	-4193 Jul 15 j 21:05	0°♐			-4191 Dec 20 j 13:28	0°♓	
desc. node	-4193 Jul 26 j 16:44	12°♐34'17		desc. node	-4190 Jan 10 j 14:16	25°♓49'41	
	-4193 Aug 10 j 23:48	0°♑			-4190 Jan 13 j 23:55	0°♑	
	-4193 Sep 07 j 22:04	0°♒			-4190 Feb 07 j 11:32	0°♓	
evening max el	-4193 Sep 08 j 00:44	0°♒06'41	47°33'28		-4190 Mar 03 j 23:37	0°♎	
	-4193 Oct 15 j 00:10	0°♓		morning set	-4190 Mar 06 j 23:38	3°♎40'27	
greatest brilliancy	-4193 Oct 16 j 17:54	0°♓47'51	-4.7m		-4190 Mar 28 j 11:21	0°♋	
retrograde	-4193 Oct 28 j 23:16	3°♓36'34		max. Earth dist.	-4190 Apr 10 j 21:31	16°♋27'53	1.73730 AU
	-4193 Nov 11 j 05:05	30°♒♊					
evening set	-4193 Nov 12 j 10:29	29°♒20'48		superior conj	-4190 Apr 12 j 09:45	18°♋19'02	0°-46'-18
asc. node	-4193 Nov 16 j 13:04	26°♒56'08		minimum elong	-4190 Apr 12 j 17:30	18°♋42'47	0°46'03
min. Earth dist.	-4193 Nov 17 j 20:28	26°♒07'38	0.26688 AU		-4190 Apr 21 j 22:07	0°♌	
inferior conj	-4193 Nov 18 j 14:04	25°♒40'19	0°31'10	asc. node	-4190 May 03 j 08:56	14°♌04'35	
minimum elong	-4193 Nov 18 j 12:55	25°♒42'06	0°30'43		-4190 May 16 j 07:31	0°♍	
morning rise	-4193 Nov 24 j 16:12	22°♒04'24		evening rise	-4190 May 18 j 03:53	2°♌16'36	
direct	-4193 Dec 08 j 22:03	17°♒59'30			-4190 Jun 09 j 15:35	0°♎	
greatest brilliancy	-4193 Dec 19 j 20:49	20°♒15'22	-4.6m		-4190 Jul 03 j 23:04	0°♏	
	-4192 Jan 05 j 07:51	0°♓			-4190 Jul 28 j 07:35	0°♐	
morning max el	-4192 Jan 27 j 12:39	19°♓34'21	46°16'30		-4190 Aug 21 j 19:24	0°♑	
	-4192 Feb 06 j 21:17	0°♑		desc. node	-4190 Aug 23 j 04:50	1°♑41'53	
	-4192 Mar 05 j 15:56	0°♓			-4190 Sep 15 j 13:44	0°♒	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4190 Oct 10 j 20:34	0°♌		desc. node	-4187 Feb 07 j 02:05	12°♌52'11	
	-4190 Nov 06 j 08:08	0°♌			-4187 Feb 21 j 09:58	0°♌	
evening max el	-4190 Nov 18 j 06:09	12°♌35'21	47°00'51		-4187 Mar 18 j 09:04	0°♌	
	-4190 Dec 06 j 17:41	0°♌			-4187 Apr 12 j 04:02	0°♌	
asc. node	-4190 Dec 14 j 00:42	5°♌44'43			-4187 May 06 j 18:31	0°♌	
greatest brilliancy	-4190 Dec 24 j 11:07	12°♌14'25	-4.6m	morning set	-4187 May 13 j 02:53	7°♌46'46	
retrograde	-4189 Jan 08 j 00:18	16°♌08'10		asc. node	-4187 May 30 j 21:21	29°♌38'52	
evening set	-4189 Jan 25 j 08:21	10°♌14'07			-4187 May 31 j 04:12	0°♌	
min. Earth dist.	-4189 Jan 28 j 14:31	8°♌10'54	0.28745 AU	max. Earth dist.	-4187 Jun 13 j 21:08	16°♌57'15	1.72742 AU
inferior conj	-4189 Jan 29 j 06:36	7°♌45'05	8°05'22				
minimum elong	-4189 Jan 29 j 02:14	7°♌52'05	8°04'52	superior conj	-4187 Jun 18 j 02:39	22°♌12'09	0°41'05
morning rise	-4189 Feb 01 j 20:25	5°♌29'25		minimum elong	-4187 Jun 17 j 19:22	21°♌49'31	0°40'55
	-4189 Feb 14 j 11:59	30°♌			-4187 Jun 24 j 09:14	0°♌	
direct	-4189 Feb 19 j 12:16	29°♌29'53			-4187 Jul 18 j 10:34	0°♌	
	-4189 Feb 24 j 15:58	0°♌		evening rise	-4187 Jul 24 j 11:32	7°♌33'14	
greatest brilliancy	-4189 Mar 02 j 18:55	1°♌46'57	-4.5m		-4187 Aug 11 j 10:00	0°♌	
desc. node	-4189 Apr 04 j 22:56	25°♌14'22			-4187 Sep 04 j 09:43	0°♌	
morning max el	-4189 Apr 09 j 05:25	29°♌13'57	45°49'51	desc. node	-4187 Sep 19 j 17:05	19°♌05'16	
	-4189 Apr 10 j 00:43	0°♌			-4187 Sep 28 j 11:40	0°♌	
	-4189 May 09 j 02:27	0°♌			-4187 Oct 22 j 17:40	0°♌	
	-4189 Jun 04 j 18:42	0°♌			-4187 Nov 16 j 06:31	0°♌	
	-4189 Jun 30 j 06:49	0°♌			-4187 Dec 11 j 08:34	0°♌	
	-4189 Jul 25 j 00:40	0°♌			-4186 Jan 06 j 15:15	0°♌	
asc. node	-4189 Jul 26 j 19:30	2°♌11'31		asc. node	-4186 Jan 10 j 12:19	4°♌13'44	
	-4189 Aug 18 j 05:49	0°♌		evening max el	-4186 Jan 28 j 03:56	22°♌29'41	45°34'57
	-4189 Sep 11 j 03:14	0°♌			-4186 Feb 05 j 02:44	0°♌	
morning set	-4189 Oct 04 j 21:31	0°♌		greatest brilliancy	-4186 Mar 03 j 03:09	18°♌56'52	-4.5m
	-4189 Oct 05 j 07:38	0°♌31'59		retrograde	-4186 Mar 17 j 22:15	22°♌45'22	
	-4189 Oct 28 j 16:15	0°♌		evening set	-4186 Apr 03 j 04:07	17°♌40'54	
desc. node	-4189 Nov 15 j 15:49	22°♌36'04		inferior conj	-4186 Apr 08 j 08:46	14°♌30'33	5°05'42
				minimum elong	-4186 Apr 08 j 17:29	14°♌16'50	5°03'43
superior conj	-4189 Nov 16 j 04:27	23°♌15'44	0°-1'-14	min. Earth dist.	-4186 Apr 09 j 00:28	14°♌05'52	0.29263 AU
minimum elong	-4189 Nov 16 j 04:04	23°♌14'32	0°01'17	morning rise	-4186 Apr 14 j 06:41	10°♌55'06	
behind sun begin	-4189 Nov 15 j 01:02	21°♌49'42		direct	-4186 Apr 30 j 05:02	6°♌04'31	
behind sun end	-4189 Nov 17 j 07:07	24°♌39'20		desc. node	-4186 May 02 j 10:13	6°♌10'10	
max. Earth dist.	-4189 Nov 21 j 02:38	29°♌25'59	1.71365 AU	greatest brilliancy	-4186 May 14 j 05:52	9°♌30'22	-4.5m
	-4189 Nov 21 j 13:30	0°♌			-4186 Jun 11 j 15:57	0°♌	
	-4189 Dec 15 j 13:57	0°♌		morning max el	-4186 Jun 18 j 09:32	6°♌18'39	46°01'39
evening rise	-4189 Dec 28 j 01:45	15°♌31'56			-4186 Jul 11 j 07:41	0°♌	
	-4188 Jan 08 j 17:50	0°♌			-4186 Aug 06 j 18:24	0°♌	
	-4188 Feb 02 j 01:50	0°♌		asc. node	-4186 Aug 23 j 07:12	19°♌39'54	
	-4188 Feb 26 j 15:32	0°♌			-4186 Aug 31 j 19:48	0°♌	
asc. node	-4188 Mar 07 j 10:17	11°♌50'16			-4186 Sep 25 j 03:37	0°♌	
	-4188 Mar 22 j 13:21	0°♌			-4186 Oct 19 j 03:18	0°♌	
	-4188 Apr 16 j 22:44	0°♌			-4186 Nov 12 j 01:12	0°♌	
	-4188 May 13 j 02:01	0°♌			-4186 Dec 06 j 00:56	0°♌	
	-4188 Jun 09 j 15:54	0°♌		desc. node	-4186 Dec 13 j 04:11	8°♌53'45	
evening max el	-4188 Jun 22 j 21:16	13°♌18'47	46°15'54	morning set	-4186 Dec 21 j 18:04	19°♌34'06	
desc. node	-4188 Jun 27 j 07:13	17°♌31'01			-4186 Dec 30 j 03:37	0°♌	
	-4188 Jul 11 j 16:05	0°♌			-4185 Jan 23 j 08:59	0°♌	
greatest brilliancy	-4188 Aug 01 j 08:53	12°♌26'33	-4.6m				
retrograde	-4188 Aug 11 j 15:06	14°♌22'27		superior conj	-4185 Jan 31 j 04:57	9°♌40'28	-1°-21'-43
evening set	-4188 Aug 29 j 10:40	8°♌27'02		minimum elong	-4185 Jan 31 j 00:48	9°♌27'37	1°21'53
inferior conj	-4188 Sep 01 j 08:45	6°♌42'26	-8°-44'-6	max. Earth dist.	-4185 Feb 02 j 20:49	12°♌57'32	1.73008 AU
minimum elong	-4188 Sep 01 j 13:59	6°♌34'32	8°43'34		-4185 Feb 16 j 16:36	0°♌	
min. Earth dist.	-4188 Sep 01 j 18:36	6°♌27'34	0.26847 AU	evening rise	-4185 Mar 10 j 02:10	26°♌18'26	
morning rise	-4188 Sep 04 j 17:09	4°♌42'30			-4185 Mar 13 j 02:24	0°♌	
	-4188 Sep 15 j 01:03	30°♌		asc. node	-4185 Apr 04 j 22:38	27°♌57'43	
direct	-4188 Sep 21 j 21:30	29°♌01'43			-4185 Apr 06 j 14:41	0°♌	
	-4188 Sep 28 j 22:47	0°♌			-4185 May 01 j 05:53	0°♌	
greatest brilliancy	-4188 Oct 05 j 00:09	2°♌13'11	-4.7m		-4185 May 26 j 00:46	0°♌	
asc. node	-4188 Oct 18 j 03:53	10°♌21'02			-4185 Jun 20 j 01:10	0°♌	
	-4188 Nov 09 j 01:40	0°♌			-4185 Jul 15 j 11:17	0°♌	
morning max el	-4188 Nov 11 j 17:09	2°♌40'50	46°50'02	desc. node	-4185 Jul 25 j 18:47	11°♌56'43	
	-4188 Dec 06 j 21:35	0°♌			-4185 Aug 10 j 16:41	0°♌	
	-4187 Jan 01 j 21:17	0°♌		evening max el	-4185 Sep 05 j 15:44	27°♌44'56	47°32'23
	-4187 Jan 27 j 06:41	0°♌			-4185 Sep 07 j 21:47	0°♌	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-4180 Jul 29 j 18:56	9°Ω57'12	-4.6m	superior conj	-4177 Jan 28 j 19:03	7°☾21'12	-1°-20'-55
retrograde	-4180 Aug 09 j 03:34	11°Ω54'38		minimum elong	-4177 Jan 28 j 14:07	7°☾05'57	1°21'05
evening set	-4180 Aug 27 j 00:12	5°Ω56'56		max. Earth dist.	-4177 Jan 31 j 16:38	10°☾56'00	1.72957 AU
inferior conj	-4180 Aug 29 j 20:57	4°Ω14'14	-8°-48'-53		-4177 Feb 16 j 03:44	0°≈	
minimum elong	-4180 Aug 30 j 01:20	4°Ω07'38	8°48'28	evening rise	-4177 Mar 07 j 19:05	24°≈08'49	
min. Earth dist.	-4180 Aug 30 j 06:25	3°Ω59'58	0.26892 AU		-4177 Mar 12 j 13:34	0°✕	
morning rise	-4180 Sep 02 j 02:21	2°Ω18'49		asc. node	-4177 Apr 04 j 00:51	27°✕29'57	
	-4180 Sep 06 j 08:13	30°☿☾			-4177 Apr 06 j 02:00	0°☿	
direct	-4180 Sep 19 j 11:04	26°☾32'57			-4177 Apr 30 j 17:31	0°♄	
greatest brilliancy	-4180 Oct 02 j 14:02	29°☾45'21	-4.7m		-4177 May 25 j 12:56	0°♂	
	-4180 Oct 03 j 02:35	0°Ω			-4177 Jun 19 j 14:11	0°☾	
asc. node	-4180 Oct 17 j 06:07	9°Ω03'16			-4177 Jul 15 j 01:45	0°Ω	
	-4180 Nov 09 j 01:25	0°♍		desc. node	-4177 Jul 24 j 20:53	11°Ω18'45	
morning max el	-4180 Nov 09 j 07:29	0°♍15'30	46°50'31		-4177 Aug 10 j 09:59	0°♍	
	-4180 Dec 06 j 14:34	0°♂		evening max el	-4177 Sep 03 j 05:38	25°♍20'03	47°30'57
	-4179 Jan 01 j 11:43	0°♍			-4177 Sep 07 j 22:46	0°♂	
	-4179 Jan 26 j 19:47	0°♂		greatest brilliancy	-4177 Oct 12 j 03:28	25°♂59'10	-4.7m
desc. node	-4179 Feb 06 j 04:09	12°♂20'33		retrograde	-4177 Oct 24 j 01:32	28°♂39'12	
	-4179 Feb 20 j 22:13	0°☾		evening set	-4177 Nov 07 j 14:10	24°♂23'47	
	-4179 Mar 17 j 20:45	0°≈		min. Earth dist.	-4177 Nov 13 j 01:09	21°♂08'59	0.26595 AU
	-4179 Apr 11 j 15:20	0°✕		inferior conj	-4177 Nov 13 j 16:05	20°♂45'46	0°-16'-11
	-4179 May 06 j 05:35	0°☿		minimum elong	-4177 Nov 13 j 16:41	20°♂44'50	0°16'04
morning set	-4179 May 10 j 22:09	5°☿44'48		transit middle	-4177 Nov 13 j 16:41	20°♂44'50	0°16'04
asc. node	-4179 May 29 j 23:30	29°☿11'33		transit begin	-4177 Nov 13 j 15:30	20°♂46'40	
	-4179 May 30 j 15:12	0°♄		transit end	-4177 Nov 13 j 17:52	20°♂43'00	
max. Earth dist.	-4179 Jun 11 j 16:17	14°♄53'45	1.72796 AU	asc. node	-4177 Nov 14 j 17:27	20°♂06'29	
				morning rise	-4177 Nov 19 j 19:57	17°♂07'30	
superior conj	-4179 Jun 15 j 21:07	20°♄06'19	0°38'20	direct	-4177 Dec 03 j 23:13	13°♂07'02	
minimum elong	-4179 Jun 15 j 14:12	19°♄44'52	0°38'11	greatest brilliancy	-4177 Dec 15 j 00:07	15°♂24'27	-4.6m
	-4179 Jun 23 j 20:16	0°♂			-4176 Jan 06 j 10:51	0°♍	
	-4179 Jul 17 j 21:45	0°☾		morning max el	-4176 Jan 22 j 14:30	14°♍48'19	46°19'05
evening rise	-4179 Jul 22 j 03:57	5°☾19'23			-4176 Feb 06 j 11:56	0°♂	
	-4179 Aug 10 j 21:24	0°Ω			-4176 Mar 04 j 21:56	0°☾	
	-4179 Sep 03 j 21:23	0°♍		desc. node	-4176 Mar 05 j 15:57	0°☾50'43	
desc. node	-4179 Sep 18 j 19:15	18°♍34'59			-4176 Mar 31 j 02:45	0°≈	
	-4179 Sep 27 j 23:41	0°♂			-4176 Apr 25 j 15:38	0°✕	
	-4179 Oct 22 j 06:06	0°♍			-4176 May 20 j 16:58	0°☿	
	-4179 Nov 15 j 19:33	0°♂			-4176 Jun 14 j 08:28	0°♄	
	-4179 Dec 10 j 22:45	0°☾		asc. node	-4176 Jun 26 j 11:36	14°♄56'04	
	-4178 Jan 06 j 08:07	0°≈			-4176 Jul 08 j 15:23	0°♂	
asc. node	-4178 Jan 09 j 14:21	3°≈32'03		morning set	-4176 Jul 17 j 21:14	11°♂31'02	
evening max el	-4178 Jan 25 j 20:14	20°≈18'18	45°37'21		-4176 Aug 01 j 15:32	0°☾	
	-4178 Feb 05 j 05:16	0°✕		max. Earth dist.	-4176 Aug 22 j 22:53	26°☾48'41	1.71121 AU
greatest brilliancy	-4178 Feb 28 j 20:30	16°✕49'55	-4.5m				
retrograde	-4178 Mar 15 j 15:07	20°✕37'51		superior conj	-4176 Aug 24 j 21:21	29°☾15'07	1°23'31
evening set	-4178 Mar 31 j 23:30	15°✕29'53		minimum elong	-4176 Aug 24 j 23:32	29°☾22'00	1°23'41
inferior conj	-4178 Apr 06 j 01:42	12°✕22'31	5°20'16		-4176 Aug 25 j 11:35	0°Ω	
minimum elong	-4178 Apr 06 j 10:33	12°✕08'33	5°18'18		-4176 Sep 18 j 06:34	0°♍	
min. Earth dist.	-4178 Apr 06 j 16:47	11°✕58'42	0.29280 AU	evening rise	-4176 Oct 04 j 13:39	20°♍30'54	
morning rise	-4178 Apr 11 j 21:28	8°✕49'38			-4176 Oct 12 j 02:49	0°♂	
direct	-4178 Apr 27 j 22:14	3°✕56'27		desc. node	-4176 Oct 16 j 07:43	5°♂16'36	
desc. node	-4178 May 01 j 12:26	4°✕11'08			-4176 Nov 05 j 01:47	0°♍	
greatest brilliancy	-4178 May 11 j 19:23	7°✕18'13	-4.5m		-4176 Nov 29 j 04:26	0°♂	
	-4178 Jun 11 j 16:52	0°☿			-4176 Dec 23 j 12:29	0°☾	
morning max el	-4178 Jun 16 j 01:34	4°☿07'47	46°00'39		-4175 Jan 17 j 05:37	0°≈	
	-4178 Jul 11 j 00:13	0°♄		asc. node	-4175 Feb 06 j 02:22	23°≈34'30	
	-4178 Aug 06 j 08:19	0°♂			-4175 Feb 11 j 14:37	0°✕	
asc. node	-4178 Aug 22 j 09:26	19°♂07'16			-4175 Mar 10 j 04:44	0°☿	
	-4178 Aug 31 j 08:34	0°☾		evening max el	-4175 Apr 06 j 14:46	28°☿11'40	45°08'14
	-4178 Sep 24 j 15:49	0°Ω			-4175 Apr 08 j 12:46	0°♄	
	-4178 Oct 18 j 15:11	0°♍		greatest brilliancy	-4175 May 12 j 04:56	24°♄32'35	-4.5m
	-4178 Nov 11 j 12:55	0°♂		retrograde	-4175 May 24 j 22:17	27°♄22'26	
	-4178 Dec 05 j 12:29	0°♍		desc. node	-4175 May 28 j 23:51	27°♄03'12	
desc. node	-4178 Dec 12 j 06:13	8°♍24'17		evening set	-4175 Jun 08 j 22:18	23°♄08'15	
morning set	-4178 Dec 19 j 04:37	17°♍02'12		inferior conj	-4175 Jun 15 j 04:58	19°♄29'13	-3°-55'-21
	-4178 Dec 29 j 14:59	0°♂		minimum elong	-4175 Jun 14 j 20:55	19°♄41'29	3°53'05
	-4177 Jan 22 j 20:13	0°☾		min. Earth dist.	-4175 Jun 15 j 15:36	19°♄13'00	0.28198 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4175 Jun 20 j 18:46	16°♄10'44			-4173 Nov 20 j 11:53	0°♍	
direct	-4175 Jul 06 j 15:45	11°♄22'50			-4173 Dec 14 j 12:18	0°♈	
greatest brilliancy	-4175 Jul 21 j 07:50	15°♄08'33	-4.6m	evening rise	-4173 Dec 23 j 00:45	10°♈35'56	
	-4175 Aug 11 j 14:13	0°♄			-4172 Jan 07 j 16:13	0°♈	
morning max el	-4175 Aug 25 j 18:35	13°♄18'46	46°37'15		-4172 Feb 01 j 00:23	0°♈	
	-4175 Sep 10 j 14:55	0°♄			-4172 Feb 25 j 14:35	0°♈	
asc. node	-4175 Sep 18 j 21:00	9°♄11'42		asc. node	-4172 Mar 05 j 14:38	10°♈52'44	
	-4175 Oct 06 j 19:42	0°♄			-4172 Mar 21 j 13:30	0°♈	
	-4175 Oct 31 j 17:48	0°♄			-4172 Apr 16 j 01:00	0°♈	
	-4175 Nov 25 j 04:48	0°♄			-4172 May 12 j 08:27	0°♄	
	-4175 Dec 19 j 13:26	0°♍			-4172 Jun 09 j 08:08	0°♄	
desc. node	-4174 Jan 08 j 18:21	24°♍50'51		evening max el	-4172 Jun 18 j 01:19	8°♄39'07	46°09'28
	-4174 Jan 12 j 23:03	0°♈		desc. node	-4172 Jun 25 j 11:21	15°♄36'22	
	-4174 Feb 06 j 10:03	0°♈			-4172 Jul 13 j 06:28	0°♄	
morning set	-4174 Mar 02 j 09:16	29°♈21'56		greatest brilliancy	-4172 Jul 27 j 05:27	7°♄29'19	-4.6m
	-4174 Mar 02 j 21:42	0°♈		retrograde	-4172 Aug 06 j 15:45	9°♄27'32	
	-4174 Mar 27 j 09:09	0°♈		evening set	-4172 Aug 24 j 13:19	3°♄28'31	
max. Earth dist.	-4174 Apr 06 j 15:45	12°♈36'19	1.73742 AU	inferior conj	-4172 Aug 27 j 09:10	1°♄47'00	-8°-52'-40
				minimum elong	-4172 Aug 27 j 12:37	1°♄41'47	8°52'21
superior conj	-4174 Apr 07 j 23:17	14°♈13'03	0°-51'-15	min. Earth dist.	-4172 Aug 27 j 18:14	1°♄33'18	0.26933 AU
minimum elong	-4174 Apr 08 j 07:29	14°♈38'11	0°51'01	morning rise	-4172 Aug 30 j 11:50	29°♄55'28	
	-4174 Apr 20 j 19:51	0°♈			-4172 Aug 30 j 08:44	30°♈	
asc. node	-4174 May 01 j 13:14	13°♈10'44		direct	-4172 Sep 17 j 00:35	24°♄05'20	
evening rise	-4174 May 13 j 18:58	28°♈13'58		greatest brilliancy	-4172 Sep 30 j 03:12	27°♄17'28	-4.7m
	-4174 May 15 j 05:26	0°♈			-4172 Oct 05 j 06:15	0°♄	
	-4174 Jun 08 j 13:57	0°♄		asc. node	-4172 Oct 16 j 08:14	7°♄48'32	
	-4174 Jul 02 j 22:08	0°♄		morning max el	-4172 Nov 06 j 21:13	27°♄49'28	46°50'58
	-4174 Jul 27 j 07:36	0°♄			-4172 Nov 08 j 23:52	0°♈	
	-4174 Aug 20 j 20:42	0°♈			-4172 Dec 06 j 06:55	0°♄	
desc. node	-4174 Aug 21 j 09:05	0°♈37'39			-4171 Jan 01 j 01:39	0°♍	
	-4174 Sep 14 j 16:52	0°♄			-4171 Jan 26 j 08:24	0°♈	
	-4174 Oct 10 j 02:59	0°♍		desc. node	-4171 Feb 05 j 06:23	11°♈50'42	
	-4174 Nov 05 j 22:04	0°♈			-4171 Feb 20 j 10:02	0°♈	
evening max el	-4174 Nov 13 j 12:28	7°♈56'49	47°06'26		-4171 Mar 17 j 08:02	0°♈	
	-4174 Dec 07 j 17:17	0°♈			-4171 Apr 11 j 02:17	0°♈	
asc. node	-4174 Dec 12 j 04:54	3°♈13'33			-4171 May 05 j 16:23	0°♈	
greatest brilliancy	-4174 Dec 19 j 20:42	7°♈46'10	-4.6m	morning set	-4171 May 08 j 17:15	3°♈43'13	
retrograde	-4173 Jan 03 j 10:06	11°♈41'09		asc. node	-4171 May 29 j 01:33	28°♈44'42	
evening set	-4173 Jan 20 j 12:28	5°♈53'50			-4171 May 30 j 01:57	0°♈	
min. Earth dist.	-4173 Jan 23 j 20:47	3°♈47'57	0.28623 AU	max. Earth dist.	-4171 Jun 09 j 09:12	12°♈44'15	1.72852 AU
inferior conj	-4173 Jan 24 j 15:13	3°♈18'29	7°55'19				
minimum elong	-4173 Jan 24 j 09:37	3°♈27'26	7°54'38	superior conj	-4171 Jun 13 j 15:22	18°♈00'44	0°35'31
morning rise	-4173 Jan 28 j 07:06	1°♈00'10		minimum elong	-4171 Jun 13 j 08:53	17°♈40'37	0°35'22
	-4173 Jan 29 j 23:34	30°♈			-4171 Jun 23 j 07:05	0°♄	
direct	-4173 Feb 14 j 18:40	25°♈04'59			-4171 Jul 17 j 08:41	0°♄	
greatest brilliancy	-4173 Feb 25 j 23:45	27°♈21'04	-4.5m	evening rise	-4171 Jul 19 j 20:11	3°♄05'52	
	-4173 Mar 03 j 18:01	0°♈			-4171 Aug 10 j 08:31	0°♄	
desc. node	-4173 Apr 03 j 03:15	23°♈33'07			-4171 Sep 03 j 08:46	0°♈	
morning max el	-4173 Apr 04 j 13:49	24°♈54'51	45°50'39	desc. node	-4171 Sep 17 j 21:21	18°♈05'30	
	-4173 Apr 09 j 19:50	0°♈			-4171 Sep 27 j 11:23	0°♄	
	-4173 May 08 j 09:28	0°♈			-4171 Oct 21 j 18:13	0°♍	
	-4173 Jun 03 j 21:16	0°♈			-4171 Nov 15 j 08:18	0°♈	
	-4173 Jun 29 j 07:18	0°♈			-4171 Dec 10 j 12:40	0°♈	
	-4173 Jul 24 j 00:05	0°♄			-4170 Jan 06 j 00:50	0°♈	
asc. node	-4173 Jul 24 j 23:45	1°♄12'43		asc. node	-4170 Jan 08 j 16:38	2°♈51'53	
	-4173 Aug 17 j 04:44	0°♄		evening max el	-4170 Jan 23 j 11:53	18°♈06'33	45°39'50
	-4173 Sep 10 j 01:55	0°♄			-4170 Feb 05 j 08:44	0°♈	
morning set	-4173 Sep 30 j 05:29	25°♄26'35		greatest brilliancy	-4170 Feb 26 j 13:39	14°♈44'09	-4.5m
	-4173 Oct 03 j 20:04	0°♈		retrograde	-4170 Mar 13 j 07:39	18°♈32'06	
	-4173 Oct 27 j 14:42	0°♄		evening set	-4170 Mar 29 j 18:59	13°♈20'32	
				inferior conj	-4170 Apr 03 j 18:48	10°♈16'16	5°34'10
superior conj	-4173 Nov 10 j 21:53	17°♄58'48	0°06'50	minimum elong	-4170 Apr 04 j 03:43	10°♈02'10	5°32'16
minimum elong	-4173 Nov 10 j 23:45	18°♄04'41	0°06'42	min. Earth dist.	-4170 Apr 04 j 09:29	9°♈53'03	0.29298 AU
behind sun begin	-4173 Nov 09 j 22:40	16°♄45'55		morning rise	-4170 Apr 09 j 12:18	6°♈46'02	
behind sun end	-4173 Nov 12 j 00:50	19°♄23'25		direct	-4170 Apr 25 j 15:09	1°♈50'03	
desc. node	-4173 Nov 13 j 20:00	21°♄38'53		desc. node	-4170 Apr 30 j 14:28	2°♈17'46	
max. Earth dist.	-4173 Nov 15 j 16:35	23°♄58'43	1.71270 AU	greatest brilliancy	-4170 May 09 j 09:24	5°♈08'03	-4.5m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4170 Jun 11 j 16:14	0°♊		asc. node	-4167 Feb 05 j 04:31	23°≈02'41	
morning max el	-4170 Jun 13 j 17:00	1°♊56'25	45°59'31		-4167 Feb 11 j 04:00	0°♋	
	-4170 Jul 10 j 16:11	0°♌			-4167 Mar 09 j 20:40	0°♊	
	-4170 Aug 05 j 21:53	0°♍		evening max el	-4167 Apr 04 j 05:58	26°♊00'12	45°07'51
asc. node	-4170 Aug 21 j 11:38	18°♍35'22			-4167 Apr 08 j 12:48	0°♌	
	-4170 Aug 30 j 21:01	0°♎		greatest brilliancy	-4167 May 09 j 15:58	22°♌16'21	-4.5m
	-4170 Sep 24 j 03:40	0°♏		retrograde	-4167 May 22 j 13:30	25°♌10'28	
	-4170 Oct 18 j 02:43	0°♐		desc. node	-4167 May 28 j 01:58	24°♌34'46	
	-4170 Nov 11 j 00:14	0°♑		evening set	-4167 Jun 06 j 11:58	20°♌57'14	
	-4170 Dec 04 j 23:38	0°♒		inferior conj	-4167 Jun 12 j 20:01	17°♌16'17	-3°-36'-24
desc. node	-4170 Dec 11 j 08:17	7°♒56'07		minimum elong	-4167 Jun 12 j 12:30	17°♌27'44	3°34'14
morning set	-4170 Dec 16 j 15:07	14°♒31'07		min. Earth dist.	-4167 Jun 13 j 06:51	16°♌59'45	0.28244 AU
	-4170 Dec 29 j 01:59	0°♓		morning rise	-4167 Jun 18 j 12:18	13°♌54'34	
	-4169 Jan 22 j 07:04	0°♈		direct	-4167 Jul 04 j 07:36	9°♌08'53	
				greatest brilliancy	-4167 Jul 19 j 01:04	12°♌56'38	-4.6m
superior conj	-4169 Jan 26 j 09:13	5°♈03'16	-1°-20'-1		-4167 Aug 11 j 19:22	0°♉	
minimum elong	-4169 Jan 26 j 03:31	4°♈45'41	1°20'08	morning max el	-4167 Aug 23 j 10:13	11°♉02'23	46°35'57
max. Earth dist.	-4169 Jan 29 j 10:53	8°♈50'46	1.72900 AU		-4167 Sep 10 j 08:35	0°♊	
	-4169 Feb 15 j 14:30	0°♋		asc. node	-4167 Sep 17 j 23:06	8°♊31'12	
evening rise	-4169 Mar 05 j 12:06	22°≈00'40			-4167 Oct 06 j 10:15	0°♌	
	-4169 Mar 12 j 00:19	0°♋			-4167 Oct 31 j 06:58	0°♍	
asc. node	-4169 Apr 03 j 02:56	27°♋03'04			-4167 Nov 24 j 17:11	0°♎	
	-4169 Apr 05 j 12:55	0°♌			-4167 Dec 19 j 01:16	0°♏	
	-4169 Apr 30 j 04:46	0°♍		desc. node	-4166 Jan 07 j 20:36	24°♏22'26	
	-4169 May 25 j 00:47	0°♎			-4166 Jan 12 j 10:29	0°♐	
	-4169 Jun 19 j 03:00	0°♏			-4166 Feb 05 j 21:11	0°♑	
	-4169 Jul 14 j 16:09	0°♐		morning set	-4166 Feb 28 j 01:43	27°♑11'49	
desc. node	-4169 Jul 23 j 23:05	10°♐41'22			-4166 Mar 02 j 08:36	0°≈	
	-4169 Aug 10 j 03:27	0°♑			-4166 Mar 26 j 19:56	0°♋	
evening max el	-4169 Aug 31 j 18:40	22°♑53'37	47°29'34	max. Earth dist.	-4166 Apr 04 j 14:36	10°♋46'09	1.73742 AU
	-4169 Sep 08 j 00:47	0°♒					
greatest brilliancy	-4169 Oct 09 j 20:11	23°♒34'44	-4.7m	superior conj	-4166 Apr 05 j 17:56	12°♋10'01	0°-53'-38
retrograde	-4169 Oct 21 j 14:06	26°♒10'41		minimum elong	-4166 Apr 06 j 02:18	12°♋35'43	0°53'24
evening set	-4169 Nov 05 j 04:06	21°♒54'35			-4166 Apr 20 j 06:35	0°♌	
min. Earth dist.	-4169 Nov 10 j 15:45	18°♒39'08	0.26555 AU	asc. node	-4166 Apr 30 j 15:19	12°♌44'04	
inferior conj	-4169 Nov 11 j 04:59	18°♒18'37	0°-39'-57	evening rise	-4166 May 11 j 14:39	26°♌13'40	
minimum elong	-4169 Nov 11 j 06:28	18°♒16'19	0°39'34		-4166 May 14 j 16:15	0°♍	
asc. node	-4169 Nov 13 j 19:31	16°♒42'32			-4166 Jun 08 j 00:58	0°♎	
morning rise	-4169 Nov 17 j 09:25	14°♒39'31			-4166 Jul 02 j 09:31	0°♏	
direct	-4169 Dec 01 j 11:06	10°♒40'24			-4166 Jul 26 j 19:29	0°♐	
greatest brilliancy	-4169 Dec 12 j 15:04	13°♒00'26	-4.6m	desc. node	-4166 Aug 20 j 11:09	0°♑05'40	
	-4168 Jan 06 j 19:15	0°♒			-4166 Aug 20 j 09:17	0°♑	
morning max el	-4168 Jan 20 j 03:25	12°♒25'18	46°20'31		-4166 Sep 14 j 06:31	0°♒	
	-4168 Feb 06 j 06:18	0°♓			-4166 Oct 09 j 18:28	0°♓	
desc. node	-4168 Mar 04 j 17:59	0°♓15'39			-4166 Nov 05 j 17:54	0°♔	
	-4168 Mar 04 j 12:27	0°♈		evening max el	-4166 Nov 11 j 04:58	5°♔40'44	47°09'04
	-4168 Mar 30 j 15:30	0°≈			-4166 Dec 08 j 11:40	0°♈	
	-4168 Apr 25 j 03:25	0°♋		asc. node	-4166 Dec 11 j 07:11	1°♈54'23	
	-4168 May 20 j 04:13	0°♌		greatest brilliancy	-4166 Dec 17 j 13:56	5°♈31'58	-4.6m
	-4168 Jun 13 j 19:26	0°♍		retrograde	-4165 Jan 01 j 03:10	9°♈26'23	
asc. node	-4168 Jun 25 j 13:51	14°♍29'25		evening set	-4165 Jan 18 j 02:04	3°♈42'59	
	-4168 Jul 08 j 02:14	0°♎		min. Earth dist.	-4165 Jan 21 j 11:22	1°♈35'45	0.28555 AU
morning set	-4168 Jul 15 j 13:16	9°♎17'23		inferior conj	-4165 Jan 22 j 07:13	1°♈04'01	7°49'15
	-4168 Aug 01 j 02:24	0°♏		minimum elong	-4165 Jan 22 j 01:04	1°♈13'52	7°48'25
max. Earth dist.	-4168 Aug 20 j 08:11	24°♏12'11	1.71168 AU		-4165 Jan 23 j 23:27	30°♉♔	
				morning rise	-4165 Jan 26 j 00:27	28°♉43'56	
superior conj	-4168 Aug 22 j 10:43	26°♏51'27	1°23'48	direct	-4165 Feb 12 j 10:15	22°♉51'43	
minimum elong	-4168 Aug 22 j 12:01	26°♏55'32	1°23'59	greatest brilliancy	-4165 Feb 23 j 12:37	25°♉05'54	-4.5m
	-4168 Aug 24 j 22:33	0°♐			-4165 Mar 05 j 05:42	0°♊	
	-4168 Sep 17 j 17:39	0°♑		desc. node	-4165 Apr 02 j 05:21	22°♊43'46	
evening rise	-4168 Oct 01 j 22:42	17°♑53'27		morning max el	-4165 Apr 02 j 06:21	22°♊46'10	45°51'04
	-4168 Oct 11 j 14:01	0°♒			-4165 Apr 09 j 16:16	0°≈	
desc. node	-4168 Oct 15 j 09:43	4°♒47'44			-4165 May 08 j 00:34	0°♋	
	-4168 Nov 04 j 13:04	0°♓			-4165 Jun 03 j 10:20	0°♌	
	-4168 Nov 28 j 15:52	0°♔			-4165 Jun 28 j 19:22	0°♍	
	-4168 Dec 23 j 00:12	0°♈			-4165 Jul 23 j 11:38	0°♎	
	-4167 Jan 16 j 17:52	0°≈		asc. node	-4165 Jul 24 j 01:54	0°♎43'52	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4165 Aug 16 j 16:02	0°☿		evening max el	-4162 Jan 21 j 02:38	15°≈51'11	45°42'15
	-4165 Sep 09 j 13:07	0°♌			-4162 Feb 05 j 14:44	0°♋	
morning set	-4165 Sep 27 j 16:51	22°♌55'36		greatest brilliancy	-4162 Feb 24 j 06:15	12°♋36'02	-4.5m
	-4165 Oct 03 j 07:14	0°♍		retrograde	-4162 Mar 11 j 00:01	16°♋24'52	
	-4165 Oct 27 j 01:53	0°♎		evening set	-4162 Mar 27 j 14:22	11°♋09'27	
				inferior conj	-4162 Apr 01 j 11:48	8°♋08'34	5°47'43
superior conj	-4165 Nov 08 j 06:32	15°♎20'05	0°10'50	minimum elong	-4162 Apr 01 j 20:44	7°♋54'24	5°45'52
minimum elong	-4165 Nov 08 j 09:30	15°♎29'24	0°10'40	min. Earth dist.	-4162 Apr 02 j 02:16	7°♋45'39	0.29314 AU
behind sun begin	-4165 Nov 07 j 12:37	14°♎23'47		morning rise	-4162 Apr 07 j 02:57	4°♋41'14	
behind sun end	-4165 Nov 09 j 06:24	16°♎35'01			-4162 Apr 19 j 09:38	30°♋≈	
desc. node	-4165 Nov 12 j 22:09	21°♎10'25		direct	-4162 Apr 23 j 07:32	29°≈42'05	
max. Earth dist.	-4165 Nov 13 j 02:12	21°♎23'09	1.71230 AU		-4162 Apr 27 j 07:19	0°♋	
	-4165 Nov 19 j 23:05	0°♌		desc. node	-4162 Apr 29 j 16:37	0°♋27'05	
	-4165 Dec 13 j 23:31	0°♍		greatest brilliancy	-4162 May 07 j 00:15	2°♋57'38	-4.5m
evening rise	-4165 Dec 20 j 11:41	8°♍05'56		morning max el	-4162 Jun 11 j 08:11	29°♋43'33	45°58'34
	-4164 Jan 07 j 03:26	0°♎			-4162 Jun 11 j 15:01	0°♏	
	-4164 Jan 31 j 11:42	0°♏			-4162 Jul 10 j 08:11	0°♐	
	-4164 Feb 25 j 02:10	0°♋			-4162 Aug 05 j 11:34	0°♑	
asc. node	-4164 Mar 04 j 16:40	10°♋23'29		asc. node	-4162 Aug 20 j 13:37	18°♑02'17	
	-4164 Mar 21 j 01:41	0°♏			-4162 Aug 30 j 09:38	0°☿	
	-4164 Apr 15 j 14:19	0°♐			-4162 Sep 23 j 15:45	0°♌	
	-4164 May 12 j 00:01	0°♑			-4162 Oct 17 j 14:29	0°♍	
	-4164 Jun 09 j 05:11	0°☿			-4162 Nov 10 j 11:48	0°♎	
evening max el	-4164 Jun 15 j 15:22	6°☿19'41	46°06'21		-4162 Dec 04 j 11:01	0°♌	
desc. node	-4164 Jun 24 j 13:37	14°☿37'53		desc. node	-4162 Dec 10 j 10:28	7°♌27'33	
	-4164 Jul 14 j 12:00	0°♌		morning set	-4162 Dec 14 j 01:45	11°♌59'33	
greatest brilliancy	-4164 Jul 24 j 17:08	5°♌03'26	-4.6m		-4162 Dec 28 j 13:13	0°♍	
retrograde	-4164 Aug 04 j 03:43	7°♌01'28			-4161 Jan 21 j 18:11	0°♎	
evening set	-4164 Aug 22 j 02:18	1°♌02'07					
	-4164 Aug 23 j 19:56	30°♌≈		superior conj	-4161 Jan 23 j 23:16	2°♎44'02	-1°-18'-57
inferior conj	-4164 Aug 24 j 21:44	29°☿21'01	-8°-55'-24	minimum elong	-4161 Jan 23 j 16:49	2°♎24'07	1°19'03
minimum elong	-4164 Aug 25 j 00:14	29°☿17'13	8°55'10	max. Earth dist.	-4161 Jan 27 j 03:12	6°♎38'37	1.72849 AU
min. Earth dist.	-4164 Aug 25 j 06:39	29°☿07'32	0.26973 AU		-4161 Feb 15 j 01:35	0°≈	
morning rise	-4164 Aug 27 j 22:06	27°☿32'37		evening rise	-4161 Mar 03 j 04:47	19°≈50'23	
direct	-4164 Sep 14 j 13:58	21°☿38'55			-4161 Mar 11 j 11:28	0°♋	
greatest brilliancy	-4164 Sep 27 j 16:46	24°☿50'41	-4.7m	asc. node	-4161 Apr 02 j 05:01	26°♋34'59	
	-4164 Oct 06 j 16:12	0°♌			-4161 Apr 05 j 00:13	0°♏	
asc. node	-4164 Oct 15 j 10:22	6°♌36'18			-4161 Apr 29 j 16:25	0°♐	
morning max el	-4164 Nov 04 j 10:00	25°♌20'51	46°51'09		-4161 May 24 j 13:01	0°♑	
	-4164 Nov 08 j 21:30	0°♍			-4161 Jun 18 j 16:13	0°☿	
	-4164 Dec 05 j 23:08	0°♎			-4161 Jul 14 j 07:03	0°♌	
	-4164 Dec 31 j 15:42	0°♌		desc. node	-4161 Jul 23 j 01:07	10°♌02'14	
	-4163 Jan 25 j 21:15	0°♍			-4161 Aug 09 j 21:39	0°♍	
desc. node	-4163 Feb 04 j 08:24	11°♍19'19		evening max el	-4161 Aug 29 j 07:23	20°♍25'34	47°28'04
	-4163 Feb 19 j 22:07	0°♎			-4161 Sep 08 j 04:45	0°♎	
	-4163 Mar 16 j 19:34	0°≈		greatest brilliancy	-4161 Oct 07 j 11:55	21°♎07'56	-4.7m
	-4163 Apr 10 j 13:28	0°♋		retrograde	-4161 Oct 19 j 02:41	23°♎41'07	
	-4163 May 05 j 03:22	0°♏		evening set	-4161 Nov 02 j 18:05	19°♎23'39	
morning set	-4163 May 06 j 12:14	1°♏40'39		inferior conj	-4161 Nov 08 j 17:45	15°♎50'09	-1°-3'-54
asc. node	-4163 May 28 j 03:44	28°♏17'42		minimum elong	-4161 Nov 08 j 20:07	15°♎46'29	1°03'12
	-4163 May 29 j 12:53	0°♐		min. Earth dist.	-4161 Nov 08 j 06:06	16°♎08'10	0.26520 AU
max. Earth dist.	-4163 Jun 07 j 02:44	10°♐36'08	1.72908 AU	asc. node	-4161 Nov 12 j 21:45	13°♎18'52	
				morning rise	-4161 Nov 14 j 22:35	12°♎10'46	
superior conj	-4163 Jun 11 j 09:46	15°♐55'03	0°32'41	direct	-4161 Nov 28 j 23:02	8°♎12'16	
minimum elong	-4163 Jun 11 j 03:43	15°♐36'19	0°32'32	greatest brilliancy	-4161 Dec 10 j 06:05	10°♎35'28	-4.6m
	-4163 Jun 22 j 18:05	0°♑			-4160 Jan 07 j 01:39	0°♌	
	-4163 Jul 16 j 19:49	0°☿		morning max el	-4160 Jan 17 j 17:01	10°♌02'58	46°22'00
evening rise	-4163 Jul 17 j 12:49	0°☿53'04			-4160 Feb 06 j 00:32	0°♍	
	-4163 Aug 09 j 19:51	0°♌		desc. node	-4160 Mar 03 j 20:05	29°♍40'07	
	-4163 Sep 02 j 20:21	0°♍			-4160 Mar 04 j 03:07	0°♎	
desc. node	-4163 Sep 16 j 23:23	17°♍35'15			-4160 Mar 30 j 04:31	0°≈	
	-4163 Sep 26 j 23:18	0°♎			-4160 Apr 24 j 15:34	0°♋	
	-4163 Oct 21 j 06:34	0°♌			-4160 May 19 j 15:50	0°♏	
	-4163 Nov 14 j 21:19	0°♍			-4160 Jun 13 j 06:45	0°♐	
	-4163 Dec 10 j 02:59	0°♎		asc. node	-4160 Jun 24 j 15:56	14°♐01'08	
	-4162 Jan 05 j 18:17	0°≈			-4160 Jul 07 j 13:25	0°♑	
asc. node	-4162 Jan 07 j 18:45	2°≈09'43		morning set	-4160 Jul 13 j 05:20	7°♑02'59	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4160 Jul 31 j 13:34	0°☿		inferior conj	-4157 Jan 19 j 23:07	28°☿48'35	7°42'19
max. Earth dist.	-4160 Aug 17 j 19:29	21°☿41'13	1.71213 AU	minimum elong	-4157 Jan 19 j 16:27	28°☿59'15	7°41'22
				morning rise	-4157 Jan 23 j 17:54	26°☿26'16	
superior conj	-4160 Aug 20 j 00:13	24°☿27'20	1°23'57	direct	-4157 Feb 10 j 01:55	20°☿37'41	
minimum elong	-4160 Aug 20 j 00:38	24°☿28'39	1°24'07	greatest brilliancy	-4157 Feb 21 j 00:59	22°☿49'18	-4.5m
	-4160 Aug 24 j 09:48	0°♊			-4157 Mar 06 j 07:17	0°♋	
	-4160 Sep 17 j 05:01	0°♌		morning max el	-4157 Mar 30 j 22:04	20°♋35'02	45°51'32
evening rise	-4160 Sep 29 j 08:00	15°♌15'53		desc. node	-4157 Apr 01 j 07:29	21°♋54'57	
	-4160 Oct 11 j 01:30	0°♍			-4157 Apr 09 j 12:12	0°♎	
desc. node	-4160 Oct 14 j 11:52	4°♍18'22			-4157 May 07 j 15:35	0°♏	
	-4160 Nov 04 j 00:40	0°♎			-4157 Jun 02 j 23:25	0°♐	
	-4160 Nov 28 j 03:37	0°♏			-4157 Jun 28 j 07:32	0°♑	
	-4160 Dec 22 j 12:14	0°♐			-4157 Jul 22 j 23:20	0°♒	
	-4159 Jan 16 j 06:27	0°♑		asc. node	-4157 Jul 23 j 03:55	0°♒14'05	
asc. node	-4159 Feb 04 j 06:34	22°♑29'37			-4157 Aug 16 j 03:31	0°♓	
	-4159 Feb 10 j 17:45	0°♒			-4157 Sep 09 j 00:29	0°♑	
	-4159 Mar 09 j 13:13	0°♓		morning set	-4157 Sep 25 j 04:04	20°♑23'41	
evening max el	-4159 Apr 01 j 21:49	23°♓49'18	45°07'23		-4157 Oct 02 j 18:32	0°♒	
	-4159 Apr 08 j 14:36	0°♑			-4157 Oct 26 j 13:10	0°♓	
greatest brilliancy	-4159 May 07 j 03:46	19°♑59'47	-4.5m				
retrograde	-4159 May 20 j 04:45	22°♑56'53		superior conj	-4157 Nov 05 j 15:08	12°♓40'54	0°14'50
desc. node	-4159 May 27 j 04:13	21°♑59'42		minimum elong	-4157 Nov 05 j 19:10	12°♓53'34	0°14'36
evening set	-4159 Jun 04 j 01:47	18°♒44'44		behind sun begin	-4157 Nov 05 j 06:42	12°♓14'25	
inferior conj	-4159 Jun 10 j 10:56	15°♒01'51	-3°-17'-1	behind sun end	-4157 Nov 06 j 07:37	13°♓32'42	
minimum elong	-4159 Jun 10 j 04:00	15°♒12'25	3°14'59	max. Earth dist.	-4157 Nov 10 j 12:06	18°♓48'11	1.71186 AU
min. Earth dist.	-4159 Jun 10 j 21:48	14°♒45'16	0.28288 AU	desc. node	-4157 Nov 12 j 00:17	20°♓41'44	
morning rise	-4159 Jun 16 j 05:35	11°♒36'59			-4157 Nov 19 j 10:22	0°♔	
direct	-4159 Jul 01 j 23:38	6°♒53'43			-4157 Dec 13 j 10:47	0°♕	
greatest brilliancy	-4159 Jul 16 j 17:23	10°♒42'23	-4.6m	evening rise	-4157 Dec 17 j 22:25	5°♕35'00	
	-4159 Aug 11 j 23:12	0°♖			-4156 Jan 06 j 14:44	0°♗	
morning max el	-4159 Aug 21 j 01:50	8°♖45'15	46°34'42		-4156 Jan 30 j 23:06	0°♘	
	-4159 Sep 10 j 02:11	0°♗			-4156 Feb 24 j 13:51	0°♙	
asc. node	-4159 Sep 17 j 01:17	7°♗50'35		asc. node	-4156 Mar 03 j 18:51	9°♙54'26	
	-4159 Oct 06 j 00:53	0°♘			-4156 Mar 20 j 13:57	0°♚	
	-4159 Oct 30 j 20:16	0°♙			-4156 Apr 15 j 03:46	0°♛	
	-4159 Nov 24 j 05:43	0°♚			-4156 May 11 j 15:50	0°♜	
	-4159 Dec 18 j 13:18	0°♛			-4156 Jun 09 j 03:04	0°♝	
desc. node	-4158 Jan 06 j 22:34	23°♛52'24		evening max el	-4156 Jun 13 j 04:11	3°♝57'12	46°03'03
	-4158 Jan 11 j 22:08	0°♜		desc. node	-4156 Jun 23 j 15:34	13°♝37'05	
	-4158 Feb 05 j 08:32	0°♞			-4156 Jul 16 j 06:53	0°♑	
morning set	-4158 Feb 25 j 18:09	25°♞00'53		greatest brilliancy	-4156 Jul 22 j 05:07	2°♑37'19	-4.6m
	-4158 Mar 01 j 19:44	0°♟		retrograde	-4156 Aug 01 j 14:58	4°♑34'44	
	-4158 Mar 26 j 06:55	0°♠			-4156 Aug 17 j 03:23	30°♒☿	
max. Earth dist.	-4158 Apr 02 j 14:41	8°♠59'09	1.73742 AU	evening set	-4156 Aug 19 j 14:31	28°♓35'44	
				inferior conj	-4156 Aug 22 j 10:07	26°♓54'21	-8°-57'-5
superior conj	-4158 Apr 03 j 12:31	10°♠06'07	0°-55'-57	minimum elong	-4156 Aug 22 j 11:39	26°♓52'00	8°56'54
minimum elong	-4158 Apr 03 j 21:01	10°♠32'11	0°55'44	min. Earth dist.	-4156 Aug 22 j 19:15	26°♓40'31	0.27017 AU
	-4158 Apr 19 j 17:33	0°♓		morning rise	-4156 Aug 25 j 08:41	25°♓08'24	
asc. node	-4158 Apr 29 j 17:31	12°♓17'00		direct	-4156 Sep 12 j 02:44	19°♓11'30	
evening rise	-4158 May 09 j 10:14	24°♓12'18		greatest brilliancy	-4156 Sep 25 j 07:26	22°♓24'32	-4.7m
	-4158 May 14 j 03:19	0°♔			-4156 Oct 07 j 16:52	0°♑	
	-4158 Jun 07 j 12:18	0°♒		asc. node	-4156 Oct 14 j 12:34	5°♑25'40	
	-4158 Jul 01 j 21:13	0°♓		morning max el	-4156 Nov 01 j 21:48	22°♑49'09	46°51'30
	-4158 Jul 26 j 07:41	0°♑			-4156 Nov 08 j 18:33	0°♒	
desc. node	-4158 Aug 19 j 13:12	29°♑32'48			-4156 Dec 05 j 15:09	0°♓	
	-4158 Aug 19 j 22:10	0°♒			-4156 Dec 31 j 05:36	0°♔	
	-4158 Sep 13 j 20:28	0°♓			-4155 Jan 25 j 09:58	0°♕	
	-4158 Oct 09 j 10:22	0°♔		desc. node	-4155 Feb 03 j 10:30	10°♕48'28	
	-4158 Nov 05 j 14:32	0°♕			-4155 Feb 19 j 10:04	0°♖	
evening max el	-4158 Nov 08 j 21:41	3°♕24'33	47°11'31		-4155 Mar 16 j 07:00	0°♗	
	-4158 Dec 09 j 13:07	0°♖			-4155 Apr 10 j 00:35	0°♘	
asc. node	-4158 Dec 10 j 09:18	0°♖31'45		morning set	-4155 May 04 j 07:18	29°♘38'36	
greatest brilliancy	-4158 Dec 15 j 08:05	3°♖18'12	-4.6m		-4155 May 04 j 14:17	0°♙	
retrograde	-4158 Dec 29 j 20:00	7°♖10'26		asc. node	-4155 May 27 j 05:51	27°♙50'45	
evening set	-4157 Jan 15 j 15:28	1°♖31'29			-4155 May 28 j 23:44	0°♑	
	-4157 Jan 18 j 02:20	30°♒♕		max. Earth dist.	-4155 Jun 04 j 22:24	8°♑34'57	1.72962 AU
min. Earth dist.	-4157 Jan 19 j 01:58	29°♕22'23	0.28484 AU				

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

superior conj	-4155 Jun 09 j 04:22	13°♄50'28	0°29'48	direct	-4153 Nov 26 j 11:25	5°♁44'22	
minimum elong	-4155 Jun 08 j 22:47	13°♄33'11	0°29'40	greatest brilliancy	-4153 Dec 07 j 20:44	8°♁10'26	-4.6m
	-4155 Jun 22 j 04:58	0°♂			-4152 Jan 07 j 05:52	0°♂	
evening rise	-4155 Jul 15 j 05:46	28°♂41'44		morning max el	-4152 Jan 15 j 07:29	7°♂43'07	46°23'26
	-4155 Jul 16 j 06:51	0°♄			-4152 Feb 05 j 18:10	0°♂	
	-4155 Aug 09 j 07:07	0°♂		desc. node	-4152 Mar 02 j 22:19	29°♂05'50	
	-4155 Sep 02 j 07:55	0°♂			-4152 Mar 03 j 17:23	0°♄	
desc. node	-4155 Sep 16 j 01:34	17°♂05'28			-4152 Mar 29 j 17:11	0°♄	
	-4155 Sep 26 j 11:13	0°♁			-4152 Apr 24 j 03:20	0°♂	
	-4155 Oct 20 j 18:55	0°♂			-4152 May 19 j 03:06	0°♂	
	-4155 Nov 14 j 10:21	0°♂			-4152 Jun 12 j 17:44	0°♄	
	-4155 Dec 09 j 17:20	0°♄		asc. node	-4152 Jun 23 j 17:59	13°♄33'39	
	-4154 Jan 05 j 11:58	0°♄			-4152 Jul 07 j 00:17	0°♂	
asc. node	-4154 Jan 06 j 20:47	1°♄27'14		morning set	-4152 Jul 10 j 21:45	4°♂50'47	
evening max el	-4154 Jan 18 j 16:43	13°♄34'29	45°44'55		-4152 Jul 31 j 00:25	0°♄	
	-4154 Feb 05 j 22:53	0°♂		max. Earth dist.	-4152 Aug 15 j 06:07	19°♄09'15	1.71254 AU
greatest brilliancy	-4154 Feb 21 j 21:46	10°♂26'59	-4.5m				
retrograde	-4154 Mar 08 j 16:45	14°♂18'22		superior conj	-4152 Aug 17 j 14:15	22°♄06'00	1°23'56
evening set	-4154 Mar 25 j 09:46	8°♂58'41		minimum elong	-4152 Aug 17 j 13:48	22°♄04'34	1°24'06
inferior conj	-4154 Mar 30 j 04:51	6°♂01'19	6°00'47		-4152 Aug 23 j 20:43	0°♂	
minimum elong	-4154 Mar 30 j 13:46	5°♂47'11	5°58'59		-4152 Sep 16 j 16:01	0°♂	
min. Earth dist.	-4154 Mar 30 j 19:00	5°♂38'54	0.29329 AU	evening rise	-4152 Sep 26 j 17:49	12°♂41'00	
morning rise	-4154 Apr 04 j 17:34	2°♂37'18			-4152 Oct 10 j 12:37	0°♁	
	-4154 Apr 09 j 21:08	30°♂		desc. node	-4152 Oct 13 j 14:00	3°♁50'08	
direct	-4154 Apr 20 j 23:49	27°♄34'28			-4152 Nov 03 j 11:55	0°♂	
desc. node	-4154 Apr 28 j 18:49	28°♄40'50			-4152 Nov 27 j 15:04	0°♂	
	-4154 May 02 j 17:19	0°♂			-4152 Dec 21 j 23:59	0°♄	
greatest brilliancy	-4154 May 04 j 16:11	0°♂49'09	-4.5m		-4151 Jan 15 j 18:48	0°♄	
morning max el	-4154 Jun 08 j 23:59	27°♂32'51	45°57'48	asc. node	-4151 Feb 03 j 08:46	21°♄57'43	
	-4154 Jun 11 j 12:41	0°♂			-4151 Feb 10 j 07:20	0°♂	
	-4154 Jul 09 j 23:42	0°♄			-4151 Mar 09 j 05:44	0°♂	
	-4154 Aug 05 j 00:55	0°♂		evening max el	-4151 Mar 30 j 14:04	21°♂40'23	45°07'06
asc. node	-4154 Aug 19 j 15:52	17°♂30'47			-4151 Apr 08 j 17:23	0°♄	
	-4154 Aug 29 j 21:59	0°♄		greatest brilliancy	-4151 May 04 j 16:53	17°♄46'12	-4.5m
	-4154 Sep 23 j 03:35	0°♂		retrograde	-4151 May 17 j 19:56	20°♄44'47	
	-4154 Oct 17 j 02:04	0°♂		desc. node	-4151 May 26 j 06:13	19°♄21'31	
	-4154 Nov 09 j 23:12	0°♁		evening set	-4151 Jun 01 j 16:00	16°♄33'43	
	-4154 Dec 03 j 22:16	0°♂		inferior conj	-4151 Jun 08 j 02:01	12°♄49'04	-2°-57'-27
desc. node	-4154 Dec 09 j 12:30	6°♂58'55		minimum elong	-4151 Jun 07 j 19:42	12°♄58'43	2°55'35
morning set	-4154 Dec 11 j 11:51	9°♂26'33		min. Earth dist.	-4151 Jun 08 j 12:58	12°♄32'19	0.28331 AU
	-4154 Dec 28 j 00:18	0°♂		morning rise	-4151 Jun 13 j 22:50	9°♄21'01	
	-4153 Jan 21 j 05:08	0°♄		direct	-4151 Jun 29 j 15:52	4°♄40'16	
				greatest brilliancy	-4151 Jul 14 j 08:42	8°♄28'09	-4.6m
superior conj	-4153 Jan 21 j 12:49	0°♄23'46	-1°-17'-43		-4151 Aug 12 j 01:02	0°♂	
minimum elong	-4153 Jan 21 j 05:40	0°♄01'39	1°17'49	morning max el	-4151 Aug 18 j 17:06	6°♂28'26	46°33'27
max. Earth dist.	-4153 Jan 24 j 17:59	4°♄22'15	1.72793 AU		-4151 Sep 09 j 19:03	0°♄	
	-4153 Feb 14 j 12:28	0°♄		asc. node	-4151 Sep 16 j 03:26	7°♄11'20	
evening rise	-4153 Feb 28 j 21:14	17°♄40'08			-4151 Oct 05 j 15:00	0°♂	
	-4153 Mar 10 j 22:23	0°♂			-4151 Oct 30 j 09:06	0°♂	
asc. node	-4153 Apr 01 j 07:13	26°♂07'59			-4151 Nov 23 j 17:49	0°♁	
	-4153 Apr 04 j 11:19	0°♂			-4151 Dec 18 j 00:55	0°♂	
	-4153 Apr 29 j 03:52	0°♄		desc. node	-4150 Jan 06 j 00:40	23°♂23'57	
	-4153 May 24 j 01:04	0°♂			-4150 Jan 11 j 09:25	0°♂	
	-4153 Jun 18 j 05:15	0°♄			-4150 Feb 04 j 19:34	0°♄	
	-4153 Jul 13 j 21:48	0°♂		morning set	-4150 Feb 23 j 10:18	22°♄50'02	
desc. node	-4153 Jul 22 j 03:16	9°♂24'07			-4150 Mar 01 j 06:33	0°♄	
	-4153 Aug 09 j 15:54	0°♂			-4150 Mar 25 j 17:36	0°♂	
evening max el	-4153 Aug 26 j 20:27	17°♂59'37	47°26'26	max. Earth dist.	-4150 Mar 31 j 13:59	7°♂10'35	1.73735 AU
	-4153 Sep 08 j 10:04	0°♁					
greatest brilliancy	-4153 Oct 05 j 02:27	18°♁40'31	-4.7m	superior conj	-4150 Apr 01 j 06:50	8°♂02'17	0°-58'-12
retrograde	-4153 Oct 16 j 15:35	21°♁12'12		minimum elong	-4150 Apr 01 j 15:24	8°♂28'35	0°58'00
evening set	-4153 Oct 31 j 08:08	16°♁52'50			-4150 Apr 19 j 04:12	0°♂	
inferior conj	-4153 Nov 06 j 06:22	13°♁21'57	-1°-27'-51	asc. node	-4150 Apr 28 j 19:34	11°♂50'25	
minimum elong	-4153 Nov 06 j 09:37	13°♁16'56	1°26'51	evening rise	-4150 May 07 j 05:37	22°♂11'16	
min. Earth dist.	-4153 Nov 05 j 20:00	13°♁37'56	0.26493 AU		-4150 May 13 j 14:06	0°♄	
asc. node	-4153 Nov 11 j 23:52	9°♁58'27			-4150 Jun 06 j 23:20	0°♂	
morning rise	-4153 Nov 12 j 11:29	9°♁42'48			-4150 Jul 01 j 08:38	0°♄	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4150 Jul 25 j 19:38	0°♈					-4148 Dec 30 j 19:14	0°♍			
desc. node	-4150 Aug 18 j 15:24	29°♈01'10					-4147 Jan 24 j 22:28	0°♊			
	-4150 Aug 19 j 10:50	0°♎				desc. node	-4147 Feb 02 j 12:43	10°♊18'33			
	-4150 Sep 13 j 10:14	0°♊					-4147 Feb 18 j 21:49	0°♊			
	-4150 Oct 09 j 02:08	0°♍					-4147 Mar 15 j 18:15	0°♌			
	-4150 Nov 05 j 11:22	0°♊					-4147 Apr 09 j 11:32	0°♋			
evening max el	-4150 Nov 06 j 13:58	1°♊08'18	47°13'55			morning set	-4147 May 02 j 02:28	27°♋37'09			
asc. node	-4150 Dec 09 j 11:20	29°♊07'37					-4147 May 04 j 01:06	0°♎			
	-4150 Dec 11 j 00:05	0°♊				asc. node	-4147 May 26 j 07:54	27°♎23'50			
greatest brilliancy	-4150 Dec 13 j 03:06	1°♊06'48	-4.6m				-4147 May 28 j 10:31	0°♏			
retrograde	-4150 Dec 27 j 12:29	4°♊55'43				max. Earth dist.	-4147 Jun 02 j 19:17	6°♏37'45	1.73017 AU		
	-4149 Jan 12 j 03:03	30°♋♊									
evening set	-4149 Jan 13 j 04:55	29°♊21'35				superior conj	-4147 Jun 06 j 23:02	11°♏46'18	0°26'53		
min. Earth dist.	-4149 Jan 16 j 16:58	27°♊10'05	0.28411 AU			minimum elong	-4147 Jun 06 j 17:57	11°♏30'32	0°26'46		
inferior conj	-4149 Jan 17 j 15:09	26°♊34'35	7°34'41				-4147 Jun 21 j 15:49	0°♌			
minimum elong	-4149 Jan 17 j 08:00	26°♊46'03	7°33'37			evening rise	-4147 Jul 12 j 22:53	26°♌31'11			
morning rise	-4149 Jan 21 j 11:35	24°♊09'42					-4147 Jul 15 j 17:50	0°♍			
direct	-4149 Feb 07 j 17:31	18°♊25'07					-4147 Aug 08 j 18:20	0°♈			
greatest brilliancy	-4149 Feb 18 j 13:47	20°♊34'11	-4.5m				-4147 Sep 01 j 19:26	0°♎			
	-4149 Mar 07 j 01:32	0°♊				desc. node	-4147 Sep 15 j 03:39	16°♎35'37			
morning max el	-4149 Mar 28 j 13:03	18°♊22'54	45°51'55				-4147 Sep 25 j 23:06	0°♊			
desc. node	-4149 Mar 31 j 09:38	21°♊07'51					-4147 Oct 20 j 07:17	0°♍			
	-4149 Apr 09 j 07:14	0°♌					-4147 Nov 13 j 23:27	0°♊			
	-4149 May 07 j 06:09	0°♋					-4147 Dec 09 j 07:52	0°♊			
	-4149 Jun 02 j 12:10	0°♎					-4146 Jan 05 j 06:03	0°♌			
	-4149 Jun 27 j 19:23	0°♏				asc. node	-4146 Jan 05 j 23:06	0°♌44'59			
asc. node	-4149 Jul 22 j 06:09	29°♏45'52				evening max el	-4146 Jan 16 j 07:24	11°♌19'18	45°47'47		
	-4149 Jul 22 j 10:44	0°♌					-4146 Feb 06 j 09:52	0°♋			
	-4149 Aug 15 j 14:42	0°♍				greatest brilliancy	-4146 Feb 19 j 12:49	8°♋17'38	-4.5m		
	-4149 Sep 08 j 11:35	0°♈				retrograde	-4146 Mar 06 j 10:09	12°♋12'28			
morning set	-4149 Sep 22 j 15:23	17°♈52'49				evening set	-4146 Mar 23 j 05:17	6°♋48'25			
	-4149 Oct 02 j 05:37	0°♎				inferior conj	-4146 Mar 27 j 22:00	3°♋54'32	6°13'09		
	-4149 Oct 26 j 00:14	0°♊				minimum elong	-4146 Mar 28 j 06:52	3°♋40'30	6°11'27		
						min. Earth dist.	-4146 Mar 28 j 11:29	3°♋33'13	0.29343 AU		
superior conj	-4149 Nov 02 j 23:59	10°♊03'08	0°18'46			morning rise	-4146 Apr 02 j 08:17	0°♋34'08			
minimum elong	-4149 Nov 03 j 05:02	10°♊19'01	0°18'30				-4146 Apr 03 j 08:19	30°♋♌			
max. Earth dist.	-4149 Nov 07 j 18:39	16°♊03'20	1.71139 AU			direct	-4146 Apr 18 j 16:27	25°♌27'22			
desc. node	-4149 Nov 11 j 02:17	20°♊13'21				desc. node	-4146 Apr 27 j 20:51	26°♌58'37			
	-4149 Nov 18 j 21:25	0°♍				greatest brilliancy	-4146 May 02 j 08:30	28°♌41'43	-4.5m		
	-4149 Dec 12 j 21:48	0°♊					-4146 May 05 j 01:52	0°♋			
evening rise	-4149 Dec 15 j 09:12	3°♊04'55				morning max el	-4146 Jun 06 j 16:44	25°♋24'39	45°56'56		
	-4148 Jan 06 j 01:45	0°♊					-4146 Jun 11 j 09:36	0°♎			
	-4148 Jan 30 j 10:13	0°♌					-4146 Jul 09 j 15:03	0°♏			
	-4148 Feb 24 j 01:17	0°♋					-4146 Aug 04 j 14:15	0°♌			
asc. node	-4148 Mar 02 j 21:00	9°♋25'57				asc. node	-4146 Aug 18 j 18:00	16°♌58'45			
	-4148 Mar 20 j 02:03	0°♎					-4146 Aug 29 j 10:22	0°♍			
	-4148 Apr 14 j 17:07	0°♏					-4146 Sep 22 j 15:29	0°♈			
	-4148 May 11 j 07:42	0°♌					-4146 Oct 16 j 13:41	0°♎			
	-4148 Jun 09 j 01:34	0°♍					-4146 Nov 09 j 10:39	0°♊			
evening max el	-4148 Jun 10 j 16:24	1°♍34'00	45°59'58				-4146 Dec 03 j 09:35	0°♍			
desc. node	-4148 Jun 22 j 17:46	12°♍35'58				morning set	-4146 Dec 08 j 21:48	6°♍52'43			
	-4148 Jul 19 j 03:45	0°♈				desc. node	-4146 Dec 08 j 14:35	6°♍30'10			
greatest brilliancy	-4148 Jul 19 j 17:03	0°♈12'15	-4.6m				-4146 Dec 27 j 11:29	0°♊			
retrograde	-4148 Jul 30 j 02:31	2°♈09'41									
	-4148 Aug 09 j 14:52	30°♋♍				superior conj	-4145 Jan 19 j 02:10	28°♊02'20	-1°-16'-22		
evening set	-4148 Aug 17 j 02:21	26°♍11'33				minimum elong	-4145 Jan 18 j 18:21	27°♊38'09	1°16'25		
inferior conj	-4148 Aug 19 j 22:44	24°♍29'06	-8°-57'-36				-4145 Jan 20 j 16:13	0°♊			
minimum elong	-4148 Aug 19 j 23:18	24°♍28'14	8°57'26			max. Earth dist.	-4145 Jan 22 j 07:49	2°♊02'27	1.72738 AU		
min. Earth dist.	-4148 Aug 20 j 08:06	24°♍14'54	0.27063 AU				-4145 Feb 13 j 23:29	0°♌			
morning rise	-4148 Aug 22 j 20:07	22°♍44'52				evening rise	-4145 Feb 26 j 13:42	15°♌29'29			
direct	-4148 Sep 09 j 15:26	16°♍45'16					-4145 Mar 10 j 09:25	0°♋			
greatest brilliancy	-4148 Sep 22 j 23:10	20°♍00'51	-4.7m			asc. node	-4145 Mar 31 j 09:17	25°♋40'17			
	-4148 Oct 08 j 10:45	0°♈					-4145 Apr 03 j 22:31	0°♎			
asc. node	-4148 Oct 13 j 14:42	4°♈17'28					-4145 Apr 28 j 15:26	0°♏			
morning max el	-4148 Oct 30 j 10:07	20°♈19'16	46°51'49				-4145 May 23 j 13:17	0°♌			
	-4148 Nov 08 j 14:44	0°♎					-4145 Jun 17 j 18:33	0°♍			
	-4148 Dec 05 j 06:48	0°♊					-4145 Jul 13 j 12:58	0°♈			

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 52

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4145 Jul 21 j 05:27	8° Ω 45'04			-4142 Feb 28 j 17:44	0° \approx	
	-4145 Aug 09 j 10:52	0° \mathbb{M}			-4142 Mar 25 j 04:40	0° \mathbb{H}	
evening max el	-4145 Aug 24 j 10:31	15° \mathbb{M} 35'40	47°24'45	max. Earth dist.	-4142 Mar 29 j 11:45	5° \mathbb{H} 16'11	1.73727 AU
	-4145 Sep 08 j 17:53	0° $\underline{\Omega}$					
greatest brilliancy	-4145 Oct 02 j 16:29	16° $\underline{\Omega}$ 11'54	-4.7m	superior conj	-4142 Mar 30 j 01:06	5° \mathbb{H} 57'06	-1°00'-23
retrograde	-4145 Oct 14 j 04:57	18° $\underline{\Omega}$ 42'25		minimum elong	-4142 Mar 30 j 09:42	6° \mathbb{H} 23'31	1°00'12
evening set	-4145 Oct 28 j 22:23	14° $\underline{\Omega}$ 21'02			-4142 Apr 18 j 15:16	0° \mathbb{Y}	
inferior conj	-4145 Nov 03 j 18:55	10° $\underline{\Omega}$ 52'48	-1°-51'-36	asc. node	-4142 Apr 27 j 21:41	11° \mathbb{Y} 22'51	
minimum elong	-4145 Nov 03 j 23:02	10° $\underline{\Omega}$ 46'28	1°50'21	evening rise	-4142 May 05 j 01:01	20° \mathbb{Y} 09'10	
min. Earth dist.	-4145 Nov 03 j 09:28	11° $\underline{\Omega}$ 07'18	0.26468 AU		-4142 May 13 j 01:16	0° \mathbb{B}	
morning rise	-4145 Nov 10 j 00:05	7° $\underline{\Omega}$ 14'17			-4142 Jun 06 j 10:44	0° \mathbb{I}	
asc. node	-4145 Nov 11 j 01:58	6° $\underline{\Omega}$ 40'47			-4142 Jun 30 j 20:24	0° \mathbb{G}	
direct	-4145 Nov 24 j 00:13	3° $\underline{\Omega}$ 15'45			-4142 Jul 25 j 07:54	0° Ω	
greatest brilliancy	-4145 Dec 05 j 10:21	5° $\underline{\Omega}$ 43'27	-4.6m	desc. node	-4142 Aug 17 j 17:28	28° Ω 28'04	
	-4144 Jan 07 j 08:42	0° \mathbb{M}			-4142 Aug 18 j 23:52	0° \mathbb{M}	
morning max el	-4144 Jan 12 j 22:12	5° \mathbb{M} 23'09	46°24'42		-4142 Sep 13 j 00:28	0° $\underline{\Omega}$	
	-4144 Feb 05 j 11:39	0° \mathbb{X}			-4142 Oct 08 j 18:37	0° \mathbb{M}	
desc. node	-4144 Mar 02 j 00:20	28° \mathbb{X} 30'27		evening max el	-4142 Nov 04 j 05:15	28° \mathbb{M} 47'44	47°16'05
	-4144 Mar 03 j 07:45	0° \mathbb{Z}			-4142 Nov 05 j 09:35	0° \mathbb{X}	
	-4144 Mar 29 j 06:02	0° \approx		asc. node	-4142 Dec 08 j 13:38	27° \mathbb{X} 39'00	
	-4144 Apr 23 j 15:19	0° \mathbb{H}		greatest brilliancy	-4142 Dec 10 j 22:23	28° \mathbb{X} 53'25	-4.6m
	-4144 May 18 j 14:33	0° \mathbb{Y}			-4142 Dec 13 j 08:24	0° \mathbb{Z}	
	-4144 Jun 12 j 04:55	0° \mathbb{B}		retrograde	-4142 Dec 25 j 04:21	2° \mathbb{Z} 38'31	
asc. node	-4144 Jun 22 j 20:14	13° \mathbb{B} 06'14			-4141 Jan 05 j 11:01	30° \mathbb{R} \mathbb{X}	
	-4144 Jul 06 j 11:22	0° \mathbb{I}		evening set	-4141 Jan 10 j 18:02	27° \mathbb{X} 09'27	
morning set	-4144 Jul 08 j 14:25	2° \mathbb{I} 38'44		min. Earth dist.	-4141 Jan 14 j 08:08	24° \mathbb{X} 54'51	0.28337 AU
	-4144 Jul 30 j 11:32	0° \mathbb{G}		inferior conj	-4141 Jan 15 j 06:57	24° \mathbb{X} 18'19	7°26'17
max. Earth dist.	-4144 Aug 12 j 14:33	16° \mathbb{G} 29'36	1.71302 AU	minimum elong	-4141 Jan 14 j 23:20	24° \mathbb{X} 30'30	7°25'04
				morning rise	-4141 Jan 19 j 05:11	21° \mathbb{X} 50'34	
superior conj	-4144 Aug 15 j 04:25	19° \mathbb{G} 44'17	1°23'45	direct	-4141 Feb 05 j 08:23	16° \mathbb{X} 10'13	
minimum elong	-4144 Aug 15 j 03:07	19° \mathbb{G} 40'11	1°23'56	greatest brilliancy	-4141 Feb 16 j 03:11	18° \mathbb{X} 17'40	-4.5m
	-4144 Aug 23 j 07:57	0° Ω			-4141 Mar 07 j 15:58	0° \mathbb{Z}	
	-4144 Sep 16 j 03:22	0° \mathbb{M}		morning max el	-4141 Mar 26 j 03:04	16° \mathbb{Z} 06'55	45°52'26
evening rise	-4144 Sep 24 j 03:25	10° \mathbb{M} 04'25		desc. node	-4141 Mar 30 j 11:45	20° \mathbb{Z} 20'02	
	-4144 Oct 10 j 00:04	0° $\underline{\Omega}$			-4141 Apr 09 j 02:15	0° \approx	
desc. node	-4144 Oct 12 j 16:00	3° $\underline{\Omega}$ 20'26			-4141 May 06 j 20:58	0° \mathbb{H}	
	-4144 Nov 02 j 23:31	0° \mathbb{M}			-4141 Jun 02 j 01:14	0° \mathbb{Y}	
	-4144 Nov 27 j 02:51	0° \mathbb{X}			-4141 Jun 27 j 07:34	0° \mathbb{B}	
	-4144 Dec 21 j 12:07	0° \mathbb{Z}		asc. node	-4141 Jul 21 j 08:17	29° \mathbb{B} 16'19	
	-4143 Jan 15 j 07:34	0° \approx			-4141 Jul 21 j 22:28	0° \mathbb{I}	
asc. node	-4143 Feb 02 j 10:55	21° \approx 24'23			-4141 Aug 15 j 02:11	0° \mathbb{G}	
	-4143 Feb 09 j 21:25	0° \mathbb{H}			-4141 Sep 07 j 22:56	0° Ω	
	-4143 Mar 08 j 22:59	0° \mathbb{Y}		morning set	-4141 Sep 20 j 03:08	15° Ω 22'25	
evening max el	-4143 Mar 28 j 06:15	19° \mathbb{Y} 30'16	45°06'54		-4141 Oct 01 j 16:56	0° \mathbb{M}	
	-4143 Apr 08 j 22:20	0° \mathbb{B}			-4141 Oct 25 j 11:35	0° $\underline{\Omega}$	
greatest brilliancy	-4143 May 02 j 07:00	15° \mathbb{B} 33'07	-4.5m				
retrograde	-4143 May 15 j 10:42	18° \mathbb{B} 32'13		superior conj	-4141 Oct 31 j 08:56	7° $\underline{\Omega}$ 24'44	0°22'39
desc. node	-4143 May 25 j 08:22	16° \mathbb{B} 38'05		minimum elong	-4141 Oct 31 j 14:58	7° $\underline{\Omega}$ 43'41	0°22'22
evening set	-4143 May 30 j 06:34	14° \mathbb{B} 22'10		max. Earth dist.	-4141 Nov 04 j 22:01	13° $\underline{\Omega}$ 07'31	1.71102 AU
inferior conj	-4143 Jun 05 j 17:16	10° \mathbb{B} 36'05	-2°-37'-50	desc. node	-4141 Nov 10 j 04:28	19° $\underline{\Omega}$ 44'29	
minimum elong	-4143 Jun 05 j 11:36	10° \mathbb{B} 44'47	2°36'08		-4141 Nov 18 j 08:47	0° \mathbb{M}	
min. Earth dist.	-4143 Jun 06 j 04:36	10° \mathbb{B} 18'43	0.28369 AU		-4141 Dec 12 j 09:12	0° \mathbb{X}	
morning rise	-4143 Jun 11 j 16:02	7° \mathbb{B} 04'51		evening rise	-4141 Dec 12 j 19:33	0° \mathbb{X} 32'14	
direct	-4143 Jun 27 j 07:56	2° \mathbb{B} 26'42			-4140 Jan 05 j 13:10	0° \mathbb{Z}	
greatest brilliancy	-4143 Jul 11 j 23:14	6° \mathbb{B} 12'28	-4.6m		-4140 Jan 29 j 21:46	0° \approx	
	-4143 Aug 12 j 01:53	0° \mathbb{I}			-4140 Feb 23 j 13:10	0° \mathbb{H}	
morning max el	-4143 Aug 16 j 07:24	4° \mathbb{I} 08'35	46°32'03	asc. node	-4140 Mar 01 j 23:04	8° \mathbb{H} 56'01	
	-4143 Sep 09 j 11:57	0° \mathbb{G}			-4140 Mar 19 j 14:37	0° \mathbb{Y}	
asc. node	-4143 Sep 15 j 05:33	6° \mathbb{G} 31'19			-4140 Apr 14 j 06:59	0° \mathbb{B}	
	-4143 Oct 05 j 05:22	0° Ω			-4140 May 11 j 00:16	0° \mathbb{I}	
	-4143 Oct 29 j 22:16	0° \mathbb{M}		evening max el	-4140 Jun 08 j 04:36	29° \mathbb{I} 09'59	45°57'01
	-4143 Nov 23 j 06:18	0° $\underline{\Omega}$			-4140 Jun 09 j 01:28	0° \mathbb{G}	
	-4143 Dec 17 j 12:56	0° \mathbb{M}		desc. node	-4140 Jun 21 j 20:00	11° \mathbb{G} 32'24	
desc. node	-4142 Jan 05 j 02:54	22° \mathbb{M} 54'41		greatest brilliancy	-4140 Jul 17 j 04:20	27° \mathbb{G} 45'54	-4.6m
	-4142 Jan 10 j 21:05	0° \mathbb{X}		retrograde	-4140 Jul 27 j 14:39	29° \mathbb{G} 44'23	
	-4142 Feb 04 j 06:57	0° \mathbb{Z}		evening set	-4140 Aug 14 j 13:42	23° \mathbb{G} 47'38	
morning set	-4142 Feb 21 j 02:10	20° \mathbb{Z} 37'06		inferior conj	-4140 Aug 17 j 11:24	22° \mathbb{G} 03'28	-8°-57'-8

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4140 Aug 17 j 10:59	22° ☿ 04'06	8°56'59		-4137 Jan 20 j 03:13	0° ☿	
min. Earth dist.	-4140 Aug 17 j 20:52	21° ☿ 49'09	0.27106 AU		-4137 Feb 13 j 10:27	0° \approx	
morning rise	-4140 Aug 20 j 08:07	20° ☿ 20'21		evening rise	-4137 Feb 24 j 06:11	13° \approx 18'59	
direct	-4140 Sep 07 j 04:14	14° ☿ 18'37			-4137 Mar 09 j 20:27	0° ☿	
greatest brilliancy	-4140 Sep 20 j 15:06	17° ☿ 37'21	-4.7m	asc. node	-4137 Mar 30 j 11:25	25° ☿ 12'43	
	-4140 Oct 09 j 00:18	0° Ω			-4137 Apr 03 j 09:43	0° Υ	
asc. node	-4140 Oct 12 j 16:50	3° Ω 10'44			-4137 Apr 28 j 03:01	0° ♄	
morning max el	-4140 Oct 27 j 23:19	17° Ω 51'21	46°52'07		-4137 May 23 j 01:33	0° ♁	
	-4140 Nov 08 j 10:29	0° ♁			-4137 Jun 17 j 07:57	0° ☿	
	-4140 Dec 04 j 22:23	0° ♁			-4137 Jul 13 j 04:19	0° Ω	
	-4140 Dec 30 j 08:59	0° ♁		desc. node	-4137 Jul 20 j 07:28	8° Ω 05'13	
	-4139 Jan 24 j 11:10	0° ♁			-4137 Aug 09 j 06:20	0° ♁	
desc. node	-4139 Feb 01 j 14:43	9° ♁ 47'11		evening max el	-4137 Aug 22 j 01:16	13° ♁ 13'32	47°22'53
	-4139 Feb 18 j 09:49	0° ☿			-4137 Sep 09 j 04:23	0° ♁	
	-4139 Mar 15 j 05:48	0° \approx		greatest brilliancy	-4137 Sep 30 j 06:54	13° ♁ 43'47	-4.7m
	-4139 Apr 08 j 22:45	0° ☿		retrograde	-4137 Oct 11 j 18:17	16° ♁ 12'20	
morning set	-4139 Apr 29 j 21:19	25° ☿ 34'01		evening set	-4137 Oct 26 j 12:46	11° ♁ 49'07	
	-4139 May 03 j 12:09	0° Υ		inferior conj	-4137 Nov 01 j 07:21	8° ♁ 23'34	-2°-15'-22
asc. node	-4139 May 25 j 10:08	26° Υ 56'44		minimum elong	-4137 Nov 01 j 12:18	8° ♁ 15'57	2°13'51
	-4139 May 27 j 21:32	0° ♄		min. Earth dist.	-4137 Oct 31 j 22:49	8° ♁ 36'40	0.26440 AU
max. Earth dist.	-4139 May 31 j 17:24	4° ♄ 43'42	1.73070 AU	morning rise	-4137 Nov 07 j 12:18	4° ♁ 45'51	
				asc. node	-4137 Nov 10 j 04:15	3° ♁ 27'02	
superior conj	-4139 Jun 04 j 17:30	9° ♄ 40'47	0°23'56	direct	-4137 Nov 21 j 13:06	0° ♁ 47'21	
minimum elong	-4139 Jun 04 j 12:55	9° ♄ 26'37	0°23'50	greatest brilliancy	-4137 Dec 02 j 23:01	3° ♁ 15'23	-4.6m
	-4139 Jun 21 j 02:53	0° ♁			-4136 Jan 07 j 09:53	0° ♁	
evening rise	-4139 Jul 10 j 16:04	24° ♁ 20'11		morning max el	-4136 Jan 10 j 12:31	3° ♁ 02'41	46°26'07
	-4139 Jul 15 j 05:04	0° ☿			-4136 Feb 05 j 04:31	0° ♁	
	-4139 Aug 08 j 05:47	0° Ω		desc. node	-4136 Mar 01 j 02:29	27° ♁ 56'24	
	-4139 Sep 01 j 07:09	0° ♁			-4136 Mar 02 j 21:42	0° ☿	
desc. node	-4139 Sep 14 j 05:42	16° ♁ 05'10			-4136 Mar 28 j 18:35	0° \approx	
	-4139 Sep 25 j 11:09	0° ♁			-4136 Apr 23 j 03:04	0° ☿	
	-4139 Oct 19 j 19:46	0° ♁			-4136 May 18 j 01:51	0° Υ	
	-4139 Nov 13 j 12:41	0° ♁			-4136 Jun 11 j 15:58	0° ♄	
	-4139 Dec 08 j 22:37	0° ☿		asc. node	-4136 Jun 21 j 22:20	12° ♄ 38'45	
asc. node	-4138 Jan 05 j 01:11	0° \approx 01'11			-4136 Jul 05 j 22:18	0° ♁	
	-4138 Jan 05 j 00:44	0° \approx		morning set	-4136 Jul 06 j 07:03	0° ♁ 27'11	
evening max el	-4138 Jan 13 j 22:56	9° \approx 05'44	45°50'31		-4136 Jul 29 j 22:30	0° ☿	
	-4138 Feb 07 j 01:05	0° ☿		max. Earth dist.	-4136 Aug 09 j 21:26	13° ☿ 45'47	1.71353 AU
greatest brilliancy	-4138 Feb 17 j 04:10	6° ☿ 07'53	-4.5m				
retrograde	-4138 Mar 04 j 03:48	10° ☿ 05'22		superior conj	-4136 Aug 12 j 18:41	17° ☿ 23'33	1°23'26
evening set	-4138 Mar 21 j 00:40	4° ☿ 37'06		minimum elong	-4136 Aug 12 j 16:34	17° ☿ 16'55	1°23'37
inferior conj	-4138 Mar 25 j 15:01	1° ☿ 46'35	6°25'06		-4136 Aug 22 j 19:00	0° Ω	
minimum elong	-4138 Mar 25 j 23:46	1° ☿ 32'45	6°23'29		-4136 Sep 15 j 14:32	0° ♁	
min. Earth dist.	-4138 Mar 26 j 03:29	1° ☿ 26'52	0.29356 AU	evening rise	-4136 Sep 21 j 13:07	7° ♁ 28'40	
	-4138 Mar 28 j 10:53	30° ♁			-4136 Oct 09 j 11:22	0° ♁	
morning rise	-4138 Mar 30 j 22:46	28° \approx 30'01		desc. node	-4136 Oct 11 j 18:11	2° ♁ 51'47	
direct	-4138 Apr 16 j 09:19	23° \approx 19'15			-4136 Nov 02 j 10:57	0° ♁	
desc. node	-4138 Apr 26 j 23:01	25° \approx 19'08			-4136 Nov 26 j 14:29	0° ♁	
greatest brilliancy	-4138 Apr 30 j 00:03	26° \approx 32'38	-4.5m		-4136 Dec 21 j 00:02	0° ☿	
	-4138 May 06 j 14:40	0° ☿			-4135 Jan 14 j 20:04	0° \approx	
morning max el	-4138 Jun 04 j 10:02	23° ☿ 17'21	45°56'05	asc. node	-4135 Feb 01 j 12:59	20° \approx 51'43	
	-4138 Jun 11 j 06:01	0° Υ			-4135 Feb 09 j 11:15	0° ☿	
	-4138 Jul 09 j 06:19	0° ♄			-4135 Mar 08 j 16:10	0° Υ	
	-4138 Aug 04 j 03:35	0° ♁		evening max el	-4135 Mar 25 j 21:50	17° Υ 19'45	45°06'38
asc. node	-4138 Aug 17 j 20:03	16° ♁ 26'15			-4135 Apr 09 j 04:52	0° ♄	
	-4138 Aug 28 j 22:47	0° ☿		greatest brilliancy	-4135 Apr 29 j 21:14	13° ♄ 21'15	-4.5m
	-4138 Sep 22 j 03:25	0° Ω		retrograde	-4135 May 13 j 01:14	16° ♄ 21'04	
	-4138 Oct 16 j 01:21	0° ♁		desc. node	-4135 May 24 j 10:36	13° ♄ 51'21	
	-4138 Nov 08 j 22:06	0° ♁		evening set	-4135 May 27 j 21:27	12° ♄ 11'33	
	-4138 Dec 02 j 20:50	0° ♁		inferior conj	-4135 Jun 03 j 08:42	8° ♄ 24'30	-2°-18'-6
morning set	-4138 Dec 06 j 08:12	4° ♁ 20'19		minimum elong	-4135 Jun 03 j 03:42	8° ♄ 32'10	2°16'35
desc. node	-4138 Dec 07 j 16:47	6° ♁ 02'01		min. Earth dist.	-4135 Jun 03 j 20:46	8° ♄ 05'56	0.28412 AU
	-4138 Dec 26 j 22:35	0° ♁		morning rise	-4135 Jun 09 j 09:17	4° ♄ 50'10	
				direct	-4135 Jun 24 j 23:36	0° ♄ 14'18	
superior conj	-4137 Jan 16 j 15:38	25° ♄ 41'22	-1°-14'-52	greatest brilliancy	-4135 Jul 09 j 14:30	3° ♄ 58'37	-4.6m
minimum elong	-4137 Jan 16 j 07:10	25° ♄ 15'11	1°14'53		-4135 Aug 12 j 01:19	0° ♁	
max. Earth dist.	-4137 Jan 19 j 23:46	29° ♄ 49'21	1.72687 AU	morning max el	-4135 Aug 13 j 21:15	1° ♁ 48'26	46°30'41

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4135 Sep 09 j 04:17	0°☿		asc. node	-4132 Mar 01 j 01:15	8°♄27'33	
asc. node	-4135 Sep 14 j 07:46	5°☿52'46			-4132 Mar 19 j 02:49	0°♅	
	-4135 Oct 04 j 19:18	0°♁			-4132 Apr 13 j 20:29	0°♂	
	-4135 Oct 29 j 11:04	0°♂			-4132 May 10 j 16:33	0°♂	
	-4135 Nov 22 j 18:25	0°♂		evening max el	-4132 Jun 05 j 17:38	26°♂49'45	45°54'07
	-4135 Dec 17 j 00:37	0°♂			-4132 Jun 09 j 01:50	0°☿	
desc. node	-4134 Jan 04 j 04:52	22°♂25'34		desc. node	-4132 Jun 20 j 21:57	10°☿28'07	
	-4134 Jan 10 j 08:25	0°♂		greatest brilliancy	-4132 Jul 14 j 14:12	25°☿19'46	-4.6m
	-4134 Feb 03 j 17:59	0°☿		retrograde	-4132 Jul 25 j 03:14	27°☿20'42	
morning set	-4134 Feb 18 j 18:12	18°☿25'43		evening set	-4132 Aug 12 j 00:33	21°☿25'49	
	-4134 Feb 28 j 04:32	0°♂		inferior conj	-4132 Aug 15 j 00:06	19°☿39'07	-8°-55'-37
	-4134 Mar 24 j 15:19	0°♂		minimum elong	-4132 Aug 14 j 22:44	19°☿41'11	8°55'26
				min. Earth dist.	-4132 Aug 15 j 09:20	19°☿25'12	0.27158 AU
superior conj	-4134 Mar 27 j 19:41	3°♄54'11	-1°-2'-28	morning rise	-4132 Aug 17 j 20:46	17°☿56'16	
minimum elong	-4134 Mar 28 j 04:16	4°♄20'32	1°02'17	direct	-4132 Sep 04 j 17:47	11°☿53'12	
max. Earth dist.	-4134 Mar 27 j 09:01	3°♄21'29	1.73716 AU	greatest brilliancy	-4132 Sep 18 j 07:05	15°☿15'01	-4.7m
	-4134 Apr 18 j 01:55	0°♅			-4132 Oct 09 j 10:07	0°♁	
asc. node	-4134 Apr 26 j 23:55	10°♅56'52		asc. node	-4132 Oct 11 j 19:04	2°♁06'31	
evening rise	-4134 May 02 j 20:40	18°♅09'08		morning max el	-4132 Oct 25 j 13:36	15°♁26'54	46°52'15
	-4134 May 12 j 12:03	0°♂			-4132 Nov 08 j 05:29	0°♂	
	-4134 Jun 05 j 21:48	0°♂			-4132 Dec 04 j 13:33	0°♂	
	-4134 Jun 30 j 07:52	0°☿			-4132 Dec 29 j 22:23	0°♂	
	-4134 Jul 24 j 19:55	0°♁			-4131 Jan 23 j 23:31	0°♂	
desc. node	-4134 Aug 16 j 19:32	27°♁55'45		desc. node	-4131 Jan 31 j 16:50	9°♂17'06	
	-4134 Aug 18 j 12:41	0°♂			-4131 Feb 17 j 21:29	0°☿	
	-4134 Sep 12 j 14:32	0°♂			-4131 Mar 14 j 17:00	0°♂	
	-4134 Oct 08 j 11:02	0°♂			-4131 Apr 08 j 09:39	0°♂	
evening max el	-4134 Nov 01 j 19:42	26°♂25'57	47°18'13	morning set	-4131 Apr 27 j 16:29	23°♄32'50	
	-4134 Nov 05 j 08:17	0°♂			-4131 May 02 j 22:53	0°♅	
asc. node	-4134 Dec 07 j 15:44	26°♂07'48		asc. node	-4131 May 24 j 12:13	26°♅30'19	
greatest brilliancy	-4134 Dec 08 j 16:59	26°♂39'43	-4.6m		-4131 May 27 j 08:11	0°♂	
	-4134 Dec 18 j 13:15	0°☿		max. Earth dist.	-4131 May 29 j 16:08	2°♂52'42	1.73114 AU
retrograde	-4134 Dec 22 j 20:01	0°☿22'05					
	-4134 Dec 27 j 00:50	30°♂R♂		superior conj	-4131 Jun 02 j 12:21	7°♂37'41	0°20'58
evening set	-4133 Jan 08 j 07:00	24°♂57'56		minimum elong	-4131 Jun 02 j 08:18	7°♂25'10	0°20'53
min. Earth dist.	-4133 Jan 11 j 23:33	22°♂39'51	0.28260 AU		-4131 Jun 20 j 13:35	0°♂	
inferior conj	-4133 Jan 12 j 22:41	22°♂02'48	7°17'06	evening rise	-4131 Jul 08 j 09:46	22°♂12'02	
minimum elong	-4133 Jan 12 j 14:40	22°♂15'39	7°15'44		-4131 Jul 14 j 15:56	0°☿	
morning rise	-4133 Jan 16 j 22:52	19°♂32'04			-4131 Aug 07 j 16:55	0°♁	
direct	-4133 Feb 02 j 22:42	13°♂55'54			-4131 Aug 31 j 18:38	0°♂	
greatest brilliancy	-4133 Feb 13 j 17:32	16°♂02'59	-4.5m	desc. node	-4131 Sep 13 j 07:53	15°♂35'47	
	-4133 Mar 08 j 02:12	0°☿			-4131 Sep 24 j 23:01	0°♂	
morning max el	-4133 Mar 23 j 17:14	13°☿52'23	45°53'14		-4131 Oct 19 j 08:09	0°♂	
desc. node	-4133 Mar 29 j 13:53	19°☿34'18			-4131 Nov 13 j 01:53	0°♂	
	-4133 Apr 08 j 20:17	0°♂			-4131 Dec 08 j 13:26	0°☿	
	-4133 May 06 j 11:07	0°♂		asc. node	-4130 Jan 04 j 03:16	29°☿17'09	
	-4133 Jun 01 j 13:45	0°♅			-4130 Jan 04 j 19:46	0°♂	
	-4133 Jun 26 j 19:17	0°♂		evening max el	-4130 Jan 11 j 15:10	6°♂54'15	45°53'26
asc. node	-4133 Jul 20 j 10:19	28°♂47'43			-4130 Feb 07 j 21:21	0°♂	
	-4133 Jul 21 j 09:47	0°♂		greatest brilliancy	-4130 Feb 14 j 20:33	3°♄59'56	-4.5m
greatest brilliancy	-4133 Aug 02 j 11:09	14°♂55'23	-3.9m	retrograde	-4130 Mar 01 j 21:23	7°♄58'33	
	-4133 Aug 14 j 13:19	0°☿		evening set	-4130 Mar 18 j 20:03	2°♄26'18	
	-4133 Sep 07 j 10:00	0°♁			-4130 Mar 22 j 18:46	30°♂R♂	
morning set	-4133 Sep 17 j 14:43	12°♁52'28		inferior conj	-4130 Mar 23 j 08:00	29°♂39'03	6°36'40
	-4133 Oct 01 j 03:59	0°♂		minimum elong	-4130 Mar 23 j 16:35	29°♂25'27	6°35'09
	-4133 Oct 24 j 22:38	0°♂		min. Earth dist.	-4130 Mar 23 j 19:15	29°♂21'13	0.29361 AU
				morning rise	-4130 Mar 28 j 13:05	26°♂26'21	
superior conj	-4133 Oct 28 j 17:37	4°♂46'22	0°26'31	direct	-4130 Apr 14 j 02:31	21°♂11'44	
minimum elong	-4133 Oct 29 j 00:35	5°♂08'15	0°26'11	desc. node	-4130 Apr 26 j 01:13	23°♂43'33	
max. Earth dist.	-4133 Nov 01 j 23:27	10°♂06'33	1.71066 AU	greatest brilliancy	-4130 Apr 27 j 14:21	24°♂22'39	-4.5m
desc. node	-4133 Nov 09 j 06:34	19°♂16'28			-4130 May 07 j 16:16	0°♄	
	-4133 Nov 17 j 19:50	0°♂		morning max el	-4130 Jun 02 j 03:23	21°♄11'07	45°55'23
evening rise	-4133 Dec 10 j 05:39	27°♂59'49			-4130 Jun 11 j 01:30	0°♅	
	-4133 Dec 11 j 20:15	0°♂			-4130 Jul 08 j 21:04	0°♂	
	-4132 Jan 05 j 00:15	0°☿			-4130 Aug 03 j 16:30	0°♂	
	-4132 Jan 29 j 08:59	0°♂		asc. node	-4130 Aug 16 j 22:17	15°♂55'24	
	-4132 Feb 23 j 00:42	0°♄			-4130 Aug 28 j 10:51	0°☿	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4130 Sep 21 j 15:04	0°♈				-4127 Apr 09 j 14:23	0°♈	
	-4130 Oct 15 j 12:47	0°♍			greatest brilliancy	-4127 Apr 27 j 10:39	11°♈07'35	-4.5m
	-4130 Nov 08 j 09:25	0°♊			retrograde	-4127 May 10 j 15:41	14°♈09'17	
	-4130 Dec 02 j 08:01	0°♋			desc. node	-4127 May 23 j 12:34	10°♈59'39	
morning set	-4130 Dec 03 j 18:05	1°♋46'23			evening set	-4127 May 25 j 12:20	9°♈59'39	
desc. node	-4130 Dec 06 j 18:47	5°♋33'21			inferior conj	-4127 Jun 01 j 00:01	6°♈12'08	-1°-58'-8
	-4130 Dec 26 j 09:39	0°♌			minimum elong	-4127 May 31 j 19:43	6°♈18'45	1°56'49
					min. Earth dist.	-4127 Jun 01 j 13:02	5°♈52'06	0.28455 AU
superior conj	-4129 Jan 14 j 04:16	23°♌17'52	-1°-13'-11		morning rise	-4127 Jun 07 j 02:17	2°♈34'59	
minimum elong	-4129 Jan 13 j 19:14	22°♌49'52	1°13'11			-4127 Jun 12 j 12:55	30°♈	
max. Earth dist.	-4129 Jan 17 j 16:24	27°♌38'19	1.72633 AU		direct	-4127 Jun 22 j 14:48	28°♈00'53	
	-4129 Jan 19 j 14:11	0°♍				-4127 Jul 03 j 02:54	0°♈	
	-4129 Feb 12 j 21:22	0°♎			greatest brilliancy	-4127 Jul 07 j 06:30	1°♈45'06	-4.5m
evening rise	-4129 Feb 21 j 22:06	11°♎06'51			morning max el	-4127 Aug 11 j 11:09	29°♈28'01	46°29'31
	-4129 Mar 09 j 07:25	0°♏				-4127 Aug 12 j 00:01	0°♏	
asc. node	-4129 Mar 29 j 13:36	24°♏45'33				-4127 Sep 08 j 20:28	0°♏	
	-4129 Apr 02 j 20:53	0°♐			asc. node	-4127 Sep 13 j 09:52	5°♏13'52	
	-4129 Apr 27 j 14:34	0°♑				-4127 Oct 04 j 09:13	0°♏	
	-4129 May 22 j 13:47	0°♒				-4127 Oct 28 j 23:51	0°♐	
	-4129 Jun 16 j 21:18	0°♓				-4127 Nov 22 j 06:34	0°♑	
desc. node	-4129 Jul 12 j 19:39	0°♏				-4127 Dec 16 j 12:22	0°♋	
	-4129 Jul 19 j 09:39	7°♏26'04			desc. node	-4126 Jan 03 j 06:59	21°♋56'36	
	-4129 Aug 09 j 02:04	0°♐				-4126 Jan 09 j 19:52	0°♌	
evening max el	-4129 Aug 19 j 15:55	10°♐51'57	47°20'51			-4126 Feb 03 j 05:12	0°♍	
	-4129 Sep 09 j 17:55	0°♑			morning set	-4126 Feb 16 j 09:40	16°♍11'50	
greatest brilliancy	-4129 Sep 27 j 21:45	11°♑16'57	-4.7m			-4126 Feb 27 j 15:34	0°♎	
retrograde	-4129 Oct 09 j 07:07	13°♑42'33				-4126 Mar 24 j 02:16	0°♏	
evening set	-4129 Oct 24 j 03:21	9°♑17'27			max. Earth dist.	-4126 Mar 25 j 04:13	1°♏19'36	1.73706 AU
inferior conj	-4129 Oct 29 j 19:47	5°♑54'43	-2°-38'-53					
minimum elong	-4129 Oct 30 j 01:33	5°♑45'52	2°37'07		superior conj	-4126 Mar 25 j 13:42	1°♏48'44	-1°-4'-29
min. Earth dist.	-4129 Oct 29 j 12:24	6°♑06'04	0.26423 AU		minimum elong	-4126 Mar 25 j 22:14	2°♏14'52	1°04'20
morning rise	-4129 Nov 05 j 00:14	2°♑17'47				-4126 Apr 17 j 12:52	0°♐	
asc. node	-4129 Nov 09 j 06:19	0°♑18'31			asc. node	-4126 Apr 26 j 01:55	10°♐29'22	
	-4129 Nov 10 j 01:40	30°♐			evening rise	-4126 Apr 30 j 15:48	16°♐06'39	
direct	-4129 Nov 19 j 01:55	28°♐19'10				-4126 May 11 j 23:08	0°♑	
	-4129 Nov 28 j 09:53	0°♒				-4126 Jun 05 j 09:09	0°♒	
greatest brilliancy	-4129 Nov 30 j 12:03	0°♒47'31	-4.6m			-4126 Jun 29 j 19:37	0°♓	
	-4128 Jan 07 j 10:02	0°♋				-4126 Jul 24 j 08:15	0°♏	
morning max el	-4128 Jan 08 j 02:03	0°♋39'37	46°27'16		desc. node	-4126 Aug 15 j 21:43	27°♏22'50	
	-4128 Feb 04 j 21:15	0°♌				-4126 Aug 18 j 01:50	0°♐	
desc. node	-4128 Feb 29 j 04:40	27°♌22'09				-4126 Sep 12 j 04:59	0°♑	
	-4128 Mar 02 j 11:42	0°♍				-4126 Oct 08 j 03:56	0°♋	
	-4128 Mar 28 j 07:10	0°♎			evening max el	-4126 Oct 30 j 10:03	24°♋03'27	47°20'26
	-4128 Apr 22 j 14:52	0°♏				-4126 Nov 05 j 08:07	0°♌	
	-4128 May 17 j 13:10	0°♐			greatest brilliancy	-4126 Dec 06 j 10:23	24°♌23'59	-4.6m
	-4128 Jun 11 j 03:01	0°♑			asc. node	-4126 Dec 06 j 17:47	24°♌33'00	
asc. node	-4128 Jun 21 j 00:21	12°♑10'57			retrograde	-4126 Dec 20 j 11:54	28°♌05'23	
morning set	-4128 Jul 03 j 23:46	28°♑15'52			evening set	-4125 Jan 05 j 19:55	22°♌45'47	
	-4128 Jul 05 j 09:16	0°♒			min. Earth dist.	-4125 Jan 09 j 14:52	20°♌24'30	0.28188 AU
	-4128 Jul 29 j 09:28	0°♓			inferior conj	-4125 Jan 10 j 14:27	19°♌46'48	7°07'04
max. Earth dist.	-4128 Aug 07 j 04:49	11°♓03'36	1.71402 AU		minimum elong	-4125 Jan 10 j 06:05	20°♌00'12	7°05'35
					morning rise	-4125 Jan 14 j 16:45	17°♌13'01	
superior conj	-4128 Aug 10 j 09:25	15°♓04'23	1°23'00		direct	-4125 Jan 31 j 12:55	11°♌40'52	
minimum elong	-4128 Aug 10 j 06:31	14°♓55'17	1°23'09		greatest brilliancy	-4125 Feb 11 j 08:23	13°♌48'18	-4.5m
	-4128 Aug 22 j 06:02	0°♏				-4125 Mar 08 j 10:01	0°♍	
	-4128 Sep 15 j 01:40	0°♐			morning max el	-4125 Mar 21 j 08:17	11°♍39'01	45°53'52
evening rise	-4128 Sep 18 j 23:28	4°♐55'08			desc. node	-4125 Mar 28 j 16:01	18°♍48'19	
	-4128 Oct 08 j 22:37	0°♑				-4125 Apr 08 j 14:16	0°♎	
desc. node	-4128 Oct 10 j 20:17	2°♑23'05				-4125 May 06 j 01:31	0°♏	
	-4128 Nov 01 j 22:23	0°♋				-4125 Jun 01 j 02:36	0°♐	
	-4128 Nov 26 j 02:09	0°♌				-4125 Jun 26 j 07:20	0°♑	
	-4128 Dec 20 j 12:04	0°♍			asc. node	-4125 Jul 19 j 12:34	28°♑18'47	
	-4127 Jan 14 j 08:48	0°♎				-4125 Jul 20 j 21:25	0°♒	
asc. node	-4127 Jan 31 j 15:12	20°♎18'35			greatest brilliancy	-4125 Aug 06 j 01:39	20°♒03'26	-3.9m
	-4127 Feb 09 j 01:27	0°♏				-4125 Aug 14 j 00:44	0°♓	
	-4127 Mar 08 j 10:03	0°♐				-4125 Sep 06 j 21:20	0°♏	
evening max el	-4127 Mar 23 j 12:26	15°♐06'03	45°06'36		morning set	-4125 Sep 15 j 02:24	10°♏21'55	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4125 Sep 30 j 15:19	0° $\mathring{\text{M}}$		minimum elong	-4122 Mar 21 j 09:32	27° \approx 18'02	6°46'06
	-4125 Oct 24 j 09:59	0° $\underline{\text{A}}$		min. Earth dist.	-4122 Mar 21 j 11:09	27° \approx 15'27	0.29363 AU
				morning rise	-4122 Mar 26 j 03:31	24° \approx 22'24	
superior conj	-4125 Oct 26 j 02:26	2° $\underline{\text{A}}$ 07'22	0°30'19	direct	-4122 Apr 11 j 19:59	19° \approx 04'16	
minimum elong	-4125 Oct 26 j 10:15	2° $\underline{\text{A}}$ 31'59	0°29'57	greatest brilliancy	-4122 Apr 25 j 03:42	22° \approx 11'10	-4.5m
max. Earth dist.	-4125 Oct 30 j 02:36	7° $\underline{\text{A}}$ 09'57	1.71031 AU	desc. node	-4122 Apr 25 j 03:13	22° \approx 10'39	
desc. node	-4125 Nov 08 j 08:35	18° $\underline{\text{A}}$ 47'15			-4122 May 08 j 11:18	0° H	
	-4125 Nov 17 j 07:10	0° $\mathring{\text{M}}$		morning max el	-4122 May 30 j 20:06	19° H 02'42	45°54'26
evening rise	-4125 Dec 07 j 15:54	25° $\mathring{\text{M}}$ 27'02			-4122 Jun 10 j 20:45	0° Y	
	-4125 Dec 11 j 07:33	0° Z			-4122 Jul 08 j 11:59	0° B	
	-4124 Jan 04 j 11:34	0° Z			-4122 Aug 03 j 05:44	0° II	
	-4124 Jan 28 j 20:27	0° \approx		asc. node	-4122 Aug 16 j 00:25	15° II 23'08	
	-4124 Feb 22 j 12:33	0° H			-4122 Aug 27 j 23:16	0° S	
asc. node	-4124 Feb 29 j 03:23	7° H 57'55			-4122 Sep 21 j 03:03	0° Ω	
	-4124 Mar 18 j 15:24	0° Y			-4122 Oct 15 j 00:31	0° $\mathring{\text{M}}$	
	-4124 Apr 13 j 10:31	0° B			-4122 Nov 07 j 20:58	0° $\underline{\text{A}}$	
	-4124 May 10 j 09:39	0° II		morning set	-4122 Dec 01 j 03:56	29° $\underline{\text{A}}$ 11'36	
evening max el	-4124 Jun 03 j 07:34	24° II 30'32	45°51'18		-4122 Dec 01 j 19:26	0° $\mathring{\text{M}}$	
	-4124 Jun 09 j 04:06	0° S		desc. node	-4122 Dec 05 j 20:54	5° $\mathring{\text{M}}$ 04'27	
desc. node	-4124 Jun 20 j 00:10	9° S 21'10			-4122 Dec 25 j 20:57	0° Z	
greatest brilliancy	-4124 Jul 11 j 23:25	22° S 51'52	-4.6m				
retrograde	-4124 Jul 22 j 16:02	24° S 55'39		superior conj	-4121 Jan 11 j 16:52	20° Z 53'24	-1°-11'-23
evening set	-4124 Aug 09 j 10:53	19° S 03'27		minimum elong	-4121 Jan 11 j 07:19	20° Z 23'49	1°11'20
inferior conj	-4124 Aug 12 j 12:43	17° S 13'27	-8°-53'-5	max. Earth dist.	-4121 Jan 15 j 09:55	25° Z 29'14	1.72576 AU
minimum elong	-4124 Aug 12 j 10:25	17° S 16'54	8°52'51		-4121 Jan 19 j 01:23	0° Z	
min. Earth dist.	-4124 Aug 12 j 21:21	17° S 00'26	0.27205 AU		-4121 Feb 12 j 08:31	0° \approx	
morning rise	-4124 Aug 15 j 09:50	15° S 30'05		evening rise	-4121 Feb 19 j 14:02	8° \approx 54'03	
direct	-4124 Sep 02 j 07:43	9° S 26'47			-4121 Mar 08 j 18:34	0° H	
greatest brilliancy	-4124 Sep 15 j 21:54	12° S 50'13	-4.7m	asc. node	-4121 Mar 28 j 15:39	24° H 17'24	
	-4124 Oct 09 j 17:45	0° Ω			-4121 Apr 02 j 08:13	0° Y	
asc. node	-4124 Oct 10 j 21:10	1° Ω 02'35			-4121 Apr 27 j 02:19	0° B	
morning max el	-4124 Oct 23 j 04:14	13° Ω 02'30	46°52'18		-4121 May 22 j 02:16	0° II	
	-4124 Nov 08 j 00:21	0° $\mathring{\text{M}}$			-4121 Jun 16 j 11:02	0° S	
	-4124 Dec 04 j 04:51	0° $\underline{\text{A}}$			-4121 Jul 12 j 11:35	0° Ω	
	-4124 Dec 29 j 11:58	0° $\mathring{\text{M}}$		desc. node	-4121 Jul 18 j 11:48	6° Ω 45'21	
	-4123 Jan 23 j 12:05	0° Z			-4121 Aug 08 j 22:53	0° $\mathring{\text{M}}$	
desc. node	-4123 Jan 30 j 19:03	8° Z 46'35		evening max el	-4121 Aug 17 j 05:49	8° $\mathring{\text{M}}$ 27'16	47°18'31
	-4123 Feb 17 j 09:22	0° Z			-4121 Sep 10 j 12:42	0° $\underline{\text{A}}$	
	-4123 Mar 14 j 04:27	0° \approx		greatest brilliancy	-4121 Sep 25 j 13:20	8° $\underline{\text{A}}$ 49'24	-4.7m
	-4123 Apr 07 j 20:50	0° H		retrograde	-4121 Oct 06 j 19:13	11° $\underline{\text{A}}$ 11'03	
morning set	-4123 Apr 25 j 11:36	21° H 30'37		evening set	-4121 Oct 21 j 17:53	6° $\underline{\text{A}}$ 44'00	
	-4123 May 02 j 09:55	0° Y		inferior conj	-4121 Oct 27 j 08:03	3° $\underline{\text{A}}$ 24'29	-3°-2'-9
asc. node	-4123 May 23 j 14:17	26° Y 02'45		minimum elong	-4121 Oct 27 j 14:35	3° $\underline{\text{A}}$ 14'27	3°00'10
	-4123 May 26 j 19:13	0° B		min. Earth dist.	-4121 Oct 27 j 02:10	3° $\underline{\text{A}}$ 33'32	0.26404 AU
max. Earth dist.	-4123 May 27 j 13:08	0° B 55'19	1.73163 AU	morning rise	-4121 Nov 02 j 11:39	29° $\mathring{\text{M}}$ 48'29	
					-4121 Nov 02 j 03:02	30° $\mathring{\text{M}}$	
superior conj	-4123 May 31 j 07:02	5° B 32'56	0°17'58	asc. node	-4121 Nov 08 j 08:26	27° $\mathring{\text{M}}$ 13'32	
minimum elong	-4123 May 31 j 03:33	5° B 22'09	0°17'54	direct	-4121 Nov 16 j 14:01	25° $\mathring{\text{M}}$ 49'33	
	-4123 Jun 20 j 00:41	0° II		greatest brilliancy	-4121 Nov 28 j 01:40	28° $\mathring{\text{M}}$ 19'04	-4.7m
evening rise	-4123 Jul 06 j 03:14	20° II 01'57			-4121 Dec 01 j 16:38	0° $\underline{\text{A}}$	
	-4123 Jul 14 j 03:12	0° S		morning max el	-4120 Jan 05 j 14:32	28° $\underline{\text{A}}$ 13'04	46°28'34
	-4123 Aug 07 j 04:26	0° Ω			-4120 Jan 07 j 09:22	0° $\mathring{\text{M}}$	
	-4123 Aug 31 j 06:28	0° $\mathring{\text{M}}$			-4120 Feb 04 j 13:49	0° Z	
desc. node	-4123 Sep 12 j 09:57	15° $\mathring{\text{M}}$ 04'57		desc. node	-4120 Feb 28 j 06:42	26° Z 47'22	
	-4123 Sep 24 j 11:14	0° $\underline{\text{A}}$			-4120 Mar 02 j 01:41	0° Z	
	-4123 Oct 18 j 20:54	0° $\mathring{\text{M}}$			-4120 Mar 27 j 19:49	0° \approx	
	-4123 Nov 12 j 15:29	0° Z			-4120 Apr 22 j 02:42	0° H	
	-4123 Dec 08 j 04:44	0° Z			-4120 May 17 j 00:32	0° Y	
asc. node	-4122 Jan 03 j 05:32	28° Z 32'16			-4120 Jun 10 j 14:08	0° B	
	-4122 Jan 04 j 15:38	0° \approx		asc. node	-4120 Jun 20 j 02:37	11° B 43'46	
evening max el	-4122 Jan 09 j 07:54	4° \approx 43'04	45°56'25	morning set	-4120 Jul 01 j 16:49	26° B 05'22	
	-4122 Feb 09 j 01:43	0° H			-4120 Jul 04 j 20:19	0° II	
greatest brilliancy	-4122 Feb 12 j 14:13	1° H 53'12	-4.5m		-4120 Jul 28 j 20:34	0° S	
retrograde	-4122 Feb 27 j 14:50	5° H 51'22		max. Earth dist.	-4120 Aug 04 j 15:02	8° S 29'59	1.71463 AU
evening set	-4122 Mar 16 j 15:35	0° H 15'29					
	-4122 Mar 17 j 01:55	30° $\mathring{\text{R}}$		superior conj	-4120 Aug 08 j 00:19	12° S 45'20	1°22'23
inferior conj	-4122 Mar 21 j 01:09	27° \approx 31'19	6°47'32	minimum elong	-4120 Aug 07 j 20:40	12° S 33'51	1°22'32

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4120 Aug 21 j 17:14	0°♈			-4117 Mar 08 j 15:34	0°♊	
	-4120 Sep 14 j 13:00	0°♍		morning max el	-4117 Mar 18 j 23:53	9°♊27'13	45°54'39
evening rise	-4120 Sep 16 j 09:46	2°♍20'49		desc. node	-4117 Mar 27 j 18:08	18°♊03'13	
	-4120 Oct 08 j 10:06	0°♌			-4117 Apr 08 j 07:42	0°♋	
desc. node	-4120 Oct 09 j 22:18	1°♌53'23			-4117 May 05 j 15:34	0°♌	
	-4120 Nov 01 j 10:01	0°♍			-4117 May 31 j 15:09	0°♍	
	-4120 Nov 25 j 13:59	0°♎			-4117 Jun 25 j 19:08	0°♎	
	-4120 Dec 20 j 00:15	0°♏		asc. node	-4117 Jul 18 j 14:38	27°♎50'06	
	-4119 Jan 13 j 21:41	0°♐			-4117 Jul 20 j 08:47	0°♏	
asc. node	-4119 Jan 30 j 17:18	19°♐44'48		greatest brilliancy	-4117 Aug 08 j 09:18	23°♏36'53	-3.9m
	-4119 Feb 08 j 15:51	0°♑			-4117 Aug 13 j 11:53	0°♐	
	-4119 Mar 08 j 04:21	0°♒			-4117 Sep 06 j 08:24	0°♑	
evening max el	-4119 Mar 21 j 03:00	12°♒52'30	45°06'49	morning set	-4117 Sep 12 j 14:47	7°♑54'33	
	-4119 Apr 10 j 02:59	0°♓			-4117 Sep 30 j 02:23	0°♒	
greatest brilliancy	-4119 Apr 24 j 23:27	8°♓53'58	-4.5m				
retrograde	-4119 May 08 j 06:50	11°♓58'58		superior conj	-4117 Oct 23 j 11:32	29°♒29'57	0°34'00
desc. node	-4119 May 22 j 14:46	8°♓05'39		minimum elong	-4117 Oct 23 j 20:08	29°♒57'01	0°33'38
evening set	-4119 May 23 j 03:46	7°♓48'42			-4117 Oct 23 j 21:05	0°♓	
inferior conj	-4119 May 29 j 15:41	4°♓01'02	-1°-38'-13	max. Earth dist.	-4117 Oct 27 j 09:22	4°♓25'18	1.71007 AU
minimum elong	-4119 May 29 j 12:05	4°♓06'34	1°37'06	desc. node	-4117 Nov 07 j 10:46	18°♓19'15	
min. Earth dist.	-4119 May 30 j 05:26	3°♓39'54	0.28498 AU		-4117 Nov 16 j 18:18	0°♔	
morning rise	-4119 Jun 04 j 19:33	0°♔21'34		evening rise	-4117 Dec 05 j 01:53	22°♔53'48	
	-4119 Jun 05 j 11:29	30°♕♑			-4117 Dec 10 j 18:42	0°♑	
direct	-4119 Jun 20 j 06:23	25°♑48'44			-4116 Jan 03 j 22:46	0°♒	
greatest brilliancy	-4119 Jul 04 j 23:40	29°♑34'13	-4.5m		-4116 Jan 28 j 07:49	0°♓	
	-4119 Jul 05 j 20:43	0°♒			-4116 Feb 22 j 00:16	0°♔	
morning max el	-4119 Aug 09 j 01:52	27°♒10'15	46°28'13	asc. node	-4116 Feb 28 j 05:26	7°♔28'31	
	-4119 Aug 11 j 21:41	0°♓			-4116 Mar 18 j 03:52	0°♑	
	-4119 Sep 08 j 12:22	0°♔			-4116 Apr 13 j 00:27	0°♒	
asc. node	-4119 Sep 12 j 12:00	4°♔35'24			-4116 May 10 j 02:48	0°♓	
	-4119 Oct 03 j 23:02	0°♑		evening max el	-4116 May 31 j 22:14	22°♓14'09	45°48'32
	-4119 Oct 28 j 12:40	0°♒			-4116 Jun 09 j 07:26	0°♔	
	-4119 Nov 21 j 18:48	0°♓		desc. node	-4116 Jun 19 j 02:22	8°♔13'26	
	-4119 Dec 16 j 00:11	0°♔		greatest brilliancy	-4116 Jul 09 j 09:25	20°♔26'29	-4.6m
desc. node	-4118 Jan 02 j 09:13	21°♔27'50		retrograde	-4116 Jul 20 j 04:59	22°♔32'17	
	-4118 Jan 09 j 07:21	0°♑		evening set	-4116 Aug 06 j 21:04	16°♔43'46	
	-4118 Feb 02 j 16:23	0°♒		inferior conj	-4116 Aug 10 j 01:33	14°♔49'44	-8°-49'-36
morning set	-4118 Feb 14 j 00:52	13°♒57'07		minimum elong	-4116 Aug 09 j 22:21	14°♔54'34	8°49'19
	-4118 Feb 27 j 02:33	0°♓		min. Earth dist.	-4116 Aug 10 j 09:33	14°♔37'40	0.27247 AU
				morning rise	-4116 Aug 12 j 23:32	13°♔05'05	
superior conj	-4118 Mar 23 j 07:47	29°♓43'35	-1°-6'-25	direct	-4116 Aug 30 j 22:00	7°♔02'36	
minimum elong	-4118 Mar 23 j 16:13	0°♔09'26	1°06'18	greatest brilliancy	-4116 Sep 13 j 11:49	10°♔26'01	-4.7m
max. Earth dist.	-4118 Mar 22 j 23:54	29°♓19'22	1.73694 AU	asc. node	-4116 Oct 09 j 23:17	0°♑01'35	
	-4118 Mar 23 j 13:08	0°♔			-4116 Oct 09 j 22:37	0°♑	
	-4118 Apr 16 j 23:45	0°♑		morning max el	-4116 Oct 20 j 18:20	10°♑38'10	46°52'15
asc. node	-4118 Apr 25 j 04:03	10°♑02'26			-4116 Nov 07 j 18:18	0°♒	
evening rise	-4118 Apr 28 j 11:12	14°♑05'22			-4116 Dec 03 j 19:33	0°♓	
	-4118 May 11 j 10:09	0°♒			-4116 Dec 29 j 01:08	0°♔	
	-4118 Jun 04 j 20:23	0°♓			-4115 Jan 23 j 00:20	0°♑	
	-4118 Jun 29 j 07:15	0°♔		desc. node	-4115 Jan 29 j 21:02	8°♑16'13	
	-4118 Jul 23 j 20:27	0°♑			-4115 Feb 16 j 21:00	0°♒	
desc. node	-4118 Aug 14 j 23:47	26°♑49'55			-4115 Mar 13 j 15:39	0°♓	
	-4118 Aug 17 j 14:55	0°♒			-4115 Apr 07 j 07:45	0°♔	
	-4118 Sep 11 j 19:28	0°♓		morning set	-4115 Apr 23 j 06:33	19°♔28'48	
	-4118 Oct 07 j 21:08	0°♔			-4115 May 01 j 20:40	0°♑	
evening max el	-4118 Oct 28 j 01:00	21°♔42'20	47°22'22	asc. node	-4115 May 22 j 16:30	25°♑36'35	
	-4118 Nov 05 j 09:12	0°♑		max. Earth dist.	-4115 May 25 j 09:12	28°♑56'07	1.73206 AU
greatest brilliancy	-4118 Dec 04 j 03:04	22°♑06'23	-4.6m		-4115 May 26 j 05:55	0°♒	
asc. node	-4118 Dec 05 j 20:05	22°♑54'15					
retrograde	-4118 Dec 18 j 03:56	25°♑47'32		superior conj	-4115 May 29 j 01:44	3°♒29'21	0°14'57
evening set	-4117 Jan 03 j 08:29	20°♑32'23		minimum elong	-4115 May 28 j 22:49	3°♒20'20	0°14'55
min. Earth dist.	-4117 Jan 07 j 05:44	18°♑08'10	0.28113 AU	behind sun begin	-4115 May 28 j 15:17	2°♒57'05	
inferior conj	-4117 Jan 08 j 05:55	17°♑29'37	6°56'14	behind sun end	-4115 May 29 j 06:21	3°♒43'35	
minimum elong	-4117 Jan 07 j 21:13	17°♑43'29	6°54'35		-4115 Jun 19 j 11:28	0°♓	
morning rise	-4117 Jan 12 j 10:28	14°♑52'48		evening rise	-4115 Jul 03 j 20:55	17°♓53'40	
direct	-4117 Jan 29 j 03:08	9°♑24'41			-4115 Jul 13 j 14:10	0°♔	
greatest brilliancy	-4117 Feb 08 j 22:45	11°♑32'34	-4.5m		-4115 Aug 06 j 15:39	0°♑	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4115 Aug 30 j 17:58	0°♐				-4112 Feb 04 j 05:43	0°♏			
desc. node	-4115 Sep 11 j 12:01	14°♐35'11		desc. node	-4112 Feb 27 j 08:50	26°♏14'10				
	-4115 Sep 23 j 23:06	0°♐			-4112 Mar 01 j 15:11	0°♏				
	-4115 Oct 18 j 09:17	0°♐			-4112 Mar 27 j 08:04	0°♏				
	-4115 Nov 12 j 04:45	0°♏			-4112 Apr 21 j 14:14	0°♏				
	-4115 Dec 07 j 19:50	0°♏			-4112 May 16 j 11:39	0°♏				
asc. node	-4114 Jan 02 j 07:36	27°♏47'07			-4112 Jun 10 j 01:03	0°♏				
	-4114 Jan 04 j 11:45	0°♏		asc. node	-4112 Jun 19 j 04:41	11°♏16'35				
evening max el	-4114 Jan 06 j 23:57	2°♏30'55	45°59'09	morning set	-4112 Jun 29 j 09:49	23°♏55'24				
greatest brilliancy	-4114 Feb 10 j 08:33	29°♏47'40	-4.5m		-4112 Jul 04 j 07:09	0°♐				
	-4114 Feb 10 j 18:41	0°♏			-4112 Jul 28 j 07:26	0°♏				
retrograde	-4114 Feb 25 j 07:47	3°♏44'24		max. Earth dist.	-4112 Aug 02 j 04:12	6°♏06'26	1.71520 AU			
	-4114 Mar 11 j 01:28	30°♏								
evening set	-4114 Mar 14 j 10:58	28°♏05'10		superior conj	-4112 Aug 05 j 15:13	10°♏27'10	1°21'38			
inferior conj	-4114 Mar 18 j 18:14	25°♏24'01	6°57'50	minimum elong	-4112 Aug 05 j 10:52	10°♏13'29	1°21'47			
minimum elong	-4114 Mar 19 j 02:20	25°♏11'08	6°56'32		-4112 Aug 21 j 04:11	0°♐				
min. Earth dist.	-4114 Mar 19 j 03:15	25°♏09'41	0.29364 AU	evening rise	-4112 Sep 13 j 20:20	29°♐48'16				
morning rise	-4114 Mar 23 j 17:46	22°♏18'51			-4112 Sep 14 j 00:04	0°♐				
direct	-4114 Apr 09 j 13:02	16°♏57'15			-4112 Oct 07 j 21:20	0°♐				
greatest brilliancy	-4114 Apr 22 j 16:56	19°♏59'57	-4.5m	desc. node	-4112 Oct 09 j 00:29	1°♐25'02				
desc. node	-4114 Apr 24 j 05:25	20°♏41'24			-4112 Oct 31 j 21:26	0°♐				
	-4114 May 09 j 01:14	0°♏			-4112 Nov 25 j 01:37	0°♏				
morning max el	-4114 May 28 j 11:50	16°♏52'39	45°53'38		-4112 Dec 19 j 12:14	0°♏				
	-4114 Jun 10 j 15:09	0°♏			-4111 Jan 13 j 10:22	0°♏				
	-4114 Jul 08 j 02:22	0°♏		asc. node	-4111 Jan 29 j 19:24	19°♏11'35				
	-4114 Aug 02 j 18:30	0°♐			-4111 Feb 08 j 06:09	0°♏				
asc. node	-4114 Aug 15 j 02:27	14°♐51'51			-4111 Mar 07 j 22:52	0°♏				
	-4114 Aug 27 j 11:16	0°♏		evening max el	-4111 Mar 18 j 17:43	10°♏40'03	45°07'01			
	-4114 Sep 20 j 14:39	0°♐			-4111 Apr 10 j 19:35	0°♏				
	-4114 Oct 14 j 11:53	0°♐		greatest brilliancy	-4111 Apr 22 j 11:26	6°♏39'50	-4.5m			
	-4114 Nov 07 j 08:08	0°♐		retrograde	-4111 May 05 j 22:24	9°♏48'52				
morning set	-4114 Nov 28 j 14:05	26°♐38'45		evening set	-4111 May 20 j 19:15	5°♏37'39				
	-4114 Dec 01 j 06:27	0°♐		desc. node	-4111 May 21 j 16:57	5°♏08'23				
desc. node	-4114 Dec 04 j 23:05	4°♐36'51		inferior conj	-4111 May 27 j 07:13	1°♏49'54	-1°-18'-10			
	-4114 Dec 25 j 07:51	0°♏		minimum elong	-4111 May 27 j 04:20	1°♏54'20	1°17'15			
				min. Earth dist.	-4111 May 27 j 21:25	1°♏28'05	0.28544 AU			
superior conj	-4113 Jan 09 j 05:33	18°♏30'19	-1°-9'-27		-4111 May 30 j 07:16	30°♏♏				
minimum elong	-4113 Jan 08 j 19:34	17°♏59'23	1°09'22	morning rise	-4111 Jun 02 j 12:35	28°♏08'29				
max. Earth dist.	-4113 Jan 13 j 03:52	23°♏22'35	1.72519 AU	direct	-4111 Jun 17 j 22:14	23°♏36'32				
	-4113 Jan 18 j 12:13	0°♏		greatest brilliancy	-4111 Jul 02 j 17:20	27°♏24'12	-4.5m			
	-4113 Feb 11 j 19:19	0°♏			-4111 Jul 07 j 13:10	0°♏				
evening rise	-4113 Feb 17 j 05:52	6°♏41'50		morning max el	-4111 Aug 06 j 17:30	24°♏55'07	46°27'00			
	-4113 Mar 08 j 05:27	0°♏			-4111 Aug 11 j 18:31	0°♐				
asc. node	-4113 Mar 27 j 17:48	23°♏50'21			-4111 Sep 08 j 03:54	0°♏				
	-4113 Apr 01 j 19:18	0°♏		asc. node	-4111 Sep 11 j 14:12	3°♏57'51				
	-4113 Apr 26 j 13:51	0°♏			-4111 Oct 03 j 12:35	0°♐				
	-4113 May 21 j 14:33	0°♐			-4111 Oct 28 j 01:14	0°♐				
	-4113 Jun 16 j 00:34	0°♏			-4111 Nov 21 j 06:49	0°♐				
	-4113 Jul 12 j 03:23	0°♐			-4111 Dec 15 j 11:49	0°♐				
desc. node	-4113 Jul 17 j 13:49	6°♐04'53		desc. node	-4110 Jan 01 j 11:10	20°♐58'42				
	-4113 Aug 08 j 19:58	0°♐			-4110 Jan 08 j 18:40	0°♏				
evening max el	-4113 Aug 14 j 18:38	6°♐01'01	47°16'09		-4110 Feb 02 j 03:26	0°♏				
	-4113 Sep 11 j 13:10	0°♐		morning set	-4110 Feb 11 j 16:00	11°♏42'27				
greatest brilliancy	-4113 Sep 23 j 05:07	6°♐23'14	-4.7m		-4110 Feb 26 j 13:24	0°♏				
retrograde	-4113 Oct 04 j 06:58	8°♐41'02								
evening set	-4113 Oct 19 j 08:37	4°♐11'28		superior conj	-4110 Mar 21 j 01:54	27°♏38'53	-1°-8'-16			
inferior conj	-4113 Oct 24 j 20:24	0°♐55'37	-3°-25'-2	minimum elong	-4110 Mar 21 j 10:11	28°♏04'19	1°08'09			
minimum elong	-4113 Oct 25 j 03:39	0°♐44'29	3°22'52	max. Earth dist.	-4110 Mar 20 j 21:10	27°♏24'22	1.73681 AU			
min. Earth dist.	-4113 Oct 24 j 16:13	1°♐02'03	0.26390 AU		-4110 Mar 22 j 23:53	0°♏				
	-4113 Oct 26 j 08:43	30°♏			-4110 Apr 16 j 10:31	0°♏				
morning rise	-4113 Oct 30 j 22:55	27°♐20'52		asc. node	-4110 Apr 24 j 06:16	9°♏36'09				
asc. node	-4113 Nov 07 j 10:42	24°♐15'25		evening rise	-4110 Apr 26 j 06:42	12°♏04'44				
direct	-4113 Nov 14 j 01:46	23°♐20'55		greatest brilliancy	-4110 Apr 26 j 08:12	12°♏09'20	-3.9m			
greatest brilliancy	-4113 Nov 25 j 16:20	25°♐52'54	-4.7m		-4110 May 10 j 21:05	0°♏				
	-4113 Dec 03 j 13:44	0°♐			-4110 Jun 04 j 07:37	0°♐				
morning max el	-4112 Jan 03 j 02:54	25°♐47'07	46°30'00		-4110 Jun 28 j 18:54	0°♏				
	-4112 Jan 07 j 07:19	0°♐			-4110 Jul 23 j 08:44	0°♐				

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4110 Aug 14 j 01:52	26°♌16'53			-4107 Mar 13 j 03:03	0°≈	
	-4110 Aug 17 j 04:05	0°♎			-4107 Apr 06 j 18:53	0°✕	
	-4110 Sep 11 j 10:05	0°♊		morning set	-4107 Apr 21 j 01:38	17°♋26'43	
	-4110 Oct 07 j 14:37	0°♍			-4107 May 01 j 07:39	0°♍	
evening max el	-4110 Oct 25 j 16:44	19°♍23'28	47°24'22	asc. node	-4107 May 21 j 18:35	25°♍09'20	
	-4110 Nov 05 j 11:31	0°♊		max. Earth dist.	-4107 May 23 j 04:28	26°♍53'47	1.73248 AU
greatest brilliancy	-4110 Dec 01 j 19:31	19°♊48'33	-4.6m		-4107 May 25 j 16:51	0°♋	
asc. node	-4110 Dec 04 j 22:10	21°♊11'41					
retrograde	-4110 Dec 15 j 20:14	23°♊29'27		superior conj	-4107 May 26 j 20:45	1°♋26'06	0°11'57
evening set	-4110 Dec 31 j 21:02	18°♊18'39		minimum elong	-4107 May 26 j 18:24	1°♋18'52	0°11'55
min. Earth dist.	-4109 Jan 04 j 20:14	15°♊51'52	0.28037 AU	behind sun begin	-4107 May 26 j 03:40	0°♋33'24	
inferior conj	-4109 Jan 05 j 21:16	15°♊12'03	6°44'38	behind sun end	-4107 May 27 j 09:08	2°♋04'20	
minimum elong	-4109 Jan 05 j 12:20	15°♊26'16	6°42'51		-4107 Jun 18 j 22:28	0°♊	
morning rise	-4109 Jan 10 j 04:13	12°♊32'08		evening rise	-4107 Jul 01 j 14:58	15°♊45'54	
direct	-4109 Jan 26 j 17:56	7°♊08'16			-4107 Jul 13 j 01:21	0°♋	
greatest brilliancy	-4109 Feb 06 j 12:24	9°♊15'52	-4.5m		-4107 Aug 06 j 03:07	0°♌	
	-4109 Mar 08 j 19:16	0°♋			-4107 Aug 30 j 05:48	0°♎	
morning max el	-4109 Mar 16 j 15:58	7°♋16'31	45°55'28	desc. node	-4107 Sep 10 j 14:12	14°♎04'46	
desc. node	-4109 Mar 26 j 20:17	17°♋18'54			-4107 Sep 23 j 11:21	0°♊	
	-4109 Apr 08 j 00:45	0°≈			-4107 Oct 17 j 22:06	0°♍	
	-4109 May 05 j 05:29	0°✕			-4107 Nov 11 j 18:31	0°♊	
	-4109 May 31 j 03:39	0°♍			-4107 Dec 07 j 11:33	0°♋	
	-4109 Jun 25 j 06:55	0°♋		asc. node	-4106 Jan 01 j 09:44	27°♋00'25	
asc. node	-4109 Jul 17 j 16:43	27°♋21'18			-4106 Jan 04 j 08:59	0°≈	
	-4109 Jul 19 j 20:13	0°♊		evening max el	-4106 Jan 04 j 14:56	0°≈14'51	46°02'07
greatest brilliancy	-4109 Aug 10 j 05:10	26°♊33'40	-3.9m	greatest brilliancy	-4106 Feb 08 j 02:28	27°≈40'30	-4.5m
	-4109 Aug 12 j 23:09	0°♋			-4106 Feb 13 j 16:43	0°✕	
	-4109 Sep 05 j 19:37	0°♌		retrograde	-4106 Feb 23 j 00:27	1°♋36'39	
morning set	-4109 Sep 10 j 02:58	5°♌26'04			-4106 Mar 03 j 23:19	30°♋≈	
	-4109 Sep 29 j 13:37	0°♎		evening set	-4106 Mar 12 j 06:21	25°≈54'00	
				inferior conj	-4106 Mar 16 j 11:23	23°≈15'57	7°07'41
superior conj	-4109 Oct 20 j 20:24	26°♎51'18	0°37'39	minimum elong	-4106 Mar 16 j 19:09	23°≈03'33	7°06'29
minimum elong	-4109 Oct 21 j 05:41	27°♎20'35	0°37'16	min. Earth dist.	-4106 Mar 16 j 19:37	23°≈02'49	0.29360 AU
	-4109 Oct 23 j 08:19	0°♊		morning rise	-4106 Mar 21 j 08:01	20°≈14'35	
max. Earth dist.	-4109 Oct 24 j 17:22	1°♊44'05	1.70977 AU	direct	-4106 Apr 07 j 05:39	14°≈49'19	
desc. node	-4109 Nov 06 j 12:53	17°♊50'41		greatest brilliancy	-4106 Apr 20 j 06:59	17°≈48'45	-4.5m
	-4109 Nov 16 j 05:31	0°♍		desc. node	-4106 Apr 23 j 07:37	19°≈14'10	
evening rise	-4109 Dec 02 j 11:34	20°♍19'18			-4106 May 09 j 12:02	0°✕	
	-4109 Dec 10 j 05:56	0°♊		morning max el	-4106 May 26 j 03:01	14°♋40'21	45°53'01
	-4108 Jan 03 j 10:05	0°♋			-4106 Jun 10 j 09:27	0°♍	
	-4108 Jan 27 j 19:18	0°≈			-4106 Jul 07 j 16:53	0°♋	
	-4108 Feb 21 j 12:09	0°✕			-4106 Aug 02 j 07:29	0°♊	
asc. node	-4108 Feb 27 j 07:39	6°♋59'09		asc. node	-4106 Aug 14 j 04:43	14°♊20'35	
	-4108 Mar 17 j 16:31	0°♍			-4106 Aug 26 j 23:30	0°♋	
	-4108 Apr 12 j 14:37	0°♋			-4106 Sep 20 j 02:31	0°♌	
	-4108 May 09 j 20:25	0°♊			-4106 Oct 13 j 23:33	0°♎	
evening max el	-4108 May 29 j 12:43	19°♊57'07	45°45'42		-4106 Nov 06 j 19:40	0°♊	
	-4108 Jun 09 j 12:41	0°♋		morning set	-4106 Nov 25 j 23:45	24°♊02'59	
desc. node	-4108 Jun 18 j 04:20	7°♋02'59			-4106 Nov 30 j 17:53	0°♍	
greatest brilliancy	-4108 Jul 06 j 20:09	18°♋01'40	-4.6m	desc. node	-4106 Dec 04 j 01:05	4°♍07'28	
retrograde	-4108 Jul 17 j 17:25	20°♋08'25			-4106 Dec 24 j 19:11	0°♊	
evening set	-4108 Aug 04 j 06:53	14°♋24'19					
inferior conj	-4108 Aug 07 j 14:24	12°♋25'37	-8°-45'-14	superior conj	-4105 Jan 06 j 17:39	16°♊04'09	-1°-7'-20
minimum elong	-4108 Aug 07 j 10:19	12°♋31'48	8°44'50	minimum elong	-4105 Jan 06 j 07:18	15°♊32'01	1°07'14
min. Earth dist.	-4108 Aug 07 j 22:00	12°♋14'09	0.27292 AU	max. Earth dist.	-4105 Jan 10 j 19:24	21°♊07'11	1.72457 AU
morning rise	-4108 Aug 10 j 13:38	10°♋38'55			-4105 Jan 17 j 23:26	0°♋	
direct	-4108 Aug 28 j 12:02	4°♋37'56			-4105 Feb 11 j 06:29	0°≈	
greatest brilliancy	-4108 Sep 11 j 01:45	8°♋00'54	-4.7m	evening rise	-4105 Feb 14 j 21:14	4°≈27'02	
asc. node	-4108 Oct 09 j 01:33	29°♋01'15			-4105 Mar 07 j 16:40	0°✕	
	-4108 Oct 10 j 02:10	0°♌		asc. node	-4105 Mar 26 j 19:59	23°♋22'17	
morning max el	-4108 Oct 18 j 07:28	8°♌10'16	46°52'06		-4105 Apr 01 j 06:45	0°♍	
	-4108 Nov 07 j 12:14	0°♎			-4105 Apr 26 j 01:46	0°♋	
	-4108 Dec 03 j 10:25	0°♊			-4105 May 21 j 03:15	0°♊	
	-4108 Dec 28 j 14:28	0°♍			-4105 May 15 j 14:33	0°♋	
	-4107 Jan 22 j 12:44	0°♊			-4105 Jul 11 j 19:45	0°♌	
desc. node	-4107 Jan 28 j 23:12	7°♊45'52		desc. node	-4105 Jul 16 j 16:02	5°♌23'37	
	-4107 Feb 16 j 08:48	0°♋			-4105 Aug 08 j 18:05	0°♎	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening set	-4100 Aug 01 j 16:38	12° $\overline{50}$ 06'23		minimum elong	-4097 Jan 03 j 18:54	13° $\overline{27}$ 05'00	1°04'57
inferior conj	-4100 Aug 05 j 03:30	10° $\overline{50}$ 02'38	-8°-39'-53	max. Earth dist.	-4097 Jan 08 j 08:18	18° $\overline{27}$ 44'19	1.72397 AU
minimum elong	-4100 Aug 04 j 22:35	10° $\overline{50}$ 10'06	8°39'22		-4097 Jan 17 j 10:25	0° $\overline{5}$	
min. Earth dist.	-4100 Aug 05 j 11:02	9° $\overline{55}$ 51'13	0.27336 AU		-4097 Feb 10 j 17:25	0° \approx	
morning rise	-4100 Aug 08 j 04:23	8° $\overline{50}$ 13'15		evening rise	-4097 Feb 12 j 12:27	2° \approx 12'28	
direct	-4100 Aug 26 j 01:39	2° $\overline{50}$ 14'16			-4097 Mar 07 j 03:38	0° $\overline{11}$	
greatest brilliancy	-4100 Sep 08 j 16:13	5° $\overline{50}$ 37'14	-4.7m	asc. node	-4097 Mar 25 j 22:02	22° $\overline{11}$ 54'42	
asc. node	-4100 Oct 08 j 03:38	28° $\overline{50}$ 02'23			-4097 Mar 31 j 17:55	0° $\overline{17}$	
	-4100 Oct 10 j 04:01	0° $\overline{10}$			-4097 Apr 25 j 13:23	0° $\overline{8}$	
morning max el	-4100 Oct 15 j 19:50	5° $\overline{10}$ 40'50	46°51'49		-4097 May 20 j 15:40	0° $\overline{11}$	
	-4100 Nov 07 j 05:40	0° $\overline{10}$			-4097 Jun 15 j 04:20	0° $\overline{50}$	
	-4100 Dec 03 j 01:00	0° $\overline{10}$			-4097 Jul 11 j 12:07	0° $\overline{10}$	
	-4100 Dec 28 j 03:37	0° $\overline{10}$		desc. node	-4097 Jul 15 j 18:09	4° $\overline{10}$ 42'25	
	-4099 Jan 22 j 00:59	0° $\overline{10}$			-4097 Aug 08 j 16:51	0° $\overline{10}$	
desc. node	-4099 Jan 28 j 01:21	7° $\overline{10}$ 15'54		evening max el	-4097 Aug 09 j 18:45	1° $\overline{10}$ 04'24	47°11'18
	-4099 Feb 15 j 20:27	0° $\overline{5}$			-4097 Sep 15 j 02:41	0° $\overline{10}$	
	-4099 Mar 12 j 14:16	0° \approx		greatest brilliancy	-4097 Sep 18 j 10:21	1° $\overline{10}$ 27'07	-4.7m
	-4099 Apr 06 j 05:50	0° $\overline{11}$		retrograde	-4097 Sep 29 j 06:50	3° $\overline{10}$ 40'23	
morning set	-4099 Apr 18 j 20:46	15° $\overline{11}$ 25'16			-4097 Oct 12 j 20:13	30° $\overline{10}$	
	-4099 Apr 30 j 18:27	0° $\overline{17}$		evening set	-4097 Oct 14 j 14:16	29° $\overline{10}$ 03'52	
asc. node	-4099 May 20 j 20:40	24° $\overline{17}$ 42'33		inferior conj	-4097 Oct 19 j 20:55	25° $\overline{10}$ 56'19	-4°-9'-36
max. Earth dist.	-4099 May 20 j 23:48	24° $\overline{17}$ 52'12	1.73293 AU	minimum elong	-4097 Oct 20 j 05:28	25° $\overline{10}$ 43'15	4°07'08
				min. Earth dist.	-4097 Oct 19 j 19:42	25° $\overline{10}$ 58'11	0.26385 AU
superior conj	-4099 May 24 j 15:48	29° $\overline{17}$ 23'31	0°08'56	morning rise	-4097 Oct 25 j 20:41	22° $\overline{10}$ 25'45	
minimum elong	-4099 May 24 j 14:03	29° $\overline{17}$ 18'05	0°08'55	asc. node	-4097 Nov 05 j 14:54	18° $\overline{10}$ 36'09	
behind sun begin	-4099 May 23 j 19:36	28° $\overline{17}$ 21'11		direct	-4097 Nov 09 j 01:32	18° $\overline{10}$ 21'23	
behind sun end	-4099 May 25 j 08:30	0° $\overline{8}$ 15'00		greatest brilliancy	-4097 Nov 20 j 22:29	21° $\overline{10}$ 00'08	-4.7m
	-4099 May 25 j 03:38	0° $\overline{8}$			-4097 Dec 05 j 19:29	0° $\overline{10}$	
	-4099 Jun 18 j 09:21	0° $\overline{11}$		morning max el	-4097 Dec 29 j 05:41	20° $\overline{10}$ 57'57	46°32'39
evening rise	-4099 Jun 29 j 09:03	13° $\overline{11}$ 38'47			-4096 Jan 07 j 01:36	0° $\overline{10}$	
	-4099 Jul 12 j 12:26	0° $\overline{50}$			-4096 Feb 03 j 13:25	0° $\overline{10}$	
	-4099 Aug 05 j 14:28	0° $\overline{10}$		desc. node	-4096 Feb 25 j 13:03	25° $\overline{10}$ 06'29	
	-4099 Aug 29 j 17:28	0° $\overline{10}$			-4096 Feb 29 j 18:24	0° $\overline{5}$	
desc. node	-4099 Sep 09 j 16:15	13° $\overline{10}$ 34'24			-4096 Mar 26 j 08:51	0° \approx	
	-4099 Sep 22 j 23:26	0° $\overline{10}$			-4096 Apr 20 j 13:35	0° $\overline{11}$	
	-4099 Oct 17 j 10:48	0° $\overline{10}$			-4096 May 15 j 10:09	0° $\overline{17}$	
	-4099 Nov 11 j 08:15	0° $\overline{10}$			-4096 Jun 08 j 23:07	0° $\overline{8}$	
	-4099 Dec 07 j 03:20	0° $\overline{5}$		asc. node	-4096 Jun 17 j 09:01	10° $\overline{8}$ 22'08	
asc. node	-4099 Dec 31 j 12:00	26° $\overline{5}$ 13'50		morning set	-4096 Jun 24 j 20:30	19° $\overline{8}$ 37'14	
evening max el	-4098 Jan 02 j 05:19	27° $\overline{5}$ 57'33	46°05'09		-4096 Jul 03 j 05:06	0° $\overline{11}$	
	-4098 Jan 04 j 06:48	0° \approx			-4096 Jul 27 j 05:26	0° $\overline{50}$	
greatest brilliancy	-4098 Feb 05 j 19:36	25° \approx 32'43	-4.5m	max. Earth dist.	-4096 Jul 28 j 09:02	1° $\overline{50}$ 26'32	1.71633 AU
retrograde	-4098 Feb 20 j 17:15	29° \approx 29'41					
evening set	-4098 Mar 10 j 01:37	23° \approx 43'33		superior conj	-4096 Jul 31 j 21:53	5° $\overline{50}$ 52'44	1°19'46
inferior conj	-4098 Mar 14 j 04:33	21° \approx 08'39	7°16'50	minimum elong	-4096 Jul 31 j 16:14	5° $\overline{50}$ 35'02	1°19'52
minimum elong	-4098 Mar 14 j 11:58	20° \approx 56'49	7°15'45		-4096 Aug 20 j 02:22	0° $\overline{10}$	
min. Earth dist.	-4098 Mar 14 j 12:06	20° \approx 56'36	0.29353 AU	evening rise	-4096 Sep 08 j 18:35	24° $\overline{10}$ 45'47	
morning rise	-4098 Mar 18 j 22:20	18° \approx 11'15			-4096 Sep 12 j 22:31	0° $\overline{10}$	
direct	-4098 Apr 04 j 21:52	12° \approx 42'08			-4096 Oct 06 j 20:07	0° $\overline{10}$	
greatest brilliancy	-4098 Apr 17 j 21:47	15° \approx 39'28	-4.5m	desc. node	-4096 Oct 07 j 04:36	0° $\overline{10}$ 26'34	
desc. node	-4098 Apr 22 j 09:35	17° \approx 50'24			-4096 Oct 30 j 20:35	0° $\overline{10}$	
	-4098 May 09 j 19:34	0° $\overline{11}$			-4096 Nov 24 j 01:14	0° $\overline{10}$	
morning max el	-4098 May 23 j 18:21	12° $\overline{11}$ 29'22	45°52'26		-4096 Dec 18 j 12:39	0° $\overline{5}$	
	-4098 Jun 10 j 02:59	0° $\overline{17}$			-4095 Jan 12 j 12:24	0° \approx	
	-4098 Jul 07 j 07:00	0° $\overline{8}$		asc. node	-4095 Jan 27 j 23:42	18° \approx 03'29	
	-4098 Aug 01 j 20:10	0° $\overline{11}$			-4095 Feb 07 j 11:45	0° $\overline{11}$	
asc. node	-4098 Aug 13 j 06:48	13° $\overline{11}$ 49'30			-4095 Mar 07 j 14:02	0° $\overline{17}$	
	-4098 Aug 26 j 11:29	0° $\overline{50}$		evening max el	-4095 Mar 14 j 01:38	6° $\overline{17}$ 20'00	45°08'04
	-4098 Sep 19 j 14:08	0° $\overline{10}$			-4095 Apr 13 j 02:05	0° $\overline{8}$	
	-4098 Oct 13 j 10:56	0° $\overline{10}$		greatest brilliancy	-4095 Apr 17 j 13:27	2° $\overline{8}$ 13'56	-4.5m
	-4098 Nov 06 j 06:55	0° $\overline{10}$		retrograde	-4095 May 01 j 06:30	5° $\overline{8}$ 28'33	
morning set	-4098 Nov 23 j 09:18	21° $\overline{10}$ 27'37		evening set	-4095 May 16 j 03:12	1° $\overline{8}$ 15'38	
	-4098 Nov 30 j 05:01	0° $\overline{10}$			-4095 May 18 j 09:30	30° $\overline{8}$	
desc. node	-4098 Dec 03 j 03:13	3° $\overline{10}$ 39'26		desc. node	-4095 May 19 j 21:10	29° $\overline{17}$ 07'26	
	-4098 Dec 24 j 06:14	0° $\overline{10}$		inferior conj	-4095 May 22 j 14:31	27° $\overline{17}$ 27'48	0°-38'-1
				minimum elong	-4095 May 22 j 13:07	27° $\overline{17}$ 29'58	0°37'33
superior conj	-4097 Jan 04 j 05:33	13° $\overline{10}$ 38'04	-1°-5'-5	min. Earth dist.	-4095 May 23 j 04:52	27° $\overline{17}$ 05'45	0.28626 AU

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-4095 May 28 j 22:24	23° Υ 43'04		evening rise	-4093 Nov 27 j 06:39	15° \mathbb{M} 09'21	
direct	-4095 Jun 13 j 07:14	19° Υ 12'58			-4093 Dec 09 j 04:18	0° \mathcal{Z}	
greatest brilliancy	-4095 Jun 28 j 01:57	23° Υ 01'16	-4.5m		-4092 Jan 02 j 08:35	0° \mathcal{Z}	
	-4095 Jul 09 j 13:44	0° \mathcal{Z}			-4092 Jan 26 j 18:11	0° \approx	
morning max el	-4095 Aug 02 j 01:52	20° \mathcal{Z} 28'13	46°24'17		-4092 Feb 20 j 11:50	0° \mathcal{H}	
	-4095 Aug 11 j 10:20	0° \mathbb{I}		asc. node	-4092 Feb 25 j 11:49	5° \mathcal{H} 59'52	
	-4095 Sep 07 j 10:25	0° \mathcal{S}			-4092 Mar 16 j 17:51	0° Υ	
asc. node	-4095 Sep 09 j 18:26	2° \mathcal{S} 42'58			-4092 Apr 11 j 19:19	0° \mathcal{Z}	
	-4095 Oct 02 j 15:29	0° \mathcal{Q}			-4092 May 09 j 08:49	0° \mathbb{I}	
	-4095 Oct 27 j 02:22	0° \mathbb{M}		evening max el	-4092 May 24 j 15:47	15° \mathbb{I} 18'56	45°40'14
	-4095 Nov 20 j 06:53	0° \mathcal{Z}			-4092 Jun 10 j 05:59	0° \mathcal{S}	
	-4095 Dec 14 j 11:08	0° \mathbb{M}		desc. node	-4092 Jun 16 j 08:45	4° \mathcal{S} 37'22	
desc. node	-4095 Dec 30 j 15:31	20° \mathbb{M} 01'33		greatest brilliancy	-4092 Jul 01 j 20:12	13° \mathcal{S} 16'01	-4.5m
	-4094 Jan 07 j 17:23	0° \mathcal{Z}		retrograde	-4092 Jul 12 j 17:32	15° \mathcal{S} 23'01	
	-4094 Feb 01 j 01:40	0° \mathcal{Z}		evening set	-4092 Jul 30 j 02:00	9° \mathcal{S} 49'01	
morning set	-4094 Feb 06 j 21:28	7° \mathcal{Z} 09'55		inferior conj	-4092 Aug 02 j 16:33	7° \mathcal{S} 40'01	-8°-33'-33
	-4094 Feb 25 j 11:17	0° \approx		minimum elong	-4092 Aug 02 j 10:48	7° \mathcal{S} 48'42	8°32'55
				min. Earth dist.	-4092 Aug 03 j 00:23	7° \mathcal{S} 28'07	0.27377 AU
superior conj	-4094 Mar 16 j 13:15	23° \approx 26'00	-1°-11'-41	morning rise	-4092 Aug 05 j 19:25	5° \mathcal{S} 47'33	
minimum elong	-4094 Mar 16 j 21:05	23° \approx 50'03	1°11'38		-4092 Aug 20 j 20:00	30° \mathcal{R} \mathbb{I}	
max. Earth dist.	-4094 Mar 16 j 17:45	23° \approx 39'47	1.73650 AU	direct	-4092 Aug 23 j 14:48	29° \mathbb{I} 50'42	
	-4094 Mar 21 j 21:37	0° \mathcal{H}			-4092 Aug 26 j 10:21	0° \mathcal{S}	
	-4094 Apr 15 j 08:18	0° Υ		greatest brilliancy	-4092 Sep 06 j 07:30	3° \mathcal{S} 15'03	-4.7m
evening rise	-4094 Apr 21 j 21:02	8° Υ 00'52		asc. node	-4092 Oct 07 j 05:46	27° \mathcal{S} 05'22	
asc. node	-4094 Apr 22 j 10:26	8° Υ 41'57			-4092 Oct 10 j 04:25	0° \mathcal{Q}	
greatest brilliancy	-4094 Apr 26 j 08:40	13° Υ 31'03	-3.9m	morning max el	-4092 Oct 13 j 08:00	3° \mathcal{Q} 11'20	46°51'48
	-4094 May 09 j 19:07	0° \mathcal{Z}			-4092 Nov 06 j 22:32	0° \mathbb{M}	
	-4094 Jun 03 j 06:12	0° \mathbb{I}			-4092 Dec 02 j 15:15	0° \mathcal{Z}	
	-4094 Jun 27 j 18:21	0° \mathcal{S}			-4092 Dec 27 j 16:32	0° \mathbb{M}	
	-4094 Jul 22 j 09:28	0° \mathcal{Q}			-4091 Jan 21 j 13:07	0° \mathcal{Z}	
desc. node	-4094 Aug 12 j 06:05	25° \mathcal{Q} 10'25		desc. node	-4091 Jan 27 j 03:22	6° \mathcal{Z} 45'44	
	-4094 Aug 16 j 06:45	0° \mathbb{M}			-4091 Feb 15 j 08:03	0° \mathcal{Z}	
	-4094 Sep 10 j 15:53	0° \mathcal{Z}			-4091 Mar 12 j 01:29	0° \approx	
	-4094 Oct 07 j 02:48	0° \mathbb{M}			-4091 Apr 05 j 16:48	0° \mathcal{H}	
evening max el	-4094 Oct 21 j 01:39	14° \mathbb{M} 48'53	47°27'42	morning set	-4091 Apr 16 j 15:29	13° \mathcal{H} 22'28	
	-4094 Nov 05 j 21:16	0° \mathcal{Z}			-4091 Apr 30 j 05:16	0° Υ	
greatest brilliancy	-4094 Nov 27 j 06:57	15° \mathcal{Z} 15'19	-4.7m	max. Earth dist.	-4091 May 18 j 20:22	22° Υ 54'24	1.73337 AU
asc. node	-4094 Dec 03 j 02:32	17° \mathcal{Z} 34'19		asc. node	-4091 May 19 j 22:52	24° Υ 16'04	
retrograde	-4094 Dec 11 j 04:39	18° \mathcal{Z} 51'17					
evening set	-4094 Dec 26 j 22:07	13° \mathcal{Z} 50'03		superior conj	-4091 May 22 j 10:35	27° Υ 20'07	0°05'52
min. Earth dist.	-4094 Dec 31 j 01:06	11° \mathcal{Z} 17'42	0.27878 AU	minimum elong	-4091 May 22 j 09:25	27° Υ 16'32	0°05'54
inferior conj	-4093 Jan 01 j 03:39	10° \mathcal{Z} 35'31	6°19'04	behind sun begin	-4091 May 21 j 12:45	26° Υ 12'49	
minimum elong	-4094 Dec 31 j 18:25	10° \mathcal{Z} 50'12	6°17'05	behind sun end	-4091 May 23 j 06:05	28° Υ 20'15	
morning rise	-4093 Jan 05 j 15:30	7° \mathcal{Z} 48'54			-4091 May 24 j 14:26	0° \mathcal{Z}	
direct	-4093 Jan 21 j 23:44	2° \mathcal{Z} 34'50			-4091 Jun 17 j 20:16	0° \mathbb{I}	
greatest brilliancy	-4093 Feb 01 j 13:32	4° \mathcal{Z} 39'03	-4.5m	evening rise	-4091 Jun 27 j 03:07	11° \mathbb{I} 31'38	
	-4093 Mar 08 j 22:15	0° \mathcal{Z}			-4091 Jul 11 j 23:34	0° \mathcal{S}	
morning max el	-4093 Mar 11 j 22:31	2° \mathcal{Z} 50'55	45°56'53		-4091 Aug 05 j 01:52	0° \mathcal{Q}	
desc. node	-4093 Mar 25 j 00:32	15° \mathcal{Z} 51'52			-4091 Aug 29 j 05:11	0° \mathbb{M}	
	-4093 Apr 07 j 09:59	0° \approx		desc. node	-4091 Sep 08 j 18:19	13° \mathbb{M} 03'58	
	-4093 May 04 j 09:00	0° \mathcal{H}			-4091 Sep 22 j 11:34	0° \mathcal{Z}	
	-4093 May 30 j 04:32	0° Υ			-4091 Oct 16 j 23:32	0° \mathbb{M}	
	-4093 Jun 24 j 06:24	0° \mathcal{Z}			-4091 Nov 10 j 21:59	0° \mathcal{Z}	
asc. node	-4093 Jul 15 j 21:01	26° \mathcal{Z} 24'24			-4091 Dec 06 j 19:16	0° \mathcal{Z}	
	-4093 Jul 18 j 18:55	0° \mathbb{I}		asc. node	-4091 Dec 30 j 14:02	25° \mathcal{Z} 26'12	
	-4093 Aug 11 j 21:29	0° \mathcal{S}		evening max el	-4091 Dec 30 j 19:37	25° \mathcal{Z} 40'10	46°08'09
greatest brilliancy	-4093 Aug 12 j 13:36	0° \mathcal{S} 50'26	-3.9m		-4090 Jan 04 j 05:24	0° \approx	
	-4093 Sep 04 j 17:51	0° \mathcal{Q}		greatest brilliancy	-4090 Feb 03 j 11:30	23° \approx 23'09	-4.5m
morning set	-4093 Sep 05 j 03:56	0° \mathcal{Q} 31'49		retrograde	-4090 Feb 18 j 10:23	27° \approx 22'35	
	-4093 Sep 28 j 11:53	0° \mathbb{M}		evening set	-4090 Mar 07 j 20:45	21° \approx 32'47	
				inferior conj	-4090 Mar 11 j 21:43	19° \approx 00'57	7°25'18
superior conj	-4093 Oct 15 j 15:00	21° \mathbb{M} 37'13	0°44'37	minimum elong	-4090 Mar 12 j 04:44	18° \approx 49'45	7°24'20
minimum elong	-4093 Oct 16 j 01:22	22° \mathbb{M} 09'54	0°44'13	min. Earth dist.	-4090 Mar 12 j 04:27	18° \approx 50'13	0.29350 AU
max. Earth dist.	-4093 Oct 19 j 04:26	26° \mathbb{M} 06'24	1.70926 AU	morning rise	-4090 Mar 16 j 12:44	16° \approx 07'40	
	-4093 Oct 22 j 06:38	0° \mathcal{Z}		direct	-4090 Apr 02 j 14:04	10° \approx 34'24	
desc. node	-4093 Nov 04 j 17:05	16° \mathcal{Z} 53'48		greatest brilliancy	-4090 Apr 15 j 13:27	13° \approx 30'49	-4.5m
	-4093 Nov 15 j 03:52	0° \mathbb{M}		desc. node	-4090 Apr 21 j 11:50	16° \approx 29'12	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4090 May 10 j 01:05	0° H				-4088 Nov 23 j 13:13	0° Z	
morning max el	-4090 May 21 j 10:33	10° H 20'03	45°51'52			-4088 Dec 18 j 01:02	0° Z	
	-4090 Jun 09 j 20:19	0° Y				-4087 Jan 12 j 01:37	0° \approx	
	-4090 Jul 06 j 21:06	0° B		asc. node		-4087 Jan 27 j 01:49	17° \approx 28'55	
	-4090 Aug 01 j 08:54	0° II				-4087 Feb 07 j 02:51	0° H	
asc. node	-4090 Aug 12 j 08:53	13° II 18'11				-4087 Mar 07 j 10:31	0° Y	
	-4090 Aug 25 j 23:34	0° S		evening max el		-4087 Mar 11 j 18:17	4° Y 11'43	45°08'39
	-4090 Sep 19 j 01:51	0° O		greatest brilliancy		-4087 Apr 15 j 04:00	0° B 03'16	-4.5m
	-4090 Oct 12 j 22:26	0° M				-4087 Apr 15 j 01:05	0° B	
	-4090 Nov 05 j 18:15	0° A		retrograde		-4087 Apr 28 j 22:13	3° B 18'47	
morning set	-4090 Nov 20 j 19:12	18° A 52'56				-4087 May 12 j 00:44	30° R Y	
	-4090 Nov 29 j 16:14	0° M		evening set		-4087 May 13 j 19:42	29° Y 05'03	
desc. node	-4090 Dec 02 j 05:22	3° M 11'10		desc. node		-4087 May 18 j 23:19	26° Y 05'15	
	-4090 Dec 23 j 17:20	0° Z		inferior conj		-4087 May 20 j 06:26	25° Y 17'21	0°-18'-5
				minimum elong		-4087 May 20 j 05:46	25° Y 18'23	0°17'51
superior conj	-4089 Jan 01 j 17:41	11° Z 12'29	-1°-2'-44	min. Earth dist.		-4087 May 20 j 20:55	24° Y 55'00	0.28668 AU
minimum elong	-4089 Jan 01 j 06:48	10° Z 38'42	1°02'34	morning rise		-4087 May 26 j 15:15	21° Y 30'56	
max. Earth dist.	-4089 Jan 05 j 20:48	16° Z 20'04	1.72336 AU	direct		-4087 Jun 11 j 00:03	17° Y 01'54	
	-4089 Jan 16 j 21:25	0° Z		greatest brilliancy		-4087 Jun 25 j 16:50	20° Y 48'02	-4.5m
evening rise	-4089 Feb 10 j 03:54	29° Z 58'28				-4087 Jul 10 j 05:07	0° B	
	-4089 Feb 10 j 04:23	0° \approx		morning max el		-4087 Jul 30 j 17:30	18° B 13'16	46°22'49
	-4089 Mar 06 j 14:42	0° H				-4087 Aug 11 j 05:32	0° II	
asc. node	-4089 Mar 25 j 00:10	22° H 26'57				-4087 Sep 07 j 01:32	0° S	
	-4089 Mar 31 j 05:16	0° Y		asc. node		-4087 Sep 08 j 20:37	2° S 05'43	
	-4089 Apr 25 j 01:14	0° B				-4087 Oct 02 j 04:58	0° O	
	-4089 May 20 j 04:22	0° II				-4087 Oct 26 j 15:01	0° M	
	-4089 Jun 14 j 18:28	0° S				-4087 Nov 19 j 19:03	0° A	
	-4089 Jul 11 j 05:00	0° O				-4087 Dec 13 j 22:57	0° M	
desc. node	-4089 Jul 14 j 20:12	3° O 59'55		desc. node		-4087 Dec 29 j 17:27	19° M 31'40	
evening max el	-4089 Aug 07 j 07:42	28° O 38'19	47°08'45			-4086 Jan 07 j 04:54	0° Z	
	-4089 Aug 08 j 16:51	0° M				-4086 Jan 31 j 12:56	0° Z	
greatest brilliancy	-4089 Sep 15 j 23:31	28° M 56'54	-4.7m	morning set		-4086 Feb 04 j 12:01	4° Z 52'31	
	-4089 Sep 19 j 01:57	0° A				-4086 Feb 24 j 22:22	0° \approx	
retrograde	-4089 Sep 26 j 19:23	1° A 09'15						
	-4089 Oct 04 j 06:47	30° R M		superior conj		-4086 Mar 14 j 06:58	21° \approx 19'14	-1°-13'-15
evening set	-4089 Oct 12 j 05:05	26° M 28'46		minimum elong		-4086 Mar 14 j 14:31	21° \approx 42'25	1°13'13
inferior conj	-4089 Oct 17 j 08:55	23° M 25'31	-4°-31'-15	max. Earth dist.		-4086 Mar 14 j 16:50	21° \approx 49'32	1.73626 AU
minimum elong	-4089 Oct 17 j 18:01	23° M 11'38	4°28'41			-4086 Mar 21 j 08:36	0° H	
min. Earth dist.	-4089 Oct 17 j 08:43	23° M 25'48	0.26386 AU			-4086 Apr 14 j 19:18	0° Y	
morning rise	-4089 Oct 23 j 06:58	19° M 57'49		evening rise		-4086 Apr 19 j 16:21	5° Y 59'05	
asc. node	-4089 Nov 04 j 17:10	15° M 54'53		asc. node		-4086 Apr 21 j 12:37	8° Y 14'52	
direct	-4089 Nov 06 j 13:51	15° M 50'34		greatest brilliancy		-4086 Apr 26 j 09:26	14° Y 13'08	-3.9m
greatest brilliancy	-4089 Nov 18 j 12:22	18° M 31'37	-4.7m			-4086 May 09 j 06:17	0° B	
	-4089 Dec 06 j 12:30	0° A				-4086 Jun 02 j 17:40	0° II	
morning max el	-4089 Dec 26 j 20:15	18° A 36'01	46°34'09			-4086 Jun 27 j 06:18	0° S	
	-4088 Jan 06 j 21:45	0° M				-4086 Jul 21 j 22:08	0° O	
	-4088 Feb 03 j 04:53	0° Z		desc. node		-4086 Aug 11 j 08:11	24° O 36'17	
desc. node	-4088 Feb 24 j 15:12	24° Z 33'13				-4086 Aug 15 j 20:27	0° M	
	-4088 Feb 29 j 07:48	0° Z				-4086 Sep 10 j 07:17	0° A	
	-4088 Mar 25 j 21:08	0° \approx				-4086 Oct 06 j 21:49	0° M	
	-4088 Apr 20 j 01:13	0° H		evening max el		-4086 Oct 18 j 17:22	12° M 28'43	47°29'06
	-4088 May 14 j 21:26	0° Y				-4086 Nov 06 j 05:47	0° Z	
	-4088 Jun 08 j 10:14	0° B		greatest brilliancy		-4086 Nov 25 j 01:39	12° Z 58'35	-4.7m
asc. node	-4088 Jun 16 j 11:02	9° B 54'12		asc. node		-4086 Dec 02 j 04:34	15° Z 37'57	
morning set	-4088 Jun 22 j 14:01	17° B 28'38		retrograde		-4086 Dec 08 j 20:04	16° Z 30'21	
	-4088 Jul 02 j 16:09	0° II		evening set		-4086 Dec 24 j 10:37	11° Z 34'07	
max. Earth dist.	-4088 Jul 25 j 21:17	28° II 59'46	1.71690 AU	min. Earth dist.		-4086 Dec 28 j 15:59	8° Z 58'15	0.27796 AU
	-4088 Jul 26 j 16:31	0° S		inferior conj		-4086 Dec 29 j 18:40	8° Z 15'49	6°05'15
				minimum elong		-4086 Dec 29 j 09:23	8° Z 30'36	6°03'09
superior conj	-4088 Jul 29 j 13:21	3° S 35'49	1°18'38	morning rise		-4085 Jan 03 j 08:57	5° Z 25'33	
minimum elong	-4088 Jul 29 j 07:09	3° S 16'23	1°18'43	direct		-4085 Jan 19 j 14:04	0° Z 16'40	
	-4088 Aug 19 j 13:33	0° O		greatest brilliancy		-4085 Jan 30 j 02:39	2° Z 19'39	-4.5m
evening rise	-4088 Sep 06 j 05:49	22° O 14'34				-4085 Mar 08 j 22:16	0° Z	
	-4088 Sep 12 j 09:52	0° M		morning max el		-4085 Mar 09 j 12:35	0° Z 34'13	45°57'49
desc. node	-4088 Oct 06 j 06:47	29° M 57'15		desc. node		-4085 Mar 24 j 02:41	15° Z 08'45	
	-4088 Oct 06 j 07:39	0° A				-4085 Apr 07 j 02:21	0° \approx	
	-4088 Oct 30 j 08:19	0° M				-4085 May 03 j 22:43	0° H	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4085 May 29 j 17:00	0°♊			-4083 Oct 16 j 12:32	0°♌		
	-4085 Jun 23 j 18:12	0°♋			-4083 Nov 10 j 12:07	0°♏		
asc. node	-4085 Jul 14 j 23:06	25°♋55'25			-4083 Dec 06 j 11:46	0°♐		
	-4085 Jul 18 j 06:24	0°♌		evening max el	-4083 Dec 28 j 10:36	23°♐23'32	46°11'21	
	-4085 Aug 11 j 08:51	0°♍		asc. node	-4083 Dec 29 j 16:10	24°♐37'10		
greatest brilliancy	-4085 Aug 13 j 13:12	2°♍44'02	-3.9m		-4082 Jan 04 j 05:23	0°♑		
morning set	-4085 Sep 02 j 16:35	28°♍04'30		greatest brilliancy	-4082 Feb 01 j 03:00	21°♑12'05	-4.5m	
	-4085 Sep 04 j 05:12	0°♎		retrograde	-4082 Feb 16 j 03:51	25°♑14'24		
	-4085 Sep 27 j 23:15	0°♏		evening set	-4082 Mar 05 j 15:39	19°♑21'03		
				inferior conj	-4082 Mar 09 j 14:44	16°♑52'08	7°33'17	
superior conj	-4085 Oct 13 j 00:23	18°♏59'43	0°47'56	minimum elong	-4082 Mar 09 j 21:18	16°♑41'40	7°32'26	
minimum elong	-4085 Oct 13 j 11:10	19°♏33'42	0°47'33	min. Earth dist.	-4082 Mar 09 j 20:19	16°♑43'14	0.29342 AU	
max. Earth dist.	-4085 Oct 16 j 05:20	23°♏02'13	1.70904 AU	morning rise	-4082 Mar 14 j 03:00	14°♑03'07		
	-4085 Oct 21 j 18:00	0°♐		direct	-4082 Mar 31 j 06:22	8°♑25'38		
desc. node	-4085 Nov 03 j 19:09	16°♐24'33		greatest brilliancy	-4082 Apr 13 j 04:46	11°♑21'14	-4.5m	
	-4085 Nov 14 j 15:15	0°♑		desc. node	-4082 Apr 20 j 13:59	15°♑09'51		
evening rise	-4085 Nov 24 j 15:44	12°♑32'07			-4082 May 10 j 04:57	0°♒		
	-4085 Dec 08 j 15:44	0°♒		morning max el	-4082 May 19 j 03:35	8°♒12'30	45°51'28	
	-4084 Jan 01 j 20:06	0°♓			-4082 Jun 09 j 13:22	0°♊		
	-4084 Jan 26 j 05:54	0°♑			-4082 Jul 06 j 11:05	0°♋		
	-4084 Feb 19 j 23:59	0°♒			-4082 Jul 31 j 21:34	0°♌		
asc. node	-4084 Feb 24 j 14:01	5°♒29'46		asc. node	-4082 Aug 11 j 11:06	12°♌47'31		
	-4084 Mar 16 j 06:50	0°♊			-4082 Aug 25 j 11:34	0°♍		
	-4084 Apr 11 j 10:04	0°♋			-4082 Sep 18 j 13:30	0°♎		
	-4084 May 09 j 03:50	0°♌			-4082 Oct 12 j 09:54	0°♏		
evening max el	-4084 May 22 j 04:42	12°♌58'27	45°37'45		-4082 Nov 05 j 05:37	0°♐		
	-4084 Jun 10 j 19:19	0°♍		morning set	-4082 Nov 18 j 04:50	16°♐17'05		
desc. node	-4084 Jun 15 j 10:43	3°♍20'58			-4082 Nov 29 j 03:32	0°♑		
greatest brilliancy	-4084 Jun 29 j 07:11	10°♍52'31	-4.5m	desc. node	-4082 Dec 01 j 07:22	2°♑42'07		
retrograde	-4084 Jul 10 j 05:58	13°♍01'20			-4082 Dec 23 j 04:33	0°♒		
evening set	-4084 Jul 27 j 11:24	7°♍32'15						
inferior conj	-4084 Jul 31 j 05:51	5°♍17'49	-8°-26'-18	superior conj	-4082 Dec 30 j 05:00	8°♒43'48	-1°00'-12	
minimum elong	-4084 Jul 30 j 23:21	5°♍27'40	8°25'31	minimum elong	-4082 Dec 29 j 17:58	8°♒09'31	1°00'00	
min. Earth dist.	-4084 Jul 31 j 13:53	5°♍05'39	0.27426 AU	max. Earth dist.	-4081 Jan 03 j 08:06	13°♒51'32	1.72279 AU	
morning rise	-4084 Aug 03 j 11:02	3°♍21'58			-4081 Jan 16 j 08:33	0°♓		
	-4084 Aug 09 j 21:13	30°♒11		evening rise	-4081 Feb 07 j 18:39	27°♓41'57		
direct	-4084 Aug 21 j 04:15	27°♒27'18			-4081 Feb 09 j 15:29	0°♑		
	-4084 Sep 01 j 22:45	0°♍			-4081 Mar 06 j 01:52	0°♒		
greatest brilliancy	-4084 Sep 04 j 00:08	0°♍54'34	-4.6m	asc. node	-4081 Mar 24 j 02:20	21°♒58'59		
asc. node	-4084 Oct 06 j 08:00	26°♍09'00			-4081 Mar 30 j 16:42	0°♊		
	-4084 Oct 10 j 04:05	0°♎			-4081 Apr 24 j 13:10	0°♋		
morning max el	-4084 Oct 10 j 21:09	0°♎43'34	46°51'32		-4081 May 19 j 17:09	0°♌		
	-4084 Nov 06 j 15:28	0°♏			-4081 Jun 14 j 08:43	0°♍		
	-4084 Dec 02 j 05:42	0°♐			-4081 Jul 10 j 22:05	0°♎		
	-4084 Dec 27 j 05:41	0°♑		desc. node	-4081 Jul 13 j 22:24	3°♎17'46		
desc. node	-4083 Jan 21 j 01:28	0°♒		evening max el	-4081 Aug 04 j 21:46	26°♎15'49	47°06'16	
	-4083 Jan 26 j 05:32	6°♒15'25			-4081 Aug 08 j 17:44	0°♏		
	-4083 Feb 14 j 19:51	0°♓		greatest brilliancy	-4081 Sep 13 j 12:23	26°♏27'40	-4.7m	
	-4083 Mar 11 j 12:54	0°♑		retrograde	-4081 Sep 24 j 08:14	28°♏39'18		
	-4083 Apr 05 j 03:56	0°♒		evening set	-4081 Oct 09 j 20:15	23°♏54'58		
morning set	-4083 Apr 14 j 10:18	11°♒19'23		inferior conj	-4081 Oct 14 j 21:06	20°♏55'56	-4°-52'-13	
	-4083 Apr 29 j 16:15	0°♊		minimum elong	-4081 Oct 15 j 06:41	20°♏41'21	4°49'34	
max. Earth dist.	-4083 May 16 j 18:29	21°♊00'56	1.73375 AU	min. Earth dist.	-4081 Oct 14 j 21:37	20°♏55'09	0.26392 AU	
asc. node	-4083 May 19 j 00:55	23°♊48'37		morning rise	-4081 Oct 20 j 17:11	17°♏31'20		
				asc. node	-4081 Nov 03 j 19:12	13°♏21'19		
superior conj	-4083 May 20 j 05:43	25°♊17'22	0°02'51	direct	-4081 Nov 04 j 02:50	13°♏21'11		
minimum elong	-4083 May 20 j 05:08	25°♊15'34	0°02'53	greatest brilliancy	-4081 Nov 16 j 01:36	16°♏03'11	-4.7m	
behind sun begin	-4083 May 19 j 07:21	24°♊08'28			-4081 Dec 07 j 00:58	0°♐		
behind sun end	-4083 May 21 j 02:54	26°♊22'42		morning max el	-4081 Dec 24 j 10:52	16°♐14'25	46°35'12	
	-4083 May 24 j 01:22	0°♋			-4080 Jan 06 j 17:15	0°♌		
	-4083 Jun 17 j 07:18	0°♌			-4080 Feb 02 j 20:08	0°♍		
evening rise	-4083 Jun 24 j 21:44	9°♌26'03		desc. node	-4080 Feb 23 j 17:22	24°♍00'07		
	-4083 Jul 11 j 10:46	0°♍			-4080 Feb 28 j 21:07	0°♎		
	-4083 Aug 04 j 13:21	0°♎			-4080 Mar 25 j 09:22	0°♏		
	-4083 Aug 28 j 17:02	0°♏			-4080 Apr 19 j 12:48	0°♐		
desc. node	-4083 Sep 07 j 20:31	12°♏33'27			-4080 May 14 j 08:38	0°♑		
	-4083 Sep 21 j 23:54	0°♐			-4080 Jun 07 j 21:14	0°♒		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-4080 Jun 15 j 13:08	9°♄26'50		evening max el	-4078 Oct 16 j 08:20	10°♍07'37	47°30'31
morning set	-4080 Jun 20 j 07:33	15°♄20'28			-4078 Nov 06 j 16:33	0°♈	
	-4080 Jul 02 j 03:06	0°♈		greatest brilliancy	-4078 Nov 22 j 20:24	10°♈43'03	-4.7m
max. Earth dist.	-4080 Jul 23 j 07:42	26°♈27'41	1.71746 AU	asc. node	-4078 Dec 01 j 06:43	13°♈38'40	
	-4080 Jul 26 j 03:28	0°♄		retrograde	-4078 Dec 06 j 11:12	14°♈10'56	
				evening set	-4078 Dec 21 j 23:17	9°♈19'24	
superior conj	-4080 Jul 27 j 05:07	1°♄20'23	1°17'23	min. Earth dist.	-4078 Dec 26 j 07:18	6°♈39'52	0.27715 AU
minimum elong	-4080 Jul 26 j 22:26	0°♄59'24	1°17'27	inferior conj	-4078 Dec 27 j 09:48	5°♈57'43	5°50'45
	-4080 Aug 19 j 00:36	0°♈		minimum elong	-4078 Dec 27 j 00:31	6°♈12'29	5°48'33
evening rise	-4080 Sep 03 j 17:33	19°♈45'27		morning rise	-4077 Jan 01 j 02:32	3°♈03'46	
	-4080 Sep 11 j 21:03	0°♈			-4077 Jan 07 j 05:46	30°♌	
desc. node	-4080 Oct 05 j 08:51	29°♈28'20		direct	-4077 Jan 17 j 03:58	27°♌59'58	
	-4080 Oct 05 j 18:58	0°♄		greatest brilliancy	-4077 Jan 27 j 16:44	0°♈02'42	-4.6m
	-4080 Oct 29 j 19:49	0°♌			-4077 Jan 27 j 13:49	0°♈	
	-4080 Nov 23 j 00:58	0°♈		morning max el	-4077 Mar 07 j 02:20	28°♈17'48	45°58'38
	-4080 Dec 17 j 13:15	0°♄			-4077 Mar 08 j 20:44	0°♄	
	-4079 Jan 11 j 14:46	0°♌		desc. node	-4077 Mar 23 j 04:48	14°♄27'18	
asc. node	-4079 Jan 26 j 04:01	16°♌54'43			-4077 Apr 06 j 18:05	0°♌	
	-4079 Feb 06 j 18:05	0°♈			-4077 May 03 j 12:02	0°♈	
	-4079 Mar 07 j 07:43	0°♈			-4077 May 29 j 05:09	0°♈	
evening max el	-4079 Mar 09 j 10:20	2°♈01'56	45°09'16		-4077 Jun 23 j 05:43	0°♄	
greatest brilliancy	-4079 Apr 12 j 19:11	27°♈53'17	-4.5m	asc. node	-4077 Jul 14 j 01:22	25°♄27'51	
	-4079 Apr 18 j 13:51	0°♄			-4077 Jul 17 j 17:34	0°♈	
retrograde	-4079 Apr 26 j 13:23	1°♄09'02			-4077 Aug 10 j 19:52	0°♄	
	-4079 May 04 j 05:57	30°♌		greatest brilliancy	-4077 Aug 14 j 05:22	4°♄15'25	-3.9m
evening set	-4079 May 11 j 12:14	26°♈54'19		morning set	-4077 Aug 31 j 05:11	25°♄38'08	
inferior conj	-4079 May 17 j 22:15	23°♈07'07	0°01'46		-4077 Sep 03 j 16:12	0°♈	
minimum elong	-4079 May 17 j 22:19	23°♈07'01	0°01'50		-4077 Sep 27 j 10:16	0°♈	
transit middle	-4079 May 17 j 22:19	23°♈07'01	0°01'50				
transit begin	-4079 May 17 j 18:16	23°♈13'17		superior conj	-4077 Oct 10 j 09:50	16°♈23'23	0°51'09
transit end	-4079 May 18 j 02:23	23°♈00'44		minimum elong	-4077 Oct 10 j 20:56	16°♈58'23	0°50'46
desc. node	-4079 May 18 j 01:18	23°♈02'24		max. Earth dist.	-4077 Oct 13 j 05:17	19°♈56'00	1.70888 AU
min. Earth dist.	-4079 May 18 j 13:12	22°♈43'59	0.28707 AU		-4077 Oct 21 j 05:04	0°♄	
morning rise	-4079 May 24 j 07:49	19°♈19'05		desc. node	-4077 Nov 02 j 21:11	15°♄56'07	
direct	-4079 Jun 08 j 16:22	14°♈51'04			-4077 Nov 14 j 02:19	0°♌	
greatest brilliancy	-4079 Jun 23 j 07:14	18°♈34'29	-4.5m	evening rise	-4077 Nov 22 j 00:49	9°♌55'56	
	-4079 Jul 10 j 16:26	0°♄			-4077 Dec 08 j 02:48	0°♈	
morning max el	-4079 Jul 28 j 08:05	15°♄56'22	46°21'24		-4076 Jan 01 j 07:15	0°♄	
	-4079 Aug 11 j 00:02	0°♈			-4076 Jan 25 j 17:14	0°♌	
	-4079 Sep 06 j 16:14	0°♄			-4076 Feb 19 j 11:45	0°♈	
asc. node	-4079 Sep 07 j 22:46	1°♄29'20		asc. node	-4076 Feb 23 j 16:09	5°♈00'33	
	-4079 Oct 01 j 18:05	0°♈			-4076 Mar 15 j 19:31	0°♈	
	-4079 Oct 26 j 03:19	0°♈			-4076 Apr 11 j 00:41	0°♄	
	-4079 Nov 19 j 06:51	0°♄			-4076 May 08 j 23:07	0°♈	
	-4079 Dec 13 j 10:23	0°♌		evening max el	-4076 May 19 j 17:55	10°♈39'34	45°35'17
desc. node	-4079 Dec 28 j 19:39	19°♌03'42			-4076 Jun 11 j 12:47	0°♄	
	-4078 Jan 06 j 16:03	0°♈		desc. node	-4076 Jun 14 j 12:59	2°♄03'11	
	-4078 Jan 30 j 23:53	0°♄		greatest brilliancy	-4076 Jun 26 j 17:07	8°♄28'30	-4.5m
morning set	-4078 Feb 02 j 02:26	2°♄35'36		retrograde	-4076 Jul 07 j 18:50	10°♄40'16	
	-4078 Feb 24 j 09:11	0°♌		evening set	-4076 Jul 24 j 20:32	5°♄16'03	
				inferior conj	-4076 Jul 28 j 19:01	2°♄56'06	-8°-18'-10
superior conj	-4078 Mar 12 j 00:25	19°♌12'23	-1°-14'-44	minimum elong	-4076 Jul 28 j 11:48	3°♄06'59	8°17'13
minimum elong	-4078 Mar 12 j 07:36	19°♌34'28	1°14'43	min. Earth dist.	-4076 Jul 29 j 02:59	2°♄44'04	0.27474 AU
max. Earth dist.	-4078 Mar 12 j 14:07	19°♌54'27	1.73604 AU	morning rise	-4076 Aug 01 j 02:49	0°♄56'36	
	-4078 Mar 20 j 19:22	0°♈			-4076 Aug 02 j 18:16	30°♌	
	-4078 Apr 14 j 06:05	0°♈		direct	-4076 Aug 18 j 18:00	25°♈04'27	
evening rise	-4078 Apr 17 j 11:14	3°♈56'36		greatest brilliancy	-4076 Sep 01 j 16:42	28°♈35'00	-4.6m
asc. node	-4078 Apr 20 j 14:38	7°♈47'51			-4076 Sep 04 j 11:22	0°♄	
greatest brilliancy	-4078 Apr 26 j 14:22	15°♈08'35	-3.9m	asc. node	-4076 Oct 05 j 10:06	25°♄14'27	
	-4078 May 08 j 17:13	0°♄		morning max el	-4076 Oct 08 j 11:04	28°♄18'52	46°51'16
	-4078 Jun 02 j 04:54	0°♈			-4076 Oct 10 j 02:24	0°♈	
	-4078 Jun 26 j 18:03	0°♄			-4076 Nov 06 j 07:45	0°♈	
	-4078 Jul 21 j 10:36	0°♈			-4076 Dec 01 j 19:40	0°♄	
desc. node	-4078 Aug 10 j 10:21	24°♈03'04			-4076 Dec 26 j 18:25	0°♌	
	-4078 Aug 15 j 09:58	0°♈			-4075 Jan 20 j 13:25	0°♈	
	-4078 Sep 09 j 22:34	0°♄		desc. node	-4075 Jan 25 j 07:41	5°♈46'09	
	-4078 Oct 06 j 16:55	0°♌			-4075 Feb 14 j 07:15	0°♄	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4075 Mar 10 j 23:55	0°♊		retrograde	-4073 Sep 21 j 20:29	26°♍08'11	
	-4075 Apr 04 j 14:41	0°♋		evening set	-4073 Oct 07 j 11:20	21°♍20'10	
morning set	-4075 Apr 12 j 05:15	9°♋17'47		inferior conj	-4073 Oct 12 j 09:02	18°♍25'26	-5°-12'-48
	-4075 Apr 29 j 02:54	0°♌		minimum elong	-4073 Oct 12 j 19:02	18°♍10'13	5°10'06
max. Earth dist.	-4075 May 14 j 17:40	19°♌11'39	1.73417 AU	min. Earth dist.	-4073 Oct 12 j 10:23	18°♍23'23	0.26397 AU
				morning rise	-4073 Oct 18 j 02:49	15°♍04'04	
superior conj	-4075 May 18 j 00:49	23°♌15'26	0°00'-12	direct	-4073 Nov 01 j 15:37	10°♍51'01	
minimum elong	-4075 May 18 j 00:50	23°♌15'29	0°00'10	asc. node	-4073 Nov 02 j 21:23	10°♍52'55	
behind sun begin	-4075 May 17 j 02:56	22°♌08'00		greatest brilliancy	-4073 Nov 13 j 14:22	13°♍33'22	-4.7m
behind sun end	-4075 May 18 j 22:44	24°♌22'59			-4073 Dec 07 j 10:24	0°♎	
asc. node	-4075 May 18 j 03:05	23°♌22'27		morning max el	-4073 Dec 22 j 00:28	13°♎49'56	46°36'23
	-4075 May 23 j 12:03	0°♏			-4072 Jan 06 j 12:13	0°♎	
	-4075 Jun 16 j 18:07	0°♐			-4072 Feb 02 j 11:07	0°♏	
evening rise	-4075 Jun 22 j 16:17	7°♐20'58		desc. node	-4072 Feb 22 j 19:24	23°♏26'59	
	-4075 Jul 10 j 21:48	0°♑			-4072 Feb 28 j 10:16	0°♑	
	-4075 Aug 04 j 00:39	0°♒			-4072 Mar 24 j 21:28	0°♑	
	-4075 Aug 28 j 04:41	0°♓			-4072 Apr 19 j 00:17	0°♋	
desc. node	-4075 Sep 06 j 22:33	12°♓03'09			-4072 May 13 j 19:45	0°♌	
	-4075 Sep 21 j 12:01	0°♎			-4072 Jun 07 j 08:09	0°♏	
	-4075 Oct 16 j 01:22	0°♎		asc. node	-4072 Jun 14 j 15:24	9°♏00'14	
	-4075 Nov 10 j 02:07	0°♏		morning set	-4072 Jun 18 j 01:34	13°♏14'09	
	-4075 Dec 06 j 04:15	0°♑			-4072 Jul 01 j 13:57	0°♐	
evening max el	-4075 Dec 26 j 02:42	21°♑10'31	46°14'37	max. Earth dist.	-4072 Jul 20 j 19:18	23°♐59'38	1.71811 AU
asc. node	-4075 Dec 28 j 18:27	23°♑48'39					
	-4074 Jan 04 j 06:08	0°♑		superior conj	-4072 Jul 24 j 21:20	29°♐06'33	1°16'02
greatest brilliancy	-4074 Jan 29 j 19:32	19°♑03'29	-4.5m	minimum elong	-4072 Jul 24 j 14:11	28°♐44'09	1°16'03
retrograde	-4074 Feb 13 j 21:43	23°♑07'23			-4072 Jul 25 j 14:24	0°♑	
evening set	-4074 Mar 03 j 10:35	17°♑10'45			-4072 Aug 18 j 11:40	0°♒	
inferior conj	-4074 Mar 07 j 07:53	14°♑44'31	7°40'38	evening rise	-4072 Sep 01 j 05:29	17°♒16'50	
minimum elong	-4074 Mar 07 j 13:59	14°♑34'47	7°39'52		-4072 Sep 11 j 08:19	0°♓	
min. Earth dist.	-4074 Mar 07 j 11:58	14°♑38'00	0.29329 AU	desc. node	-4072 Oct 04 j 10:54	28°♓58'50	
morning rise	-4074 Mar 11 j 17:28	11°♑59'40			-4072 Oct 05 j 06:27	0°♎	
direct	-4074 Mar 28 j 23:17	6°♑18'18			-4072 Oct 29 j 07:29	0°♎	
greatest brilliancy	-4074 Apr 10 j 19:10	9°♑11'55	-4.5m		-4072 Nov 22 j 12:54	0°♏	
desc. node	-4074 Apr 19 j 16:00	13°♑53'59			-4072 Dec 17 j 01:40	0°♑	
	-4074 May 10 j 06:45	0°♋			-4071 Jan 11 j 04:09	0°♑	
morning max el	-4074 May 16 j 21:02	6°♋07'09	45°50'57	asc. node	-4071 Jan 25 j 06:07	16°♑19'47	
	-4074 Jun 09 j 05:47	0°♌			-4071 Feb 06 j 09:37	0°♋	
	-4074 Jul 06 j 00:45	0°♏		evening max el	-4071 Mar 07 j 01:42	29°♋50'20	45°10'03
	-4074 Jul 31 j 10:02	0°♐			-4071 Mar 07 j 05:45	0°♌	
asc. node	-4074 Aug 10 j 13:12	12°♐16'54		greatest brilliancy	-4071 Apr 10 j 10:23	25°♌43'35	-4.5m
	-4074 Aug 24 j 23:26	0°♑		retrograde	-4071 Apr 24 j 04:42	29°♌00'13	
	-4074 Sep 18 j 01:03	0°♒		evening set	-4071 May 09 j 05:11	24°♌44'03	
	-4074 Oct 11 j 21:15	0°♓		inferior conj	-4071 May 15 j 14:24	20°♌57'47	0°21'33
	-4074 Nov 04 j 16:51	0°♎		minimum elong	-4071 May 15 j 15:11	20°♌56'33	0°21'22
morning set	-4074 Nov 15 j 14:25	13°♎41'34		min. Earth dist.	-4071 May 16 j 06:00	20°♌33'35	0.28743 AU
	-4074 Nov 28 j 14:40	0°♎		desc. node	-4071 May 17 j 03:34	20°♌00'16	
desc. node	-4074 Nov 30 j 09:32	2°♎14'09		morning rise	-4071 May 22 j 00:30	17°♌08'22	
	-4074 Dec 22 j 15:35	0°♏		direct	-4071 Jun 06 j 08:27	12°♌41'01	
				greatest brilliancy	-4071 Jun 20 j 22:35	16°♌22'40	-4.5m
superior conj	-4074 Dec 27 j 16:08	6°♏15'00	0°-57'-31		-4071 Jul 11 j 00:40	0°♏	
minimum elong	-4074 Dec 27 j 05:03	5°♏40'31	0°57'19	morning max el	-4071 Jul 25 j 22:20	13°♏38'52	46°20'04
max. Earth dist.	-4074 Dec 31 j 21:20	11°♏29'29	1.72222 AU		-4071 Aug 10 j 18:03	0°♐	
	-4073 Jan 15 j 19:30	0°♑			-4071 Sep 06 j 06:48	0°♑	
evening rise	-4073 Feb 05 j 09:29	25°♑26'07		asc. node	-4071 Sep 07 j 00:52	0°♑53'01	
	-4073 Feb 09 j 02:24	0°♑			-4071 Oct 01 j 07:15	0°♒	
	-4073 Mar 05 j 12:53	0°♋			-4071 Oct 25 j 15:47	0°♓	
asc. node	-4073 Mar 23 j 04:25	21°♋31'19			-4071 Nov 18 j 18:53	0°♎	
	-4073 Mar 30 j 03:57	0°♌			-4071 Dec 12 j 22:05	0°♎	
	-4073 Apr 24 j 00:56	0°♏		desc. node	-4071 Dec 27 j 21:48	18°♎34'41	
	-4073 May 19 j 05:48	0°♐			-4070 Jan 06 j 03:28	0°♏	
	-4073 Jun 13 j 22:56	0°♑			-4070 Jan 30 j 11:04	0°♑	
	-4073 Jul 10 j 15:28	0°♒		morning set	-4070 Jan 30 j 16:20	0°♑16'13	
desc. node	-4073 Jul 13 j 00:32	2°♒35'02			-4070 Feb 23 j 20:12	0°♑	
evening max el	-4073 Aug 02 j 12:10	23°♒54'03	47°03'21				
	-4073 Aug 08 j 20:00	0°♓		superior conj	-4070 Mar 09 j 17:41	17°♓04'24	-1°-16'-6
greatest brilliancy	-4073 Sep 11 j 01:38	23°♓58'17	-4.7m	minimum elong	-4070 Mar 10 j 00:29	17°♓25'15	1°16'07

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-4070 Mar 10 j 10:08	17° \approx 54'54	1.73576 AU			-4068 Jul 27 j 06:58	30° $\mathbb{R}\mathbb{I}$	
	-4070 Mar 20 j 06:19	0° \mathbb{H}		morning rise		-4068 Jul 29 j 18:59	28° $\mathbb{I}\mathbb{I}$ 30'43	
	-4070 Apr 13 j 17:05	0° \mathbb{Y}		direct		-4068 Aug 16 j 08:29	22° $\mathbb{I}\mathbb{I}$ 41'35	
evening rise	-4070 Apr 15 j 06:10	1° \mathbb{Y} 53'44		greatest brilliancy		-4068 Aug 30 j 08:49	26° $\mathbb{I}\mathbb{I}$ 14'36	-4.6m
asc. node	-4070 Apr 19 j 16:48	7° \mathbb{Y} 20'42				-4068 Sep 06 j 02:00	0° \mathbb{S}	
greatest brilliancy	-4070 Apr 27 j 15:59	17° \mathbb{Y} 06'46	-3.9m	asc. node		-4068 Oct 04 j 12:15	24° \mathbb{S} 20'30	
	-4070 May 08 j 04:22	0° \mathbb{B}		morning max el		-4068 Oct 06 j 01:43	25° \mathbb{S} 55'41	46°51'00
	-4070 Jun 01 j 16:21	0° \mathbb{I}				-4068 Oct 10 j 00:07	0° \mathbb{Q}	
	-4070 Jun 26 j 05:58	0° \mathbb{S}				-4068 Nov 05 j 23:57	0° \mathbb{M}	
	-4070 Jul 20 j 23:14	0° \mathbb{Q}				-4068 Dec 01 j 09:43	0° \mathbb{L}	
desc. node	-4070 Aug 09 j 12:25	23° \mathbb{Q} 29'02				-4068 Dec 26 j 07:22	0° \mathbb{M}	
	-4070 Aug 14 j 23:42	0° \mathbb{M}				-4067 Jan 20 j 01:40	0° \mathbb{J}	
	-4070 Sep 09 j 14:13	0° \mathbb{L}		desc. node		-4067 Jan 24 j 09:41	5° \mathbb{J} 15'23	
	-4070 Oct 06 j 12:52	0° \mathbb{M}				-4067 Feb 13 j 19:02	0° \mathbb{Z}	
evening max el	-4070 Oct 13 j 22:23	7° \mathbb{M} 43'12	47°31'30			-4067 Mar 10 j 11:20	0° \approx	
	-4070 Nov 07 j 07:45	0° \mathbb{J}				-4067 Apr 04 j 01:51	0° \mathbb{H}	
greatest brilliancy	-4070 Nov 20 j 14:09	8° \mathbb{J} 24'07	-4.7m	morning set		-4067 Apr 09 j 23:51	7° \mathbb{H} 13'53	
asc. node	-4070 Nov 30 j 08:59	11° \mathbb{J} 32'28				-4067 Apr 28 j 13:55	0° \mathbb{Y}	
retrograde	-4070 Dec 04 j 01:54	11° \mathbb{J} 49'08		max. Earth dist.		-4067 May 12 j 16:56	17° \mathbb{Y} 21'36	1.73450 AU
evening set	-4070 Dec 19 j 11:37	7° \mathbb{J} 01'51						
min. Earth dist.	-4070 Dec 23 j 22:28	4° \mathbb{J} 18'35	0.27638 AU	superior conj		-4067 May 15 j 19:38	21° \mathbb{Y} 11'38	0°-3'-18
inferior conj	-4070 Dec 25 j 00:35	3° \mathbb{J} 37'08	5°35'13	minimum elong		-4067 May 15 j 20:16	21° \mathbb{Y} 13'35	0°03'13
minimum elong	-4070 Dec 24 j 15:21	3° \mathbb{J} 51'47	5°32'58	behind sun begin		-4067 May 14 j 22:35	20° \mathbb{Y} 06'46	
morning rise	-4070 Dec 29 j 19:49	0° \mathbb{J} 39'34		behind sun end		-4067 May 16 j 17:58	22° \mathbb{Y} 20'25	
	-4070 Dec 30 j 23:41	30° $\mathbb{R}\mathbb{M}$		asc. node		-4067 May 17 j 05:15	22° \mathbb{Y} 55'09	
direct	-4069 Jan 14 j 17:16	25° \mathbb{M} 40'27				-4067 May 22 j 23:04	0° \mathbb{B}	
greatest brilliancy	-4069 Jan 25 j 07:41	27° \mathbb{M} 44'26	-4.6m			-4067 Jun 16 j 05:14	0° \mathbb{I}	
	-4069 Jan 30 j 10:03	0° \mathbb{J}		evening rise		-4067 Jun 20 j 10:48	5° \mathbb{I} 14'54	
morning max el	-4069 Mar 04 j 16:10	26° \mathbb{J} 00'03	45°59'42			-4067 Jul 10 j 09:09	0° \mathbb{S}	
	-4069 Mar 08 j 18:54	0° \mathbb{Z}				-4067 Aug 03 j 12:17	0° \mathbb{Q}	
desc. node	-4069 Mar 22 j 06:54	13° \mathbb{Z} 45'04				-4067 Aug 27 j 16:41	0° \mathbb{M}	
	-4069 Apr 06 j 09:58	0° \approx		desc. node		-4067 Sep 06 j 00:38	11° \mathbb{M} 31'59	
	-4069 May 03 j 01:34	0° \mathbb{H}				-4067 Sep 21 j 00:30	0° \mathbb{L}	
	-4069 May 28 j 17:31	0° \mathbb{Y}				-4067 Oct 15 j 14:32	0° \mathbb{M}	
	-4069 Jun 22 j 17:27	0° \mathbb{B}				-4067 Nov 09 j 16:29	0° \mathbb{J}	
asc. node	-4069 Jul 13 j 03:22	24° \mathbb{B} 58'43				-4067 Dec 05 j 21:18	0° \mathbb{Z}	
	-4069 Jul 17 j 05:00	0° \mathbb{I}		evening max el		-4067 Dec 23 j 19:09	18° \mathbb{Z} 57'21	46°17'39
	-4069 Aug 10 j 07:09	0° \mathbb{S}		asc. node		-4067 Dec 27 j 20:28	22° \mathbb{Z} 57'44	
greatest brilliancy	-4069 Aug 14 j 20:59	5° \mathbb{S} 44'21	-3.9m			-4066 Jan 04 j 08:38	0° \approx	
morning set	-4069 Aug 28 j 18:29	23° \mathbb{S} 13'17		greatest brilliancy		-4066 Jan 27 j 13:00	16° \approx 54'45	-4.5m
	-4069 Sep 03 j 03:26	0° \mathbb{Q}		retrograde		-4066 Feb 11 j 15:19	20° \approx 58'27	
	-4069 Sep 26 j 21:31	0° \mathbb{M}		evening set		-4066 Mar 01 j 05:14	14° \approx 59'02	
				inferior conj		-4066 Mar 05 j 00:51	12° \approx 35'07	7°47'19
superior conj	-4069 Oct 07 j 19:51	13° \mathbb{M} 48'02	0°54'13	minimum elong		-4066 Mar 05 j 06:27	12° \approx 26'11	7°46'41
minimum elong	-4069 Oct 08 j 07:09	14° \mathbb{M} 23'41	0°53'51	min. Earth dist.		-4066 Mar 05 j 03:20	12° \approx 31'09	0.29314 AU
max. Earth dist.	-4069 Oct 10 j 08:43	17° \mathbb{M} 00'01	1.70880 AU	morning rise		-4066 Mar 09 j 07:48	9° \approx 54'15	
	-4069 Oct 20 j 16:20	0° \mathbb{L}		direct		-4066 Mar 26 j 16:24	4° \approx 09'23	
desc. node	-4069 Nov 01 j 23:23	15° \mathbb{L} 27'29		greatest brilliancy		-4066 Apr 08 j 08:41	6° \approx 59'55	-4.5m
	-4069 Nov 13 j 13:39	0° \mathbb{M}		desc. node		-4066 Apr 18 j 18:13	12° \approx 39'13	
evening rise	-4069 Nov 19 j 10:03	7° \mathbb{M} 19'13				-4066 May 10 j 07:51	0° \mathbb{H}	
	-4069 Dec 07 j 14:14	0° \mathbb{J}		morning max el		-4066 May 14 j 13:59	3° \mathbb{H} 59'22	45°50'27
	-4069 Dec 31 j 18:48	0° \mathbb{Z}				-4066 Jun 08 j 22:20	0° \mathbb{Y}	
	-4068 Jan 25 j 04:59	0° \approx				-4066 Jul 05 j 14:37	0° \mathbb{B}	
	-4068 Feb 18 j 23:58	0° \mathbb{H}				-4066 Jul 30 j 22:42	0° \mathbb{I}	
asc. node	-4068 Feb 22 j 18:13	4° \mathbb{H} 29'51		asc. node		-4066 Aug 09 j 15:18	11° \mathbb{I} 45'35	
	-4068 Mar 15 j 08:42	0° \mathbb{Y}				-4066 Aug 24 j 11:30	0° \mathbb{S}	
	-4068 Apr 10 j 15:54	0° \mathbb{B}				-4066 Sep 17 j 12:47	0° \mathbb{Q}	
	-4068 May 08 j 19:23	0° \mathbb{I}				-4066 Oct 11 j 08:48	0° \mathbb{M}	
evening max el	-4068 May 17 j 08:00	8° \mathbb{I} 22'06	45°33'03			-4066 Nov 04 j 04:18	0° \mathbb{L}	
	-4068 Jun 12 j 12:44	0° \mathbb{S}		morning set		-4066 Nov 13 j 00:19	11° \mathbb{L} 06'14	
desc. node	-4068 Jun 13 j 15:06	0° \mathbb{S} 42'02				-4066 Nov 28 j 02:00	0° \mathbb{M}	
greatest brilliancy	-4068 Jun 24 j 02:36	6° \mathbb{S} 03'45	-4.5m	desc. node		-4066 Nov 29 j 11:39	1° \mathbb{M} 45'18	
retrograde	-4068 Jul 05 j 08:19	8° \mathbb{S} 19'03				-4066 Dec 22 j 02:49	0° \mathbb{J}	
evening set	-4068 Jul 22 j 05:50	2° \mathbb{S} 59'46						
inferior conj	-4068 Jul 26 j 08:21	0° \mathbb{S} 34'08	-8°-9'-11	superior conj		-4066 Dec 25 j 03:22	3° \mathbb{J} 45'46	0°-54'-44
minimum elong	-4068 Jul 26 j 00:32	0° \mathbb{S} 45'56	8°08'05	minimum elong		-4066 Dec 24 j 16:20	3° \mathbb{J} 11'27	0°54'31
min. Earth dist.	-4068 Jul 26 j 15:54	0° \mathbb{S} 22'44	0.27518 AU	max. Earth dist.		-4066 Dec 29 j 13:18	9° \mathbb{J} 15'08	1.72164 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4065 Jan 15 j 06:39	0°☾				-4063 Sep 05 j 21:18	0°☾	
evening rise	-4065 Feb 03 j 00:19	23°☾09'32		asc. node		-4063 Sep 06 j 03:04	0°☾17'00	
	-4065 Feb 08 j 13:33	0°≈				-4063 Sep 30 j 20:21	0°♌	
	-4065 Mar 05 j 00:09	0°♋				-4063 Oct 25 j 04:09	0°♍	
asc. node	-4065 Mar 22 j 06:34	21°♋03'04				-4063 Nov 18 j 06:49	0°♎	
	-4065 Mar 29 j 15:31	0°♏				-4063 Dec 12 j 09:41	0°♏	
	-4065 Apr 23 j 13:02	0°♐		desc. node		-4063 Dec 26 j 23:46	18°♏05'20	
	-4065 May 18 j 18:49	0°♑				-4062 Jan 05 j 14:48	0°♐	
	-4065 Jun 13 j 13:36	0°☾		morning set		-4062 Jan 28 j 06:02	27°♐56'17	
	-4065 Jul 10 j 09:28	0°♌				-4062 Jan 29 j 22:11	0°☾	
desc. node	-4065 Jul 12 j 02:33	1°♌50'53				-4062 Feb 23 j 07:10	0°≈	
evening max el	-4065 Jul 31 j 01:47	21°♌29'50	47°00'27					
	-4065 Aug 09 j 00:01	0°♍		superior conj		-4062 Mar 07 j 10:57	14°≈56'35	-1°-17'-22
greatest brilliancy	-4065 Sep 08 j 15:32	21°♍29'21	-4.7m	minimum elong		-4062 Mar 07 j 17:19	15°≈16'08	1°17'24
retrograde	-4065 Sep 19 j 08:14	23°♍36'36		max. Earth dist.		-4062 Mar 08 j 04:55	15°≈51'47	1.73547 AU
evening set	-4065 Oct 05 j 02:32	18°♍44'55				-4062 Mar 19 j 17:11	0°♋	
inferior conj	-4065 Oct 09 j 20:59	15°♍54'36	-5°-32'-39	evening rise		-4062 Apr 13 j 01:07	29°♋51'15	
minimum elong	-4065 Oct 10 j 07:19	15°♍38'52	5°29'58			-4062 Apr 13 j 03:58	0°♏	
min. Earth dist.	-4065 Oct 09 j 23:23	15°♍50'58	0.26406 AU	asc. node		-4062 Apr 18 j 18:59	6°♏53'54	
morning rise	-4065 Oct 15 j 12:09	12°♍36'36		greatest brilliancy		-4062 Apr 29 j 06:15	19°♏43'55	-3.9m
direct	-4065 Oct 30 j 03:58	8°♍20'24				-4062 May 07 j 15:25	0°♐	
asc. node	-4065 Nov 01 j 23:38	8°♍30'02				-4062 Jun 01 j 03:45	0°♑	
greatest brilliancy	-4065 Nov 11 j 03:41	11°♍03'29	-4.7m			-4062 Jun 25 j 17:54	0°☾	
	-4065 Dec 07 j 17:30	0°♎				-4062 Jul 20 j 11:57	0°♌	
morning max el	-4065 Dec 19 j 13:06	11°♎22'16	46°37'36	desc. node		-4062 Aug 08 j 14:31	22°♌54'57	
	-4064 Jan 06 j 06:51	0°♏				-4062 Aug 14 j 13:34	0°♍	
	-4064 Feb 02 j 02:03	0°♐				-4062 Sep 09 j 06:04	0°♎	
desc. node	-4064 Feb 21 j 21:34	22°♐54'03				-4062 Oct 06 j 09:20	0°♏	
	-4064 Feb 27 j 23:26	0°☾		evening max el		-4062 Oct 11 j 12:23	5°♏18'58	47°32'40
	-4064 Mar 24 j 09:39	0°≈				-4062 Nov 08 j 03:51	0°♐	
	-4064 Apr 18 j 11:53	0°♋		greatest brilliancy		-4062 Nov 18 j 06:53	6°♐04'02	-4.7m
	-4064 May 13 j 07:01	0°♏		asc. node		-4062 Nov 29 j 11:00	9°♐21'27	
	-4064 Jun 06 j 19:16	0°♐		retrograde		-4062 Dec 01 j 16:48	9°♐27'38	
asc. node	-4064 Jun 13 j 17:25	8°♐32'15		evening set		-4062 Dec 16 j 23:57	4°♐44'00	
morning set	-4064 Jun 15 j 19:19	11°♐06'25		min. Earth dist.		-4062 Dec 21 j 13:17	1°♐57'42	0.27563 AU
	-4064 Jul 01 j 01:00	0°♑		inferior conj		-4062 Dec 22 j 15:15	1°♐16'36	5°19'06
max. Earth dist.	-4064 Jul 18 j 08:09	21°♑35'04	1.71873 AU	minimum elong		-4062 Dec 22 j 06:08	1°♐31'02	5°16'47
						-4062 Dec 24 j 15:53	30°♏♏	
superior conj	-4064 Jul 22 j 13:23	26°♑51'50	1°14'32	morning rise		-4062 Dec 27 j 13:01	28°♏15'42	
minimum elong	-4064 Jul 22 j 05:49	26°♑28'10	1°14'33	direct		-4061 Jan 12 j 06:38	23°♏20'53	
	-4064 Jul 25 j 01:28	0°☾		greatest brilliancy		-4061 Jan 22 j 22:34	25°♏26'25	-4.6m
	-4064 Aug 17 j 22:51	0°♌				-4061 Feb 01 j 03:25	0°♐	
evening rise	-4064 Aug 29 j 17:29	14°♌48'15		morning max el		-4061 Mar 02 j 06:53	23°♐44'49	46°00'50
	-4064 Sep 10 j 19:40	0°♍				-4061 Mar 08 j 16:03	0°☾	
desc. node	-4064 Oct 03 j 13:04	28°♍29'33		desc. node		-4061 Mar 21 j 09:05	13°☾04'07	
	-4064 Oct 04 j 17:59	0°♎				-4061 Apr 06 j 01:24	0°≈	
	-4064 Oct 28 j 19:15	0°♏				-4061 May 02 j 14:46	0°♋	
	-4064 Nov 22 j 00:57	0°♐				-4061 May 28 j 05:36	0°♏	
	-4064 Dec 16 j 14:12	0°☾				-4061 Jun 22 j 04:57	0°♐	
	-4063 Jan 10 j 17:39	0°≈		asc. node		-4061 Jul 12 j 05:31	24°♐30'38	
asc. node	-4063 Jan 24 j 08:14	15°≈44'35				-4061 Jul 16 j 16:12	0°♑	
	-4063 Feb 06 j 01:25	0°♋				-4061 Aug 09 j 18:16	0°☾	
evening max el	-4063 Mar 04 j 16:07	27°♋36'23	45°10'55	greatest brilliancy		-4061 Aug 15 j 09:42	7°☾04'48	-3.9m
	-4063 Mar 07 j 04:42	0°♏		morning set		-4061 Aug 26 j 07:35	20°☾48'24	
greatest brilliancy	-4063 Apr 08 j 00:20	23°♏32'15	-4.5m			-4061 Sep 02 j 14:33	0°♌	
retrograde	-4063 Apr 21 j 20:07	26°♏51'24				-4061 Sep 26 j 08:39	0°♍	
evening set	-4063 May 06 j 22:10	22°♏33'11						
inferior conj	-4063 May 13 j 06:28	18°♏48'12	0°41'13	superior conj		-4061 Oct 05 j 05:31	11°♏11'55	0°57'11
minimum elong	-4063 May 13 j 07:59	18°♏45'51	0°40'50	minimum elong		-4061 Oct 05 j 16:54	11°♏47'53	0°56'50
min. Earth dist.	-4063 May 13 j 22:47	18°♏22'54	0.28786 AU	max. Earth dist.		-4061 Oct 07 j 13:33	14°♏08'44	1.70871 AU
desc. node	-4063 May 16 j 05:40	16°♏58'33				-4061 Oct 20 j 03:29	0°♎	
morning rise	-4063 May 19 j 17:02	14°♏57'46		desc. node		-4061 Nov 01 j 01:27	14°♎58'52	
direct	-4063 Jun 04 j 00:14	10°♏30'28				-4061 Nov 13 j 00:49	0°♏	
greatest brilliancy	-4063 Jun 18 j 15:10	14°♏12'09	-4.5m	evening rise		-4061 Nov 16 j 18:50	4°♏41'41	
	-4063 Jul 11 j 06:46	0°♐				-4061 Dec 07 j 01:27	0°♐	
morning max el	-4063 Jul 23 j 13:01	11°♐22'08	46°18'46			-4061 Dec 31 j 06:06	0°☾	
	-4063 Aug 10 j 11:48	0°♑				-4060 Jan 24 j 16:31	0°≈	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4060 Feb 18 j 11:59	0°𐌿			-4058 Jul 30 j 10:57	0°𐌹		
asc. node	-4060 Feb 21 j 20:24	4°𐌿00'14		asc. node	-4058 Aug 08 j 17:30	11°𐌹15'50		
	-4060 Mar 14 j 21:43	0°𐍂			-4058 Aug 23 j 23:09	0°𐍄		
	-4060 Apr 10 j 07:01	0°𐌸			-4058 Sep 17 j 00:08	0°𐌺		
	-4060 May 08 j 15:55	0°𐌹			-4058 Oct 10 j 20:00	0°𐌽		
evening max el	-4060 May 14 j 22:55	6°𐌹07'44	45°30'54		-4058 Nov 03 j 15:25	0°𐌷		
desc. node	-4060 Jun 12 j 17:06	29°𐌹19'06		morning set	-4058 Nov 10 j 10:07	8°𐌷31'27		
	-4060 Jun 13 j 21:07	0°𐍄			-4058 Nov 27 j 13:04	0°𐌾		
greatest brilliancy	-4060 Jun 21 j 12:17	3°𐍄40'39	-4.5m	desc. node	-4058 Nov 28 j 13:39	1°𐌾16'57		
retrograde	-4060 Jul 02 j 21:55	5°𐍄58'58			-4058 Dec 21 j 13:48	0°𐌶		
evening set	-4060 Jul 19 j 15:09	0°𐍄44'58						
	-4060 Jul 20 j 22:20	30°𐌹		superior conj	-4058 Dec 22 j 14:06	1°𐌶15'40	0°-51'-49	
inferior conj	-4060 Jul 23 j 21:43	28°𐌹13'20	-7°-59'-21	minimum elong	-4058 Dec 22 j 03:14	0°𐌶41'49	0°51'33	
minimum elong	-4060 Jul 23 j 13:20	28°𐌹26'00	7°58'05	max. Earth dist.	-4058 Dec 27 j 04:46	6°𐌶59'55	1.72104 AU	
min. Earth dist.	-4060 Jul 24 j 04:37	28°𐌹02'56	0.27564 AU		-4057 Jan 14 j 17:33	0°𐌴		
morning rise	-4060 Jul 27 j 11:17	26°𐌹05'42		evening rise	-4057 Jan 31 j 14:33	20°𐌴51'48		
direct	-4060 Aug 13 j 23:16	20°𐌹20'08			-4057 Feb 08 j 00:25	0°𐌶		
greatest brilliancy	-4060 Aug 27 j 23:54	23°𐌹53'57	-4.6m		-4057 Mar 04 j 11:07	0°𐌿		
	-4060 Sep 07 j 04:39	0°𐍄		asc. node	-4057 Mar 21 j 08:42	20°𐌿35'39		
morning max el	-4060 Oct 03 j 16:20	23°𐍄33'08	46°50'26		-4057 Mar 29 j 02:47	0°𐍂		
asc. node	-4060 Oct 03 j 14:28	23°𐍄28'22			-4057 Apr 23 j 00:51	0°𐌸		
	-4060 Oct 09 j 20:53	0°𐌺			-4057 May 18 j 07:37	0°𐌹		
	-4060 Nov 05 j 15:45	0°𐌽			-4057 Jun 13 j 04:06	0°𐍄		
	-4060 Nov 30 j 23:30	0°𐌷			-4057 Jul 10 j 03:30	0°𐌺		
	-4060 Dec 25 j 20:02	0°𐌾		desc. node	-4057 Jul 11 j 04:47	1°𐌺07'45		
	-4059 Jan 19 j 13:37	0°𐌶		evening max el	-4057 Jul 28 j 14:31	19°𐌺04'38	46°57'33	
desc. node	-4059 Jan 23 j 11:53	4°𐌶46'08			-4057 Aug 09 j 05:20	0°𐌽		
	-4059 Feb 13 j 06:28	0°𐌴		greatest brilliancy	-4057 Sep 06 j 06:06	19°𐌽02'44	-4.7m	
	-4059 Mar 09 j 22:24	0°𐌶		retrograde	-4057 Sep 16 j 19:41	21°𐌽06'57		
	-4059 Apr 03 j 12:40	0°𐌿		evening set	-4057 Oct 02 j 17:56	16°𐌽11'24		
morning set	-4059 Apr 07 j 18:27	5°𐌿10'58		inferior conj	-4057 Oct 07 j 09:09	13°𐌽25'45	-5°-51'-36	
	-4059 Apr 28 j 00:38	0°𐍂		minimum elong	-4057 Oct 07 j 19:42	13°𐌽09'39	5°48'57	
max. Earth dist.	-4059 May 10 j 15:11	15°𐍂29'26	1.73480 AU	min. Earth dist.	-4057 Oct 07 j 12:46	13°𐌽20'13	0.26418 AU	
				morning rise	-4057 Oct 12 j 21:27	10°𐌽11'19		
superior conj	-4059 May 13 j 14:38	19°𐍂09'20	0°-6'-20	direct	-4057 Oct 27 j 15:59	5°𐌽51'27		
minimum elong	-4059 May 13 j 15:51	19°𐍂13'06	0°06'14	asc. node	-4057 Nov 01 j 01:38	6°𐌽14'36		
behind sun begin	-4059 May 12 j 19:24	18°𐍂10'07		greatest brilliancy	-4057 Nov 08 j 17:58	8°𐌽36'17	-4.7m	
behind sun end	-4059 May 14 j 12:19	20°𐍂16'06			-4057 Dec 07 j 22:00	0°𐌷		
asc. node	-4059 May 16 j 07:16	22°𐍂28'22		morning max el	-4057 Dec 17 j 01:10	8°𐌷53'55	46°38'40	
	-4059 May 22 j 09:47	0°𐌸			-4056 Jan 06 j 00:43	0°𐌾		
	-4059 Jun 15 j 16:03	0°𐌹			-4056 Feb 01 j 16:34	0°𐌶		
evening rise	-4059 Jun 18 j 05:33	3°𐌹10'35		desc. node	-4056 Feb 20 j 23:42	22°𐌶21'48		
	-4059 Jul 09 j 20:09	0°𐍄			-4056 Feb 27 j 12:18	0°𐌴		
	-4059 Aug 02 j 23:35	0°𐌺			-4056 Mar 23 j 21:34	0°𐌶		
	-4059 Aug 27 j 04:23	0°𐌽			-4056 Apr 17 j 23:13	0°𐌿		
desc. node	-4059 Sep 05 j 02:50	11°𐌽02'04			-4056 May 12 j 18:00	0°𐍂		
	-4059 Sep 20 j 12:44	0°𐌷			-4056 Jun 06 j 06:05	0°𐌸		
	-4059 Oct 15 j 03:32	0°𐌾		asc. node	-4056 Jun 12 j 19:30	8°𐌸05'21		
	-4059 Nov 09 j 06:47	0°𐌶		morning set	-4056 Jun 13 j 13:07	8°𐌸59'44		
	-4059 Dec 05 j 14:28	0°𐌴			-4056 Jun 30 j 11:47	0°𐌹		
evening max el	-4059 Dec 21 j 11:29	16°𐌴44'21	46°20'50	max. Earth dist.	-4056 Jul 15 j 23:10	19°𐌹18'05	1.71938 AU	
asc. node	-4059 Dec 26 j 22:38	22°𐌴06'54						
	-4058 Jan 04 j 12:26	0°𐌶		superior conj	-4056 Jul 20 j 05:40	24°𐌹38'40	1°12'56	
greatest brilliancy	-4058 Jan 25 j 07:35	14°𐌶48'07	-4.5m	minimum elong	-4056 Jul 19 j 21:46	24°𐌹13'54	1°12'56	
retrograde	-4058 Feb 09 j 08:38	18°𐌶50'06			-4056 Jul 24 j 12:19	0°𐍄		
evening set	-4058 Feb 26 j 23:44	12°𐌶48'29			-4056 Aug 17 j 09:50	0°𐌺		
inferior conj	-4058 Mar 02 j 17:49	10°𐌶26'33	7°53'27	evening rise	-4056 Aug 27 j 06:02	12°𐌺22'13		
minimum elong	-4058 Mar 02 j 22:51	10°𐌶18'30	7°52'54		-4056 Sep 10 j 06:47	0°𐌽		
min. Earth dist.	-4058 Mar 02 j 18:44	10°𐌶25'04	0.29292 AU	desc. node	-4056 Oct 02 j 15:08	28°𐌽00'44		
morning rise	-4058 Mar 06 j 22:09	7°𐌶49'27			-4056 Oct 04 j 05:16	0°𐌷		
direct	-4058 Mar 24 j 09:26	2°𐌶01'30			-4056 Oct 28 j 06:43	0°𐌾		
greatest brilliancy	-4058 Apr 05 j 21:29	4°𐌶48'00	-4.5m		-4056 Nov 21 j 12:43	0°𐌶		
desc. node	-4058 Apr 17 j 20:21	11°𐌶27'28			-4056 Dec 16 j 02:31	0°𐌴		
	-4058 May 10 j 07:21	0°𐌿			-4055 Jan 10 j 07:03	0°𐌶		
morning max el	-4058 May 12 j 06:06	1°𐌿50'34	45°49'58	asc. node	-4055 Jan 23 j 10:26	15°𐌶09'59		
	-4058 Jun 08 j 14:13	0°𐍂			-4055 Feb 05 j 17:16	0°𐌿		
	-4058 Jul 05 j 04:01	0°𐌸		evening max el	-4055 Mar 02 j 06:38	25°𐌿23'11	45°12'00	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4055 Mar 07 j 04:30	0°Υ				-4053 Sep 02 j 01:40	0°Ω	
greatest brilliancy	-4055 Apr 05 j 13:33	21°Υ20'41	-4.5m			-4053 Sep 25 j 19:48	0°η	
retrograde	-4055 Apr 19 j 12:08	24°Υ43'33						
evening set	-4055 May 04 j 15:25	20°Υ22'54		superior conj	-4053 Oct 02 j 15:24	8°η36'21	1°00'00	
inferior conj	-4055 May 10 j 22:40	16°Υ39'24	1°00'37	minimum elong	-4053 Oct 03 j 02:47	9°η12'18	0°59'42	
minimum elong	-4055 May 11 j 00:53	16°Υ35'59	1°00'02	max. Earth dist.	-4053 Oct 04 j 20:07	11°η22'44	1.70867 AU	
min. Earth dist.	-4055 May 11 j 15:27	16°Υ13'23	0.28828 AU		-4053 Oct 19 j 14:42	0°♄		
desc. node	-4055 May 15 j 07:40	13°Υ59'20		desc. node	-4053 Oct 31 j 03:28	14°♄29'53		
morning rise	-4055 May 17 j 09:34	12°Υ48'26			-4053 Nov 12 j 12:05	0°♍		
direct	-4055 Jun 01 j 16:16	8°Υ20'43		evening rise	-4053 Nov 14 j 03:37	2°♍03'45		
greatest brilliancy	-4055 Jun 16 j 08:28	12°Υ03'32	-4.5m		-4053 Dec 06 j 12:46	0°♎		
	-4055 Jul 11 j 10:37	0°♎			-4053 Dec 30 j 17:30	0°♏		
morning max el	-4055 Jul 21 j 04:36	9°♎08'31	46°17'27		-4052 Jan 24 j 04:07	0°♐		
	-4055 Aug 10 j 04:56	0°♐			-4052 Feb 18 j 00:04	0°♑		
asc. node	-4055 Sep 05 j 05:10	29°♐41'25		asc. node	-4052 Feb 20 j 22:31	3°♑30'10		
	-4055 Sep 05 j 11:28	0°♑			-4052 Mar 14 j 10:52	0°Υ		
	-4055 Sep 30 j 09:13	0°Ω			-4052 Apr 09 j 22:27	0°♎		
	-4055 Oct 24 j 16:20	0°η			-4052 May 08 j 13:22	0°♐		
	-4055 Nov 17 j 18:32	0°♄		evening max el	-4052 May 12 j 14:15	3°♐54'05	45°28'40	
	-4055 Dec 11 j 21:04	0°♍		desc. node	-4052 Jun 11 j 19:22	27°♐53'18		
desc. node	-4055 Dec 26 j 01:58	17°♍37'19			-4052 Jun 15 j 21:29	0°♑		
	-4054 Jan 05 j 01:56	0°♎		greatest brilliancy	-4052 Jun 18 j 23:20	1°♑18'50	-4.5m	
morning set	-4054 Jan 25 j 19:45	25°♎36'46		retrograde	-4052 Jun 30 j 11:20	3°♑38'38		
	-4054 Jan 29 j 09:08	0°♏			-4052 Jul 14 j 05:47	30°♒♐		
	-4054 Feb 22 j 18:00	0°♐		evening set	-4052 Jul 17 j 00:40	28°♐30'18		
				inferior conj	-4052 Jul 21 j 11:14	25°♐52'39	-7°-48'-48	
superior conj	-4054 Mar 05 j 04:08	12°♐48'49	-1°-18'-31	minimum elong	-4052 Jul 21 j 02:21	26°♐06'05	7°47'22	
minimum elong	-4054 Mar 05 j 10:01	13°♐06'53	1°18'35	min. Earth dist.	-4052 Jul 21 j 17:45	25°♐42'47	0.27607 AU	
max. Earth dist.	-4054 Mar 05 j 23:26	13°♐48'07	1.73522 AU	morning rise	-4052 Jul 25 j 03:49	23°♐40'25		
	-4054 Mar 19 j 03:57	0°♑		direct	-4052 Aug 11 j 14:00	17°♐58'53		
evening rise	-4054 Apr 10 j 19:55	27°♑48'39		greatest brilliancy	-4052 Aug 25 j 14:02	21°♐31'54	-4.6m	
	-4054 Apr 12 j 14:47	0°Υ			-4052 Sep 08 j 00:22	0°♑		
asc. node	-4054 Apr 17 j 20:59	6°Υ26'46		morning max el	-4052 Oct 01 j 06:13	21°♑08'26	46°49'45	
	-4054 May 07 j 02:24	0°♎		asc. node	-4052 Oct 02 j 16:32	22°♑36'25		
	-4054 May 31 j 15:05	0°♐			-4052 Oct 09 j 17:07	0°Ω		
	-4054 Jun 25 j 05:48	0°♑			-4052 Nov 05 j 07:28	0°η		
	-4054 Jul 20 j 00:39	0°Ω			-4052 Nov 30 j 13:20	0°♄		
desc. node	-4054 Aug 07 j 16:40	22°Ω21'04			-4052 Dec 25 j 08:50	0°♍		
	-4054 Aug 14 j 03:29	0°η			-4051 Jan 19 j 01:44	0°♎		
	-4054 Sep 08 j 22:07	0°♄		desc. node	-4051 Jan 22 j 13:59	4°♎16'00		
	-4054 Oct 06 j 06:26	0°♍			-4051 Feb 12 j 18:04	0°♏		
evening max el	-4054 Oct 09 j 03:18	2°♍57'16	47°33'44		-4051 Mar 09 j 09:37	0°♐		
	-4054 Nov 09 j 07:09	0°♎			-4051 Apr 02 j 23:39	0°♑		
greatest brilliancy	-4054 Nov 15 j 23:15	3°♎43'35	-4.7m	morning set	-4051 Apr 05 j 13:17	3°♑08'18		
asc. node	-4054 Nov 28 j 13:09	7°♎05'30			-4051 Apr 27 j 11:31	0°Υ		
retrograde	-4054 Nov 29 j 08:13	7°♎06'17		max. Earth dist.	-4051 May 08 j 12:43	13°Υ34'35	1.73511 AU	
evening set	-4054 Dec 14 j 12:27	2°♎26'00						
	-4054 Dec 18 j 13:19	30°♒♍		superior conj	-4051 May 11 j 09:50	17°Υ07'12	0°-9'-20	
min. Earth dist.	-4054 Dec 19 j 03:49	29°♒37'13	0.27485 AU	minimum elong	-4051 May 11 j 11:39	17°Υ12'47	0°09'13	
inferior conj	-4054 Dec 20 j 05:53	28°♒56'06	5°02'21	behind sun begin	-4051 May 10 j 17:33	16°Υ17'04		
minimum elong	-4054 Dec 19 j 20:58	29°♒10'11	5°00'00	behind sun end	-4051 May 12 j 05:46	18°Υ08'30		
morning rise	-4054 Dec 25 j 06:13	25°♒52'05		asc. node	-4051 May 15 j 09:25	22°Υ01'25		
direct	-4053 Jan 09 j 20:26	21°♒01'30			-4051 May 21 j 20:42	0°♎		
greatest brilliancy	-4053 Jan 20 j 12:34	23°♒07'48	-4.6m		-4051 Jun 15 j 03:07	0°♐		
	-4053 Feb 02 j 07:49	0°♎		evening rise	-4051 Jun 16 j 00:26	1°♐06'03		
morning max el	-4053 Feb 27 j 22:18	21°♎31'38	46°01'54		-4051 Jul 09 j 07:26	0°♑		
	-4053 Mar 08 j 12:22	0°♏			-4051 Aug 02 j 11:10	0°Ω		
desc. node	-4053 Mar 20 j 11:10	12°♏23'39			-4051 Aug 26 j 16:22	0°η		
	-4053 Apr 05 j 16:32	0°♐		desc. node	-4051 Sep 04 j 04:51	10°η30'51		
	-4053 May 02 j 03:52	0°♑			-4051 Sep 20 j 01:16	0°♄		
	-4053 May 27 j 17:40	0°Υ			-4051 Oct 14 j 16:52	0°♍		
	-4053 Jun 21 j 16:28	0°♎			-4051 Nov 08 j 21:29	0°♎		
asc. node	-4053 Jul 11 j 07:44	24°♎02'41			-4051 Dec 05 j 08:18	0°♏		
	-4053 Jul 16 j 03:26	0°♐		evening max el	-4051 Dec 19 j 03:12	14°♏28'36	46°23'54	
	-4053 Aug 09 j 05:23	0°♑		asc. node	-4051 Dec 26 j 00:52	21°♏14'23		
greatest brilliancy	-4053 Aug 15 j 15:50	8°♑04'33	-3.9m		-4050 Jan 04 j 18:36	0°♐		
morning set	-4053 Aug 23 j 20:54	18°♑24'16		greatest brilliancy	-4050 Jan 23 j 02:39	12°♐40'55	-4.5m	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

retrograde	-4050 Feb 07 j 01:37	16° \approx 40'45		superior conj	-4048 Jul 17 j 22:18	22° Π 25'43	1°11'15
evening set	-4050 Feb 24 j 18:08	10° \approx 37'19		minimum elong	-4048 Jul 17 j 14:05	22° Π 00'03	1°11'13
inferior conj	-4050 Feb 28 j 10:49	8° \approx 17'12	7°58'59		-4048 Jul 23 j 23:27	0° Ξ	
minimum elong	-4050 Feb 28 j 15:16	8° \approx 10'04	7°58'31		-4048 Aug 16 j 21:07	0° Ω	
min. Earth dist.	-4050 Feb 28 j 10:31	8° \approx 17'41	0.29265 AU	evening rise	-4048 Aug 24 j 18:57	9° Ω 56'22	
morning rise	-4050 Mar 04 j 12:37	5° \approx 43'37			-4048 Sep 09 j 18:16	0° \mathbb{M}	
	-4050 Mar 19 j 14:55	30° \mathbb{R} Ξ		desc. node	-4048 Oct 01 j 17:11	27° \mathbb{M} 30'40	
direct	-4050 Mar 22 j 01:58	29° Ξ 52'52			-4048 Oct 03 j 16:57	0° $\underline{\mathbf{A}}$	
	-4050 Mar 24 j 13:46	0° \approx			-4048 Oct 27 j 18:38	0° \mathbb{M}	
greatest brilliancy	-4050 Apr 03 j 10:24	2° \approx 35'22	-4.5m		-4048 Nov 21 j 00:57	0° \mathcal{A}	
desc. node	-4050 Apr 16 j 22:22	10° \approx 16'44			-4048 Dec 15 j 15:18	0° Ξ	
morning max el	-4050 May 09 j 21:24	29° \approx 39'07	45°49'37		-4047 Jan 09 j 20:57	0° \approx	
	-4050 May 10 j 06:09	0° \mathcal{H}		asc. node	-4047 Jan 22 j 12:31	14° \approx 33'38	
	-4050 Jun 08 j 06:07	0° \mathcal{Y}			-4047 Feb 05 j 09:50	0° \mathcal{H}	
	-4050 Jul 04 j 17:36	0° \mathcal{B}		evening max el	-4047 Feb 27 j 21:46	23° \mathcal{H} 10'21	45°13'12
	-4050 Jul 29 j 23:29	0° Π			-4047 Mar 07 j 06:01	0° \mathcal{Y}	
asc. node	-4050 Aug 07 j 19:35	10° Π 44'40		greatest brilliancy	-4047 Apr 03 j 02:32	19° \mathcal{Y} 07'45	-4.5m
	-4050 Aug 23 j 11:08	0° Ξ		retrograde	-4047 Apr 17 j 04:35	22° \mathcal{Y} 34'31	
	-4050 Sep 16 j 11:50	0° Ω		evening set	-4047 May 02 j 08:46	18° \mathcal{Y} 11'21	
	-4050 Oct 10 j 07:33	0° \mathbb{M}		inferior conj	-4047 May 08 j 14:47	14° \mathcal{Y} 29'22	1°20'03
	-4050 Nov 03 j 02:53	0° $\underline{\mathbf{A}}$		minimum elong	-4047 May 08 j 17:41	14° \mathcal{Y} 24'53	1°19'15
morning set	-4050 Nov 07 j 19:45	5° $\underline{\mathbf{A}}$ 55'00		min. Earth dist.	-4047 May 09 j 07:45	14° \mathcal{Y} 03'05	0.28866 AU
	-4050 Nov 27 j 00:26	0° \mathbb{M}		desc. node	-4047 May 14 j 09:57	11° \mathcal{Y} 00'20	
desc. node	-4050 Nov 27 j 15:51	0° \mathbb{M} 48'14		morning rise	-4047 May 15 j 01:53	10° \mathcal{Y} 38'15	
				direct	-4047 May 30 j 08:36	6° \mathcal{Y} 09'51	
superior conj	-4050 Dec 20 j 00:36	28° \mathbb{M} 43'48	0°-48'-45	greatest brilliancy	-4047 Jun 14 j 01:28	9° \mathcal{Y} 53'44	-4.5m
minimum elong	-4050 Dec 19 j 13:58	28° \mathbb{M} 10'41	0°48'30		-4047 Jul 11 j 13:14	0° \mathcal{B}	
	-4050 Dec 21 j 01:05	0° \mathcal{A}		morning max el	-4047 Jul 18 j 21:06	6° \mathcal{B} 56'36	46°16'17
max. Earth dist.	-4050 Dec 24 j 19:03	4° \mathcal{A} 39'57	1.72044 AU		-4047 Aug 09 j 22:00	0° Π	
	-4049 Jan 14 j 04:47	0° Ξ		asc. node	-4047 Sep 04 j 07:18	29° Π 05'33	
evening rise	-4049 Jan 29 j 04:34	18° Ξ 32'12			-4047 Sep 05 j 01:43	0° Ξ	
	-4049 Feb 07 j 11:41	0° \approx			-4047 Sep 29 j 22:15	0° Ω	
	-4049 Mar 03 j 22:29	0° \mathcal{H}			-4047 Oct 24 j 04:44	0° \mathbb{M}	
asc. node	-4049 Mar 20 j 10:45	20° \mathcal{H} 06'55			-4047 Nov 17 j 06:33	0° $\underline{\mathbf{A}}$	
	-4049 Mar 28 j 14:26	0° \mathcal{Y}			-4047 Dec 11 j 08:47	0° \mathbb{M}	
	-4049 Apr 22 j 13:03	0° \mathcal{B}		desc. node	-4047 Dec 25 j 04:06	17° \mathbb{M} 08'01	
	-4049 May 17 j 20:48	0° Π			-4046 Jan 04 j 13:25	0° \mathcal{A}	
	-4049 Jun 12 j 19:06	0° Ξ		morning set	-4046 Jan 23 j 08:50	23° \mathcal{A} 14'12	
	-4049 Jul 09 j 22:24	0° Ω			-4046 Jan 28 j 20:24	0° Ξ	
desc. node	-4049 Jul 10 j 06:52	0° Ω 22'33			-4046 Feb 22 j 05:07	0° \approx	
evening max el	-4049 Jul 26 j 02:15	16° Ω 35'53	46°54'24				
	-4049 Aug 09 j 13:28	0° \mathbb{M}		superior conj	-4046 Mar 02 j 20:51	10° \approx 38'42	-1°-19'-34
greatest brilliancy	-4049 Sep 03 j 20:27	16° \mathbb{M} 34'06	-4.7m	minimum elong	-4046 Mar 03 j 02:12	10° \approx 55'09	1°19'39
retrograde	-4049 Sep 14 j 06:50	18° \mathbb{M} 35'38		max. Earth dist.	-4046 Mar 03 j 18:58	11° \approx 46'40	1.73494 AU
evening set	-4049 Sep 30 j 09:11	13° \mathbb{M} 35'40			-4046 Mar 18 j 15:00	0° \mathcal{H}	
inferior conj	-4049 Oct 04 j 21:07	10° \mathbb{M} 55'01	-6°-9'-59	evening rise	-4046 Apr 08 j 14:34	25° \mathcal{H} 44'42	
minimum elong	-4049 Oct 05 j 07:49	10° \mathbb{M} 38'42	6°07'24		-4046 Apr 12 j 01:53	0° \mathcal{Y}	
min. Earth dist.	-4049 Oct 05 j 02:06	10° \mathbb{M} 47'25	0.26436 AU	asc. node	-4046 Apr 16 j 23:10	5° \mathcal{Y} 59'19	
morning rise	-4049 Oct 10 j 06:21	7° \mathbb{M} 44'42			-4046 May 06 j 13:42	0° \mathcal{B}	
direct	-4049 Oct 25 j 03:36	3° \mathbb{M} 20'18			-4046 May 31 j 02:44	0° Π	
asc. node	-4049 Oct 31 j 03:51	4° \mathbb{M} 02'54			-4046 Jun 24 j 17:58	0° Ξ	
greatest brilliancy	-4049 Nov 06 j 08:53	6° \mathbb{M} 08'09	-4.7m		-4046 Jul 19 j 13:34	0° Ω	
	-4049 Dec 08 j 01:24	0° $\underline{\mathbf{A}}$		desc. node	-4046 Aug 06 j 18:43	21° Ω 46'20	
morning max el	-4049 Dec 14 j 13:30	6° $\underline{\mathbf{A}}$ 24'42	46°39'53		-4046 Aug 13 j 17:38	0° \mathbb{M}	
	-4048 Jan 05 j 18:38	0° \mathbb{M}			-4046 Sep 08 j 14:32	0° $\underline{\mathbf{A}}$	
	-4048 Feb 01 j 07:17	0° \mathcal{A}			-4046 Oct 06 j 04:27	0° \mathbb{M}	
desc. node	-4048 Feb 20 j 01:44	21° \mathcal{A} 48'23		evening max el	-4046 Oct 06 j 19:01	0° \mathbb{M} 37'11	47°34'31
	-4048 Feb 27 j 01:26	0° Ξ			-4046 Nov 10 j 22:52	0° \mathcal{A}	
	-4048 Mar 23 j 09:48	0° \approx		greatest brilliancy	-4046 Nov 13 j 15:26	1° \mathcal{A} 21'53	-4.7m
	-4048 Apr 17 j 10:53	0° \mathcal{H}		retrograde	-4046 Nov 26 j 23:45	4° \mathcal{A} 43'17	
	-4048 May 12 j 05:20	0° \mathcal{Y}		asc. node	-4046 Nov 27 j 15:25	4° \mathcal{A} 42'44	
	-4048 Jun 05 j 17:12	0° \mathcal{B}		evening set	-4046 Dec 12 j 00:54	0° \mathcal{A} 06'19	
morning set	-4048 Jun 11 j 07:17	6° \mathcal{B} 53'20			-4046 Dec 12 j 05:21	30° \mathbb{R} \mathbb{M}	
asc. node	-4048 Jun 11 j 21:45	7° \mathcal{B} 38'00		min. Earth dist.	-4046 Dec 16 j 18:03	27° \mathbb{M} 15'11	0.27411 AU
	-4048 Jun 29 j 22:51	0° Π		inferior conj	-4046 Dec 17 j 20:16	26° \mathbb{M} 33'54	4°44'40
max. Earth dist.	-4048 Jul 13 j 16:45	17° Π 08'15	1.72002 AU	minimum elong	-4046 Dec 17 j 11:38	26° \mathbb{M} 47'31	4°42'19
				morning rise	-4046 Dec 22 j 23:12	23° \mathbb{M} 26'47	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

direct	-4045 Jan 07 j 10:30	18° \mathbb{M} 40'34			-4043 May 21 j 07:32	0° \mathcal{B}	
greatest brilliancy	-4045 Jan 18 j 01:48	20° \mathbb{M} 46'49	-4.6m	evening rise	-4043 Jun 13 j 19:11	29° \mathcal{B} 01'31	
	-4045 Feb 03 j 05:07	0° \mathcal{A}			-4043 Jun 14 j 14:04	0° \mathbb{I}	
morning max el	-4045 Feb 25 j 13:46	19° \mathcal{A} 17'31	46°02'55		-4043 Jul 08 j 18:37	0° \mathcal{S}	
	-4045 Mar 08 j 08:24	0° \mathcal{Z}			-4043 Aug 01 j 22:40	0° \mathcal{Q}	
desc. node	-4045 Mar 19 j 13:18	11° \mathcal{Z} 42'58			-4043 Aug 26 j 04:17	0° \mathbb{M}	
	-4045 Apr 05 j 07:44	0° \approx		desc. node	-4043 Sep 03 j 06:57	10° \mathbb{M} 00'08	
	-4045 May 01 j 17:03	0° \mathcal{H}			-4043 Sep 19 j 13:43	0° \mathcal{L}	
	-4045 May 27 j 05:51	0° \mathcal{Y}			-4043 Oct 14 j 06:04	0° \mathbb{M}	
	-4045 Jun 21 j 04:06	0° \mathcal{B}			-4043 Nov 08 j 12:03	0° \mathcal{A}	
asc. node	-4045 Jul 10 j 09:44	23° \mathcal{B} 33'41			-4043 Dec 05 j 02:10	0° \mathcal{Z}	
	-4045 Jul 15 j 14:47	0° \mathbb{I}		evening max el	-4043 Dec 16 j 18:02	12° \mathcal{Z} 11'29	46°26'59
	-4045 Aug 08 j 16:37	0° \mathcal{S}		asc. node	-4043 Dec 25 j 02:54	20° \mathcal{Z} 21'22	
greatest brilliancy	-4045 Aug 15 j 22:52	9° \mathcal{S} 06'50	-3.9m		-4042 Jan 05 j 02:37	0° \approx	
morning set	-4045 Aug 21 j 10:40	16° \mathcal{S} 01'18		greatest brilliancy	-4042 Jan 20 j 20:46	10° \approx 33'20	-4.6m
	-4045 Sep 01 j 12:51	0° \mathcal{Q}		retrograde	-4042 Feb 04 j 18:23	14° \approx 32'30	
	-4045 Sep 25 j 06:59	0° \mathbb{M}		evening set	-4042 Feb 22 j 12:23	8° \approx 27'28	
				inferior conj	-4042 Feb 26 j 03:58	6° \approx 08'55	8°03'45
superior conj	-4045 Sep 30 j 01:54	6° \mathbb{M} 02'42	1°02'40	minimum elong	-4042 Feb 26 j 07:49	6° \approx 02'45	8°03'22
minimum elong	-4045 Sep 30 j 13:10	6° \mathbb{M} 38'16	1°02'22	min. Earth dist.	-4042 Feb 26 j 02:43	6° \approx 10'56	0.29241 AU
max. Earth dist.	-4045 Oct 02 j 03:03	8° \mathbb{M} 37'47	1.70860 AU	morning rise	-4042 Mar 02 j 03:24	3° \approx 38'36	
	-4045 Oct 19 j 01:55	0° \mathcal{L}			-4042 Mar 09 j 02:27	30° \mathcal{R} \mathcal{Z}	
desc. node	-4045 Oct 30 j 05:41	14° \mathcal{L} 01'32		direct	-4042 Mar 19 j 18:11	27° \mathcal{Z} 45'04	
evening rise	-4045 Nov 11 j 12:36	29° \mathcal{L} 26'17			-4042 Mar 30 j 23:26	0° \approx	
	-4045 Nov 11 j 23:22	0° \mathbb{M}		greatest brilliancy	-4042 Apr 01 j 00:31	0° \approx 24'51	-4.5m
	-4045 Dec 06 j 00:07	0° \mathcal{A}		desc. node	-4042 Apr 16 j 00:38	9° \approx 09'02	
	-4045 Dec 30 j 04:58	0° \mathcal{Z}		morning max el	-4042 May 07 j 12:35	27° \approx 27'54	45°49'17
	-4044 Jan 23 j 15:51	0° \approx			-4042 May 10 j 03:51	0° \mathcal{H}	
	-4044 Feb 17 j 12:21	0° \mathcal{H}			-4042 Jun 07 j 21:36	0° \mathcal{Y}	
asc. node	-4044 Feb 20 j 00:35	2° \mathcal{H} 59'34			-4042 Jul 04 j 06:51	0° \mathcal{B}	
	-4044 Mar 14 j 00:16	0° \mathcal{Y}			-4042 Jul 29 j 11:42	0° \mathbb{I}	
	-4044 Apr 09 j 14:14	0° \mathcal{B}		asc. node	-4042 Aug 06 j 21:42	10° \mathbb{I} 14'29	
	-4044 May 08 j 11:46	0° \mathbb{I}			-4042 Aug 22 j 22:50	0° \mathcal{S}	
evening max el	-4044 May 10 j 05:06	1° \mathbb{I} 39'01	45°26'29		-4042 Sep 15 j 23:16	0° \mathcal{Q}	
desc. node	-4044 Jun 10 j 21:28	26° \mathbb{I} 24'01			-4042 Oct 09 j 18:51	0° \mathbb{M}	
greatest brilliancy	-4044 Jun 16 j 11:12	28° \mathbb{I} 57'50	-4.5m		-4042 Nov 02 j 14:04	0° \mathcal{L}	
	-4044 Jun 19 j 11:53	0° \mathcal{S}		morning set	-4042 Nov 05 j 05:28	3° \mathcal{L} 19'27	
retrograde	-4044 Jun 28 j 00:05	1° \mathcal{S} 18'14			-4042 Nov 26 j 11:32	0° \mathbb{M}	
	-4044 Jul 06 j 04:23	30° \mathcal{R} \mathbb{I}		desc. node	-4042 Nov 26 j 17:56	0° \mathbb{M} 20'02	
evening set	-4044 Jul 14 j 10:14	26° \mathbb{I} 15'34					
inferior conj	-4044 Jul 19 j 00:44	23° \mathbb{I} 32'05	-7°-37'-30	superior conj	-4042 Dec 17 j 11:17	26° \mathbb{M} 13'22	0°-45'-36
minimum elong	-4044 Jul 18 j 15:26	23° \mathbb{I} 46'12	7°35'54	minimum elong	-4042 Dec 17 j 00:58	25° \mathbb{M} 41'16	0°45'21
min. Earth dist.	-4044 Jul 19 j 07:20	23° \mathbb{I} 22'04	0.27648 AU		-4042 Dec 20 j 12:03	0° \mathcal{A}	
morning rise	-4044 Jul 22 j 20:23	21° \mathbb{I} 15'04		max. Earth dist.	-4042 Dec 22 j 07:15	2° \mathcal{A} 14'28	1.71978 AU
direct	-4044 Aug 09 j 04:19	15° \mathbb{I} 37'39			-4041 Jan 13 j 15:40	0° \mathcal{Z}	
greatest brilliancy	-4044 Aug 23 j 04:15	19° \mathbb{I} 09'51	-4.6m	evening rise	-4041 Jan 26 j 18:46	16° \mathcal{Z} 14'17	
	-4044 Sep 08 j 15:07	0° \mathcal{S}			-4041 Feb 06 j 22:34	0° \approx	
morning max el	-4044 Sep 28 j 19:12	18° \mathcal{S} 41'37	46°49'17		-4041 Mar 03 j 09:30	0° \mathcal{H}	
asc. node	-4044 Oct 01 j 18:43	21° \mathcal{S} 45'48		asc. node	-4041 Mar 19 j 12:58	19° \mathcal{H} 39'41	
	-4044 Oct 09 j 12:41	0° \mathcal{Q}			-4041 Mar 28 j 01:46	0° \mathcal{Y}	
	-4044 Nov 04 j 22:49	0° \mathbb{M}			-4041 Apr 22 j 00:58	0° \mathcal{B}	
	-4044 Nov 30 j 02:54	0° \mathcal{L}			-4041 May 17 j 09:46	0° \mathbb{I}	
	-4044 Dec 24 j 21:24	0° \mathbb{M}			-4041 Jun 12 j 09:59	0° \mathcal{S}	
	-4043 Jan 18 j 13:40	0° \mathcal{A}		desc. node	-4041 Jul 09 j 08:56	29° \mathcal{S} 37'33	
desc. node	-4043 Jan 21 j 16:00	3° \mathcal{A} 46'04			-4041 Jul 09 j 17:27	0° \mathcal{Q}	
	-4043 Feb 12 j 05:32	0° \mathcal{Z}		evening max el	-4041 Jul 23 j 13:50	14° \mathcal{Q} 07'59	46°51'23
	-4043 Mar 08 j 20:46	0° \approx			-4041 Aug 09 j 23:53	0° \mathbb{M}	
	-4043 Apr 02 j 10:35	0° \mathcal{H}		greatest brilliancy	-4041 Sep 01 j 09:56	14° \mathbb{M} 05'40	-4.7m
morning set	-4043 Apr 03 j 07:47	1° \mathcal{H} 04'46		retrograde	-4041 Sep 11 j 18:21	16° \mathbb{M} 05'41	
	-4043 Apr 26 j 22:20	0° \mathcal{Y}		evening set	-4041 Sep 28 j 00:27	11° \mathbb{M} 00'48	
max. Earth dist.	-4043 May 06 j 08:52	11° \mathcal{Y} 35'44	1.73540 AU	inferior conj	-4041 Oct 02 j 09:05	8° \mathbb{M} 25'18	-6°-27'-32
				minimum elong	-4041 Oct 02 j 19:52	8° \mathbb{M} 08'54	6°25'01
superior conj	-4043 May 09 j 04:49	15° \mathcal{Y} 04'39	0°-12'-21	min. Earth dist.	-4041 Oct 02 j 15:15	8° \mathbb{M} 15'56	0.26459 AU
minimum elong	-4043 May 09 j 07:12	15° \mathcal{Y} 12'00	0°12'12	morning rise	-4041 Oct 07 j 15:06	5° \mathbb{M} 19'37	
behind sun begin	-4043 May 08 j 17:03	14° \mathcal{Y} 28'27		direct	-4041 Oct 22 j 15:26	0° \mathbb{M} 49'58	
behind sun end	-4043 May 09 j 21:22	15° \mathcal{Y} 55'33		asc. node	-4041 Oct 30 j 06:05	1° \mathbb{M} 57'33	
asc. node	-4043 May 14 j 11:36	21° \mathcal{Y} 34'50		greatest brilliancy	-4041 Nov 04 j 00:04	3° \mathbb{M} 41'23	-4.7m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4041 Dec 08 j 02:55	0°♄		desc. node	-4038 Aug 05 j 20:51	21°♄12'18	
morning max el	-4041 Dec 12 j 03:00	3°♄59'17	46°41'12		-4038 Aug 13 j 07:41	0°♍	
	-4040 Jan 05 j 11:45	0°♍			-4038 Sep 08 j 07:01	0°♄	
	-4040 Jan 31 j 21:25	0°♌		evening max el	-4038 Oct 04 j 11:17	28°♄19'06	47°35'11
desc. node	-4040 Feb 19 j 03:53	21°♌16'39			-4038 Oct 06 j 03:06	0°♍	
	-4040 Feb 26 j 14:03	0°♎		greatest brilliancy	-4038 Nov 11 j 08:15	29°♍01'22	-4.7m
	-4040 Mar 22 j 21:32	0°♏			-4038 Nov 13 j 14:08	0°♌	
	-4040 Apr 16 j 22:06	0°♐		retrograde	-4038 Nov 24 j 15:06	2°♌20'10	
	-4040 May 11 j 16:15	0°♑		asc. node	-4038 Nov 26 j 17:25	2°♌14'37	
	-4040 Jun 05 j 03:59	0°♒			-4038 Dec 05 j 03:39	30°♍	
morning set	-4040 Jun 09 j 01:33	4°♒48'23		evening set	-4038 Dec 09 j 13:24	27°♍46'42	
asc. node	-4040 Jun 10 j 23:46	7°♒10'59		min. Earth dist.	-4038 Dec 14 j 08:15	24°♍53'08	0.27334 AU
	-4040 Jun 29 j 09:36	0°♑		inferior conj	-4038 Dec 15 j 10:30	24°♍11'49	4°26'24
max. Earth dist.	-4040 Jul 11 j 09:54	14°♑58'15	1.72064 AU	minimum elong	-4038 Dec 15 j 02:11	24°♍24'54	4°24'05
				morning rise	-4038 Dec 20 j 15:54	21°♍01'34	
superior conj	-4040 Jul 15 j 14:55	20°♑13'50	1°09'27	direct	-4037 Jan 05 j 00:34	16°♍19'58	
minimum elong	-4040 Jul 15 j 06:28	19°♑47'25	1°09'23	greatest brilliancy	-4037 Jan 15 j 14:19	18°♍25'14	-4.6m
	-4040 Jul 23 j 10:16	0°♓			-4037 Feb 03 j 20:42	0°♌	
	-4040 Aug 16 j 08:04	0°♑		morning max el	-4037 Feb 23 j 04:47	17°♌02'52	46°04'00
evening rise	-4040 Aug 22 j 07:57	7°♑31'56			-4037 Mar 08 j 03:34	0°♎	
	-4040 Sep 09 j 05:24	0°♏		desc. node	-4037 Mar 18 j 15:27	11°♎03'28	
desc. node	-4040 Sep 30 j 19:23	27°♏02'12			-4037 Apr 04 j 22:26	0°♏	
	-4040 Oct 03 j 04:17	0°♄			-4037 May 01 j 05:51	0°♐	
	-4040 Oct 27 j 06:13	0°♍			-4037 May 26 j 17:40	0°♑	
	-4040 Nov 20 j 12:52	0°♌			-4037 Jun 20 j 15:24	0°♒	
	-4040 Dec 15 j 03:48	0°♎		asc. node	-4037 Jul 09 j 11:55	23°♒06'08	
	-4039 Jan 09 j 10:35	0°♏			-4037 Jul 15 j 01:51	0°♑	
asc. node	-4039 Jan 21 j 14:40	13°♏58'29			-4037 Aug 08 j 03:36	0°♓	
	-4039 Feb 05 j 02:11	0°♐		greatest brilliancy	-4037 Aug 16 j 01:37	9°♓56'23	-3.9m
evening max el	-4039 Feb 25 j 13:53	21°♐01'28	45°14'37	morning set	-4037 Aug 19 j 00:26	13°♓39'05	
	-4039 Mar 07 j 08:13	0°♑			-4037 Aug 31 j 23:51	0°♑	
greatest brilliancy	-4039 Mar 31 j 16:15	16°♑57'46	-4.5m		-4037 Sep 24 j 18:02	0°♏	
retrograde	-4039 Apr 14 j 21:24	20°♑27'36					
evening set	-4039 Apr 30 j 02:32	16°♑01'58		superior conj	-4037 Sep 27 j 12:19	3°♏29'09	1°05'12
inferior conj	-4039 May 06 j 07:10	12°♑21'28	1°39'08	minimum elong	-4037 Sep 27 j 23:20	4°♏03'57	1°04'56
minimum elong	-4039 May 06 j 10:43	12°♑15'57	1°38'09	max. Earth dist.	-4037 Sep 29 j 05:47	5°♏40'01	1.70860 AU
min. Earth dist.	-4039 May 06 j 23:59	11°♑55'23	0.28906 AU		-4037 Oct 18 j 13:02	0°♄	
morning rise	-4039 May 12 j 18:18	8°♑30'21		desc. node	-4037 Oct 29 j 07:44	13°♄32'58	
desc. node	-4039 May 13 j 12:00	8°♑06'34		evening rise	-4037 Nov 08 j 21:00	26°♄47'15	
direct	-4039 May 28 j 01:37	4°♑01'16			-4037 Nov 11 j 10:33	0°♍	
greatest brilliancy	-4039 Jun 11 j 17:45	7°♑44'51	-4.5m		-4037 Dec 05 j 11:22	0°♌	
	-4039 Jul 11 j 13:58	0°♒			-4037 Dec 29 j 16:19	0°♎	
morning max el	-4039 Jul 16 j 14:12	4°♒47'31	46°14'52		-4036 Jan 23 j 03:28	0°♏	
	-4039 Aug 09 j 14:24	0°♑			-4036 Feb 17 j 00:31	0°♐	
asc. node	-4039 Sep 03 j 09:30	28°♑30'56		asc. node	-4036 Feb 19 j 02:48	2°♐29'42	
	-4039 Sep 04 j 15:32	0°♓			-4036 Mar 13 j 13:36	0°♑	
	-4039 Sep 29 j 10:56	0°♑			-4036 Apr 09 j 06:04	0°♒	
	-4039 Oct 23 j 16:46	0°♏		evening max el	-4036 May 07 j 19:27	29°♒23'43	45°24'33
	-4039 Nov 16 j 18:11	0°♄			-4036 May 08 j 10:44	0°♑	
	-4039 Dec 10 j 20:08	0°♍		desc. node	-4036 Jun 09 j 23:29	24°♑52'50	
desc. node	-4039 Dec 24 j 06:04	16°♍39'18		greatest brilliancy	-4036 Jun 13 j 23:26	26°♑38'50	-4.5m
	-4038 Jan 04 j 00:32	0°♌		retrograde	-4036 Jun 25 j 12:50	29°♑00'05	
morning set	-4038 Jan 20 j 21:51	20°♌52'21		evening set	-4036 Jul 11 j 20:14	24°♑02'42	
	-4038 Jan 28 j 07:20	0°♎		inferior conj	-4036 Jul 16 j 14:39	21°♑13'40	-7°-25'-27
	-4038 Feb 21 j 15:53	0°♏		minimum elong	-4036 Jul 16 j 05:00	21°♑28'20	7°23'43
				min. Earth dist.	-4036 Jul 16 j 21:33	21°♑03'11	0.27691 AU
superior conj	-4038 Feb 28 j 13:37	8°♏29'41	-1°-20'-30	morning rise	-4036 Jul 20 j 13:25	18°♑51'51	
minimum elong	-4038 Feb 28 j 18:24	8°♏44'25	1°20'36	direct	-4036 Aug 06 j 18:33	13°♑18'22	
max. Earth dist.	-4038 Mar 01 j 15:47	9°♏50'06	1.73461 AU	greatest brilliancy	-4036 Aug 20 j 19:33	16°♑50'43	-4.6m
	-4038 Mar 18 j 01:42	0°♐			-4036 Sep 09 j 01:44	0°♓	
evening rise	-4038 Apr 06 j 09:24	23°♐42'31		morning max el	-4036 Sep 26 j 07:52	16°♓14'35	46°48'29
	-4038 Apr 11 j 12:35	0°♑		asc. node	-4036 Sep 30 j 20:55	20°♓56'32	
asc. node	-4038 Apr 16 j 01:21	5°♑33'08			-4036 Oct 09 j 07:36	0°♑	
	-4038 May 06 j 00:36	0°♒			-4036 Nov 04 j 13:59	0°♏	
	-4038 May 30 j 14:01	0°♑			-4036 Nov 29 j 16:24	0°♄	
	-4038 Jun 24 j 05:50	0°♓			-4036 Dec 24 j 09:59	0°♍	
	-4038 Jul 19 j 02:18	0°♑			-4035 Jan 18 j 01:36	0°♌	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-4035 Jan 20 j 18:13	3°♌16'41			-4033 Jul 09 j 13:17	0°♎	
	-4035 Feb 11 j 17:00	0°♌		evening max el	-4033 Jul 21 j 02:23	11°♎42'16	46°48'32
	-4035 Mar 08 j 07:53	0°♍			-4033 Aug 10 j 13:53	0°♏	
morning set	-4035 Apr 01 j 02:04	29°♍00'38		greatest brilliancy	-4033 Aug 29 j 22:22	11°♏36'19	-4.7m
	-4035 Apr 01 j 21:30	0°♎		retrograde	-4033 Sep 09 j 06:34	13°♏36'07	
	-4035 Apr 26 j 09:09	0°♏		evening set	-4033 Sep 25 j 15:53	8°♏26'08	
max. Earth dist.	-4035 May 04 j 04:37	9°♏35'45	1.73565 AU	inferior conj	-4033 Sep 29 j 21:11	5°♏55'45	-6°-44'-3
				minimum elong	-4033 Sep 30 j 07:58	5°♏39'24	6°41'40
superior conj	-4035 May 06 j 23:54	13°♏02'34	0°-15'-20	min. Earth dist.	-4033 Sep 30 j 04:03	5°♏45'20	0.26484 AU
minimum elong	-4035 May 07 j 02:52	13°♏11'39	0°15'11	morning rise	-4033 Oct 04 j 23:51	2°♏55'07	
behind sun begin	-4035 May 06 j 20:44	12°♏52'48			-4033 Oct 11 j 05:05	30°♏♎	
behind sun end	-4035 May 07 j 08:59	13°♏30'30		direct	-4033 Oct 20 j 03:59	28°♏19'56	
asc. node	-4035 May 13 j 13:37	21°♏07'48		asc. node	-4033 Oct 29 j 08:05	29°♏57'15	
	-4035 May 20 j 18:22	0°♐			-4033 Oct 29 j 11:17	0°♏	
evening rise	-4035 Jun 11 j 14:16	26°♐58'15		greatest brilliancy	-4033 Nov 01 j 14:40	1°♏14'07	-4.7m
	-4035 Jun 14 j 01:00	0°♑			-4033 Dec 08 j 03:20	0°♐	
	-4035 Jul 08 j 05:44	0°♑		morning max el	-4033 Dec 09 j 17:19	1°♐35'31	46°42'10
	-4035 Aug 01 j 10:07	0°♒			-4032 Jan 05 j 04:47	0°♑	
	-4035 Aug 25 j 16:11	0°♒			-4032 Jan 31 j 11:45	0°♓	
desc. node	-4035 Sep 02 j 09:08	9°♒29'45		desc. node	-4032 Feb 18 j 06:02	20°♓43'55	
	-4035 Sep 19 j 02:13	0°♑			-4032 Feb 26 j 02:59	0°♌	
	-4035 Oct 13 j 19:27	0°♒			-4032 Mar 22 j 09:39	0°♍	
	-4035 Nov 08 j 03:00	0°♓			-4032 Apr 16 j 09:41	0°♎	
	-4035 Dec 04 j 20:47	0°♌			-4032 May 11 j 03:30	0°♏	
evening max el	-4035 Dec 14 j 08:20	9°♌51'54	46°30'05		-4032 Jun 04 j 15:04	0°♐	
asc. node	-4035 Dec 24 j 05:05	19°♌26'37		morning set	-4032 Jun 06 j 19:36	2°♐41'51	
	-4034 Jan 05 j 14:12	0°♍		asc. node	-4032 Jun 10 j 01:53	6°♐43'20	
greatest brilliancy	-4034 Jan 18 j 13:50	8°♍22'52	-4.6m		-4032 Jun 28 j 20:39	0°♑	
retrograde	-4034 Feb 02 j 11:00	12°♍22'43		max. Earth dist.	-4032 Jul 09 j 01:53	12°♑43'43	1.72123 AU
evening set	-4034 Feb 20 j 06:05	6°♍16'09					
inferior conj	-4034 Feb 23 j 20:49	3°♍59'01	8°07'50	superior conj	-4032 Jul 13 j 07:29	18°♑00'53	1°07'31
minimum elong	-4034 Feb 24 j 00:00	3°♍53'53	8°07'32	minimum elong	-4032 Jul 12 j 22:51	17°♑33'55	1°07'27
min. Earth dist.	-4034 Feb 23 j 18:40	4°♍02'28	0.29212 AU		-4032 Jul 22 j 21:24	0°♑	
morning rise	-4034 Feb 27 j 18:04	1°♍31'55			-4032 Aug 15 j 19:20	0°♒	
	-4034 Mar 02 j 08:58	30°♒♌		evening rise	-4032 Aug 19 j 21:11	5°♒07'14	
direct	-4034 Mar 17 j 09:50	25°♌35'32			-4032 Sep 08 j 16:50	0°♒	
greatest brilliancy	-4034 Mar 29 j 15:11	28°♌13'53	-4.5m	desc. node	-4032 Sep 29 j 21:24	26°♒32'21	
	-4034 Apr 02 j 11:37	0°♍			-4032 Oct 02 j 15:53	0°♑	
desc. node	-4034 Apr 15 j 02:44	8°♍01'57			-4032 Oct 26 j 18:02	0°♒	
morning max el	-4034 May 05 j 04:00	25°♍16'33	45°49'10		-4032 Nov 20 j 01:03	0°♓	
	-4034 May 10 j 01:02	0°♎			-4032 Dec 14 j 16:36	0°♌	
	-4034 Jun 07 j 13:00	0°♏			-4031 Jan 09 j 00:39	0°♍	
	-4034 Jul 03 j 20:08	0°♐		asc. node	-4031 Jan 20 j 16:51	13°♍21'59	
	-4034 Jul 28 j 23:58	0°♑			-4031 Feb 04 j 19:17	0°♎	
asc. node	-4034 Aug 05 j 23:55	9°♑44'22		evening max el	-4031 Feb 23 j 06:28	18°♎52'11	45°15'54
	-4034 Aug 22 j 10:34	0°♑			-4031 Mar 07 j 12:47	0°♏	
	-4034 Sep 15 j 10:44	0°♒		greatest brilliancy	-4031 Mar 29 j 07:14	14°♏47'32	-4.5m
	-4034 Oct 09 j 06:11	0°♒		retrograde	-4031 Apr 12 j 13:44	18°♏18'27	
	-4034 Nov 02 j 01:22	0°♑		evening set	-4031 Apr 27 j 20:16	13°♏50'32	
morning set	-4034 Nov 02 j 15:21	0°♑44'00		inferior conj	-4031 May 03 j 23:19	10°♏11'33	1°58'04
desc. node	-4034 Nov 25 j 19:57	29°♑51'11		minimum elong	-4031 May 04 j 03:31	10°♏05'03	1°56'56
	-4034 Nov 25 j 22:46	0°♒		min. Earth dist.	-4031 May 04 j 15:58	9°♏45'43	0.28943 AU
				morning rise	-4031 May 10 j 10:17	6°♏20'31	
superior conj	-4034 Dec 14 j 21:30	23°♒40'46	0°-42'-19	desc. node	-4031 May 12 j 14:02	5°♏13'20	
minimum elong	-4034 Dec 14 j 11:38	23°♒10'00	0°42'04	direct	-4031 May 25 j 18:39	1°♏50'53	
max. Earth dist.	-4034 Dec 19 j 15:45	29°♒36'41	1.71922 AU	greatest brilliancy	-4031 Jun 09 j 08:39	5°♏32'33	-4.5m
	-4034 Dec 19 j 23:15	0°♓			-4031 Jul 11 j 14:07	0°♐	
	-4033 Jan 13 j 02:50	0°♌		morning max el	-4031 Jul 14 j 06:26	2°♐35'10	46°13'28
evening rise	-4033 Jan 24 j 08:19	13°♌53'25			-4031 Aug 09 j 06:56	0°♑	
	-4033 Feb 06 j 09:45	0°♍		asc. node	-4031 Sep 02 j 11:36	27°♑55'11	
	-4033 Mar 02 j 20:49	0°♎			-4031 Sep 04 j 05:36	0°♑	
asc. node	-4033 Mar 18 j 15:04	19°♎11'15			-4031 Sep 28 j 23:51	0°♒	
	-4033 Mar 27 j 13:24	0°♏			-4031 Oct 23 j 05:04	0°♒	
	-4033 Apr 21 j 13:13	0°♐			-4031 Nov 16 j 06:04	0°♑	
	-4033 May 16 j 23:06	0°♑			-4031 Dec 10 j 07:43	0°♒	
	-4033 Jun 12 j 01:21	0°♑		desc. node	-4031 Dec 23 j 08:16	16°♒10'35	
desc. node	-4033 Jul 08 j 11:10	28°♑51'43			-4030 Jan 03 j 11:54	0°♓	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning set	-4030 Jan 18 j 10:58	18° 𐌶 30'01		minimum elong	-4028 Jul 13 j 18:26	19° 𐌹 09'05	7°10'42
	-4030 Jan 27 j 18:32	0° 𐌶		min. Earth dist.	-4028 Jul 14 j 11:47	18° 𐌹 42'44	0.27736 AU
	-4030 Feb 21 j 02:58	0° \approx		morning rise	-4028 Jul 18 j 06:24	16° 𐌹 27'21	
				direct	-4028 Aug 04 j 08:23	10° 𐌹 57'33	
superior conj	-4030 Feb 26 j 06:11	6° \approx 19'02	-1°-21'-19	greatest brilliancy	-4028 Aug 18 j 11:56	14° 𐌹 31'55	-4.6m
minimum elong	-4030 Feb 26 j 10:23	6° \approx 31'56	1°21'26		-4028 Sep 09 j 10:00	0° 𐌹	
max. Earth dist.	-4030 Feb 27 j 13:41	7° \approx 55'54	1.73432 AU	morning max el	-4028 Sep 23 j 20:35	13° 𐌹 46'53	46°47'52
	-4030 Mar 17 j 12:44	0° 𐌶		asc. node	-4028 Sep 29 j 22:59	20° 𐌹 06'52	
evening rise	-4030 Apr 04 j 03:51	21° 𐌶 37'55			-4028 Oct 09 j 02:18	0° 𐌹	
	-4030 Apr 10 j 23:42	0° 𐌹			-4028 Nov 04 j 05:09	0° 𐌹	
asc. node	-4030 Apr 15 j 03:20	5° 𐌹 05'04			-4028 Nov 29 j 05:59	0° 𐌹	
	-4030 May 05 j 11:56	0° 𐌶			-4028 Dec 23 j 22:39	0° 𐌹	
	-4030 May 30 j 01:44	0° 𐌹			-4027 Jan 17 j 13:38	0° 𐌶	
	-4030 Jun 23 j 18:08	0° 𐌹		desc. node	-4027 Jan 19 j 20:17	2° 𐌶 46'30	
desc. node	-4030 Jul 18 j 15:28	0° 𐌹			-4027 Feb 11 j 04:33	0° 𐌶	
	-4030 Aug 04 j 22:59	20° 𐌹 37'00			-4027 Mar 07 j 19:05	0° \approx	
	-4030 Aug 12 j 22:15	0° 𐌹		morning set	-4027 Mar 29 j 20:32	26° \approx 56'41	
	-4030 Sep 08 j 00:11	0° 𐌹			-4027 Apr 01 j 08:29	0° 𐌶	
evening max el	-4030 Oct 02 j 03:17	25° 𐌹 59'12	47°35'41		-4027 Apr 25 j 20:04	0° 𐌹	
	-4030 Oct 06 j 03:09	0° 𐌹		max. Earth dist.	-4027 May 02 j 02:01	7° 𐌹 40'31	1.73595 AU
greatest brilliancy	-4030 Nov 09 j 02:00	26° 𐌹 40'59	-4.7m				
retrograde	-4030 Nov 22 j 06:01	29° 𐌹 55'50		superior conj	-4027 May 04 j 19:09	11° 𐌹 00'40	0°-18'-17
asc. node	-4030 Nov 25 j 19:38	29° 𐌹 39'45		minimum elong	-4027 May 04 j 22:39	11° 𐌹 11'27	0°18'07
evening set	-4030 Dec 07 j 02:05	25° 𐌹 25'56		asc. node	-4027 May 12 j 15:47	20° 𐌹 40'52	
min. Earth dist.	-4030 Dec 11 j 22:48	22° 𐌹 29'39	0.27255 AU		-4027 May 20 j 05:18	0° 𐌶	
inferior conj	-4030 Dec 13 j 00:41	21° 𐌹 48'52	4°07'37	evening rise	-4027 Jun 09 j 09:27	24° 𐌶 54'53	
minimum elong	-4030 Dec 12 j 16:46	22° 𐌹 01'20	4°05'20		-4027 Jun 13 j 12:05	0° 𐌹	
morning rise	-4030 Dec 18 j 08:27	18° 𐌹 35'23			-4027 Jul 07 j 17:05	0° 𐌹	
direct	-4029 Jan 02 j 14:22	13° 𐌹 58'36			-4027 Jul 31 j 21:48	0° 𐌹	
greatest brilliancy	-4029 Jan 13 j 03:05	16° 𐌹 03'01	-4.6m		-4027 Aug 25 j 04:19	0° 𐌹	
	-4029 Feb 04 j 08:35	0° 𐌶		desc. node	-4027 Sep 01 j 11:09	8° 𐌹 58'10	
morning max el	-4029 Feb 20 j 18:48	14° 𐌶 45'02	46°05'02		-4027 Sep 18 j 14:57	0° 𐌹	
	-4029 Mar 07 j 22:26	0° 𐌶			-4027 Oct 13 j 09:03	0° 𐌹	
desc. node	-4029 Mar 17 j 17:32	10° 𐌶 23'35			-4027 Nov 07 j 18:12	0° 𐌶	
	-4029 Apr 04 j 13:14	0° \approx			-4027 Dec 04 j 15:56	0° 𐌶	
	-4029 Apr 30 j 18:54	0° 𐌶		evening max el	-4027 Dec 11 j 22:56	7° 𐌶 32'56	46°33'19
	-4029 May 26 j 05:48	0° 𐌹		asc. node	-4027 Dec 23 j 07:18	18° 𐌶 30'41	
	-4029 Jun 20 j 03:03	0° 𐌶			-4026 Jan 06 j 05:44	0° \approx	
asc. node	-4029 Jul 08 j 14:07	22° 𐌶 37'36		greatest brilliancy	-4026 Jan 16 j 06:23	6° \approx 11'38	-4.6m
	-4029 Jul 14 j 13:15	0° 𐌹		retrograde	-4026 Jan 31 j 04:10	10° \approx 13'10	
	-4029 Aug 07 j 14:54	0° 𐌹		evening set	-4026 Feb 17 j 23:38	4° \approx 05'15	
greatest brilliancy	-4029 Aug 15 j 22:27	10° 𐌹 26'27	-3.9m	inferior conj	-4026 Feb 21 j 13:45	1° \approx 49'14	8°11'17
morning set	-4029 Aug 16 j 14:04	11° 𐌹 15'33		minimum elong	-4026 Feb 21 j 16:17	1° \approx 45'10	8°11'02
	-4029 Aug 31 j 11:07	0° 𐌹		min. Earth dist.	-4026 Feb 21 j 10:26	1° \approx 54'32	0.29179 AU
	-4029 Sep 24 j 05:21	0° 𐌹			-4026 Feb 24 j 10:32	30° 𐌹	
				morning rise	-4026 Feb 25 j 09:03	29° 𐌶 25'15	
superior conj	-4029 Sep 24 j 22:49	0° 𐌹 55'07	1°07'34	direct	-4026 Mar 15 j 01:35	23° 𐌶 26'10	
minimum elong	-4029 Sep 25 j 09:32	1° 𐌹 28'57	1°07'22	greatest brilliancy	-4026 Mar 27 j 06:11	26° 𐌶 03'41	-4.5m
max. Earth dist.	-4029 Sep 26 j 05:54	2° 𐌹 33'12	1.70863 AU		-4026 Apr 04 j 01:26	0° \approx	
	-4029 Oct 18 j 00:25	0° 𐌹		desc. node	-4026 Apr 14 j 04:45	6° \approx 56'44	
desc. node	-4029 Oct 28 j 09:45	13° 𐌹 03'31		morning max el	-4026 May 02 j 20:16	23° \approx 07'39	45°49'06
evening rise	-4029 Nov 06 j 05:23	24° 𐌹 07'15			-4026 May 09 j 21:23	0° 𐌶	
	-4029 Nov 10 j 22:00	0° 𐌹			-4026 Jun 07 j 04:06	0° 𐌹	
	-4029 Dec 04 j 22:51	0° 𐌶			-4026 Jul 03 j 09:18	0° 𐌶	
	-4029 Dec 29 j 03:54	0° 𐌶			-4026 Jul 28 j 12:12	0° 𐌹	
	-4028 Jan 22 j 15:17	0° \approx		asc. node	-4026 Aug 05 j 01:58	9° 𐌹 13'42	
	-4028 Feb 16 j 12:56	0° 𐌶			-4026 Aug 21 j 22:20	0° 𐌹	
asc. node	-4028 Feb 18 j 04:54	1° 𐌶 58'51			-4026 Sep 14 j 22:17	0° 𐌹	
	-4028 Mar 13 j 03:14	0° 𐌹			-4026 Oct 08 j 17:37	0° 𐌹	
	-4028 Apr 08 j 22:27	0° 𐌶		morning set	-4026 Oct 31 j 01:04	28° 𐌹 07'51	
evening max el	-4028 May 05 j 08:57	27° 𐌶 05'29	45°22'28		-4026 Nov 01 j 12:41	0° 𐌹	
	-4028 May 08 j 11:12	0° 𐌹		desc. node	-4026 Nov 24 j 22:09	29° 𐌹 22'54	
desc. node	-4028 Jun 09 j 01:45	23° 𐌹 17'14			-4026 Nov 25 j 10:00	0° 𐌹	
greatest brilliancy	-4028 Jun 11 j 11:05	24° 𐌹 17'52	-4.5m				
retrograde	-4028 Jun 23 j 01:38	26° 𐌹 40'47		superior conj	-4026 Dec 12 j 07:26	21° 𐌹 07'14	0°-38'-56
evening set	-4028 Jul 09 j 06:05	21° 𐌹 48'14		minimum elong	-4026 Dec 11 j 22:04	20° 𐌹 38'01	0°38'40
inferior conj	-4028 Jul 14 j 04:24	18° 𐌹 53'57	-7°-12'-35	max. Earth dist.	-4026 Dec 17 j 00:17	26° 𐌹 59'03	1.71863 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4026 Dec 19 j 10:23	0°♁			-4023 May 27 j 10:10	0°♂	
	-4025 Jan 12 j 13:56	0°♂		greatest brilliancy	-4023 Jun 06 j 23:00	3°♂21'00	-4.5m
evening rise	-4025 Jan 21 j 21:51	11°♂32'42			-4023 Jul 11 j 12:43	0°♂	
	-4025 Feb 05 j 20:52	0°♂		morning max el	-4023 Jul 11 j 22:00	0°♂22'36	46°12'10
	-4025 Mar 02 j 08:04	0°♂			-4023 Aug 08 j 22:45	0°♂	
asc. node	-4025 Mar 17 j 17:07	18°♂42'57		asc. node	-4023 Sep 01 j 13:42	27°♂20'49	
	-4025 Mar 27 j 00:56	0°♂			-4023 Sep 03 j 19:09	0°♂	
	-4025 Apr 21 j 01:21	0°♂			-4023 Sep 28 j 12:23	0°♂	
	-4025 May 16 j 12:22	0°♂			-4023 Oct 22 j 17:02	0°♂	
	-4025 Jun 11 j 16:45	0°♂			-4023 Nov 15 j 17:42	0°♂	
desc. node	-4025 Jul 07 j 13:13	28°♂05'01			-4023 Dec 09 j 19:07	0°♂	
	-4025 Jul 09 j 09:37	0°♂		desc. node	-4023 Dec 22 j 10:22	15°♂42'07	
evening max el	-4025 Jul 18 j 15:40	9°♂18'42	46°45'20		-4022 Jan 02 j 23:04	0°♂	
	-4025 Aug 11 j 08:34	0°♂		morning set	-4022 Jan 15 j 23:31	16°♂06'24	
greatest brilliancy	-4025 Aug 27 j 09:41	9°♂05'29	-4.7m		-4022 Jan 27 j 05:31	0°♂	
retrograde	-4025 Sep 06 j 18:45	11°♂05'38			-4022 Feb 20 j 13:47	0°♂	
evening set	-4025 Sep 23 j 07:05	5°♂50'38					
inferior conj	-4025 Sep 27 j 08:58	3°♂25'14	-6°-59'-54	superior conj	-4022 Feb 23 j 22:23	4°♂07'57	-1°-22'-1
minimum elong	-4025 Sep 27 j 19:39	3°♂09'04	6°57'40	minimum elong	-4022 Feb 24 j 01:55	4°♂18'50	1°22'09
min. Earth dist.	-4025 Sep 27 j 16:13	3°♂14'15	0.26513 AU	max. Earth dist.	-4022 Feb 25 j 11:27	6°♂01'58	1.73394 AU
morning rise	-4025 Oct 02 j 08:05	0°♂			-4022 Mar 16 j 23:29	0°♂	
	-4025 Oct 03 j 06:01	30°♂		evening rise	-4022 Apr 01 j 22:08	19°♂33'46	
direct	-4025 Oct 17 j 16:49	25°♂49'07			-4022 Apr 10 j 10:31	0°♂	
asc. node	-4025 Oct 28 j 10:18	28°♂01'09		asc. node	-4022 Apr 14 j 05:32	4°♂38'38	
greatest brilliancy	-4025 Oct 30 j 04:23	28°♂45'03	-4.7m		-4022 May 04 j 22:58	0°♂	
	-4025 Nov 01 j 18:55	0°♂			-4022 May 29 j 13:09	0°♂	
morning max el	-4025 Dec 07 j 07:43	29°♂11'45	46°43'14		-4022 Jun 23 j 06:07	0°♂	
	-4025 Dec 08 j 02:44	0°♂			-4022 Jul 18 j 04:19	0°♂	
	-4024 Jan 04 j 21:27	0°♂		desc. node	-4022 Aug 04 j 01:02	20°♂02'31	
	-4024 Jan 31 j 01:48	0°♂			-4022 Aug 12 j 12:31	0°♂	
desc. node	-4024 Feb 17 j 08:04	20°♂11'31			-4022 Sep 07 j 17:12	0°♂	
	-4024 Feb 25 j 15:41	0°♂		evening max el	-4022 Sep 29 j 18:15	23°♂37'45	47°35'48
	-4024 Mar 21 j 21:31	0°♂			-4022 Oct 06 j 03:50	0°♂	
	-4024 Apr 15 j 21:01	0°♂		greatest brilliancy	-4022 Nov 06 j 19:54	24°♂21'16	-4.7m
	-4024 May 10 j 14:30	0°♂		retrograde	-4022 Nov 19 j 20:06	27°♂31'42	
	-4024 Jun 04 j 01:54	0°♂		asc. node	-4022 Nov 24 j 21:49	26°♂59'20	
morning set	-4024 Jun 04 j 14:12	0°♂37'53		evening set	-4022 Dec 04 j 14:45	23°♂05'06	
asc. node	-4024 Jun 09 j 04:07	6°♂16'48		min. Earth dist.	-4022 Dec 09 j 13:39	20°♂05'45	0.27183 AU
	-4024 Jun 28 j 07:27	0°♂		inferior conj	-4022 Dec 10 j 14:45	19°♂26'13	3°48'05
max. Earth dist.	-4024 Jul 06 j 17:32	10°♂29'06	1.72184 AU	minimum elong	-4022 Dec 10 j 07:18	19°♂37'57	3°45'53
				morning rise	-4022 Dec 16 j 00:48	16°♂09'26	
superior conj	-4024 Jul 11 j 00:37	15°♂50'39	1°05'32	direct	-4022 Dec 31 j 03:41	11°♂37'17	
minimum elong	-4024 Jul 10 j 15:53	15°♂23'22	1°05'27	greatest brilliancy	-4021 Jan 10 j 17:08	13°♂42'09	-4.6m
	-4024 Jul 22 j 08:17	0°♂			-4021 Feb 04 j 17:15	0°♂	
	-4024 Aug 15 j 06:24	0°♂		morning max el	-4021 Feb 18 j 07:58	12°♂25'22	46°06'10
evening rise	-4024 Aug 17 j 10:52	2°♂44'44			-4021 Mar 07 j 16:37	0°♂	
	-4024 Sep 08 j 04:05	0°♂		desc. node	-4021 Mar 16 j 19:39	9°♂44'45	
desc. node	-4024 Sep 28 j 23:29	26°♂03'04			-4021 Apr 04 j 03:34	0°♂	
	-4024 Oct 02 j 03:22	0°♂			-4021 Apr 30 j 07:31	0°♂	
	-4024 Oct 26 j 05:47	0°♂			-4021 May 25 j 17:33	0°♂	
	-4024 Nov 19 j 13:10	0°♂			-4021 Jun 19 j 14:19	0°♂	
	-4024 Dec 14 j 05:21	0°♂		asc. node	-4021 Jul 07 j 16:05	22°♂09'34	
asc. node	-4023 Jan 08 j 14:40	0°♂			-4021 Jul 14 j 00:17	0°♂	
	-4023 Jan 19 j 18:55	12°♂45'30			-4021 Aug 07 j 01:50	0°♂	
	-4023 Feb 04 j 12:29	0°♂		morning set	-4021 Aug 14 j 04:14	8°♂54'53	
evening max el	-4023 Feb 20 j 22:55	16°♂43'17	45°17'22		-4021 Aug 30 j 22:01	0°♂	
	-4023 Mar 07 j 18:55	0°♂					
greatest brilliancy	-4023 Mar 26 j 23:32	12°♂40'11	-4.5m	superior conj	-4021 Sep 22 j 10:01	28°♂24'30	1°09'47
retrograde	-4023 Apr 10 j 05:56	16°♂10'55		minimum elong	-4021 Sep 22 j 20:22	28°♂57'10	1°09'36
evening set	-4023 Apr 25 j 14:24	11°♂40'46		max. Earth dist.	-4021 Sep 23 j 07:04	29°♂30'55	1.70870 AU
inferior conj	-4023 May 01 j 15:46	8°♂03'26	2°16'43		-4021 Sep 23 j 16:17	0°♂	
minimum elong	-4023 May 01 j 20:34	7°♂55'58	2°15'25		-4021 Oct 17 j 11:25	0°♂	
min. Earth dist.	-4023 May 02 j 08:22	7°♂37'36	0.28975 AU	desc. node	-4021 Oct 27 j 11:59	12°♂35'57	
morning rise	-4023 May 08 j 02:19	4°♂12'31		evening rise	-4021 Nov 03 j 14:11	21°♂29'48	
desc. node	-4023 May 11 j 16:18	2°♂25'06			-4021 Nov 10 j 09:04	0°♂	
	-4023 May 19 j 14:55	30°♂			-4021 Dec 04 j 10:00	0°♂	
direct	-4023 May 23 j 11:45	29°♂42'25			-4021 Dec 28 j 15:12	0°♂	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4020 Jan 22 j 02:54	0°≈		asc. node	-4018 Aug 04 j 04:06	8°Ⅱ43'58	
	-4020 Feb 16 j 01:09	0°Ⅴ			-4018 Aug 21 j 09:54	0°☾	
asc. node	-4020 Feb 17 j 06:57	1°Ⅴ28'31			-4018 Sep 14 j 09:37	0°♊	
	-4020 Mar 12 j 16:44	0°Ⅵ			-4018 Oct 08 j 04:51	0°♋	
	-4020 Apr 08 j 14:48	0°Ⅷ		morning set	-4018 Oct 28 j 10:59	25°♋32'45	
evening max el	-4020 May 02 j 22:23	24°Ⅷ48'18	45°20'46		-4018 Oct 31 j 23:51	0°♌	
	-4020 May 08 j 12:27	0°Ⅱ		desc. node	-4018 Nov 24 j 00:12	28°♌54'36	
desc. node	-4020 Jun 08 j 03:48	21°Ⅱ39'12			-4018 Nov 24 j 21:05	0°♍	
greatest brilliancy	-4020 Jun 08 j 21:45	21°Ⅱ57'20	-4.5m				
retrograde	-4020 Jun 20 j 15:03	24°Ⅱ23'19		superior conj	-4018 Dec 09 j 17:20	18°♍33'55	0°-35'-26
evening set	-4020 Jul 06 j 16:12	19°Ⅱ35'00		minimum elong	-4018 Dec 09 j 08:34	18°♍06'32	0°35'12
inferior conj	-4020 Jul 11 j 18:18	16°Ⅱ35'46	-6°-59'-9	max. Earth dist.	-4018 Dec 14 j 10:55	24°♍28'16	1.71805 AU
minimum elong	-4020 Jul 11 j 08:06	16°Ⅱ51'13	6°57'06		-4018 Dec 18 j 21:23	0°♎	
min. Earth dist.	-4020 Jul 12 j 01:55	16°Ⅱ24'11	0.27782 AU		-4017 Jan 12 j 00:52	0°♏	
morning rise	-4020 Jul 15 j 23:32	14°Ⅱ04'34		evening rise	-4017 Jan 19 j 11:27	9°♏12'37	
direct	-4020 Aug 01 j 22:33	8°Ⅱ38'10			-4017 Feb 05 j 07:50	0°≈	
greatest brilliancy	-4020 Aug 16 j 05:18	12°Ⅱ15'53	-4.6m		-4017 Mar 01 j 19:11	0°Ⅴ	
	-4020 Sep 09 j 15:27	0°☾		asc. node	-4017 Mar 16 j 19:19	18°Ⅴ15'22	
morning max el	-4020 Sep 21 j 10:21	11°☾23'09	46°47'20		-4017 Mar 26 j 12:25	0°Ⅵ	
asc. node	-4020 Sep 29 j 01:09	19°☾19'21			-4017 Apr 20 j 13:30	0°Ⅷ	
	-4020 Oct 08 j 20:10	0°♊			-4017 May 16 j 01:43	0°Ⅱ	
	-4020 Nov 03 j 19:44	0°♋			-4017 Jun 11 j 08:22	0°☾	
	-4020 Nov 28 j 19:06	0°♌		desc. node	-4017 Jul 06 j 15:18	27°☾17'46	
	-4020 Dec 23 j 10:53	0°♍			-4017 Jul 09 j 06:34	0°♊	
	-4019 Jan 17 j 01:17	0°♎		evening max el	-4017 Jul 16 j 05:28	6°♊56'46	46°42'14
desc. node	-4019 Jan 18 j 22:18	2°♎17'14			-4017 Aug 12 j 09:28	0°♋	
	-4019 Feb 10 j 15:48	0°♏		greatest brilliancy	-4017 Aug 24 j 21:13	6°♋35'40	-4.6m
	-4019 Mar 07 j 06:03	0°≈		retrograde	-4017 Sep 04 j 06:56	8°♋35'40	
morning set	-4019 Mar 27 j 14:36	24°≈52'07		evening set	-4017 Sep 20 j 22:25	3°♋15'56	
	-4019 Mar 31 j 19:16	0°Ⅴ		inferior conj	-4017 Sep 24 j 20:52	0°♋55'20	-7°-14'-56
	-4019 Apr 25 j 06:45	0°Ⅵ		minimum elong	-4017 Sep 25 j 07:21	0°♋39'27	7°12'49
max. Earth dist.	-4019 Apr 30 j 00:12	5°Ⅵ48'27	1.73620 AU	min. Earth dist.	-4017 Sep 25 j 04:19	0°♋44'03	0.26542 AU
					-4017 Sep 26 j 09:31	30°♋♊	
superior conj	-4019 May 02 j 14:04	8°Ⅵ58'33	0°-21'-15	morning rise	-4017 Sep 29 j 16:12	28°♋05'26	
minimum elong	-4019 May 02 j 18:07	9°Ⅵ10'59	0°21'03	direct	-4017 Oct 15 j 05:56	23°♋19'08	
asc. node	-4019 May 11 j 17:56	20°Ⅵ14'39		greatest brilliancy	-4017 Oct 27 j 17:26	26°♋15'30	-4.7m
	-4019 May 19 j 16:00	0°Ⅷ		asc. node	-4017 Oct 27 j 12:32	26°♋10'05	
evening rise	-4019 Jun 07 j 04:32	22°Ⅷ52'09			-4017 Nov 03 j 16:45	0°♋	
	-4019 Jun 12 j 22:55	0°Ⅱ		morning max el	-4017 Dec 04 j 21:37	26°♋46'48	46°44'10
	-4019 Jul 07 j 04:10	0°☾			-4017 Dec 08 j 01:06	0°♌	
	-4019 Jul 31 j 09:15	0°♊			-4016 Jan 04 j 13:46	0°♍	
	-4019 Aug 24 j 16:14	0°♋			-4016 Jan 30 j 15:41	0°♎	
desc. node	-4019 Aug 31 j 13:15	8°♋27'35		desc. node	-4016 Feb 16 j 10:14	19°♎39'46	
	-4019 Sep 18 j 03:27	0°♌			-4016 Feb 25 j 04:15	0°♏	
	-4019 Oct 12 j 22:26	0°♍			-4016 Mar 21 j 09:18	0°≈	
	-4019 Nov 07 j 09:15	0°♎			-4016 Apr 15 j 08:19	0°Ⅴ	
	-4019 Dec 04 j 11:13	0°♏			-4016 May 10 j 01:32	0°Ⅵ	
evening max el	-4019 Dec 09 j 14:16	5°♏16'48	46°36'32	morning set	-4016 Jun 02 j 08:42	28°Ⅵ33'28	
asc. node	-4019 Dec 22 j 09:19	17°♏34'06			-4016 Jun 03 j 12:48	0°Ⅷ	
	-4018 Jan 07 j 02:06	0°≈		asc. node	-4016 Jun 08 j 06:06	5°Ⅷ49'19	
greatest brilliancy	-4018 Jan 13 j 22:36	4°≈00'47	-4.6m		-4016 Jun 27 j 18:21	0°Ⅱ	
retrograde	-4018 Jan 28 j 21:40	8°≈04'12		max. Earth dist.	-4016 Jul 04 j 07:27	8°Ⅱ08'52	1.72247 AU
evening set	-4018 Feb 15 j 16:55	1°≈55'08					
	-4018 Feb 18 j 18:02	30°♋♏		superior conj	-4016 Jul 08 j 17:42	13°Ⅱ40'02	1°03'28
inferior conj	-4018 Feb 19 j 06:38	29°♏39'51	8°14'01	minimum elong	-4016 Jul 08 j 08:53	13°Ⅱ12'32	1°03'20
minimum elong	-4018 Feb 19 j 08:30	29°♏36'52	8°13'48		-4016 Jul 21 j 19:17	0°☾	
min. Earth dist.	-4018 Feb 19 j 01:50	29°♏47'32	0.29149 AU		-4016 Aug 14 j 17:32	0°♊	
morning rise	-4018 Feb 23 j 00:14	27°♏18'41		evening rise	-4016 Aug 15 j 00:32	0°♋22'00	
direct	-4018 Mar 12 j 17:50	21°♏17'12			-4016 Sep 07 j 15:24	0°♋	
greatest brilliancy	-4018 Mar 24 j 20:58	23°♏53'42	-4.5m	desc. node	-4016 Sep 28 j 01:39	25°♋33'57	
	-4018 Apr 05 j 03:43	0°≈			-4016 Oct 01 j 14:54	0°♌	
desc. node	-4018 Apr 13 j 07:01	5°≈53'58			-4016 Oct 25 j 17:36	0°♍	
morning max el	-4018 Apr 30 j 13:13	21°≈00'49	45°48'57		-4016 Nov 19 j 01:24	0°♎	
	-4018 May 09 j 17:00	0°Ⅴ			-4016 Dec 13 j 18:15	0°♏	
	-4018 Jun 06 j 18:54	0°Ⅵ			-4015 Jan 08 j 04:55	0°≈	
	-4018 Jul 02 j 22:13	0°Ⅷ		asc. node	-4015 Jan 18 j 21:05	12°≈08'44	
	-4018 Jul 28 j 00:13	0°Ⅱ			-4015 Feb 04 j 06:08	0°Ⅴ	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-4015 Feb 18 j 14:31	14° Υ 31'58	45°18'55			-4013 Aug 30 j 09:17	0° Ω	
	-4015 Mar 08 j 03:35	0° Υ						
greatest brilliancy	-4015 Mar 24 j 15:46	10° Υ 32'30	-4.5m	superior conj		-4013 Sep 19 j 21:02	25° Ω 51'59	1°11'51
retrograde	-4015 Apr 07 j 21:51	14° Υ 03'22		minimum elong		-4013 Sep 20 j 06:54	26° Ω 23'09	1°11'42
evening set	-4015 Apr 23 j 08:38	9° Υ 30'40		max. Earth dist.		-4013 Sep 20 j 10:02	26° Ω 33'02	1.70884 AU
inferior conj	-4015 Apr 29 j 08:18	5° Υ 55'18	2°35'05			-4013 Sep 23 j 03:37	0° \mathfrak{M}	
minimum elong	-4015 Apr 29 j 13:39	5° Υ 46'56	2°33'38			-4013 Oct 16 j 22:50	0° $\underline{\Omega}$	
min. Earth dist.	-4015 Apr 30 j 01:04	5° Υ 29'06	0.29008 AU	desc. node		-4013 Oct 26 j 13:59	12° $\underline{\Omega}$ 06'25	
morning rise	-4015 May 05 j 18:13	2° Υ 04'35		evening rise		-4013 Oct 31 j 22:31	18° $\underline{\Omega}$ 49'37	
	-4015 May 09 j 23:37	30° \mathfrak{R}				-4013 Nov 09 j 20:32	0° \mathfrak{M}	
desc. node	-4015 May 10 j 18:21	29° \mathfrak{R} 40'38				-4013 Dec 03 j 21:32	0° \mathfrak{J}	
direct	-4015 May 21 j 04:24	27° \mathfrak{R} 33'46				-4013 Dec 28 j 02:52	0° $\underline{\Omega}$	
	-4015 Jun 01 j 21:26	0° Υ				-4012 Jan 21 j 14:53	0° \approx	
greatest brilliancy	-4015 Jun 04 j 13:35	1° Υ 09'21	-4.5m			-4012 Feb 15 j 13:49	0° \mathfrak{K}	
morning max el	-4015 Jul 09 j 12:50	28° Υ 07'34	46°10'47	asc. node		-4012 Feb 16 j 09:11	0° \mathfrak{K} 57'29	
	-4015 Jul 11 j 10:43	0° \mathfrak{B}				-4012 Mar 12 j 06:44	0° Υ	
	-4015 Aug 08 j 14:36	0° Π				-4012 Apr 08 j 07:52	0° \mathfrak{B}	
asc. node	-4015 Aug 31 j 15:54	26° Π 46'10		evening max el		-4012 Apr 30 j 12:38	22° \mathfrak{B} 32'20	45°19'13
	-4015 Sep 03 j 08:52	0° $\underline{\Omega}$				-4012 May 08 j 15:32	0° Π	
	-4015 Sep 28 j 01:05	0° Ω		greatest brilliancy		-4012 Jun 06 j 07:48	19° Π 35'44	-4.5m
	-4015 Oct 22 j 05:10	0° \mathfrak{M}		desc. node		-4012 Jun 07 j 05:52	19° Π 56'58	
	-4015 Nov 15 j 05:28	0° $\underline{\Omega}$		retrograde		-4012 Jun 18 j 05:08	22° Π 05'36	
	-4015 Dec 09 j 06:39	0° \mathfrak{M}		evening set		-4012 Jul 04 j 02:38	17° Π 21'16	
desc. node	-4015 Dec 21 j 12:21	15° \mathfrak{M} 12'50		inferior conj		-4012 Jul 09 j 08:18	14° Π 17'12	-6°-44'-59
	-4014 Jan 02 j 10:25	0° \mathfrak{J}		minimum elong		-4012 Jul 08 j 21:58	14° Π 32'50	6°42'50
morning set	-4014 Jan 13 j 11:52	13° \mathfrak{J} 41'31		min. Earth dist.		-4012 Jul 09 j 15:50	14° Π 05'47	0.27827 AU
	-4014 Jan 26 j 16:40	0° $\underline{\Omega}$		morning rise		-4012 Jul 13 j 16:52	11° Π 41'28	
	-4014 Feb 20 j 00:48	0° \approx		direct		-4012 Jul 30 j 13:19	6° Π 18'35	
				greatest brilliancy		-4012 Aug 13 j 22:15	9° Π 59'04	-4.6m
superior conj	-4014 Feb 21 j 14:33	1° \approx 56'07	-1°-22'-36			-4012 Sep 09 j 19:26	0° $\underline{\Omega}$	
minimum elong	-4014 Feb 21 j 17:24	2° \approx 04'53	1°22'45	morning max el		-4012 Sep 19 j 01:05	9° $\underline{\Omega}$ 01'09	46°46'31
max. Earth dist.	-4014 Feb 23 j 07:41	4° \approx 02'41	1.73353 AU	asc. node		-4012 Sep 28 j 03:22	18° $\underline{\Omega}$ 31'37	
	-4014 Mar 16 j 10:27	0° \mathfrak{K}				-4012 Oct 08 j 14:03	0° Ω	
evening rise	-4014 Mar 30 j 16:25	17° \mathfrak{K} 28'56				-4012 Nov 03 j 10:38	0° \mathfrak{M}	
	-4014 Apr 09 j 21:33	0° Υ				-4012 Nov 28 j 08:35	0° $\underline{\Omega}$	
asc. node	-4014 Apr 13 j 07:41	4° Υ 11'24				-4012 Dec 22 j 23:32	0° \mathfrak{M}	
	-4014 May 04 j 10:14	0° \mathfrak{B}				-4011 Jan 16 j 13:20	0° \mathfrak{J}	
	-4014 May 29 j 00:49	0° Π		desc. node		-4011 Jan 18 j 00:31	1° \mathfrak{J} 47'21	
	-4014 Jun 22 j 18:25	0° $\underline{\Omega}$				-4011 Feb 10 j 03:24	0° $\underline{\Omega}$	
	-4014 Jul 17 j 17:34	0° Ω				-4011 Mar 06 j 17:21	0° \approx	
desc. node	-4014 Aug 03 j 03:10	19° Ω 26'58		morning set		-4011 Mar 25 j 08:35	22° \approx 46'14	
	-4014 Aug 12 j 03:19	0° \mathfrak{M}				-4011 Mar 31 j 06:22	0° \mathfrak{K}	
	-4014 Sep 07 j 11:01	0° $\underline{\Omega}$				-4011 Apr 24 j 17:47	0° Υ	
evening max el	-4014 Sep 27 j 08:10	21° $\underline{\Omega}$ 12'26	47°35'58	max. Earth dist.		-4011 Apr 27 j 23:34	3° Υ 58'50	1.73643 AU
	-4014 Oct 06 j 06:18	0° \mathfrak{M}						
greatest brilliancy	-4014 Nov 04 j 13:39	22° \mathfrak{M} 00'01	-4.7m	superior conj		-4011 Apr 30 j 09:06	6° Υ 55'36	0°-24'-10
retrograde	-4014 Nov 17 j 09:55	25° \mathfrak{M} 06'25		minimum elong		-4011 Apr 30 j 13:40	7° Υ 09'38	0°23'57
asc. node	-4014 Nov 23 j 23:50	24° \mathfrak{M} 12'01		asc. node		-4011 May 10 j 19:58	19° Υ 46'58	
evening set	-4014 Dec 02 j 03:30	20° \mathfrak{M} 42'33				-4011 May 19 j 03:04	0° \mathfrak{B}	
min. Earth dist.	-4014 Dec 07 j 04:36	17° \mathfrak{M} 40'23	0.27112 AU	evening rise		-4011 Jun 04 j 23:53	20° \mathfrak{B} 49'14	
inferior conj	-4014 Dec 08 j 04:45	17° \mathfrak{M} 02'23	3°27'59			-4011 Jun 12 j 10:06	0° Π	
minimum elong	-4014 Dec 07 j 21:48	17° \mathfrak{M} 13'19	3°25'53			-4011 Jul 06 j 15:34	0° $\underline{\Omega}$	
morning rise	-4014 Dec 13 j 16:59	13° \mathfrak{M} 42'32				-4011 Jul 30 j 21:01	0° Ω	
direct	-4014 Dec 28 j 16:26	9° \mathfrak{M} 14'35				-4011 Aug 24 j 04:28	0° \mathfrak{M}	
greatest brilliancy	-4013 Jan 08 j 07:51	11° \mathfrak{M} 20'55	-4.6m	desc. node		-4011 Aug 30 j 15:27	7° \mathfrak{M} 56'18	
	-4013 Feb 04 j 23:51	0° \mathfrak{J}				-4011 Sep 17 j 16:20	0° $\underline{\Omega}$	
morning max el	-4013 Feb 15 j 21:06	10° \mathfrak{J} 04'31	46°07'22			-4011 Oct 12 j 12:18	0° \mathfrak{M}	
	-4013 Mar 07 j 10:40	0° $\underline{\Omega}$				-4011 Nov 07 j 00:57	0° \mathfrak{J}	
desc. node	-4013 Mar 15 j 21:50	9° $\underline{\Omega}$ 05'39				-4011 Dec 04 j 07:40	0° $\underline{\Omega}$	
	-4013 Apr 03 j 18:03	0° \approx		evening max el		-4011 Dec 07 j 06:35	3° $\underline{\Omega}$ 01'33	46°39'43
	-4013 Apr 29 j 20:23	0° \mathfrak{K}		asc. node		-4011 Dec 21 j 11:33	16° $\underline{\Omega}$ 35'12	
	-4013 May 25 j 05:33	0° Υ				-4010 Jan 08 j 07:28	0° \approx	
	-4013 Jun 19 j 01:52	0° \mathfrak{B}		greatest brilliancy		-4010 Jan 11 j 15:56	1° \approx 49'45	-4.6m
asc. node	-4013 Jul 06 j 18:17	21° \mathfrak{B} 41'21		retrograde		-4010 Jan 26 j 15:19	5° \approx 53'20	
	-4013 Jul 13 j 11:36	0° Π				-4010 Feb 12 j 23:16	30° \mathfrak{R}	
	-4013 Aug 06 j 13:04	0° $\underline{\Omega}$		evening set		-4010 Feb 13 j 09:52	29° $\underline{\Omega}$ 43'47	
morning set	-4013 Aug 11 j 18:28	6° $\underline{\Omega}$ 33'27		inferior conj		-4010 Feb 16 j 23:24	27° $\underline{\Omega}$ 28'43	8°16'01

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-4010 Feb 17 j 00:36	27°☾26'48	8°15'51			-4008 Jul 21 j 06:23	0°☾	
min. Earth dist.	-4010 Feb 16 j 16:49	27°☾39'16	0.29110 AU	evening rise		-4008 Aug 12 j 14:37	28°☾00'20	
morning rise	-4010 Feb 20 j 15:33	25°☾10'00				-4008 Aug 14 j 04:46	0°♈	
direct	-4010 Mar 10 j 10:25	19°☾06'50				-4008 Sep 07 j 02:48	0°♍	
greatest brilliancy	-4010 Mar 22 j 10:33	21°☾41'08	-4.5m	desc. node		-4008 Sep 27 j 03:41	25°♍04'06	
	-4010 Apr 05 j 23:34	0°♊				-4008 Oct 01 j 02:31	0°♊	
desc. node	-4010 Apr 12 j 09:06	4°♊51'22				-4008 Oct 25 j 05:29	0°♋	
morning max el	-4010 Apr 28 j 06:10	18°♊53'05	45°48'49			-4008 Nov 18 j 13:40	0°♌	
	-4010 May 09 j 12:25	0°♍				-4008 Dec 13 j 07:12	0°☾	
	-4010 Jun 06 j 09:50	0°♎				-4007 Jan 07 j 19:18	0°♊	
	-4010 Jul 02 j 11:21	0°♏		asc. node		-4007 Jan 17 j 23:15	11°♊31'34	
	-4010 Jul 27 j 12:27	0°♐				-4007 Feb 04 j 00:15	0°♋	
asc. node	-4010 Aug 03 j 06:17	8°♐13'40		evening max el		-4007 Feb 16 j 05:26	12°♋18'41	45°20'27
	-4010 Aug 20 j 21:41	0°☾				-4007 Mar 08 j 15:29	0°♎	
	-4010 Sep 13 j 21:10	0°♈		greatest brilliancy		-4007 Mar 22 j 07:20	8°♎23'41	-4.5m
	-4010 Oct 07 j 16:18	0°♍		retrograde		-4007 Apr 05 j 13:47	11°♎55'54	
morning set	-4010 Oct 25 j 21:14	22°♍58'03		evening set		-4007 Apr 21 j 03:02	7°♎20'15	
	-4010 Oct 31 j 11:14	0°♊		inferior conj		-4007 Apr 27 j 00:54	3°♎47'15	2°53'06
desc. node	-4010 Nov 23 j 02:15	28°♊25'33		minimum elong		-4007 Apr 27 j 06:48	3°♎38'01	2°51'32
	-4010 Nov 24 j 08:24	0°♋		min. Earth dist.		-4007 Apr 27 j 18:04	3°♎20'23	0.29041 AU
				morning rise		-4007 May 03 j 10:04	29°♋57'01	
superior conj	-4010 Dec 07 j 02:59	15°♋58'48	0°-31'-51			-4007 May 03 j 07:54	30°♋	
minimum elong	-4010 Dec 06 j 18:56	15°♋33'37	0°31'38	desc. node		-4007 May 09 j 20:24	27°♋00'15	
max. Earth dist.	-4010 Dec 11 j 23:03	22°♋01'08	1.71752 AU	direct		-4007 May 18 j 20:36	25°♋25'07	
	-4010 Dec 18 j 08:40	0°♌		greatest brilliancy		-4007 Jun 02 j 05:05	28°♋58'57	-4.5m
	-4009 Jan 11 j 12:09	0°☾				-4007 Jun 04 j 06:44	0°♎	
evening rise	-4009 Jan 17 j 00:34	6°☾49'55		morning max el		-4007 Jul 07 j 03:34	25°♎52'29	46°09'31
	-4009 Feb 04 j 19:07	0°♊				-4007 Jul 11 j 07:54	0°♏	
	-4009 Mar 01 j 06:36	0°♋				-4007 Aug 08 j 06:10	0°♐	
asc. node	-4009 Mar 15 j 21:26	17°♋46'35		asc. node		-4007 Aug 30 j 18:01	26°♐11'39	
	-4009 Mar 26 j 00:11	0°♎				-4007 Sep 02 j 22:25	0°☾	
	-4009 Apr 20 j 01:58	0°♏				-4007 Sep 27 j 13:39	0°♈	
	-4009 May 15 j 15:26	0°♐				-4007 Oct 21 j 17:12	0°♍	
	-4009 Jun 11 j 00:30	0°☾				-4007 Nov 14 j 17:09	0°♊	
desc. node	-4009 Jul 05 j 17:32	26°☾29'32				-4007 Dec 08 j 18:04	0°♋	
	-4009 Jul 09 j 04:32	0°♈		desc. node		-4007 Dec 20 j 14:35	14°♋44'44	
evening max el	-4009 Jul 13 j 19:21	4°♈34'32	46°39'02			-4006 Jan 01 j 21:36	0°♌	
	-4009 Aug 13 j 20:16	0°♍		morning set		-4006 Jan 11 j 00:21	11°♌17'23	
greatest brilliancy	-4009 Aug 22 j 09:50	4°♍07'06	-4.6m			-4006 Jan 26 j 03:41	0°☾	
retrograde	-4009 Sep 01 j 18:54	6°♍05'49						
evening set	-4009 Sep 18 j 13:54	0°♍41'48		superior conj		-4006 Feb 19 j 06:49	29°☾45'01	-1°-23'-2
	-4009 Sep 19 j 18:26	30°♋		minimum elong		-4006 Feb 19 j 08:58	29°☾51'38	1°23'12
inferior conj	-4009 Sep 22 j 08:57	28°♋25'53	-7°-28'-51			-4006 Feb 19 j 11:41	0°♊	
minimum elong	-4009 Sep 22 j 19:10	28°♋10'24	7°26'56	max. Earth dist.		-4006 Feb 21 j 02:33	1°♊59'35	1.73315 AU
min. Earth dist.	-4009 Sep 22 j 16:45	28°♋14'03	0.26568 AU			-4006 Mar 15 j 21:18	0°♋	
morning rise	-4009 Sep 27 j 00:20	25°♋41'22		evening rise		-4006 Mar 28 j 10:40	15°♋24'17	
direct	-4009 Oct 12 j 18:48	20°♋49'42				-4006 Apr 09 j 08:30	0°♎	
greatest brilliancy	-4009 Oct 25 j 06:26	23°♋45'59	-4.7m	asc. node		-4006 Apr 12 j 09:42	3°♎44'02	
asc. node	-4009 Oct 26 j 14:31	24°♋23'13				-4006 May 03 j 21:24	0°♏	
	-4009 Nov 04 j 23:54	0°♍				-4006 May 28 j 12:23	0°♐	
morning max el	-4009 Dec 02 j 10:33	24°♍19'03	46°44'58			-4006 Jun 22 j 06:37	0°☾	
	-4009 Dec 07 j 22:43	0°♊				-4006 Jul 17 j 06:44	0°♈	
	-4008 Jan 04 j 05:56	0°♋		desc. node		-4006 Aug 02 j 05:17	18°♈51'39	
	-4008 Jan 30 j 05:36	0°♌				-4006 Aug 11 j 18:07	0°♍	
desc. node	-4008 Feb 15 j 12:21	19°♌07'30				-4006 Sep 07 j 05:02	0°♊	
	-4008 Feb 24 j 16:57	0°☾		evening max el		-4006 Sep 24 j 21:32	18°♊46'16	47°35'58
	-4008 Mar 20 j 21:15	0°♋				-4006 Oct 06 j 10:09	0°♋	
	-4008 Apr 14 j 19:46	0°♌		greatest brilliancy		-4006 Nov 02 j 06:50	19°♋38'10	-4.7m
	-4008 May 09 j 12:40	0°♎		retrograde		-4006 Nov 14 j 23:53	22°♋41'32	
morning set	-4008 May 31 j 03:10	26°♎28'45		asc. node		-4006 Nov 23 j 02:05	21°♋19'15	
	-4008 Jun 02 j 23:47	0°♏		evening set		-4006 Nov 29 j 16:18	18°♋19'45	
asc. node	-4008 Jun 07 j 08:16	5°♏22'08		min. Earth dist.		-4006 Dec 04 j 19:29	15°♋15'10	0.27043 AU
	-4008 Jun 27 j 05:21	0°♐		inferior conj		-4006 Dec 05 j 18:39	14°♋38'48	3°07'22
max. Earth dist.	-4008 Jul 01 j 22:18	5°♐51'24	1.72312 AU	minimum elong		-4006 Dec 05 j 12:16	14°♋48'50	3°05'23
				morning rise		-4006 Dec 11 j 09:01	11°♋16'13	
superior conj	-4008 Jul 06 j 10:56	11°♐29'46	1°01'17	direct		-4006 Dec 26 j 04:59	6°♋51'55	
minimum elong	-4008 Jul 06 j 02:05	11°♐02'13	1°01'09	greatest brilliancy		-4005 Jan 05 j 22:48	9°♋00'25	-4.6m

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4005 Feb 05 j 04:05	0°♊					-4003 Sep 17 j 04:57	0°♎			
morning max el	-4005 Feb 13 j 10:52	7°♊45'51	46°08'44				-4003 Oct 12 j 01:56	0°♍			
	-4005 Mar 07 j 04:00	0°♌					-4003 Nov 06 j 16:32	0°♏			
desc. node	-4005 Mar 14 j 23:54	8°♌27'31					-4003 Dec 04 j 04:25	0°♐			
	-4005 Apr 03 j 08:05	0°♑				evening max el	-4003 Dec 04 j 23:07	0°♐47'35	46°42'46		
	-4005 Apr 29 j 08:55	0°♒				asc. node	-4003 Dec 20 j 13:43	15°♐35'43			
	-4005 May 24 j 17:17	0°♓				greatest brilliancy	-4002 Jan 09 j 10:15	29°♐40'34	-4.6m		
	-4005 Jun 18 j 13:10	0°♈					-4002 Jan 10 j 01:59	0°♑			
asc. node	-4005 Jul 05 j 20:30	21°♈13'52				retrograde	-4002 Jan 24 j 08:43	3°♑42'33			
	-4005 Jul 12 j 22:41	0°♉					-4002 Feb 06 j 20:30	30°♑			
	-4005 Aug 06 j 00:03	0°♊				evening set	-4002 Feb 11 j 02:24	27°♑33'19			
morning set	-4005 Aug 09 j 08:51	4°♊13'25				inferior conj	-4002 Feb 14 j 16:00	25°♑17'55	8°17'24		
	-4005 Aug 29 j 20:16	0°♋				minimum elong	-4002 Feb 14 j 16:29	25°♑17'07	8°17'15		
						min. Earth dist.	-4002 Feb 14 j 07:40	25°♑31'15	0.29067 AU		
superior conj	-4005 Sep 17 j 08:11	23°♋20'48	1°13'45			morning rise	-4002 Feb 18 j 06:51	23°♑01'10			
minimum elong	-4005 Sep 17 j 17:30	23°♋50'12	1°13'39			direct	-4002 Mar 08 j 02:54	16°♑57'02			
max. Earth dist.	-4005 Sep 17 j 17:07	23°♋49'01	1.70903 AU			greatest brilliancy	-4002 Mar 19 j 22:58	19°♑27'48	-4.5m		
	-4005 Sep 22 j 14:40	0°♌					-4002 Apr 06 j 13:58	0°♒			
	-4005 Oct 16 j 09:59	0°♍				desc. node	-4002 Apr 11 j 11:09	3°♒51'04			
desc. node	-4005 Oct 25 j 16:03	11°♍37'51				morning max el	-4002 Apr 25 j 22:32	16°♒44'57	45°48'49		
evening rise	-4005 Oct 29 j 06:58	16°♍10'33					-4002 May 09 j 06:53	0°♓			
	-4005 Nov 09 j 07:46	0°♎					-4002 Jun 06 j 00:10	0°♓			
	-4005 Dec 03 j 08:50	0°♏					-4002 Jul 02 j 00:00	0°♈			
	-4005 Dec 27 j 14:18	0°♐					-4002 Jul 27 j 00:19	0°♉			
	-4004 Jan 21 j 02:36	0°♑				asc. node	-4002 Aug 02 j 08:21	7°♉44'05			
asc. node	-4004 Feb 15 j 11:16	0°♒26'57					-4002 Aug 20 j 09:09	0°♊			
	-4004 Feb 15 j 02:11	0°♓					-4002 Sep 13 j 08:27	0°♋			
	-4004 Mar 11 j 20:30	0°♈					-4002 Oct 07 j 03:29	0°♌			
	-4004 Apr 08 j 00:51	0°♉				morning set	-4002 Oct 23 j 07:16	20°♌23'25			
evening max el	-4004 Apr 28 j 03:50	20°♉19'47	45°17'39				-4002 Oct 30 j 22:20	0°♍			
	-4004 May 08 j 19:51	0°♊				desc. node	-4002 Nov 22 j 04:27	27°♍57'54			
greatest brilliancy	-4004 Jun 03 j 18:05	17°♊15'35	-4.5m				-4002 Nov 23 j 19:26	0°♎			
desc. node	-4004 Jun 06 j 08:07	18°♊12'04									
retrograde	-4004 Jun 15 j 19:31	19°♊48'54				superior conj	-4002 Dec 04 j 12:20	13°♎23'38	0°-28'-10		
evening set	-4004 Jul 01 j 13:20	15°♊08'38				minimum elong	-4002 Dec 04 j 05:03	13°♎00'54	0°27'58		
inferior conj	-4004 Jul 06 j 22:21	11°♊59'44	-6°-30'-10			max. Earth dist.	-4002 Dec 09 j 12:33	19°♎39'07	1.71696 AU		
minimum elong	-4004 Jul 06 j 11:58	12°♊15'28	6°27'56				-4002 Dec 17 j 19:39	0°♏			
min. Earth dist.	-4004 Jul 07 j 05:38	11°♊48'43	0.27872 AU				-4001 Jan 10 j 23:06	0°♐			
morning rise	-4004 Jul 11 j 10:12	9°♊19'27				evening rise	-4001 Jan 14 j 13:25	4°♐27'15			
direct	-4004 Jul 28 j 04:34	4°♊00'19					-4001 Feb 04 j 06:08	0°♑			
greatest brilliancy	-4004 Aug 11 j 14:15	7°♊42'12	-4.6m				-4001 Feb 28 j 17:46	0°♒			
	-4004 Sep 09 j 21:26	0°♓				asc. node	-4001 Mar 14 j 23:30	17°♒18'29			
morning max el	-4004 Sep 16 j 16:13	6°♓41'28	46°45'38				-4001 Mar 25 j 11:41	0°♓			
asc. node	-4004 Sep 27 j 05:26	17°♓45'14					-4001 Apr 19 j 14:09	0°♈			
	-4004 Oct 08 j 07:11	0°♈					-4001 May 15 j 04:55	0°♉			
	-4004 Nov 03 j 01:00	0°♉					-4001 Jun 10 j 16:30	0°♊			
	-4004 Nov 27 j 21:37	0°♋				desc. node	-4001 Jul 04 j 19:35	25°♊41'06			
	-4004 Dec 22 j 11:46	0°♌					-4001 Jul 09 j 02:56	0°♋			
	-4003 Jan 16 j 01:01	0°♍				evening max el	-4001 Jul 11 j 08:13	2°♋10'52	46°35'40		
desc. node	-4003 Jan 17 j 02:36	1°♍18'06					-4001 Aug 15 j 23:44	0°♌			
	-4003 Feb 09 j 14:40	0°♎				greatest brilliancy	-4001 Aug 19 j 22:58	1°♌39'45	-4.6m		
	-4003 Mar 06 j 04:18	0°♏				retrograde	-4001 Aug 30 j 06:09	3°♌36'25			
morning set	-4003 Mar 23 j 02:39	20°♏41'43					-4001 Sep 12 j 19:19	30°♌			
	-4003 Mar 30 j 17:07	0°♐				evening set	-4001 Sep 16 j 05:11	28°♌08'10			
	-4003 Apr 24 j 04:26	0°♑				inferior conj	-4001 Sep 19 j 20:56	25°♌56'54	-7°-41'-52		
max. Earth dist.	-4003 Apr 25 j 23:48	2°♑13'09	1.73662 AU			minimum elong	-4001 Sep 20 j 06:45	25°♌41'59	7°40'08		
						min. Earth dist.	-4001 Sep 20 j 05:23	25°♌44'03	0.26601 AU		
superior conj	-4003 Apr 28 j 04:12	4°♑54'05	0°-27'-3			morning rise	-4001 Sep 24 j 08:13	23°♌17'49			
minimum elong	-4003 Apr 28 j 09:16	5°♑09'39	0°26'50			direct	-4001 Oct 10 j 07:01	18°♌20'21			
asc. node	-4003 May 09 j 22:10	19°♑20'58				greatest brilliancy	-4001 Oct 22 j 20:14	21°♌17'34	-4.7m		
	-4003 May 18 j 13:45	0°♒				asc. node	-4001 Oct 25 j 16:47	22°♌40'54			
evening rise	-4003 Jun 02 j 19:18	18°♒47'38					-4001 Nov 05 j 22:21	0°♓			
	-4003 Jun 11 j 20:56	0°♓				morning max el	-4001 Nov 29 j 22:41	21°♓49'23	46°45'49		
	-4003 Jul 06 j 02:41	0°♈					-4001 Dec 07 j 19:27	0°♈			
	-4003 Jul 30 j 08:30	0°♉					-4000 Jan 03 j 21:41	0°♊			
	-4003 Aug 23 j 16:26	0°♋					-4000 Jan 29 j 19:12	0°♌			
desc. node	-4003 Aug 29 j 17:26	7°♋25'12				desc. node	-4000 Feb 14 j 14:24	18°♋35'51			

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-4000 Feb 24 j 05:22	0°☾		evening max el	-3998 Sep 22 j 11:19	16°☾21'35	47°35'54
	-4000 Mar 20 j 08:55	0°≈			-3998 Oct 06 j 15:42	0°♌	
	-4000 Apr 14 j 06:58	0°✠		greatest brilliancy	-3998 Oct 30 j 22:42	17°♌14'32	-4.7m
	-4000 May 08 j 23:35	0°♍		retrograde	-3998 Nov 12 j 14:00	20°♌16'17	
morning set	-4000 May 28 j 21:47	24°♍25'09		asc. node	-3998 Nov 22 j 04:15	18°♌20'41	
	-4000 Jun 02 j 10:34	0°♌		evening set	-3998 Nov 27 j 05:08	15°♌55'58	
asc. node	-4000 Jun 06 j 10:28	4°♌55'42		min. Earth dist.	-3998 Dec 02 j 09:59	12°♌49'32	0.26983 AU
	-4000 Jun 26 j 16:07	0°♌		inferior conj	-3998 Dec 03 j 08:23	12°♌14'30	2°46'10
max. Earth dist.	-4000 Jun 29 j 15:18	3°♌41'24	1.72374 AU	minimum elong	-3998 Dec 03 j 02:37	12°♌23'31	2°44'21
				morning rise	-3998 Dec 09 j 00:51	8°♌49'31	
superior conj	-4000 Jul 04 j 04:28	9°♌21'16	0°59'02	direct	-3998 Dec 23 j 17:50	4°♌28'23	
minimum elong	-4000 Jul 03 j 19:39	8°♌53'50	0°58'54	greatest brilliancy	-3997 Jan 03 j 13:28	6°♌38'58	-4.6m
	-4000 Jul 20 j 17:13	0°☿			-3997 Feb 05 j 06:54	0°♌	
evening rise	-4000 Aug 10 j 05:09	25°☿40'58		morning max el	-3997 Feb 11 j 01:34	5°♌28'47	46°10'00
	-4000 Aug 13 j 15:46	0°♌			-3997 Mar 06 j 21:11	0°☾	
	-4000 Sep 06 j 14:01	0°♍		desc. node	-3997 Mar 14 j 02:01	7°☾49'22	
desc. node	-4000 Sep 26 j 05:46	24°♍34'56			-3997 Apr 02 j 22:09	0°≈	
	-4000 Sep 30 j 13:59	0°♌			-3997 Apr 28 j 21:31	0°✠	
	-4000 Oct 24 j 17:16	0°♌			-3997 May 24 j 05:07	0°♍	
	-4000 Nov 18 j 01:53	0°♌			-3997 Jun 18 j 00:35	0°♌	
	-4000 Dec 12 j 20:08	0°☾		asc. node	-3997 Jul 04 j 22:27	20°♌45'17	
	-3999 Jan 07 j 09:46	0°≈			-3997 Jul 12 j 09:52	0°♌	
asc. node	-3999 Jan 17 j 01:20	10°≈54'06			-3997 Aug 05 j 11:09	0°☿	
	-3999 Feb 03 j 18:43	0°✠		morning set	-3997 Aug 06 j 23:24	1°☿53'39	
evening max el	-3999 Feb 13 j 19:42	10°✠04'02	45°22'12		-3997 Aug 29 j 07:22	0°♌	
	-3999 Mar 09 j 07:21	0°♍					
greatest brilliancy	-3999 Mar 19 j 21:38	6°♍13'26	-4.5m	superior conj	-3997 Sep 14 j 19:45	20°♌50'39	1°15'30
retrograde	-3999 Apr 03 j 05:51	9°♍48'39		minimum elong	-3997 Sep 15 j 04:28	21°♌18'07	1°15'26
evening set	-3999 Apr 18 j 21:23	5°♍09'34		max. Earth dist.	-3997 Sep 15 j 01:36	21°♌09'07	1.70915 AU
inferior conj	-3999 Apr 24 j 17:25	1°♍39'12	3°10'53		-3997 Sep 22 j 01:49	0°♍	
minimum elong	-3999 Apr 24 j 23:49	1°♍29'11	3°09'12		-3997 Oct 15 j 21:11	0°♌	
min. Earth dist.	-3999 Apr 25 j 10:57	1°♍11'45	0.29073 AU	desc. node	-3997 Oct 24 j 18:16	11°♌09'34	
	-3999 Apr 27 j 09:09	30°♌		evening rise	-3997 Oct 26 j 15:48	13°♌32'27	
morning rise	-3999 May 01 j 01:41	27°♌49'52			-3997 Nov 08 j 19:02	0°♌	
desc. node	-3999 May 08 j 22:41	24°♌23'54			-3997 Dec 02 j 20:11	0°♌	
direct	-3999 May 16 j 12:35	23°♌16'16			-3997 Dec 27 j 01:50	0°☾	
greatest brilliancy	-3999 May 30 j 21:24	26°♌49'49	-4.5m		-3996 Jan 20 j 14:31	0°≈	
	-3999 Jun 05 j 19:26	0°♍		asc. node	-3996 Feb 14 j 13:21	29°≈55'38	
morning max el	-3999 Jul 04 j 19:05	23°♍39'48	46°08'30		-3996 Feb 14 j 14:49	0°✠	
	-3999 Jul 11 j 04:15	0°♌			-3996 Mar 11 j 10:37	0°♍	
	-3999 Aug 07 j 21:21	0°♌			-3996 Apr 07 j 18:30	0°♌	
asc. node	-3999 Aug 29 j 20:07	25°♌37'52		evening max el	-3996 Apr 25 j 19:35	18°♌07'55	45°16'12
	-3999 Sep 02 j 11:41	0°☿			-3996 May 09 j 02:34	0°♌	
	-3999 Sep 27 j 02:00	0°♌		greatest brilliancy	-3996 Jun 01 j 05:03	14°♌55'37	-4.5m
	-3999 Oct 21 j 05:03	0°♍		desc. node	-3996 Jun 05 j 10:09	16°♌22'11	
	-3999 Nov 14 j 04:44	0°♌		retrograde	-3996 Jun 13 j 09:33	17°♌31'16	
	-3999 Dec 08 j 05:27	0°♌		evening set	-3996 Jun 29 j 00:11	12°♌55'09	
desc. node	-3999 Dec 19 j 16:38	14°♌16'05		inferior conj	-3996 Jul 04 j 12:21	9°♌41'30	-6°-14'-52
	-3998 Jan 01 j 08:48	0°♌		minimum elong	-3996 Jul 04 j 01:58	9°♌57'14	6°12'31
morning set	-3998 Jan 08 j 12:09	8°♌50'51		min. Earth dist.	-3996 Jul 04 j 19:26	9°♌30'44	0.27914 AU
	-3998 Jan 25 j 14:42	0°☾		morning rise	-3996 Jul 09 j 03:22	6°♌56'32	
				direct	-3996 Jul 25 j 19:53	1°♌41'22	
superior conj	-3998 Feb 16 j 22:30	27°☾32'02	-1°-23'-22	greatest brilliancy	-3996 Aug 09 j 05:08	5°♌23'02	-4.6m
minimum elong	-3998 Feb 16 j 23:54	27°☾36'21	1°23'32		-3996 Sep 09 j 22:28	0°☿	
	-3998 Feb 18 j 22:34	0°≈		morning max el	-3996 Sep 14 j 06:58	4°☿20'10	46°44'48
max. Earth dist.	-3998 Feb 18 j 19:22	29°☾50'08	1.73273 AU	asc. node	-3996 Sep 26 j 07:37	16°☿59'08	
	-3998 Mar 15 j 08:09	0°✠			-3996 Oct 08 j 00:14	0°♌	
evening rise	-3998 Mar 26 j 04:30	13°✠18'27			-3996 Nov 02 j 15:23	0°♍	
	-3998 Apr 08 j 19:28	0°♍			-3996 Nov 27 j 10:43	0°♌	
asc. node	-3998 Apr 11 j 11:54	3°♍17'10			-3996 Dec 22 j 00:05	0°♌	
	-3998 May 03 j 08:37	0°♌			-3995 Jan 15 j 12:47	0°♌	
	-3998 May 28 j 00:01	0°♌		desc. node	-3995 Jan 16 j 04:37	0°♌48'22	
	-3998 Jun 21 j 18:53	0°☿			-3995 Feb 09 j 02:05	0°☾	
	-3998 Jul 16 j 19:59	0°♌			-3995 Mar 05 j 15:27	0°≈	
desc. node	-3998 Aug 01 j 07:22	18°♌16'07		morning set	-3995 Mar 20 j 20:32	18°≈35'51	
	-3998 Aug 11 j 09:02	0°♍			-3995 Mar 30 j 04:07	0°✠	
	-3998 Sep 06 j 23:23	0°♌			-3995 Apr 23 j 15:22	0°♍	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

max. Earth dist.	-3995 Apr 23 j 22:47	0°Υ22'48	1.73678 AU	minimum elong	-3993 Sep 17 j 18:19	23°Ω13'07	7°52'21
				min. Earth dist.	-3993 Sep 17 j 18:19	23°Ω13'06	0.26637 AU
superior conj	-3995 Apr 25 j 23:03	2°Υ50'59	0°-29'-55	morning rise	-3993 Sep 21 j 16:07	20°Ω53'53	
minimum elong	-3995 Apr 26 j 04:35	3°Υ08'00	0°29'41	direct	-3993 Oct 07 j 19:00	15°Ω50'01	
asc. node	-3995 May 09 j 00:17	18°Υ53'52		greatest brilliancy	-3993 Oct 20 j 11:05	18°Ω49'37	-4.7m
	-3995 May 18 j 00:42	0°Ϡ		asc. node	-3993 Oct 24 j 18:57	21°Ω01'26	
evening rise	-3995 May 31 j 14:26	16°Ϡ44'26			-3993 Nov 06 j 15:28	0°൬	
	-3995 Jun 11 j 08:03	0°Π		morning max el	-3993 Nov 27 j 10:53	19°൬18'45	46°46'44
	-3995 Jul 05 j 14:06	0°☾			-3993 Dec 07 j 15:53	0°♎	
	-3995 Jul 29 j 20:19	0°Ω			-3992 Jan 03 j 13:30	0°♌	
	-3995 Aug 23 j 04:46	0°൬			-3992 Jan 29 j 08:58	0°♏	
desc. node	-3995 Aug 28 j 19:34	6°൬53'31		desc. node	-3992 Feb 13 j 16:33	18°♏03'51	
	-3995 Sep 16 j 17:57	0°♎			-3992 Feb 23 j 17:58	0°♏	
	-3995 Oct 11 j 15:58	0°♌			-3992 Mar 19 j 20:46	0°♐	
	-3995 Nov 06 j 08:35	0°♏			-3992 Apr 13 j 18:21	0°♑	
evening max el	-3995 Dec 02 j 15:27	28°♏32'30	46°45'52		-3992 May 08 j 10:42	0°Υ	
	-3995 Dec 04 j 02:04	0°♏		morning set	-3992 May 26 j 16:31	22°Υ21'10	
asc. node	-3995 Dec 19 j 15:45	14°♏34'17			-3992 Jun 01 j 21:35	0°Ϡ	
greatest brilliancy	-3994 Jan 07 j 05:10	27°♏31'54	-4.6m	asc. node	-3992 Jun 05 j 12:28	4°Ϡ27'51	
	-3994 Jan 13 j 02:53	0°♐			-3992 Jun 26 j 03:10	0°Π	
retrograde	-3994 Jan 22 j 01:56	1°♐31'38		max. Earth dist.	-3992 Jun 27 j 09:46	1°Π35'09	1.72440 AU
	-3994 Jan 30 j 15:52	30°♑					
evening set	-3994 Feb 08 j 18:55	25°♏23'19		superior conj	-3992 Jul 01 j 22:01	7°Π11'58	0°56'43
inferior conj	-3994 Feb 12 j 08:49	23°♏07'10	8°18'10	minimum elong	-3992 Jul 01 j 13:17	6°Π44'47	0°56'33
minimum elong	-3994 Feb 12 j 08:37	23°♏07'29	8°18'00		-3992 Jul 20 j 04:23	0°☾	
min. Earth dist.	-3994 Feb 11 j 23:01	23°♏22'53	0.29021 AU	evening rise	-3992 Aug 07 j 19:46	23°☾21'01	
morning rise	-3994 Feb 15 j 22:35	20°♏51'53			-3992 Aug 13 j 03:04	0°Ω	
direct	-3994 Mar 05 j 19:23	14°♏47'19			-3992 Sep 06 j 01:32	0°൬	
greatest brilliancy	-3994 Mar 17 j 11:28	17°♏14'12	-4.5m	desc. node	-3992 Sep 25 j 07:57	24°൬05'06	
	-3994 Apr 07 j 00:56	0°♐			-3992 Sep 30 j 01:46	0°♎	
desc. node	-3994 Apr 10 j 13:24	2°♐52'05			-3992 Oct 24 j 05:22	0°♌	
morning max el	-3994 Apr 23 j 14:16	14°♐34'31	45°48'39		-3992 Nov 17 j 14:25	0°♏	
	-3994 May 09 j 01:12	0°♑			-3992 Dec 12 j 09:25	0°♏	
	-3994 Jun 05 j 14:40	0°Υ			-3991 Jan 07 j 00:39	0°♐	
	-3994 Jul 01 j 12:55	0°Ϡ		asc. node	-3991 Jan 16 j 03:29	10°♐15'50	
	-3994 Jul 26 j 12:26	0°Π			-3991 Feb 03 j 13:53	0°♑	
asc. node	-3994 Aug 01 j 10:30	7°Π13'53		evening max el	-3991 Feb 11 j 10:31	7°♑50'16	45°24'16
	-3994 Aug 19 j 20:53	0°☾			-3991 Mar 10 j 04:54	0°Υ	
	-3994 Sep 12 j 20:00	0°Ω		greatest brilliancy	-3991 Mar 17 j 11:26	4°Υ02'40	-4.5m
	-3994 Oct 06 j 14:56	0°൬		retrograde	-3991 Mar 31 j 22:43	7°Υ42'00	
morning set	-3994 Oct 20 j 17:18	17°൬47'43		evening set	-3991 Apr 16 j 16:06	2°Υ59'13	
	-3994 Oct 30 j 09:43	0°♎			-3991 Apr 21 j 16:02	30°♑	
desc. node	-3994 Nov 21 j 06:28	27°♎28'41		inferior conj	-3991 Apr 22 j 10:14	29°♑31'34	3°28'11
	-3994 Nov 23 j 06:46	0°♌		minimum elong	-3991 Apr 22 j 17:05	29°♑20'50	3°26'25
				min. Earth dist.	-3991 Apr 23 j 03:47	29°♑04'07	0.29106 AU
superior conj	-3994 Dec 01 j 21:47	10°♌47'48	0°-24'-26	morning rise	-3991 Apr 28 j 17:31	25°♑43'36	
minimum elong	-3994 Dec 01 j 15:21	10°♌27'42	0°24'15	desc. node	-3991 May 08 j 00:40	21°♑53'09	
max. Earth dist.	-3994 Dec 07 j 00:36	17°♌11'35	1.71633 AU	direct	-3991 May 14 j 05:06	21°♑07'55	
	-3994 Dec 17 j 06:55	0°♏		greatest brilliancy	-3991 May 28 j 14:12	24°♑41'40	-4.5m
	-3993 Jan 10 j 10:19	0°♏			-3991 Jun 06 j 21:16	0°Υ	
evening rise	-3993 Jan 12 j 02:20	2°♏03'58		morning max el	-3991 Jul 02 j 11:41	21°Υ29'33	46°07'14
	-3993 Feb 03 j 17:21	0°♐			-3991 Jul 11 j 00:08	0°Ϡ	
	-3993 Feb 28 j 05:08	0°♑			-3991 Aug 07 j 12:35	0°Π	
asc. node	-3993 Mar 14 j 01:42	16°♑50'07		asc. node	-3991 Aug 28 j 22:18	25°Π03'41	
	-3993 Mar 24 j 23:27	0°Υ			-3991 Sep 02 j 01:07	0°☾	
	-3993 Apr 19 j 02:42	0°Ϡ			-3991 Sep 26 j 14:34	0°Ω	
	-3993 May 14 j 18:51	0°Π			-3991 Oct 20 j 17:09	0°൬	
	-3993 Jun 10 j 09:10	0°☾			-3991 Nov 13 j 16:31	0°♎	
desc. node	-3993 Jul 03 j 21:40	24°☾50'54			-3991 Dec 07 j 17:01	0°♌	
evening max el	-3993 Jul 08 j 20:14	29°☾44'12	46°32'20	desc. node	-3991 Dec 18 j 18:39	13°♌46'45	
	-3993 Jul 09 j 02:44	0°Ω			-3991 Dec 31 j 20:10	0°♏	
greatest brilliancy	-3993 Aug 17 j 12:23	29°Ω11'50	-4.6m	morning set	-3990 Jan 05 j 23:43	6°♏22'58	
	-3993 Aug 20 j 00:32	0°൬			-3990 Jan 25 j 01:53	0°♏	
retrograde	-3993 Aug 27 j 17:09	1°൬06'30					
	-3993 Sep 04 j 03:54	30°♑		superior conj	-3990 Feb 14 j 14:07	25°♏18'12	-1°-23'-33
evening set	-3993 Sep 13 j 20:21	25°Ω33'53		minimum elong	-3990 Feb 14 j 14:45	25°♏20'08	1°23'44
inferior conj	-3993 Sep 17 j 08:58	23°Ω27'18	-7°-53'-54	max. Earth dist.	-3990 Feb 16 j 11:45	27°♏38'44	1.73230 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3990 Feb 18 j 09:38	0°♊			-3988 Sep 09 j 22:02	0°♉		
	-3990 Mar 14 j 19:11	0°♈		morning max el	-3988 Sep 11 j 20:55	1°♉57'40	46°43'39	
evening rise	-3990 Mar 23 j 22:29	11°♈12'40		asc. node	-3988 Sep 25 j 09:48	16°♉14'16		
	-3990 Apr 08 j 06:33	0°♊			-3988 Oct 07 j 16:50	0°♊		
asc. node	-3990 Apr 10 j 14:01	2°♊49'40			-3988 Nov 02 j 05:37	0°♊		
	-3990 May 02 j 19:56	0°♉			-3988 Nov 26 j 23:45	0°♊		
	-3990 May 27 j 11:45	0°♈			-3988 Dec 21 j 12:23	0°♊		
	-3990 Jun 21 j 07:18	0°♉		desc. node	-3987 Jan 15 j 06:51	0°♊19'11		
	-3990 Jul 16 j 09:30	0°♊			-3987 Jan 15 j 00:34	0°♊		
desc. node	-3990 Jul 31 j 09:29	17°♊39'54			-3987 Feb 08 j 13:27	0°♊		
	-3990 Aug 11 j 00:23	0°♊			-3987 Mar 05 j 02:33	0°♊		
	-3990 Sep 06 j 18:31	0°♊		morning set	-3987 Mar 18 j 14:07	16°♊29'19		
evening max el	-3990 Sep 20 j 02:09	13°♊58'46	47°35'39		-3987 Mar 29 j 15:02	0°♈		
	-3990 Oct 06 j 23:57	0°♊		max. Earth dist.	-3987 Apr 21 j 20:21	28°♈28'25	1.73690 AU	
greatest brilliancy	-3990 Oct 28 j 14:02	14°♊49'04	-4.7m		-3987 Apr 23 j 02:11	0°♊		
retrograde	-3990 Nov 10 j 04:26	17°♊49'33						
asc. node	-3990 Nov 21 j 06:15	15°♊15'47		superior conj	-3987 Apr 23 j 17:53	0°♊48'12	0°-32'-45	
evening set	-3990 Nov 24 j 17:58	13°♊30'33		minimum elong	-3987 Apr 23 j 23:52	1°♊06'34	0°32'30	
min. Earth dist.	-3990 Nov 30 j 00:02	10°♊22'43	0.26921 AU	asc. node	-3987 May 08 j 02:18	18°♊26'43		
inferior conj	-3990 Nov 30 j 21:51	9°♊48'42	2°24'23		-3987 May 17 j 11:33	0°♈		
minimum elong	-3990 Nov 30 j 16:46	9°♊56'37	2°22'44	evening rise	-3987 May 29 j 09:47	14°♈42'15		
morning rise	-3990 Dec 06 j 16:21	6°♊21'37			-3987 Jun 10 j 19:03	0°♈		
direct	-3990 Dec 21 j 06:55	2°♊03'34			-3987 Jul 05 j 01:20	0°♉		
greatest brilliancy	-3989 Jan 01 j 03:02	4°♊15'18	-4.6m		-3987 Jul 29 j 07:56	0°♊		
	-3989 Feb 05 j 08:29	0°♊			-3987 Aug 22 j 16:52	0°♊		
morning max el	-3989 Feb 08 j 16:48	3°♊12'34	46°11'18	desc. node	-3987 Aug 27 j 21:44	6°♊22'39		
	-3989 Mar 06 j 14:07	0°♈			-3987 Sep 16 j 06:45	0°♊		
desc. node	-3989 Mar 13 j 04:11	7°♈11'28			-3987 Oct 11 j 05:55	0°♊		
	-3989 Apr 02 j 12:10	0°♊			-3987 Nov 06 j 00:48	0°♊		
	-3989 Apr 28 j 10:06	0°♈		evening max el	-3987 Nov 30 j 06:59	26°♊15'06	46°48'41	
	-3989 May 23 j 16:55	0°♊			-3987 Dec 04 j 00:36	0°♈		
	-3989 Jun 17 j 11:56	0°♈		asc. node	-3987 Dec 18 j 17:58	13°♈31'32		
asc. node	-3989 Jul 04 j 00:40	20°♈17'39		greatest brilliancy	-3986 Jan 05 j 00:07	25°♈22'26	-4.6m	
	-3989 Jul 11 j 21:00	0°♈		retrograde	-3986 Jan 19 j 18:22	29°♈19'38		
morning set	-3989 Aug 04 j 14:23	29°♈35'26		evening set	-3986 Feb 06 j 10:50	23°♈12'53		
	-3989 Aug 04 j 22:13	0°♉		min. Earth dist.	-3986 Feb 09 j 14:29	21°♈13'04	0.28972 AU	
	-3989 Aug 28 j 18:30	0°♊		inferior conj	-3986 Feb 10 j 01:21	20°♈55'36	8°18'05	
				minimum elong	-3986 Feb 10 j 00:27	20°♈57'03	8°17'54	
superior conj	-3989 Sep 12 j 07:32	18°♊21'00	1°17'05	morning rise	-3986 Feb 13 j 14:20	18°♈41'17		
minimum elong	-3989 Sep 12 j 15:33	18°♊46'17	1°17'02	direct	-3986 Mar 03 j 11:07	12°♈36'46		
max. Earth dist.	-3989 Sep 12 j 07:50	18°♊21'54	1.70938 AU	greatest brilliancy	-3986 Mar 15 j 00:30	15°♈00'39	-4.5m	
	-3989 Sep 21 j 13:03	0°♊			-3986 Apr 07 j 09:01	0°♊		
	-3989 Oct 15 j 08:30	0°♊		desc. node	-3986 Apr 09 j 15:27	1°♊54'06		
desc. node	-3989 Oct 23 j 20:15	10°♊40'11		morning max el	-3986 Apr 21 j 05:01	12°♊21'54	45°48'41	
evening rise	-3989 Oct 24 j 00:12	10°♊52'34			-3986 May 08 j 18:57	0°♈		
	-3989 Nov 08 j 06:25	0°♊			-3986 Jun 05 j 04:50	0°♊		
	-3989 Dec 02 j 07:40	0°♊			-3986 Jul 01 j 01:32	0°♈		
	-3989 Dec 26 j 13:29	0°♈			-3986 Jul 26 j 00:17	0°♈		
	-3988 Jan 20 j 02:31	0°♊		asc. node	-3986 Jul 31 j 12:39	6°♈44'34		
asc. node	-3988 Feb 13 j 15:33	29°♊24'29			-3986 Aug 19 j 08:20	0°♉		
	-3988 Feb 14 j 03:34	0°♈			-3986 Sep 12 j 07:15	0°♊		
	-3988 Mar 11 j 00:55	0°♊			-3986 Oct 06 j 02:04	0°♊		
	-3988 Apr 07 j 12:30	0°♈		morning set	-3986 Oct 18 j 03:48	15°♊14'25		
evening max el	-3988 Apr 23 j 11:33	15°♈56'54	45°14'55		-3986 Oct 29 j 20:48	0°♊		
	-3988 May 09 j 11:29	0°♈		desc. node	-3986 Nov 20 j 08:32	27°♊00'31		
greatest brilliancy	-3988 May 29 j 17:30	12°♈38'30	-4.5m		-3986 Nov 22 j 17:48	0°♊		
desc. node	-3988 Jun 04 j 12:14	14°♈29'28						
retrograde	-3988 Jun 10 j 23:29	15°♈15'16		superior conj	-3986 Nov 29 j 07:11	8°♊12'36	0°-20'-38	
evening set	-3988 Jun 26 j 11:40	10°♈43'15		minimum elong	-3986 Nov 29 j 01:41	7°♊55'23	0°20'29	
inferior conj	-3988 Jul 02 j 02:45	7°♈25'11	-5°-59'-9	max. Earth dist.	-3986 Dec 04 j 09:57	14°♊36'24	1.71580 AU	
minimum elong	-3988 Jul 01 j 16:27	7°♈40'50	5°56'44		-3986 Dec 16 j 17:57	0°♊		
min. Earth dist.	-3988 Jul 02 j 09:53	7°♈14'20	0.27953 AU	evening rise	-3985 Jan 09 j 14:42	29°♊39'23		
morning rise	-3988 Jul 06 j 20:51	4°♈35'30			-3985 Jan 09 j 21:21	0°♈		
	-3988 Jul 18 j 00:24	30°♈			-3985 Feb 03 j 04:25	0°♊		
direct	-3988 Jul 23 j 11:17	29°♈24'30			-3985 Feb 27 j 16:22	0°♈		
	-3988 Jul 29 j 00:54	0°♈		asc. node	-3985 Mar 13 j 03:46	16°♈21'43		
greatest brilliancy	-3988 Aug 06 j 19:25	3°♈04'31	-4.6m		-3985 Mar 24 j 11:05	0°♊		

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3985 Apr 18 j 15:08	0°♄			-3983 Nov 13 j 03:59	0°♊		
	-3985 May 14 j 08:43	0°♈			-3983 Dec 07 j 04:13	0°♌		
	-3985 Jun 10 j 01:53	0°♊		desc. node	-3983 Dec 17 j 20:52	13°♌19'08		
desc. node	-3985 Jul 02 j 23:54	24°♊01'00			-3983 Dec 31 j 07:10	0°♈		
evening max el	-3985 Jul 06 j 07:58	27°♊17'52	46°29'09	morning set	-3982 Jan 03 j 11:33	3°♈56'53		
	-3985 Jul 09 j 03:17	0°♊			-3982 Jan 24 j 12:42	0°♉		
greatest brilliancy	-3985 Aug 15 j 01:09	26°♊44'35	-4.6m					
retrograde	-3985 Aug 25 j 04:30	28°♊38'26		superior conj	-3982 Feb 12 j 05:46	23°♉05'26	-1°-23'-36	
evening set	-3985 Sep 11 j 11:29	23°♊01'15		minimum elong	-3982 Feb 12 j 05:37	23°♉04'59	1°23'48	
inferior conj	-3985 Sep 14 j 21:07	20°♊59'19	-8°-4'-54	max. Earth dist.	-3982 Feb 14 j 06:20	25°♉35'04	1.73191 AU	
minimum elong	-3985 Sep 15 j 05:57	20°♊45'57	8°03'32		-3982 Feb 17 j 20:22	0°♈		
min. Earth dist.	-3985 Sep 15 j 07:14	20°♊44'00	0.26672 AU		-3982 Mar 14 j 05:55	0°♈		
morning rise	-3985 Sep 19 j 00:12	18°♊31'50		evening rise	-3982 Mar 21 j 16:26	9°♈07'37		
direct	-3985 Oct 05 j 07:08	13°♊21'14			-3982 Apr 07 j 17:25	0°♈		
greatest brilliancy	-3985 Oct 18 j 02:28	16°♊24'08	-4.7m	asc. node	-3982 Apr 09 j 16:03	2°♈22'39		
asc. node	-3985 Oct 23 j 20:57	19°♊27'00			-3982 May 02 j 07:03	0°♈		
	-3985 Nov 07 j 03:38	0°♈			-3982 May 26 j 23:19	0°♈		
morning max el	-3985 Nov 24 j 23:45	16°♈51'11	46°47'37		-3982 Jun 20 j 19:34	0°♈		
	-3985 Dec 07 j 11:13	0°♈			-3982 Jul 15 j 22:53	0°♊		
	-3984 Jan 03 j 04:41	0°♌		desc. node	-3982 Jul 30 j 11:37	17°♊04'14		
	-3984 Jan 28 j 22:17	0°♈			-3982 Aug 10 j 15:41	0°♈		
desc. node	-3984 Feb 12 j 18:39	17°♈32'45			-3982 Sep 06 j 13:52	0°♈		
	-3984 Feb 23 j 06:14	0°♉		evening max el	-3982 Sep 17 j 17:44	11°♈38'44	47°35'17	
	-3984 Mar 19 j 08:21	0°♈			-3982 Oct 07 j 10:36	0°♌		
	-3984 Apr 13 j 05:29	0°♈		greatest brilliancy	-3982 Oct 26 j 05:41	12°♌24'48	-4.7m	
	-3984 May 07 j 21:34	0°♈		retrograde	-3982 Nov 07 j 19:00	15°♌23'17		
morning set	-3984 May 24 j 11:00	20°♈17'16		asc. node	-3982 Nov 20 j 08:32	12°♌06'43		
	-3984 Jun 01 j 08:21	0°♈		evening set	-3982 Nov 22 j 07:03	11°♌05'39		
asc. node	-3984 Jun 04 j 14:38	4°♈01'23		min. Earth dist.	-3982 Nov 27 j 14:01	7°♌56'35	0.26857 AU	
max. Earth dist.	-3984 Jun 25 j 05:29	29°♈33'42	1.72502 AU	inferior conj	-3982 Nov 28 j 11:16	7°♌23'29	2°02'09	
	-3984 Jun 25 j 13:57	0°♈		minimum elong	-3982 Nov 28 j 06:54	7°♌30'17	2°00'44	
				morning rise	-3982 Dec 04 j 07:39	3°♌54'26		
superior conj	-3984 Jun 29 j 15:26	5°♈03'12	0°54'18		-3982 Dec 14 j 19:11	30°♌		
minimum elong	-3984 Jun 29 j 06:49	4°♈36'23	0°54'08	direct	-3982 Dec 18 j 20:19	29°♌39'35		
	-3984 Jul 19 j 15:15	0°♈			-3982 Dec 22 j 23:34	0°♌		
evening rise	-3984 Aug 05 j 10:36	21°♈02'41		greatest brilliancy	-3982 Dec 29 j 15:55	1°♌51'31	-4.6m	
	-3984 Aug 12 j 14:06	0°♊			-3981 Feb 05 j 08:24	0°♈		
	-3984 Sep 05 j 12:45	0°♈		morning max el	-3981 Feb 06 j 07:44	0°♈56'30	46°12'36	
desc. node	-3984 Sep 24 j 09:57	23°♈35'45			-3981 Mar 06 j 06:23	0°♉		
	-3984 Sep 29 j 13:13	0°♈		desc. node	-3981 Mar 12 j 06:14	6°♉34'38		
	-3984 Oct 23 j 17:06	0°♌			-3981 Apr 02 j 01:43	0°♈		
	-3984 Nov 17 j 02:35	0°♈			-3981 Apr 27 j 22:22	0°♈		
	-3984 Dec 11 j 22:22	0°♉			-3981 May 23 j 04:30	0°♈		
asc. node	-3983 Jan 06 j 15:18	0°♈			-3981 Jun 16 j 23:08	0°♈		
	-3983 Jan 15 j 05:40	9°♈38'22		asc. node	-3981 Jul 03 j 02:50	19°♈50'15		
	-3983 Feb 03 j 09:16	0°♈			-3981 Jul 11 j 08:01	0°♈		
evening max el	-3983 Feb 09 j 02:04	5°♈39'01	45°26'11	morning set	-3981 Aug 02 j 05:16	27°♈17'23		
	-3983 Mar 11 j 10:32	0°♈			-3981 Aug 04 j 09:10	0°♈		
greatest brilliancy	-3983 Mar 15 j 01:32	1°♈52'39	-4.5m		-3981 Aug 28 j 05:28	0°♊		
retrograde	-3983 Mar 29 j 15:44	5°♈35'17						
evening set	-3983 Apr 14 j 10:46	0°♈48'48		superior conj	-3981 Sep 09 j 19:25	15°♊52'18	1°18'30	
	-3983 Apr 15 j 20:45	30°♈		minimum elong	-3981 Sep 10 j 02:39	16°♊15'10	1°18'30	
inferior conj	-3983 Apr 20 j 02:49	27°♈23'50	3°45'19	max. Earth dist.	-3981 Sep 09 j 11:39	15°♊27'50	1.70959 AU	
minimum elong	-3983 Apr 20 j 10:07	27°♈12'26	3°43'27		-3981 Sep 21 j 00:06	0°♈		
min. Earth dist.	-3983 Apr 20 j 20:05	26°♈56'50	0.29139 AU		-3981 Oct 14 j 19:39	0°♈		
morning rise	-3983 Apr 26 j 09:00	23°♈37'33		evening rise	-3981 Oct 21 j 08:35	8°♈13'07		
desc. node	-3983 May 07 j 02:47	19°♈26'52		desc. node	-3981 Oct 22 j 22:21	10°♈11'40		
direct	-3983 May 11 j 21:56	18°♈59'35			-3981 Nov 07 j 17:39	0°♌		
greatest brilliancy	-3983 May 26 j 06:34	22°♈33'20	-4.5m		-3981 Dec 01 j 18:59	0°♈		
	-3983 Jun 07 j 16:06	0°♈			-3981 Dec 26 j 00:59	0°♉		
morning max el	-3983 Jun 30 j 04:40	19°♈21'01	46°06'03		-3980 Jan 19 j 14:22	0°♈		
	-3983 Jul 10 j 19:13	0°♈		asc. node	-3980 Feb 12 j 17:39	28°♈53'36		
	-3983 Aug 07 j 03:20	0°♈			-3980 Feb 13 j 16:09	0°♈		
asc. node	-3983 Aug 28 j 00:24	24°♈30'21			-3980 Mar 10 j 15:06	0°♈		
	-3983 Sep 01 j 14:10	0°♈			-3980 Apr 07 j 06:43	0°♈		
	-3983 Sep 26 j 02:47	0°♊		evening max el	-3980 Apr 21 j 02:37	13°♈44'10	45°13'28	
	-3983 Oct 20 j 04:54	0°♈			-3980 May 09 j 23:23	0°♈		

Planetary Phenomena of Venus from -4400 through -3900 (UT), Astrodienst AG 7-Dez-2017 14:36, page 85

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

greatest brilliancy	-3980 May 27 j 06:23	10°II21'57	-4.5m		-3978 Nov 22 j 05:04	0°ML	
desc. node	-3980 Jun 03 j 14:29	12°II32'29					
retrograde	-3980 Jun 08 j 12:50	12°II59'23		superior conj	-3978 Nov 26 j 16:14	5°ML35'37	0°-16'-45
evening set	-3980 Jun 23 j 23:12	8°II31'03		minimum elong	-3978 Nov 26 j 11:42	5°ML21'25	0°16'39
inferior conj	-3980 Jun 29 j 17:05	5°II08'56	-5°-42'-41	max. Earth dist.	-3978 Dec 01 j 16:54	11°ML53'01	1.71523 AU
minimum elong	-3980 Jun 29 j 06:57	5°II24'23	5°40'15		-3978 Dec 16 j 05:10	0°Z	
min. Earth dist.	-3980 Jun 30 j 00:42	4°II57'19	0.27996 AU	evening rise	-3977 Jan 07 j 02:54	27°Z13'47	
morning rise	-3980 Jul 04 j 14:14	2°II14'31			-3977 Jan 09 j 08:33	0°Z	
	-3980 Jul 08 j 22:27	30°R8			-3977 Feb 02 j 15:39	0°≈	
direct	-3980 Jul 21 j 02:12	27°R07'25			-3977 Feb 27 j 03:47	0°K	
	-3980 Aug 02 j 17:25	0°II		asc. node	-3977 Mar 12 j 05:52	15°K52'55	
greatest brilliancy	-3980 Aug 04 j 10:29	0°II46'46	-4.6m		-3977 Mar 23 j 22:56	0°Y	
morning max el	-3980 Sep 09 j 09:51	29°II32'30	46°42'38		-3977 Apr 18 j 03:45	0°R	
	-3980 Sep 09 j 20:43	0°S			-3977 May 13 j 22:49	0°II	
asc. node	-3980 Sep 24 j 11:52	15°S29'39			-3977 Jun 09 j 19:02	0°S	
	-3980 Oct 07 j 09:09	0°Q		desc. node	-3977 Jul 02 j 01:57	23°S09'31	
	-3980 Nov 01 j 19:39	0°M		evening max el	-3977 Jul 03 j 19:58	24°S52'11	46°25'53
	-3980 Nov 26 j 12:38	0°A			-3977 Jul 09 j 05:14	0°Q	
	-3980 Dec 21 j 00:32	0°ML		greatest brilliancy	-3977 Aug 12 j 12:28	24°Q15'25	-4.6m
desc. node	-3979 Jan 14 j 08:53	29°ML49'45		retrograde	-3977 Aug 22 j 16:19	26°Q09'53	
	-3979 Jan 14 j 12:14	0°Z		evening set	-3977 Sep 09 j 02:22	20°Q28'02	
	-3979 Feb 08 j 00:45	0°Z		inferior conj	-3977 Sep 12 j 09:14	18°Q30'24	-8°-14'-45
	-3979 Mar 04 j 13:34	0°≈		minimum elong	-3977 Sep 12 j 17:27	18°Q17'58	8°13'35
morning set	-3979 Mar 16 j 07:53	14°≈23'33		min. Earth dist.	-3977 Sep 12 j 19:42	18°Q14'35	0.26717 AU
	-3979 Mar 29 j 01:51	0°K		morning rise	-3977 Sep 16 j 08:20	16°Q08'53	
max. Earth dist.	-3979 Apr 19 j 17:20	26°K32'33	1.73701 AU	direct	-3977 Oct 02 j 19:46	10°Q51'22	
				greatest brilliancy	-3977 Oct 15 j 17:59	13°Q57'45	-4.7m
superior conj	-3979 Apr 21 j 13:02	28°K46'41	0°-35'-30	asc. node	-3977 Oct 27 j 23:15	17°Q55'16	
minimum elong	-3979 Apr 21 j 19:26	29°K06'19	0°35'15		-3977 Nov 07 j 13:14	0°M	
	-3979 Apr 22 j 12:55	0°Y		morning max el	-3977 Nov 22 j 13:37	14°M24'48	46°48'27
asc. node	-3979 May 07 j 04:32	18°Y00'28			-3977 Dec 07 j 06:29	0°A	
	-3979 May 16 j 22:21	0°R			-3976 Jan 02 j 20:05	0°ML	
evening rise	-3979 May 27 j 05:22	12°R41'03			-3976 Jan 28 j 11:51	0°Z	
	-3979 Jun 10 j 06:02	0°II		desc. node	-3976 Feb 11 j 20:44	17°Z00'47	
	-3979 Jul 04 j 12:40	0°S			-3976 Feb 22 j 18:42	0°Z	
	-3979 Jul 28 j 19:40	0°Q			-3976 Mar 18 j 20:09	0°≈	
	-3979 Aug 22 j 05:07	0°M			-3976 Apr 12 j 16:51	0°K	
desc. node	-3979 Aug 26 j 23:44	5°M50'50			-3976 May 07 j 08:41	0°Y	
	-3979 Sep 15 j 19:44	0°A		morning set	-3976 May 22 j 05:58	18°Y14'11	
	-3979 Oct 10 j 20:05	0°ML			-3976 May 31 j 19:21	0°R	
	-3979 Nov 05 j 17:20	0°Z		asc. node	-3976 Jun 03 j 16:50	3°R34'15	
evening max el	-3979 Nov 27 j 21:33	23°Z55'02	46°51'38	max. Earth dist.	-3976 Jun 23 j 01:43	27°R33'17	1.72559 AU
	-3979 Dec 04 j 00:07	0°Z			-3976 Jun 25 j 00:56	0°II	
asc. node	-3979 Dec 17 j 20:08	12°Z27'07					
greatest brilliancy	-3978 Jan 02 j 18:34	23°Z12'06	-4.6m	superior conj	-3976 Jun 27 j 09:23	2°II55'31	0°51'50
retrograde	-3978 Jan 17 j 10:44	27°Z07'52		minimum elong	-3976 Jun 27 j 00:57	2°II29'16	0°51'40
evening set	-3978 Feb 04 j 02:33	21°Z02'53			-3976 Jul 19 j 02:20	0°S	
inferior conj	-3978 Feb 07 j 18:01	18°Z44'12	8°17'17	evening rise	-3976 Aug 03 j 02:04	18°S45'44	
minimum elong	-3978 Feb 07 j 16:23	18°Z46'48	8°17'05		-3976 Aug 12 j 01:22	0°Q	
min. Earth dist.	-3978 Feb 07 j 06:15	19°Z03'06	0.28919 AU		-3976 Sep 05 j 00:16	0°M	
morning rise	-3978 Feb 11 j 06:28	16°Z30'32		desc. node	-3976 Sep 23 j 12:05	23°M05'47	
direct	-3978 Mar 01 j 02:33	10°Z26'11			-3976 Sep 29 j 01:02	0°A	
greatest brilliancy	-3978 Mar 12 j 14:45	12°Z48'28	-4.5m		-3976 Oct 23 j 05:16	0°ML	
	-3978 Apr 07 j 14:45	0°≈			-3976 Nov 16 j 15:13	0°Z	
desc. node	-3978 Apr 08 j 17:32	0°≈57'34			-3976 Dec 11 j 11:51	0°Z	
morning max el	-3978 Apr 18 j 19:54	10°≈09'31	45°48'55		-3975 Jan 06 j 06:36	0°≈	
	-3978 May 08 j 12:18	0°K		asc. node	-3975 Jan 14 j 07:45	8°≈59'05	
	-3978 Jun 04 j 18:50	0°Y			-3975 Feb 03 j 05:44	0°K	
	-3978 Jun 30 j 14:07	0°R		evening max el	-3975 Feb 06 j 18:15	3°K28'10	45°28'21
	-3978 Jul 25 j 12:12	0°II		greatest brilliancy	-3975 Mar 12 j 17:01	29°K43'35	-4.5m
asc. node	-3978 Jul 30 j 14:44	6°II14'44			-3975 Mar 13 j 07:04	0°Y	
	-3978 Aug 18 j 19:55	0°S		retrograde	-3975 Mar 27 j 08:55	3°Y27'46	
	-3978 Sep 11 j 18:42	0°Q			-3975 Apr 09 j 16:00	30°R8	
	-3978 Oct 05 j 13:26	0°M		evening set	-3975 Apr 12 j 05:39	28°K37'46	
morning set	-3978 Oct 15 j 14:01	12°M39'23		inferior conj	-3975 Apr 17 j 19:31	25°K15'24	4°02'01
	-3978 Oct 29 j 08:06	0°A		minimum elong	-3975 Apr 18 j 03:12	25°K03'23	4°00'06
desc. node	-3978 Nov 19 j 10:46	26°A32'10		min. Earth dist.	-3975 Apr 18 j 12:11	24°K49'19	0.29167 AU

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning rise	-3975 Apr 24 j 00:24	21° K 30'58	evening rise	-3973 Oct 18 j 17:25	5° L 34'24	
desc. node	-3975 May 06 j 05:03	17° K 04'40	desc. node	-3973 Oct 22 j 00:33	9° L 42'50	
direct	-3975 May 09 j 15:14	16° K 50'48		-3973 Nov 07 j 05:04	0° M	
greatest brilliancy	-3975 May 23 j 22:00	20° K 23'11 -4.5m		-3973 Dec 01 j 06:32	0° J	
	-3975 Jun 08 j 06:32	0° Y		-3973 Dec 25 j 12:46	0° Z	
morning max el	-3975 Jun 27 j 21:48	17° Y 12'16 46°04'57		-3972 Jan 19 j 02:34	0° \approx	
	-3975 Jul 10 j 14:05	0° B	asc. node	-3972 Feb 11 j 19:44	28° \approx 21'33	
	-3975 Aug 06 j 18:10	0° II		-3972 Feb 13 j 05:09	0° K	
asc. node	-3975 Aug 27 j 02:31	23° II 56'34		-3972 Mar 10 j 05:50	0° Y	
	-3975 Sep 01 j 03:22	0° S		-3972 Apr 07 j 01:48	0° B	
	-3975 Sep 25 j 15:11	0° O	evening max el	-3972 Apr 18 j 16:54	11° B 28'42 45°12'19	
	-3975 Oct 19 j 16:54	0° M		-3972 May 10 j 15:44	0° II	
	-3975 Nov 12 j 15:45	0° L	greatest brilliancy	-3972 May 24 j 19:08	8° II 04'47 -4.5m	
	-3975 Dec 06 j 15:49	0° M	desc. node	-3972 Jun 02 j 16:30	10° II 30'31	
desc. node	-3975 Dec 16 j 22:55	12° M 49'42	retrograde	-3972 Jun 06 j 02:24	10° II 43'34	
	-3975 Dec 30 j 18:34	0° J	evening set	-3972 Jun 21 j 11:03	6° II 18'20	
morning set	-3975 Dec 31 j 22:51	1° J 27'42	inferior conj	-3972 Jun 27 j 07:36	2° II 52'40 -5°-25'-56	
	-3974 Jan 23 j 23:57	0° Z	minimum elong	-3972 Jun 26 j 21:39	3° II 07'50 5°23'27	
			min. Earth dist.	-3972 Jun 27 j 15:51	2° II 40'04 0.28037 AU	
superior conj	-3974 Feb 09 j 20:47	20° Z 49'22 -1°-23'-32	morning rise	-3972 Jul 02 j 07:42	29° B 53'46	
minimum elong	-3974 Feb 09 j 19:51	20° Z 46'28 1°23'43		-3972 Jul 02 j 03:17	30° R B	
max. Earth dist.	-3974 Feb 12 j 01:47	23° Z 32'44 1.73147 AU	direct	-3972 Jul 18 j 16:48	24° B 50'11	
	-3974 Feb 17 j 07:30	0° \approx	greatest brilliancy	-3972 Aug 02 j 02:41	28° B 30'20 -4.6m	
	-3974 Mar 13 j 17:01	0° K		-3972 Aug 05 j 00:13	0° II	
evening rise	-3974 Mar 19 j 10:00	7° K 00'14	morning max el	-3972 Sep 06 j 22:48	27° II 07'06 46°41'41	
	-3974 Apr 07 j 04:38	0° Y		-3972 Sep 09 j 18:42	0° S	
asc. node	-3974 Apr 08 j 18:16	1° Y 55'06	asc. node	-3972 Sep 23 j 14:05	14° S 45'40	
	-3974 May 01 j 18:31	0° B		-3972 Oct 07 j 01:20	0° O	
	-3974 May 26 j 11:14	0° II		-3972 Nov 01 j 09:40	0° M	
	-3974 Jun 20 j 08:12	0° S		-3972 Nov 26 j 01:32	0° L	
	-3974 Jul 15 j 12:39	0° O		-3972 Dec 20 j 12:45	0° M	
desc. node	-3974 Jul 29 j 13:41	16° O 27'25	desc. node	-3971 Jan 13 j 10:57	29° M 20'04	
	-3974 Aug 10 j 07:26	0° M		-3971 Jan 13 j 23:59	0° J	
	-3974 Sep 06 j 09:59	0° L		-3971 Feb 07 j 12:10	0° Z	
evening max el	-3974 Sep 15 j 09:26	9° L 18'24 47°34'39		-3971 Mar 04 j 00:45	0° \approx	
	-3974 Oct 08 j 01:05	0° M	morning set	-3971 Mar 14 j 01:18	12° \approx 16'04	
greatest brilliancy	-3974 Oct 23 j 21:43	10° M 00'21 -4.7m		-3971 Mar 28 j 12:52	0° K	
retrograde	-3974 Nov 05 j 09:07	12° M 55'52	max. Earth dist.	-3971 Apr 17 j 12:53	24° K 31'39 1.73713 AU	
asc. node	-3974 Nov 19 j 10:39	8° M 52'48				
evening set	-3974 Nov 19 j 20:20	8° M 39'36	superior conj	-3971 Apr 19 j 07:53	26° K 43'37 0°-38'-14	
min. Earth dist.	-3974 Nov 25 j 04:09	5° M 29'11 0.26801 AU	minimum elong	-3971 Apr 19 j 14:40	27° K 04'27 0°37'59	
inferior conj	-3974 Nov 26 j 00:39	4° M 57'15 1°39'40		-3971 Apr 21 j 23:52	0° Y	
minimum elong	-3974 Nov 25 j 21:04	5° M 02'51 1°38'27	asc. node	-3971 May 06 j 06:38	17° Y 33'11	
morning rise	-3974 Dec 01 j 22:44	1° M 26'11		-3971 May 16 j 09:20	0° B	
	-3974 Dec 04 j 19:14	30° R L	evening rise	-3971 May 25 j 00:40	10° B 38'32	
direct	-3974 Dec 16 j 09:51	27° L 14'35		-3971 Jun 09 j 17:12	0° II	
greatest brilliancy	-3974 Dec 27 j 05:00	29° L 26'28 -4.6m		-3971 Jul 04 j 00:07	0° S	
	-3974 Dec 28 j 13:58	0° M		-3971 Jul 28 j 07:31	0° O	
morning max el	-3973 Feb 03 j 21:51	28° M 36'51 46°13'45		-3971 Aug 21 j 17:31	0° M	
	-3973 Feb 05 j 07:51	0° J	desc. node	-3971 Aug 26 j 01:52	5° M 19'03	
	-3973 Mar 05 j 22:51	0° Z		-3971 Sep 15 j 08:54	0° L	
desc. node	-3973 Mar 11 j 08:24	5° Z 57'01		-3971 Oct 10 j 10:30	0° M	
	-3973 Apr 01 j 15:37	0° \approx		-3971 Nov 05 j 10:15	0° J	
	-3973 Apr 27 j 10:58	0° K	evening max el	-3971 Nov 25 j 11:48	21° J 33'55 46°54'36	
	-3973 May 22 j 16:22	0° Y		-3971 Dec 04 j 00:47	0° Z	
	-3973 Jun 16 j 10:36	0° B	asc. node	-3971 Dec 16 j 22:11	11° Z 20'47	
asc. node	-3973 Jul 02 j 04:49	19° B 21'29	greatest brilliancy	-3971 Dec 31 j 11:49	20° Z 59'54 -4.6m	
	-3973 Jul 10 j 19:17	0° II	retrograde	-3970 Jan 15 j 03:18	24° Z 55'57	
morning set	-3973 Jul 30 j 20:22	24° II 59'18	evening set	-3970 Feb 01 j 17:54	18° Z 52'51	
	-3973 Aug 03 j 20:22	0° S	inferior conj	-3970 Feb 05 j 10:37	16° Z 32'27 8°15'45	
	-3973 Aug 27 j 16:42	0° O	minimum elong	-3970 Feb 05 j 08:16	16° Z 36'12 8°15'30	
max. Earth dist.	-3973 Sep 06 j 13:51	12° O 27'54 1.70982 AU	min. Earth dist.	-3970 Feb 04 j 21:51	16° Z 52'56 0.28870 AU	
			morning rise	-3970 Feb 08 j 22:52	14° Z 19'10	
superior conj	-3973 Sep 07 j 07:51	13° O 24'40 1°19'44	direct	-3970 Feb 26 j 17:49	8° Z 15'08	
minimum elong	-3973 Sep 07 j 14:19	13° O 45'04 1°19'47	greatest brilliancy	-3970 Mar 10 j 05:46	10° Z 36'57 -4.5m	
	-3973 Sep 20 j 11:23	0° M	desc. node	-3970 Apr 07 j 19:48	0° \approx 02'24	
	-3973 Oct 14 j 07:00	0° L		-3970 Apr 07 j 18:42	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

morning max el	-3970 Apr 16 j 11:16	7°≈57'58	45°49'06		-3968 Nov 16 j 03:39	0°𐌶	
	-3970 May 08 j 05:24	0°𐌶			-3968 Dec 11 j 01:10	0°𐌶	
	-3970 Jun 04 j 08:50	0°𐌶			-3967 Jan 05 j 21:51	0°≈	
	-3970 Jun 30 j 02:44	0°𐌶		asc. node	-3967 Jan 13 j 09:55	8°≈20'27	
	-3970 Jul 25 j 00:07	0°𐌶			-3967 Feb 03 j 02:34	0°𐌶	
asc. node	-3970 Jul 29 j 16:54	5°𐌶45'10		evening max el	-3967 Feb 04 j 10:43	1°𐌶18'41	45°30'33
	-3970 Aug 18 j 07:29	0°𐌶		greatest brilliancy	-3967 Mar 10 j 09:36	27°𐌶36'49	-4.5m
	-3970 Sep 11 j 06:04	0°𐌶			-3967 Mar 16 j 11:32	0°𐌶	
	-3970 Oct 05 j 00:43	0°𐌶		retrograde	-3967 Mar 25 j 01:53	1°𐌶21'08	
morning set	-3970 Oct 13 j 00:18	10°𐌶04'46			-3967 Apr 02 j 07:44	30°𐌶𐌶	
	-3970 Oct 28 j 19:21	0°𐌶		evening set	-3967 Apr 10 j 00:40	26°𐌶27'53	
desc. node	-3970 Nov 18 j 12:44	26°𐌶03'10		inferior conj	-3967 Apr 15 j 12:16	23°𐌶08'05	4°18'17
	-3970 Nov 21 j 16:17	0°𐌶		minimum elong	-3967 Apr 15 j 20:16	22°𐌶55'32	4°16'20
				min. Earth dist.	-3967 Apr 16 j 04:17	22°𐌶42'58	0.29191 AU
superior conj	-3970 Nov 24 j 01:15	2°𐌶58'30	0°-12'-50	morning rise	-3967 Apr 21 j 15:39	19°𐌶25'31	
minimum elong	-3970 Nov 23 j 21:45	2°𐌶47'30	0°12'45	desc. node	-3967 May 05 j 07:01	14°𐌶48'21	
behind sun begin	-3970 Nov 23 j 04:36	1°𐌶53'46		direct	-3967 May 07 j 08:36	14°𐌶43'20	
behind sun end	-3970 Nov 24 j 14:54	3°𐌶41'13		greatest brilliancy	-3967 May 21 j 12:14	18°𐌶12'35	-4.5m
max. Earth dist.	-3970 Nov 28 j 22:21	9°𐌶04'59	1.71469 AU		-3967 Jun 08 j 16:52	0°𐌶	
	-3970 Dec 15 j 16:20	0°𐌶		morning max el	-3967 Jun 25 j 14:08	15°𐌶02'33	46°03'39
evening rise	-3969 Jan 04 j 15:08	24°𐌶48'26			-3967 Jul 10 j 08:11	0°𐌶	
	-3969 Jan 08 j 19:40	0°𐌶			-3967 Aug 06 j 08:35	0°𐌶	
	-3969 Feb 02 j 02:48	0°≈		asc. node	-3967 Aug 26 j 04:43	23°𐌶23'43	
	-3969 Feb 26 j 15:08	0°𐌶			-3967 Aug 31 j 16:17	0°𐌶	
asc. node	-3969 Mar 11 j 08:05	15°𐌶24'43			-3967 Sep 25 j 03:22	0°𐌶	
	-3969 Mar 23 j 10:43	0°𐌶			-3967 Oct 19 j 04:39	0°𐌶	
	-3969 Apr 17 j 16:24	0°𐌶			-3967 Nov 12 j 03:13	0°𐌶	
	-3969 May 13 j 13:03	0°𐌶			-3967 Dec 06 j 03:03	0°𐌶	
	-3969 Jun 09 j 12:32	0°𐌶		desc. node	-3967 Dec 16 j 00:57	12°𐌶21'18	
desc. node	-3969 Jul 01 j 04:03	22°𐌶17'16		morning set	-3967 Dec 29 j 10:00	28°𐌶59'05	
evening max el	-3969 Jul 01 j 08:52	22°𐌶28'57	46°22'46		-3967 Dec 30 j 05:38	0°𐌶	
	-3969 Jul 09 j 08:38	0°𐌶			-3966 Jan 23 j 10:52	0°𐌶	
greatest brilliancy	-3969 Aug 09 j 22:57	21°𐌶45'54	-4.6m				
retrograde	-3969 Aug 20 j 04:39	23°𐌶41'43		superior conj	-3966 Feb 07 j 11:42	18°𐌶33'48	-1°-23'-19
evening set	-3969 Sep 06 j 17:03	17°𐌶55'33		minimum elong	-3966 Feb 07 j 09:56	18°𐌶28'22	1°23'29
inferior conj	-3969 Sep 09 j 21:18	16°𐌶01'51	-8°-23'-40	max. Earth dist.	-3966 Feb 09 j 22:09	21°𐌶34'04	1.73101 AU
minimum elong	-3969 Sep 10 j 04:51	15°𐌶50'28	8°22'41		-3966 Feb 16 j 18:20	0°≈	
min. Earth dist.	-3969 Sep 10 j 07:38	15°𐌶46'16	0.26758 AU		-3966 Mar 13 j 03:50	0°𐌶	
morning rise	-3969 Sep 13 j 16:30	13°𐌶46'17		evening rise	-3966 Mar 17 j 03:30	4°𐌶53'33	
direct	-3969 Sep 30 j 08:54	8°𐌶22'12			-3966 Apr 06 j 15:31	0°𐌶	
greatest brilliancy	-3969 Oct 13 j 08:29	11°𐌶30'48	-4.7m	asc. node	-3966 Apr 07 j 20:22	1°𐌶28'11	
asc. node	-3969 Oct 22 j 01:24	16°𐌶27'07			-3966 May 01 j 05:40	0°𐌶	
	-3969 Nov 07 j 20:02	0°𐌶			-3966 May 25 j 22:50	0°𐌶	
morning max el	-3969 Nov 20 j 03:56	12°𐌶00'12	46°49'05		-3966 Jun 19 j 20:34	0°𐌶	
	-3969 Dec 07 j 01:04	0°𐌶			-3966 Jul 15 j 02:16	0°𐌶	
	-3968 Jan 02 j 11:04	0°𐌶		desc. node	-3966 Jul 28 j 15:50	15°𐌶51'20	
	-3968 Jan 28 j 01:06	0°𐌶			-3966 Aug 09 j 23:12	0°𐌶	
desc. node	-3968 Feb 10 j 22:52	16°𐌶29'40			-3966 Sep 06 j 06:33	0°𐌶	
	-3968 Feb 22 j 06:56	0°𐌶		evening max el	-3966 Sep 13 j 00:18	6°𐌶56'20	47°33'48
	-3968 Mar 18 j 07:42	0°≈			-3966 Oct 08 j 20:11	0°𐌶	
	-3968 Apr 12 j 04:00	0°𐌶		greatest brilliancy	-3966 Oct 21 j 14:40	7°𐌶37'03	-4.7m
	-3968 May 06 j 19:36	0°𐌶		retrograde	-3966 Nov 02 j 22:34	10°𐌶28'16	
morning set	-3968 May 20 j 00:51	16°𐌶11'29		evening set	-3966 Nov 17 j 09:37	6°𐌶13'18	
	-3968 May 31 j 06:11	0°𐌶		asc. node	-3966 Nov 18 j 12:41	5°𐌶35'13	
asc. node	-3968 Jun 02 j 18:49	3°𐌶06'59		min. Earth dist.	-3966 Nov 22 j 18:26	3°𐌶01'21	0.26743 AU
max. Earth dist.	-3968 Jun 20 j 20:12	25°𐌶27'59	1.72618 AU	inferior conj	-3966 Nov 23 j 13:50	2°𐌶31'07	1°16'43
	-3968 Jun 24 j 11:48	0°𐌶		minimum elong	-3966 Nov 23 j 11:03	2°𐌶35'27	1°15'45
					-3966 Nov 27 j 17:17	30°𐌶𐌶	
superior conj	-3968 Jun 25 j 03:09	0°𐌶47'44	0°49'18	morning rise	-3966 Nov 29 j 13:24	28°𐌶58'03	
minimum elong	-3968 Jun 24 j 18:57	0°𐌶22'13	0°49'07	direct	-3966 Dec 13 j 22:42	24°𐌶49'44	
	-3968 Jul 18 j 13:17	0°𐌶		greatest brilliancy	-3966 Dec 24 j 18:22	27°𐌶01'59	-4.6m
evening rise	-3968 Jul 31 j 17:18	16°𐌶28'31			-3966 Dec 31 j 00:23	0°𐌶	
	-3968 Aug 11 j 12:29	0°𐌶		morning max el	-3965 Feb 01 j 10:47	26°𐌶15'02	46°14'59
	-3968 Sep 04 j 11:36	0°𐌶			-3965 Feb 05 j 05:57	0°𐌶	
desc. node	-3968 Sep 22 j 14:14	22°𐌶36'33			-3965 Mar 05 j 14:40	0°𐌶	
	-3968 Sep 28 j 12:38	0°𐌶		desc. node	-3965 Mar 10 j 10:33	5°𐌶20'50	
	-3968 Oct 22 j 17:13	0°𐌶			-3965 Apr 01 j 05:01	0°≈	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3965 Apr 26 j 23:09	0° H		evening max el	-3963 Nov 23 j 02:38	19° Z 14'34	46°57'27
	-3965 May 22 j 03:51	0° Y			-3963 Dec 04 j 02:38	0° Z	
	-3965 Jun 15 j 21:41	0° B		asc. node	-3963 Dec 16 j 00:25	10° Z 13'04	
asc. node	-3965 Jul 01 j 07:03	18° B 54'35		greatest brilliancy	-3963 Dec 29 j 04:35	18° Z 46'44	-4.6m
	-3965 Jul 10 j 06:10	0° II		retrograde	-3962 Jan 12 j 20:11	22° Z 43'34	
morning set	-3965 Jul 28 j 11:39	22° II 42'54		evening set	-3962 Jan 30 j 08:47	16° Z 42'37	
	-3965 Aug 03 j 07:14	0° S		min. Earth dist.	-3962 Feb 02 j 12:59	14° Z 42'36	0.28815 AU
	-3965 Aug 27 j 03:38	0° Q		inferior conj	-3962 Feb 03 j 02:59	14° Z 20'10	8°13'27
max. Earth dist.	-3965 Sep 03 j 17:06	9° Q 32'12	1.71017 AU	minimum elong	-3962 Feb 02 j 23:58	14° Z 25'00	8°13'08
				morning rise	-3962 Feb 06 j 15:24	12° Z 06'54	
superior conj	-3965 Sep 04 j 20:20	10° Q 58'04	1°20'50	direct	-3962 Feb 24 j 09:03	6° Z 03'36	
minimum elong	-3965 Sep 05 j 01:59	11° Q 15'54	1°20'54	greatest brilliancy	-3962 Mar 07 j 20:22	8° Z 25'02	-4.5m
	-3965 Sep 19 j 22:25	0° M		desc. node	-3962 Apr 06 j 21:48	29° Z 08'15	
	-3965 Oct 13 j 18:07	0° A			-3962 Apr 07 j 20:53	0° \approx	
evening rise	-3965 Oct 16 j 01:55	2° A 55'19		morning max el	-3962 Apr 14 j 03:16	5° \approx 48'26	45°49'24
desc. node	-3965 Oct 21 j 02:32	9° A 14'03			-3962 May 07 j 21:58	0° H	
	-3965 Nov 06 j 16:17	0° M			-3962 Jun 03 j 22:29	0° Y	
	-3965 Nov 30 j 17:52	0° Z			-3962 Jun 29 j 15:06	0° B	
	-3965 Dec 25 j 00:17	0° Z			-3962 Jul 24 j 11:50	0° II	
	-3964 Jan 18 j 14:29	0° \approx		asc. node	-3962 Jul 28 j 19:02	5° II 16'03	
asc. node	-3964 Feb 10 j 21:57	27° \approx 50'45			-3962 Aug 17 j 18:51	0° S	
	-3964 Feb 12 j 17:54	0° H			-3962 Sep 10 j 17:15	0° Q	
	-3964 Mar 09 j 20:23	0° Y			-3962 Oct 04 j 11:49	0° M	
	-3964 Apr 06 j 21:01	0° B		morning set	-3962 Oct 10 j 11:11	7° M 32'34	
evening max el	-3964 Apr 16 j 06:52	9° B 13'39	45°11'19		-3962 Oct 28 j 06:25	0° A	
	-3964 May 11 j 12:55	0° II		desc. node	-3962 Nov 17 j 14:51	25° A 35'05	
greatest brilliancy	-3964 May 22 j 07:08	5° II 48'08	-4.5m				
desc. node	-3964 Jun 01 j 18:37	8° II 25'24		superior conj	-3962 Nov 21 j 10:21	0° M 22'00	0°-8'-53
retrograde	-3964 Jun 03 j 16:27	8° II 29'32		minimum elong	-3962 Nov 21 j 07:54	0° M 14'17	0°08'52
evening set	-3964 Jun 18 j 23:13	4° II 06'47		behind sun begin	-3962 Nov 20 j 08:50	29° A 01'59	
inferior conj	-3964 Jun 24 j 22:15	0° II 38'01	-5°-8'-44	behind sun end	-3962 Nov 22 j 06:58	1° M 26'35	
minimum elong	-3964 Jun 24 j 12:34	0° II 52'47	5°06'14		-3962 Nov 21 j 03:20	0° M	
min. Earth dist.	-3964 Jun 25 j 07:06	0° II 24'30	0.28080 AU	max. Earth dist.	-3962 Nov 26 j 05:40	6° M 23'08	1.71423 AU
	-3964 Jun 25 j 23:10	30° R B			-3962 Dec 15 j 03:22	0° Z	
morning rise	-3964 Jun 30 j 01:15	27° B 34'54		evening rise	-3961 Jan 02 j 03:09	22° Z 22'39	
direct	-3964 Jul 16 j 07:21	22° B 34'26			-3961 Jan 08 j 06:42	0° Z	
greatest brilliancy	-3964 Jul 30 j 19:40	26° B 16'34	-4.6m		-3961 Feb 01 j 13:54	0° \approx	
	-3964 Aug 06 j 11:08	0° II			-3961 Feb 26 j 02:26	0° H	
morning max el	-3964 Sep 04 j 12:31	24° II 44'56	46°40'39	asc. node	-3961 Mar 10 j 10:07	14° H 56'08	
	-3964 Sep 09 j 15:28	0° S			-3961 Mar 22 j 22:29	0° Y	
asc. node	-3964 Sep 22 j 16:13	14° S 03'03			-3961 Apr 17 j 05:03	0° B	
	-3964 Oct 06 j 16:58	0° Q			-3961 May 13 j 03:20	0° II	
	-3964 Oct 31 j 23:20	0° M			-3961 Jun 09 j 06:20	0° S	
	-3964 Nov 25 j 14:10	0° A		evening max el	-3961 Jun 28 j 22:43	20° S 08'29	46°19'36
	-3964 Dec 20 j 00:45	0° M		desc. node	-3961 Jun 30 j 06:16	21° S 24'31	
desc. node	-3963 Jan 12 j 13:09	28° M 51'28			-3961 Jul 09 j 13:40	0° Q	
	-3963 Jan 13 j 11:31	0° Z		greatest brilliancy	-3961 Aug 07 j 09:30	19° Q 17'09	-4.6m
	-3963 Feb 06 j 23:21	0° Z		retrograde	-3961 Aug 17 j 17:06	21° Q 14'00	
	-3963 Mar 03 j 11:39	0° \approx		evening set	-3961 Sep 04 j 07:37	15° Q 24'07	
morning set	-3963 Mar 11 j 18:26	10° \approx 08'29		inferior conj	-3961 Sep 07 j 09:26	13° Q 33'53	-8°-31'-37
	-3963 Mar 27 j 23:35	0° H		minimum elong	-3961 Sep 07 j 16:16	13° Q 23'35	8°30'49
max. Earth dist.	-3963 Apr 15 j 09:39	22° H 35'23	1.73724 AU	min. Earth dist.	-3961 Sep 07 j 19:26	13° Q 18'48	0.26798 AU
				morning rise	-3961 Sep 11 j 00:48	11° Q 23'58	
superior conj	-3963 Apr 17 j 02:42	24° H 41'18	0°-40'-55	direct	-3961 Sep 27 j 22:20	5° Q 53'53	
minimum elong	-3963 Apr 17 j 09:50	25° H 03'14	0°40'39	greatest brilliancy	-3961 Oct 10 j 21:52	9° Q 02'56	-4.7m
	-3963 Apr 21 j 10:33	0° Y		asc. node	-3961 Oct 21 j 03:23	15° Q 02'10	
asc. node	-3963 May 05 j 08:39	17° Y 06'28			-3961 Nov 08 j 00:36	0° M	
	-3963 May 15 j 20:04	0° B		morning max el	-3961 Nov 17 j 18:07	9° M 35'38	46°49'44
evening rise	-3963 May 22 j 20:08	8° B 37'27			-3961 Dec 06 j 19:05	0° A	
	-3963 Jun 09 j 04:07	0° II			-3960 Jan 02 j 01:48	0° M	
	-3963 Jul 03 j 11:19	0° S			-3960 Jan 27 j 14:14	0° Z	
	-3963 Jul 27 j 19:07	0° Q		desc. node	-3960 Feb 10 j 00:58	15° Z 58'35	
	-3963 Aug 21 j 05:40	0° M			-3960 Feb 21 j 19:07	0° Z	
desc. node	-3963 Aug 25 j 04:03	4° M 48'13			-3960 Mar 17 j 19:17	0° \approx	
	-3963 Sep 14 j 21:52	0° A			-3960 Apr 11 j 15:10	0° H	
	-3963 Oct 10 j 00:48	0° M			-3960 May 06 j 06:33	0° Y	
	-3963 Nov 05 j 03:19	0° Z		morning set	-3960 May 17 j 19:44	14° Y 08'46	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3960 May 30 j 17:02	0°♄		inferior conj	-3958 Nov 21 j 02:55	0°♍03'51	0°53'22
asc. node	-3960 Jun 01 j 21:01	2°♄40'18		minimum elong	-3958 Nov 21 j 00:58	0°♍06'54	0°52'40
max. Earth dist.	-3960 Jun 18 j 13:46	23°♄19'56	1.72676 AU		-3958 Nov 21 j 05:24	30°♍	
				morning rise	-3958 Nov 27 j 03:47	26°♄28'57	
superior conj	-3960 Jun 22 j 21:01	28°♄40'22	0°46'42	direct	-3958 Dec 11 j 10:53	22°♄23'25	
minimum elong	-3960 Jun 22 j 13:04	28°♄15'41	0°46'31	greatest brilliancy	-3958 Dec 22 j 08:40	24°♄37'16	-4.6m
	-3960 Jun 23 j 22:40	0°♂			-3957 Jan 01 j 14:22	0°♍	
	-3960 Jul 18 j 00:17	0°♄		morning max el	-3957 Jan 29 j 23:16	23°♍51'03	46°16'30
evening rise	-3960 Jul 29 j 08:50	14°♄12'08			-3957 Feb 05 j 03:31	0°♄	
	-3960 Aug 10 j 23:40	0°♂			-3957 Mar 05 j 06:28	0°♄	
	-3960 Sep 03 j 23:02	0°♄		desc. node	-3957 Mar 09 j 12:35	4°♄43'58	
desc. node	-3960 Sep 21 j 16:13	22°♄06'32			-3957 Mar 31 j 18:31	0°♄	
	-3960 Sep 28 j 00:20	0°♄			-3957 Apr 26 j 11:29	0°♄	
	-3960 Oct 22 j 05:14	0°♍			-3957 May 21 j 15:33	0°♄	
	-3960 Nov 15 j 16:09	0°♄			-3957 Jun 15 j 09:02	0°♄	
	-3960 Dec 10 j 14:35	0°♄		asc. node	-3957 Jun 30 j 09:11	18°♄26'25	
	-3959 Jan 05 j 13:19	0°♄			-3957 Jul 09 j 17:21	0°♂	
asc. node	-3959 Jan 12 j 12:04	7°♄41'19		morning set	-3957 Jul 26 j 03:04	20°♂26'04	
evening max el	-3959 Feb 02 j 02:54	29°♄08'09	45°32'37		-3957 Aug 02 j 18:23	0°♄	
	-3959 Feb 03 j 00:14	0°♄			-3957 Aug 26 j 14:50	0°♂	
greatest brilliancy	-3959 Mar 08 j 02:48	25°♄30'27	-4.5m	max. Earth dist.	-3957 Sep 01 j 00:03	6°♂47'24	1.71054 AU
retrograde	-3959 Mar 22 j 18:30	29°♄14'14					
evening set	-3959 Apr 07 j 19:52	24°♄17'44		superior conj	-3957 Sep 02 j 08:59	8°♂31'15	1°21'46
inferior conj	-3959 Apr 13 j 05:10	21°♄00'41	4°34'14	minimum elong	-3957 Sep 02 j 13:47	8°♂46'24	1°21'50
minimum elong	-3959 Apr 13 j 13:27	20°♄47'39	4°32'14		-3957 Sep 19 j 09:42	0°♄	
min. Earth dist.	-3959 Apr 13 j 20:48	20°♄36'04	0.29214 AU	evening rise	-3957 Oct 13 j 10:38	0°♄16'06	
morning rise	-3959 Apr 19 j 06:50	17°♄19'59			-3957 Oct 13 j 05:31	0°♄	
desc. node	-3959 May 04 j 09:09	12°♄36'21		desc. node	-3957 Oct 20 j 04:38	8°♄44'43	
direct	-3959 May 05 j 01:45	12°♄35'47			-3957 Nov 06 j 03:47	0°♍	
greatest brilliancy	-3959 May 19 j 02:15	16°♄01'21	-4.5m		-3957 Nov 30 j 05:31	0°♄	
	-3959 Jun 09 j 00:37	0°♄			-3957 Dec 24 j 12:09	0°♄	
morning max el	-3959 Jun 23 j 05:44	12°♄50'42	46°02'27		-3956 Jan 18 j 02:45	0°♄	
	-3959 Jul 10 j 02:00	0°♄		asc. node	-3956 Feb 10 j 00:00	27°♄18'33	
	-3959 Aug 05 j 22:58	0°♂			-3956 Feb 12 j 07:00	0°♄	
asc. node	-3959 Aug 25 j 06:48	22°♂50'23			-3956 Mar 09 j 11:23	0°♄	
	-3959 Aug 31 j 05:14	0°♄			-3956 Apr 06 j 17:07	0°♄	
	-3959 Sep 24 j 15:37	0°♂		evening max el	-3956 Apr 13 j 21:12	6°♄58'52	45°10'26
	-3959 Oct 18 j 16:32	0°♄			-3956 May 12 j 18:39	0°♂	
	-3959 Nov 11 j 14:50	0°♄		greatest brilliancy	-3956 May 19 j 17:58	3°♂29'32	-4.5m
	-3959 Dec 05 j 14:28	0°♍		desc. node	-3956 May 31 j 20:50	6°♂14'43	
desc. node	-3959 Dec 15 j 03:09	11°♍52'52		retrograde	-3956 Jun 01 j 06:57	6°♂14'56	
morning set	-3959 Dec 26 j 21:20	26°♍30'25		evening set	-3956 Jun 16 j 11:37	1°♂54'10	
	-3959 Dec 29 j 16:50	0°♄			-3956 Jun 19 j 20:16	30°♄	
	-3958 Jan 22 j 21:55	0°♄		inferior conj	-3956 Jun 22 j 12:55	28°♄22'32	-4°-50'-57
				minimum elong	-3956 Jun 22 j 03:34	28°♄36'47	4°48'30
superior conj	-3958 Feb 05 j 02:43	16°♄18'12	-1°-22'-58	min. Earth dist.	-3956 Jun 22 j 22:10	28°♄08'26	0.28126 AU
minimum elong	-3958 Feb 05 j 00:09	16°♄10'16	1°23'08	morning rise	-3956 Jun 27 j 18:50	25°♄15'27	
max. Earth dist.	-3958 Feb 07 j 18:52	19°♄36'02	1.73053 AU	direct	-3956 Jul 13 j 22:25	20°♄17'48	
	-3958 Feb 16 j 05:17	0°♄		greatest brilliancy	-3956 Jul 28 j 13:11	24°♄02'42	-4.6m
	-3958 Mar 12 j 14:48	0°♄			-3956 Aug 07 j 12:31	0°♂	
evening rise	-3958 Mar 14 j 21:02	2°♄46'23		morning max el	-3956 Sep 02 j 03:21	22°♂24'44	46°39'37
	-3958 Apr 06 j 02:37	0°♄			-3956 Sep 09 j 12:01	0°♄	
asc. node	-3958 Apr 06 j 22:24	1°♄00'27		asc. node	-3956 Sep 21 j 18:17	13°♄19'39	
	-3958 Apr 30 j 17:02	0°♄			-3956 Oct 06 j 08:43	0°♂	
	-3958 May 25 j 10:42	0°♂			-3956 Oct 31 j 13:12	0°♄	
	-3958 Jun 19 j 09:14	0°♄			-3956 Nov 25 j 03:03	0°♄	
	-3958 Jul 14 j 16:13	0°♂			-3956 Dec 19 j 13:01	0°♍	
desc. node	-3958 Jul 27 j 17:56	15°♂14'14		desc. node	-3955 Jan 11 j 15:10	28°♍21'15	
	-3958 Aug 09 j 15:27	0°♄			-3955 Jan 12 j 23:22	0°♄	
	-3958 Sep 06 j 04:05	0°♄			-3955 Feb 06 j 10:51	0°♄	
evening max el	-3958 Sep 10 j 13:59	4°♄30'31	47°32'44		-3955 Mar 02 j 22:53	0°♄	
	-3958 Oct 09 j 22:33	0°♍		morning set	-3955 Mar 09 j 11:30	7°♄59'32	
greatest brilliancy	-3958 Oct 19 j 07:59	5°♍13'03	-4.7m		-3955 Mar 27 j 10:38	0°♄	
retrograde	-3958 Oct 31 j 11:30	7°♍59'30		max. Earth dist.	-3955 Apr 13 j 08:14	20°♄43'39	1.73730 AU
evening set	-3958 Nov 14 j 22:57	3°♍45'22					
asc. node	-3958 Nov 17 j 14:59	2°♍13'08		superior conj	-3955 Apr 14 j 21:35	22°♄38'16	0°-43'-33
min. Earth dist.	-3958 Nov 20 j 09:01	0°♍31'44	0.26689 AU	minimum elong	-3955 Apr 15 j 05:03	23°♄01'12	0°43'17

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3955 Apr 20 j 21:30	0°♈		asc. node	-3953 Oct 20 j 05:42	13°♏39'47	
asc. node	-3955 May 04 j 10:53	16°♈39'28			-3953 Nov 08 j 03:52	0°♐	
	-3955 May 15 j 07:06	0°♉		morning max el	-3953 Nov 15 j 07:35	7°♐08'13	46°50'10
evening rise	-3955 May 20 j 15:49	6°♉36'12			-3953 Dec 06 j 13:02	0°♑	
	-3955 Jun 08 j 15:22	0°♊			-3952 Jan 01 j 16:39	0°♒	
	-3955 Jul 02 j 22:53	0°♋			-3952 Jan 27 j 03:30	0°♓	
	-3955 Jul 27 j 07:06	0°♌		desc. node	-3952 Feb 09 j 03:02	15°♓26'49	
	-3955 Aug 20 j 18:15	0°♍			-3952 Feb 21 j 07:26	0°♐	
desc. node	-3955 Aug 24 j 06:01	4°♍15'33			-3952 Mar 17 j 07:00	0°♑	
	-3955 Sep 14 j 11:18	0°♎			-3952 Apr 11 j 02:30	0°♒	
	-3955 Oct 09 j 15:38	0°♏			-3952 May 05 j 17:39	0°♓	
	-3955 Nov 04 j 21:06	0°♐		morning set	-3952 May 15 j 14:39	12°♓05'47	
evening max el	-3955 Nov 20 j 18:16	16°♐56'15	47°00'19		-3952 May 30 j 04:02	0°♑	
	-3955 Dec 04 j 06:28	0°♑		asc. node	-3952 May 31 j 23:09	2°♑12'59	
asc. node	-3955 Dec 15 j 02:33	9°♑02'13		max. Earth dist.	-3952 Jun 16 j 06:18	21°♑08'21	1.72730 AU
greatest brilliancy	-3955 Dec 26 j 21:18	16°♑32'20	-4.6m				
retrograde	-3954 Jan 10 j 13:21	20°♑29'42		superior conj	-3952 Jun 20 j 15:12	26°♑33'42	0°44'03
evening set	-3954 Jan 27 j 23:18	14°♑31'17		minimum elong	-3952 Jun 20 j 07:33	26°♑09'58	0°43'52
min. Earth dist.	-3954 Jan 31 j 03:44	12°♑31'07	0.28758 AU		-3952 Jun 23 j 09:39	0°♊	
inferior conj	-3954 Jan 31 j 19:14	12°♑06'19	8°10'19		-3952 Jul 17 j 11:21	0°♋	
minimum elong	-3954 Jan 31 j 15:33	12°♑12'13	8°09'57	evening rise	-3952 Jul 27 j 00:49	11°♋57'06	
morning rise	-3954 Feb 04 j 08:04	9°♑52'40			-3952 Aug 10 j 10:55	0°♌	
direct	-3954 Feb 22 j 00:38	3°♑50'37			-3952 Sep 03 j 10:32	0°♍	
greatest brilliancy	-3954 Mar 05 j 10:04	6°♑10'49	-4.5m	desc. node	-3952 Sep 20 j 18:22	21°♍36'46	
desc. node	-3954 Apr 05 j 23:56	28°♑14'25			-3952 Sep 27 j 12:08	0°♎	
	-3954 Apr 07 j 22:09	0°♏			-3952 Oct 21 j 17:24	0°♏	
morning max el	-3954 Apr 11 j 19:54	3°♏39'30	45°49'48		-3952 Nov 15 j 04:52	0°♐	
	-3954 May 07 j 14:32	0°♑			-3952 Dec 10 j 04:17	0°♑	
	-3954 Jun 03 j 12:17	0°♒			-3951 Jan 05 j 05:15	0°♒	
	-3954 Jun 29 j 03:39	0°♓		asc. node	-3951 Jan 11 j 14:09	7°♒01'01	
	-3954 Jul 23 j 23:46	0°♊		evening max el	-3951 Jan 30 j 18:03	26°♒54'24	45°34'53
asc. node	-3954 Jul 27 j 21:06	4°♊46'01			-3951 Feb 02 j 23:01	0°♓	
	-3954 Aug 17 j 06:29	0°♋		greatest brilliancy	-3951 Mar 05 j 19:29	23°♓22'45	-4.5m
	-3954 Sep 10 j 04:44	0°♌		retrograde	-3951 Mar 20 j 10:44	27°♓06'47	
	-3954 Oct 03 j 23:14	0°♍		evening set	-3951 Apr 05 j 15:00	22°♓06'45	
morning set	-3954 Oct 07 j 21:53	4°♍58'49		inferior conj	-3951 Apr 10 j 21:59	18°♓52'44	4°49'44
	-3954 Oct 27 j 17:48	0°♎		minimum elong	-3951 Apr 11 j 06:30	18°♓39'18	4°47'44
desc. node	-3954 Nov 16 j 17:02	25°♎06'17		min. Earth dist.	-3951 Apr 11 j 13:31	18°♓28'13	0.29235 AU
				morning rise	-3951 Apr 16 j 21:46	15°♓14'04	
superior conj	-3954 Nov 18 j 19:00	27°♎43'01	0°-4'-52	direct	-3951 May 02 j 18:12	10°♓27'33	
minimum elong	-3954 Nov 18 j 17:38	27°♎38'43	0°04'54	desc. node	-3951 May 03 j 11:24	10°♓28'08	
behind sun begin	-3954 Nov 17 j 15:31	26°♎16'49		greatest brilliancy	-3951 May 16 j 16:34	13°♓49'57	-4.5m
behind sun end	-3954 Nov 19 j 19:45	29°♎00'36			-3951 Jun 09 j 06:17	0°♑	
	-3954 Nov 20 j 14:42	0°♏		morning max el	-3951 Jun 20 j 20:54	10°♑37'33	46°01'27
max. Earth dist.	-3954 Nov 23 j 14:55	3°♏46'15	1.71375 AU		-3951 Jul 09 j 19:29	0°♒	
	-3954 Dec 14 j 14:42	0°♐			-3951 Aug 05 j 13:11	0°♓	
evening rise	-3954 Dec 30 j 14:45	19°♐54'39		asc. node	-3951 Aug 24 j 08:55	22°♓17'23	
	-3953 Jan 07 j 18:00	0°♑			-3951 Aug 30 j 18:04	0°♔	
	-3953 Feb 01 j 01:17	0°♒			-3951 Sep 24 j 03:45	0°♌	
	-3953 Feb 25 j 14:03	0°♓			-3951 Oct 18 j 04:18	0°♍	
asc. node	-3953 Mar 09 j 12:14	14°♓26'50			-3951 Nov 11 j 02:23	0°♎	
	-3953 Mar 22 j 10:35	0°♑			-3951 Dec 05 j 01:49	0°♏	
	-3953 Apr 16 j 18:02	0°♒		desc. node	-3951 Dec 14 j 05:10	11°♏23'56	
	-3953 May 12 j 18:00	0°♊		morning set	-3951 Dec 24 j 08:08	23°♏59'59	
	-3953 Jun 09 j 00:43	0°♋			-3951 Dec 29 j 04:02	0°♌	
evening max el	-3953 Jun 26 j 12:43	17°♋48'07	46°16'23		-3950 Jan 22 j 08:59	0°♍	
desc. node	-3953 Jun 29 j 08:19	20°♋29'56					
	-3953 Jul 09 j 20:58	0°♌		superior conj	-3950 Feb 02 j 17:09	14°♔00'39	-1°-22'-28
greatest brilliancy	-3953 Aug 04 j 20:32	16°♌48'49	-4.6m	minimum elong	-3950 Feb 02 j 13:46	13°♔50'13	1°22'37
retrograde	-3953 Aug 15 j 05:13	18°♌45'51		max. Earth dist.	-3950 Feb 05 j 12:49	17°♔29'27	1.73001 AU
evening set	-3953 Sep 01 j 21:54	12°♌53'01			-3950 Feb 15 j 16:16	0°♑	
inferior conj	-3953 Sep 04 j 21:38	11°♌05'39	-8°-38'-28		-3950 Mar 12 j 01:46	0°♒	
minimum elong	-3953 Sep 05 j 03:40	10°♌56'31	8°37'48	evening rise	-3950 Mar 12 j 13:59	0°♓37'29	
min. Earth dist.	-3953 Sep 05 j 07:25	10°♌50'51	0.26841 AU		-3950 Apr 05 j 13:42	0°♑	
morning rise	-3953 Sep 08 j 09:21	9°♌00'50		asc. node	-3950 Apr 06 j 00:38	0°♑33'23	
direct	-3953 Sep 25 j 11:41	3°♌25'17			-3950 Apr 30 j 04:24	0°♒	
greatest brilliancy	-3953 Oct 08 j 10:55	6°♌33'55	-4.7m		-3950 May 24 j 22:36	0°♊	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3950 Jun 18 j 21:57	0°☾			-3948 Nov 24 j 15:31	0°♊		
	-3950 Jul 14 j 06:13	0°♋			-3948 Dec 19 j 00:52	0°♌		
desc. node	-3950 Jul 26 j 20:01	14°♋37'08		desc. node	-3947 Jan 10 j 17:16	27°♌52'36		
	-3950 Aug 09 j 07:47	0°♍			-3947 Jan 12 j 10:46	0°♎		
	-3950 Sep 06 j 02:06	0°♏			-3947 Feb 05 j 21:56	0°♐		
evening max el	-3950 Sep 08 j 03:01	2°♏04'00	47°31'45		-3947 Mar 02 j 09:43	0°♑		
	-3950 Oct 11 j 10:49	0°♒		morning set	-3947 Mar 07 j 04:32	5°♑51'37		
greatest brilliancy	-3950 Oct 17 j 00:43	2°♒49'20	-4.7m		-3947 Mar 26 j 21:20	0°♒		
retrograde	-3950 Oct 29 j 00:27	5°♒32'07		max. Earth dist.	-3947 Apr 11 j 07:38	18°♒55'26	1.73738 AU	
evening set	-3950 Nov 12 j 12:35	1°♓18'03						
	-3950 Nov 14 j 19:17	30°♓♅		superior conj	-3947 Apr 12 j 16:19	20°♒35'44	0°-46'-7	
asc. node	-3950 Nov 16 j 17:03	28°♅50'46		minimum elong	-3947 Apr 13 j 00:05	20°♒59'34	0°45'52	
min. Earth dist.	-3950 Nov 17 j 23:47	28°♅03'14	0.26643 AU		-3947 Apr 20 j 08:10	0°♈		
inferior conj	-3950 Nov 18 j 16:09	27°♅37'46	0°30'03	asc. node	-3947 May 03 j 12:59	16°♈13'03		
minimum elong	-3950 Nov 18 j 15:02	27°♅39'29	0°29'37		-3947 May 14 j 17:51	0°♉		
morning rise	-3950 Nov 24 j 18:09	24°♅01'21		evening rise	-3947 May 18 j 11:19	4°♉35'20		
direct	-3950 Dec 08 j 22:58	19°♅57'56			-3947 Jun 08 j 02:18	0°♊		
greatest brilliancy	-3950 Dec 19 j 23:45	22°♅14'20	-4.6m		-3947 Jul 02 j 10:08	0°♋		
	-3949 Jan 02 j 16:44	0°♌			-3947 Jul 26 j 18:49	0°♌		
morning max el	-3949 Jan 27 j 12:32	21°♌29'14	46°17'48		-3947 Aug 20 j 06:34	0°♍		
	-3949 Feb 05 j 00:12	0°♎		desc. node	-3947 Aug 23 j 08:12	3°♍44'20		
	-3949 Mar 04 j 21:56	0°♐			-3947 Sep 14 j 00:30	0°♏		
desc. node	-3949 Mar 08 j 14:45	4°♐08'01			-3947 Oct 09 j 06:18	0°♑		
	-3949 Mar 31 j 07:49	0°♑			-3947 Nov 04 j 14:50	0°♒		
	-3949 Apr 25 j 23:40	0°♒		evening max el	-3947 Nov 18 j 11:03	14°♒42'00	47°03'15	
	-3949 May 21 j 03:05	0°♓			-3947 Dec 04 j 11:28	0°♐		
	-3949 Jun 14 j 20:12	0°♈		asc. node	-3947 Dec 14 j 04:37	7°♐50'47		
asc. node	-3949 Jun 29 j 11:11	17°♈58'28		greatest brilliancy	-3947 Dec 24 j 14:54	14°♐20'43	-4.6m	
	-3949 Jul 09 j 04:22	0°♉		retrograde	-3946 Jan 08 j 06:47	18°♐17'26		
morning set	-3949 Jul 23 j 18:32	18°♉10'02		evening set	-3946 Jan 25 j 13:50	12°♐22'07		
	-3949 Aug 02 j 05:22	0°♊		inferior conj	-3946 Jan 29 j 11:39	9°♐54'14	8°06'35	
	-3949 Aug 26 j 01:51	0°♋		minimum elong	-3946 Jan 29 j 07:18	10°♐01'11	8°06'07	
max. Earth dist.	-3949 Aug 29 j 08:42	4°♋08'34	1.71087 AU	min. Earth dist.	-3946 Jan 28 j 18:30	10°♐21'39	0.28696 AU	
				morning rise	-3946 Feb 02 j 01:06	7°♐39'50		
superior conj	-3949 Aug 30 j 21:54	6°♋05'50	1°22'31	direct	-3946 Feb 19 j 16:45	1°♐39'43		
minimum elong	-3949 Aug 31 j 01:50	6°♋18'13	1°22'38	greatest brilliancy	-3946 Mar 02 j 22:49	3°♐57'20	-4.5m	
	-3949 Sep 18 j 20:47	0°♍		desc. node	-3946 Apr 05 j 02:10	27°♐23'22		
evening rise	-3949 Oct 10 j 19:48	27°♍39'09			-3946 Apr 07 j 21:37	0°♑		
	-3949 Oct 12 j 16:38	0°♏		morning max el	-3946 Apr 09 j 12:34	1°♑32'04	45°49'59	
desc. node	-3949 Oct 19 j 06:50	8°♏16'38			-3946 May 07 j 06:23	0°♒		
	-3949 Nov 05 j 15:00	0°♒			-3946 Jun 03 j 01:37	0°♓		
	-3949 Nov 29 j 16:52	0°♎			-3946 Jun 28 j 15:49	0°♈		
	-3949 Dec 23 j 23:43	0°♐			-3946 Jul 23 j 11:21	0°♉		
asc. node	-3948 Jan 17 j 14:46	0°♑	</					

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3945 Jun 24 j 02:24	15° \mathfrak{D} 27'50	46°13'05		-3942 Jan 21 j 19:59	0° \mathfrak{C}	
desc. node	-3945 Jun 28 j 10:25	19° \mathfrak{D} 35'10					
	-3945 Jul 10 j 06:27	0° \mathfrak{Q}		superior conj	-3942 Jan 31 j 07:31	11° \mathfrak{C} 43'03	-1°-21'-50
greatest brilliancy	-3945 Aug 02 j 08:35	14° \mathfrak{Q} 22'41	-4.6m	minimum elong	-3942 Jan 31 j 03:20	11° \mathfrak{C} 30'08	1°21'58
retrograde	-3945 Aug 12 j 16:48	16° \mathfrak{Q} 18'53		max. Earth dist.	-3942 Feb 03 j 04:41	15° \mathfrak{C} 16'32	1.72949 AU
evening set	-3945 Aug 30 j 11:54	10° \mathfrak{Q} 23'56			-3942 Feb 15 j 03:12	0° \approx	
inferior conj	-3945 Sep 02 j 09:57	8° \mathfrak{Q} 38'52	-8°-44'-11	evening rise	-3942 Mar 10 j 07:02	28° \approx 29'01	
minimum elong	-3945 Sep 02 j 15:07	8° \mathfrak{Q} 31'01	8°43'42		-3942 Mar 11 j 12:41	0° \mathfrak{H}	
min. Earth dist.	-3945 Sep 02 j 19:50	8° \mathfrak{Q} 23'54	0.26883 AU	asc. node	-3942 Apr 05 j 02:43	0° \mathfrak{Y} 06'08	
morning rise	-3945 Sep 05 j 18:15	6° \mathfrak{Q} 38'45			-3942 Apr 05 j 00:42	0° \mathfrak{Y}	
direct	-3945 Sep 23 j 00:40	0° \mathfrak{Q} 58'00			-3942 Apr 29 j 15:41	0° \mathfrak{B}	
greatest brilliancy	-3945 Oct 06 j 00:37	4° \mathfrak{Q} 06'46	-4.7m		-3942 May 24 j 10:24	0° \mathfrak{H}	
asc. node	-3945 Oct 19 j 07:49	12° \mathfrak{Q} 20'40			-3942 Jun 18 j 10:36	0° \mathfrak{D}	
	-3945 Nov 08 j 05:17	0° \mathfrak{H}			-3942 Jul 13 j 20:16	0° \mathfrak{Q}	
morning max el	-3945 Nov 12 j 20:06	4° \mathfrak{H} 39'11	46°50'33	desc. node	-3942 Jul 25 j 22:11	14° \mathfrak{Q} 00'05	
	-3945 Dec 06 j 06:17	0° \mathfrak{L}			-3942 Aug 09 j 00:25	0° \mathfrak{H}	
	-3944 Jan 01 j 07:02	0° \mathfrak{M}		evening max el	-3942 Sep 05 j 16:03	29° \mathfrak{H} 37'09	47°30'29
	-3944 Jan 26 j 16:23	0° \mathfrak{J}			-3942 Sep 06 j 01:09	0° \mathfrak{L}	
desc. node	-3944 Feb 08 j 05:12	14° \mathfrak{J} 56'19			-3942 Oct 13 j 19:17	0° \mathfrak{M}	
	-3944 Feb 20 j 19:24	0° \mathfrak{C}		greatest brilliancy	-3942 Oct 14 j 16:31	0° \mathfrak{M} 23'18	-4.7m
	-3944 Mar 16 j 18:21	0° \approx		retrograde	-3942 Oct 26 j 13:25	3° \mathfrak{M} 03'29	
	-3944 Apr 10 j 13:29	0° \mathfrak{H}			-3942 Nov 07 j 18:43	30° \mathfrak{R} \mathfrak{L}	
	-3944 May 05 j 04:25	0° \mathfrak{Y}		evening set	-3942 Nov 10 j 02:06	28° \mathfrak{L} 48'51	
morning set	-3944 May 13 j 09:51	10° \mathfrak{Y} 04'38		min. Earth dist.	-3942 Nov 15 j 14:09	25° \mathfrak{L} 33'20	0.26601 AU
	-3944 May 29 j 14:43	0° \mathfrak{B}		asc. node	-3942 Nov 15 j 19:08	25° \mathfrak{L} 25'36	
asc. node	-3944 May 31 j 01:12	1° \mathfrak{B} 46'17		inferior conj	-3942 Nov 16 j 05:04	25° \mathfrak{L} 10'13	0°06'20
max. Earth dist.	-3944 Jun 13 j 23:53	19° \mathfrak{B} 00'56	1.72792 AU	minimum elong	-3942 Nov 16 j 04:50	25° \mathfrak{L} 10'34	0°06'11
				transit middle	-3942 Nov 16 j 04:50	25° \mathfrak{L} 10'34	0°06'11
superior conj	-3944 Jun 18 j 09:36	24° \mathfrak{B} 28'36	0°41'21	transit begin	-3942 Nov 16 j 01:04	25° \mathfrak{L} 16'24	
minimum elong	-3944 Jun 18 j 02:18	24° \mathfrak{B} 05'58	0°41'11	transit end	-3942 Nov 16 j 08:36	25° \mathfrak{L} 04'44	
	-3944 Jun 22 j 20:23	0° \mathfrak{H}		morning rise	-3942 Nov 22 j 08:07	21° \mathfrak{L} 32'45	
	-3944 Jul 16 j 22:13	0° \mathfrak{D}		direct	-3942 Dec 06 j 11:01	17° \mathfrak{L} 30'47	
evening rise	-3944 Jul 24 j 16:59	9° \mathfrak{D} 43'22		greatest brilliancy	-3942 Dec 17 j 14:38	19° \mathfrak{L} 50'09	-4.6m
	-3944 Aug 09 j 22:00	0° \mathfrak{Q}			-3941 Jan 03 j 12:27	0° \mathfrak{M}	
	-3944 Sep 02 j 21:52	0° \mathfrak{H}		morning max el	-3941 Jan 25 j 02:31	19° \mathfrak{M} 08'35	46°19'14
desc. node	-3944 Sep 19 j 20:31	21° \mathfrak{H} 07'36			-3941 Feb 04 j 20:22	0° \mathfrak{J}	
	-3944 Sep 26 j 23:46	0° \mathfrak{L}			-3941 Mar 04 j 13:16	0° \mathfrak{C}	
	-3944 Oct 21 j 05:25	0° \mathfrak{M}		desc. node	-3941 Mar 07 j 16:55	3° \mathfrak{C} 32'05	
	-3944 Nov 14 j 17:28	0° \mathfrak{J}			-3941 Mar 30 j 21:06	0° \approx	
	-3944 Dec 09 j 17:56	0° \mathfrak{C}			-3941 Apr 25 j 11:51	0° \mathfrak{H}	
	-3943 Jan 04 j 21:13	0° \approx			-3941 May 20 j 14:37	0° \mathfrak{Y}	
asc. node	-3943 Jan 10 j 16:21	6° \approx 21'11			-3941 Jun 14 j 07:23	0° \mathfrak{B}	
evening max el	-3943 Jan 28 j 08:45	24° \approx 40'01	45°37'19	asc. node	-3941 Jun 28 j 13:26	17° \mathfrak{B} 31'12	
	-3943 Feb 02 j 22:30	0° \mathfrak{H}			-3941 Jul 08 j 15:23	0° \mathfrak{H}	
greatest brilliancy	-3943 Mar 03 j 11:30	21° \mathfrak{H} 15'09	-4.5m	morning set	-3941 Jul 21 j 10:34	15° \mathfrak{H} 55'55	
retrograde	-3943 Mar 18 j 03:14	25° \mathfrak{H} 00'57			-3941 Aug 01 j 16:23	0° \mathfrak{D}	
evening set	-3943 Apr 03 j 10:23	19° \mathfrak{H} 57'05			-3941 Aug 25 j 12:56	0° \mathfrak{Q}	
inferior conj	-3943 Apr 08 j 15:04	16° \mathfrak{H} 46'22	5°04'37	max. Earth dist.	-3941 Aug 26 j 19:15	1° \mathfrak{Q} 35'32	1.71129 AU
minimum elong	-3943 Apr 08 j 23:46	16° \mathfrak{H} 32'38	5°02'39				
min. Earth dist.	-3943 Apr 09 j 06:36	16° \mathfrak{H} 21'50	0.29254 AU	superior conj	-3941 Aug 28 j 11:10	3° \mathfrak{Q} 41'21	1°23'07
morning rise	-3943 Apr 14 j 12:52	13° \mathfrak{H} 10'02		minimum elong	-3941 Aug 28 j 14:13	3° \mathfrak{Q} 51'00	1°23'15
direct	-3943 Apr 30 j 10:36	8° \mathfrak{H} 20'46			-3941 Sep 18 j 07:58	0° \mathfrak{H}	
desc. node	-3943 May 02 j 13:22	8° \mathfrak{H} 25'51		evening rise	-3941 Oct 08 j 04:54	25° \mathfrak{H} 01'22	
greatest brilliancy	-3943 May 14 j 07:47	11° \mathfrak{H} 41'05	-4.5m		-3941 Oct 12 j 03:57	0° \mathfrak{L}	
	-3943 Jun 09 j 09:38	0° \mathfrak{Y}		desc. node	-3941 Oct 18 j 08:49	7° \mathfrak{L} 47'12	
morning max el	-3943 Jun 18 j 12:18	8° \mathfrak{Y} 25'58	46°00'25		-3941 Nov 05 j 02:27	0° \mathfrak{M}	
	-3943 Jul 09 j 12:20	0° \mathfrak{B}			-3941 Nov 29 j 04:28	0° \mathfrak{J}	
	-3943 Aug 05 j 03:06	0° \mathfrak{H}			-3941 Dec 23 j 11:34	0° \mathfrak{C}	
asc. node	-3943 Aug 23 j 11:08	21° \mathfrak{H} 45'08			-3940 Jan 17 j 03:04	0° \approx	
	-3943 Aug 30 j 06:44	0° \mathfrak{D}		asc. node	-3940 Feb 08 j 04:20	26° \approx 15'06	
	-3943 Sep 23 j 15:49	0° \mathfrak{Q}			-3940 Feb 11 j 09:13	0° \mathfrak{H}	
	-3943 Oct 17 j 16:01	0° \mathfrak{H}			-3940 Mar 08 j 17:48	0° \mathfrak{Y}	
	-3943 Nov 10 j 13:51	0° \mathfrak{L}			-3940 Apr 06 j 11:10	0° \mathfrak{B}	
	-3943 Dec 04 j 13:06	0° \mathfrak{M}		evening max el	-3940 Apr 09 j 04:32	2° \mathfrak{B} 36'42	45°09'08
desc. node	-3943 Dec 13 j 07:15	10° \mathfrak{M} 55'27		greatest brilliancy	-3940 May 14 j 16:27	28° \mathfrak{B} 55'05	-4.5m
morning set	-3943 Dec 21 j 18:42	21° \mathfrak{M} 28'54			-3940 May 17 j 12:28	0° \mathfrak{H}	
	-3943 Dec 28 j 15:09	0° \mathfrak{J}		retrograde	-3940 May 27 j 13:01	1° \mathfrak{H} 47'22	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3940 May 30 j 01:00	1°II40'06		superior conj	-3938 Nov 13 j 12:43	22°♂27'22	0°03'11
	-3940 Jun 06 j 02:44	30°R♂		minimum elong	-3938 Nov 13 j 13:35	22°♂30'03	0°03'06
evening set	-3940 Jun 11 j 13:26	27°♂30'33		behind sun begin	-3938 Nov 12 j 10:48	21°♂05'59	
inferior conj	-3940 Jun 17 j 18:26	23°♂53'21	-4°-14'-29	behind sun end	-3938 Nov 14 j 16:22	23°♂54'05	
minimum elong	-3940 Jun 17 j 09:54	24°♂06'22	4°12'09	desc. node	-3938 Nov 14 j 21:09	24°♂09'07	
min. Earth dist.	-3940 Jun 18 j 03:43	23°♂39'13	0.28211 AU	max. Earth dist.	-3938 Nov 18 j 11:27	28°♂39'47	1.71281 AU
morning rise	-3940 Jun 23 j 05:49	20°♂38'51			-3938 Nov 19 j 13:03	0°♂	
direct	-3940 Jul 09 j 06:01	15°♂47'00			-3938 Dec 13 j 12:59	0°♂	
greatest brilliancy	-3940 Jul 23 j 21:42	19°♂34'00	-4.6m	evening rise	-3938 Dec 25 j 13:46	14°♂58'43	
	-3940 Aug 08 j 20:33	0°II			-3937 Jan 06 j 16:17	0°♂	
morning max el	-3940 Aug 28 j 10:34	17°II50'26	46°37'18		-3937 Jan 30 j 23:43	0°♂	
	-3940 Sep 09 j 02:46	0°♂			-3937 Feb 24 j 12:58	0°♂	
asc. node	-3940 Sep 19 j 22:39	11°♂56'20		asc. node	-3937 Mar 07 j 16:29	13°♂29'32	
	-3940 Oct 05 j 15:08	0°♂			-3937 Mar 21 j 10:31	0°♂	
	-3940 Oct 30 j 16:10	0°♂			-3937 Apr 15 j 19:54	0°♂	
	-3940 Nov 24 j 04:11	0°♂			-3937 May 11 j 23:36	0°II	
	-3940 Dec 18 j 13:01	0°♂			-3937 Jun 08 j 14:44	0°♂	
desc. node	-3939 Jan 09 j 19:28	27°♂23'09		evening max el	-3937 Jun 21 j 15:05	13°♂04'02	46°09'51
	-3939 Jan 11 j 22:31	0°♂		desc. node	-3937 Jun 27 j 12:38	18°♂38'11	
	-3939 Feb 05 j 09:21	0°♂			-3937 Jul 10 j 19:45	0°♂	
	-3939 Mar 01 j 20:53	0°♂		greatest brilliancy	-3937 Jul 30 j 21:07	11°♂56'04	-4.6m
morning set	-3939 Mar 04 j 21:07	3°♂41'16		retrograde	-3937 Aug 10 j 04:01	13°♂51'18	
	-3939 Mar 26 j 08:20	0°♂		evening set	-3937 Aug 28 j 01:35	7°♂54'35	
max. Earth dist.	-3939 Apr 09 j 07:33	17°♂07'49	1.73741 AU	inferior conj	-3937 Aug 30 j 22:20	6°♂11'27	-8°-49'-1
				minimum elong	-3937 Aug 31 j 02:36	6°♂04'58	8°48'38
superior conj	-3939 Apr 10 j 10:47	18°♂31'22	0°-48'-40	min. Earth dist.	-3937 Aug 31 j 08:34	5°♂55'56	0.26922 AU
minimum elong	-3939 Apr 10 j 18:48	18°♂56'00	0°48'24	morning rise	-3937 Sep 03 j 03:29	4°♂15'45	
	-3939 Apr 19 j 19:09	0°♂			-3937 Sep 11 j 22:54	30°R♂	
asc. node	-3939 May 02 j 15:01	15°♂45'28		direct	-3937 Sep 20 j 13:14	28°♂29'53	
	-3939 May 14 j 04:55	0°♂			-3937 Sep 29 j 09:50	0°♂	
evening rise	-3939 May 16 j 06:45	2°♂33'20		greatest brilliancy	-3937 Oct 03 j 15:16	1°♂40'07	-4.7m
	-3939 Jun 07 j 13:34	0°II		asc. node	-3937 Oct 18 j 09:52	11°♂03'04	
	-3939 Jul 01 j 21:41	0°♂			-3937 Nov 08 j 05:45	0°♂	
	-3939 Jul 26 j 06:46	0°♂		morning max el	-3937 Nov 10 j 08:08	2°♂08'06	46°51'06
	-3939 Aug 19 j 19:08	0°♂			-3937 Dec 05 j 23:24	0°♂	
desc. node	-3939 Aug 22 j 10:21	3°♂12'24			-3937 Dec 31 j 21:28	0°♂	
	-3939 Sep 13 j 14:00	0°♂			-3936 Jan 26 j 05:28	0°♂	
	-3939 Oct 08 j 21:23	0°♂		desc. node	-3936 Feb 07 j 07:18	14°♂24'49	
	-3939 Nov 04 j 09:22	0°♂			-3936 Feb 20 j 07:39	0°♂	
evening max el	-3939 Nov 16 j 03:49	12°♂26'19	47°05'42		-3936 Mar 16 j 06:04	0°♂	
	-3939 Dec 04 j 19:23	0°♂			-3936 Apr 10 j 00:51	0°♂	
asc. node	-3939 Dec 13 j 06:52	6°♂35'39			-3936 May 04 j 15:34	0°♂	
greatest brilliancy	-3939 Dec 22 j 09:17	12°♂07'52	-4.6m	morning set	-3936 May 11 j 04:38	8°♂00'59	
retrograde	-3938 Jan 05 j 23:36	16°♂02'08			-3936 May 29 j 01:47	0°♂	
evening set	-3938 Jan 23 j 03:47	10°♂10'38		asc. node	-3936 May 30 j 03:24	1°♂18'59	
min. Earth dist.	-3938 Jan 26 j 09:10	8°♂09'00	0.28632 AU	max. Earth dist.	-3936 Jun 11 j 19:03	16°♂57'26	1.72850 AU
inferior conj	-3938 Jan 27 j 03:40	7°♂39'23	8°02'00				
minimum elong	-3938 Jan 26 j 22:42	7°♂47'20	8°01'26	superior conj	-3936 Jun 16 j 03:41	22°♂21'35	0°38'36
morning rise	-3938 Jan 30 j 18:02	5°♂23'37		minimum elong	-3936 Jun 15 j 20:45	22°♂00'05	0°38'25
	-3938 Feb 12 j 01:49	30°R♂			-3936 Jun 22 j 07:27	0°II	
direct	-3938 Feb 17 j 08:31	29°♂26'11			-3936 Jul 16 j 09:25	0°♂	
	-3938 Feb 22 j 18:52	0°♂		evening rise	-3936 Jul 22 j 09:08	7°♂28'43	
greatest brilliancy	-3938 Feb 28 j 10:58	1°♂40'42	-4.5m		-3936 Aug 09 j 09:25	0°♂	
desc. node	-3938 Apr 04 j 04:11	26°♂31'03			-3936 Sep 02 j 09:32	0°♂	
morning max el	-3938 Apr 07 j 04:12	29°♂20'30	45°50'17	desc. node	-3936 Sep 18 j 22:31	20°♂36'57	
	-3938 Apr 07 j 20:46	0°♂			-3936 Sep 26 j 11:43	0°♂	
	-3938 May 06 j 22:29	0°♂			-3936 Oct 20 j 17:43	0°♂	
	-3938 Jun 02 j 15:16	0°♂			-3936 Nov 14 j 06:19	0°♂	
	-3938 Jun 28 j 04:20	0°♂			-3936 Dec 09 j 07:52	0°♂	
	-3938 Jul 22 j 23:15	0°II			-3935 Jan 04 j 13:40	0°♂	
asc. node	-3938 Jul 26 j 01:25	3°II47'31		asc. node	-3935 Jan 09 j 18:30	5°♂40'12	
	-3938 Aug 16 j 05:19	0°♂		evening max el	-3935 Jan 25 j 23:05	22°♂24'02	45°39'39
	-3938 Sep 09 j 03:15	0°♂			-3935 Feb 02 j 23:27	0°♂	
morning set	-3938 Oct 02 j 19:56	29°♂54'36		greatest brilliancy	-3935 Mar 01 j 02:21	19°♂04'54	-4.5m
	-3938 Oct 02 j 21:38	0°♂		retrograde	-3935 Mar 15 j 19:53	22°♂53'53	
	-3938 Oct 26 j 16:11	0°♂		evening set	-3935 Apr 01 j 05:37	17°♂45'46	
				inferior conj	-3935 Apr 06 j 08:00	14°♂38'27	5°19'12

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

minimum elong	-3935 Apr 06 j 16:50	14° K 24'30	5°17'15			-3933 Sep 17 j 19:10	0° M	
min. Earth dist.	-3935 Apr 06 j 23:21	14° K 14'12	0.29277 AU	evening rise		-3933 Oct 05 j 13:53	22° M 23'13	
morning rise	-3935 Apr 12 j 03:45	11° K 04'55				-3933 Oct 11 j 15:16	0° L	
direct	-3935 Apr 28 j 02:57	6° K 12'19		desc. node		-3933 Oct 17 j 10:56	7° L 18'17	
desc. node	-3935 May 01 j 15:32	6° K 26'21				-3933 Nov 04 j 13:54	0° M	
greatest brilliancy	-3935 May 12 j 00:06	9° K 32'15	-4.5m			-3933 Nov 28 j 16:05	0° J	
	-3935 Jun 09 j 11:59	0° Y				-3933 Dec 22 j 23:24	0° Z	
morning max el	-3935 Jun 16 j 04:20	6° Y 14'49	45°59'29			-3932 Jan 16 j 15:20	0° \approx	
	-3935 Jul 09 j 05:14	0° B		asc. node		-3932 Feb 07 j 06:24	25° \approx 42'51	
	-3935 Aug 04 j 17:11	0° II				-3932 Feb 10 j 22:27	0° K	
asc. node	-3935 Aug 22 j 13:12	21° II 11'49				-3932 Mar 08 j 09:17	0° Y	
	-3935 Aug 29 j 19:35	0° S				-3932 Apr 06 j 09:17	0° B	
	-3935 Sep 23 j 04:02	0° Q		evening max el		-3932 Apr 06 j 20:47	0° B 27'22	45°08'31
	-3935 Oct 17 j 03:53	0° M		greatest brilliancy		-3932 May 12 j 05:15	26° B 40'17	-4.5m
	-3935 Nov 10 j 01:29	0° L		retrograde		-3932 May 25 j 03:46	29° B 34'03	
	-3935 Dec 04 j 00:31	0° M		desc. node		-3932 May 29 j 03:11	29° B 15'40	
desc. node	-3935 Dec 12 j 09:27	10° M 26'51		evening set		-3932 Jun 09 j 02:52	25° B 19'12	
morning set	-3935 Dec 19 j 05:25	18° M 57'40		inferior conj		-3932 Jun 15 j 09:21	21° B 39'27	-3°-55'-47
	-3935 Dec 28 j 02:24	0° J		minimum elong		-3932 Jun 15 j 01:19	21° B 51'43	3°53'32
	-3934 Jan 21 j 07:05	0° Z		min. Earth dist.		-3932 Jun 15 j 18:44	21° B 25'07	0.28255 AU
				morning rise		-3932 Jun 20 j 23:16	18° B 21'09	
superior conj	-3934 Jan 28 j 22:00	9° Z 25'25	-1°-21'-3	direct		-3932 Jul 06 j 22:08	13° B 32'26	
minimum elong	-3934 Jan 28 j 17:01	9° Z 10'00	1°21'10	greatest brilliancy		-3932 Jul 21 j 12:51	17° B 18'25	-4.6m
max. Earth dist.	-3934 Jan 31 j 20:09	13° Z 02'03	1.72898 AU			-3932 Aug 09 j 06:49	0° II	
	-3934 Feb 14 j 14:13	0° \approx		morning max el		-3932 Aug 26 j 01:19	15° II 31'16	46°35'59
evening rise	-3934 Mar 08 j 00:09	26° \approx 20'26				-3932 Sep 08 j 21:27	0° S	
	-3934 Mar 10 j 23:43	0° K		asc. node		-3932 Sep 19 j 00:45	11° S 14'53	
asc. node	-3934 Apr 04 j 04:47	29° K 38'20				-3932 Oct 05 j 06:05	0° Q	
	-3934 Apr 04 j 11:53	0° Y				-3932 Oct 30 j 05:31	0° M	
	-3934 Apr 29 j 03:11	0° B				-3932 Nov 23 j 16:42	0° L	
	-3934 May 23 j 22:27	0° II				-3932 Dec 18 j 00:58	0° M	
	-3934 Jun 17 j 23:33	0° S		desc. node		-3931 Jan 08 j 21:29	26° M 53'48	
	-3934 Jul 13 j 10:41	0° Q				-3931 Jan 11 j 10:04	0° J	
desc. node	-3934 Jul 25 j 00:16	13° Q 21'55				-3931 Feb 04 j 20:34	0° Z	
	-3934 Aug 08 j 17:33	0° M				-3931 Mar 01 j 07:50	0° \approx	
evening max el	-3934 Sep 03 j 05:38	27° M 11'29	47°29'15	morning set		-3931 Mar 02 j 13:53	1° \approx 32'02	
	-3934 Sep 06 j 01:22	0° L				-3931 Mar 25 j 19:08	0° K	
greatest brilliancy	-3934 Oct 12 j 07:16	27° L 55'32	-4.7m	max. Earth dist.		-3931 Apr 07 j 07:04	15° K 19'43	1.73737 AU
	-3934 Oct 18 j 18:32	0° M						
retrograde	-3934 Oct 24 j 02:44	0° M 34'15		superior conj		-3931 Apr 08 j 05:32	16° K 28'37	0°-51'-7
	-3934 Oct 29 j 08:01	30° R L		minimum elong		-3931 Apr 08 j 13:45	16° K 53'52	0°50'51
evening set	-3934 Nov 07 j 15:43	26° L 18'39				-3931 Apr 19 j 05:53	0° Y	
min. Earth dist.	-3934 Nov 13 j 04:06	23° L 03'02	0.26562 AU	asc. node		-3931 May 01 j 17:16	15° Y 19'20	
inferior conj	-3934 Nov 13 j 17:49	22° L 41'49	0°-17'-39			-3931 May 13 j 15:44	0° B	
minimum elong	-3934 Nov 13 j 18:29	22° L 40'48	0°17'30	evening rise		-3931 May 14 j 02:27	0° B 32'56	
asc. node	-3934 Nov 14 j 21:26	21° L 59'15				-3931 Jun 07 j 00:35	0° II	
morning rise	-3934 Nov 19 j 21:46	19° L 03'48				-3931 Jul 01 j 09:03	0° S	
direct	-3934 Dec 03 j 23:31	15° L 02'55				-3931 Jul 25 j 18:38	0° Q	
greatest brilliancy	-3934 Dec 15 j 04:55	17° L 24'45	-4.6m			-3931 Aug 19 j 07:40	0° M	
	-3933 Jan 04 j 03:19	0° M		desc. node		-3931 Aug 21 j 12:20	2° M 40'05	
morning max el	-3933 Jan 22 j 17:12	16° M 49'29	46°20'46			-3931 Sep 13 j 03:31	0° L	
	-3933 Feb 04 j 15:57	0° J				-3931 Oct 08 j 12:32	0° M	
	-3933 Mar 04 j 04:22	0° Z				-3931 Nov 04 j 04:11	0° J	
desc. node	-3933 Mar 06 j 18:56	2° Z 56'05		evening max el		-3931 Nov 13 j 19:45	10° J 08'51	47°08'15
	-3933 Mar 30 j 10:15	0° \approx				-3931 Dec 05 j 05:47	0° Z	
	-3933 Apr 24 j 23:58	0° K		asc. node		-3931 Dec 12 j 08:58	5° Z 18'40	
	-3933 May 20 j 02:10	0° Y		greatest brilliancy		-3931 Dec 20 j 04:24	9° Z 56'33	-4.6m
	-3933 Jun 13 j 18:37	0° B		retrograde		-3930 Jan 03 j 15:59	13° Z 47'28	
asc. node	-3933 Jun 27 j 15:33	17° B 03'17		evening set		-3930 Jan 20 j 17:39	8° Z 00'15	
	-3933 Jul 08 j 02:30	0° II		min. Earth dist.		-3930 Jan 24 j 00:13	5° Z 56'43	0.28563 AU
morning set	-3933 Jul 19 j 02:27	13° II 41'08		inferior conj		-3930 Jan 24 j 19:45	5° Z 25'25	7°56'43
	-3933 Aug 01 j 03:28	0° S		minimum elong		-3930 Jan 24 j 14:12	5° Z 34'20	7°56'02
max. Earth dist.	-3933 Aug 24 j 04:08	28° S 57'13	1.71167 AU	morning rise		-3930 Jan 28 j 11:09	3° Z 07'54	
	-3933 Aug 25 j 00:04	0° Q				-3930 Feb 03 j 05:37	30° R J	
				direct		-3930 Feb 15 j 00:00	27° J 13'34	
superior conj	-3933 Aug 26 j 00:19	1° Q 16'26	1°23'34	greatest brilliancy		-3930 Feb 25 j 23:44	29° J 25'28	-4.5m
minimum elong	-3933 Aug 26 j 02:30	1° Q 23'16	1°23'42			-3930 Feb 27 j 10:13	0° Z	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

desc. node	-3930 Apr 03 j 06:20	25° C 41'02		desc. node	-3928 Sep 01 j 20:50	0° M	
morning max el	-3930 Apr 04 j 19:04	27° C 07'58	45°50'44	desc. node	-3928 Sep 18 j 00:41	20° M 07'57	
	-3930 Apr 07 j 18:35	0° \approx			-3928 Sep 25 j 23:20	0° L	
	-3930 May 06 j 13:56	0° H			-3928 Oct 20 j 05:46	0° M	
	-3930 Jun 02 j 04:25	0° Y			-3928 Nov 13 j 19:00	0° J	
	-3930 Jun 27 j 16:24	0° B			-3928 Dec 08 j 21:44	0° C	
	-3930 Jul 22 j 10:46	0° II			-3927 Jan 04 j 06:12	0° \approx	
asc. node	-3930 Jul 25 j 03:30	3° II 18'38		asc. node	-3927 Jan 08 j 20:34	4° \approx 59'05	
	-3930 Aug 15 j 16:35	0° C		evening max el	-3927 Jan 23 j 13:53	20° \approx 09'45	45°42'21
	-3930 Sep 08 j 14:25	0° L			-3927 Feb 03 j 01:27	0° H	
morning set	-3930 Sep 30 j 06:53	27° L 22'23		greatest brilliancy	-3927 Feb 26 j 17:10	16° H 55'31	-4.5m
	-3930 Oct 02 j 08:47	0° M		retrograde	-3927 Mar 13 j 13:12	20° H 47'49	
	-3930 Oct 26 j 03:19	0° L		evening set	-3927 Mar 30 j 00:56	15° H 35'19	
				inferior conj	-3927 Apr 04 j 00:57	12° H 31'26	5°33'19
superior conj	-3930 Nov 10 j 21:19	19° L 48'51	0°07'13	minimum elong	-3927 Apr 04 j 09:53	12° H 17'20	5°31'24
minimum elong	-3930 Nov 10 j 23:17	19° L 55'02	0°07'04	min. Earth dist.	-3927 Apr 04 j 15:45	12° H 08'05	0.29295 AU
behind sun begin	-3930 Nov 09 j 22:32	18° L 37'18		morning rise	-3927 Apr 09 j 18:34	9° H 01'04	
behind sun end	-3930 Nov 12 j 00:03	21° L 12'44		direct	-3927 Apr 25 j 19:34	4° H 04'54	
desc. node	-3930 Nov 13 j 23:20	23° L 41'08		desc. node	-3927 Apr 30 j 17:46	4° H 32'06	
max. Earth dist.	-3930 Nov 15 j 18:27	25° L 56'24	1.71231 AU	greatest brilliancy	-3927 May 09 j 16:24	7° H 24'42	-4.5m
	-3930 Nov 19 j 00:09	0° M			-3927 Jun 09 j 12:30	0° Y	
	-3930 Dec 13 j 00:02	0° J		morning max el	-3927 Jun 13 j 21:18	4° Y 07'16	45°58'38
evening rise	-3930 Dec 23 j 00:39	12° J 28'58			-3927 Jul 08 j 21:23	0° B	
	-3929 Jan 06 j 03:20	0° C			-3927 Aug 04 j 06:44	0° II	
	-3929 Jan 30 j 10:51	0° \approx		asc. node	-3927 Aug 21 j 15:19	20° II 39'58	
	-3929 Feb 24 j 00:21	0° H			-3927 Aug 29 j 07:58	0° C	
asc. node	-3929 Mar 06 j 18:36	13° H 01'05			-3927 Sep 22 j 15:50	0° L	
	-3929 Mar 20 j 22:25	0° Y			-3927 Oct 16 j 15:22	0° M	
	-3929 Apr 15 j 08:47	0° B			-3927 Nov 09 j 12:46	0° L	
	-3929 May 11 j 14:26	0° II			-3927 Dec 03 j 11:39	0° M	
	-3929 Jun 08 j 10:14	0° C		desc. node	-3927 Dec 11 j 11:27	9° M 58'26	
evening max el	-3929 Jun 19 j 03:02	10° C 40'06	46°06'42	morning set	-3927 Dec 16 j 15:45	16° M 25'50	
desc. node	-3929 Jun 26 j 14:40	17° C 41'07			-3927 Dec 27 j 13:25	0° J	
	-3929 Jul 11 j 12:28	0° L			-3926 Jan 20 j 18:00	0° C	
greatest brilliancy	-3929 Jul 28 j 08:59	9° L 30'38	-4.6m				
retrograde	-3929 Aug 07 j 15:30	11° L 25'56		superior conj	-3926 Jan 26 j 11:47	7° C 06'05	-1°-20'-6
evening set	-3929 Aug 25 j 14:52	5° L 27'43		minimum elong	-3926 Jan 26 j 06:01	6° C 48'16	1°20'13
inferior conj	-3929 Aug 28 j 10:51	3° L 45'49	-8°-52'-36	max. Earth dist.	-3926 Jan 29 j 10:44	10° C 45'18	1.72847 AU
minimum elong	-3929 Aug 28 j 14:13	3° L 40'44	8°52'18		-3926 Feb 14 j 01:03	0° \approx	
min. Earth dist.	-3929 Aug 28 j 21:26	3° L 29'47	0.26972 AU	evening rise	-3926 Mar 05 j 16:45	24° \approx 10'54	
morning rise	-3929 Aug 31 j 13:25	1° L 53'56			-3926 Mar 10 j 10:32	0° H	
	-3929 Sep 03 j 22:51	30° R C		asc. node	-3926 Apr 03 j 06:59	29° H 11'41	
direct	-3929 Sep 18 j 01:53	26° C 03'12			-3926 Apr 03 j 22:49	0° Y	
greatest brilliancy	-3929 Oct 01 j 07:14	29° C 16'29	-4.7m		-3926 Apr 28 j 14:27	0° B	
	-3929 Oct 02 j 19:23	0° L			-3926 May 23 j 10:18	0° II	
asc. node	-3929 Oct 17 j 12:10	9° L 49'10			-3926 Jun 17 j 12:18	0° C	
morning max el	-3929 Nov 07 j 20:41	29° L 38'55	46°51'28		-3926 Jul 13 j 00:55	0° L	
	-3929 Nov 08 j 04:54	0° M		desc. node	-3926 Jul 24 j 02:21	12° L 44'22	
	-3929 Dec 05 j 16:02	0° L			-3926 Aug 08 j 10:38	0° M	
	-3929 Dec 31 j 11:35	0° M		evening max el	-3926 Aug 31 j 20:15	24° M 49'43	47°27'55
	-3928 Jan 25 j 18:13	0° J			-3926 Sep 06 j 02:14	0° L	
desc. node	-3928 Feb 06 j 09:22	13° J 54'09		greatest brilliancy	-3926 Oct 09 j 21:26	25° L 28'37	-4.7m
	-3928 Feb 19 j 19:32	0° C		retrograde	-3926 Oct 21 j 16:24	28° L 06'16	
	-3928 Mar 15 j 17:25	0° \approx		evening set	-3926 Nov 05 j 05:39	23° L 49'36	
	-3928 Apr 09 j 11:50	0° H		min. Earth dist.	-3926 Nov 10 j 17:45	20° L 34'23	0.26528 AU
	-3928 May 04 j 02:20	0° Y		inferior conj	-3926 Nov 11 j 06:38	20° L 14'33	0°-41'-31
morning set	-3928 May 08 j 23:38	5° Y 59'11		minimum elong	-3926 Nov 11 j 08:11	20° L 12'09	0°41'05
	-3928 May 28 j 12:27	0° B		asc. node	-3926 Nov 13 j 23:28	18° L 35'39	
asc. node	-3928 May 29 j 05:30	0° B 52'34		morning rise	-3926 Nov 17 j 11:17	16° L 36'17	
max. Earth dist.	-3928 Jun 09 j 16:09	15° B 01'04	1.72903 AU	direct	-3926 Dec 01 j 12:36	12° L 36'21	
				greatest brilliancy	-3926 Dec 12 j 18:26	14° L 59'24	-4.6m
superior conj	-3928 Jun 13 j 22:12	20° B 17'07	0°35'48		-3925 Jan 04 j 14:05	0° M	
minimum elong	-3928 Jun 13 j 15:40	19° B 56'52	0°35'38	morning max el	-3925 Jan 20 j 08:06	14° M 31'24	46°21'59
	-3928 Jun 21 j 18:09	0° II			-3925 Feb 04 j 10:49	0° J	
	-3928 Jul 15 j 20:14	0° C			-3925 Mar 03 j 19:10	0° C	
evening rise	-3928 Jul 20 j 01:58	5° C 17'34		desc. node	-3925 Mar 05 j 21:06	2° C 21'03	
	-3928 Aug 08 j 20:26	0° L			-3925 Mar 29 j 23:12	0° \approx	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3925 Apr 24 j 11:54	0° H		asc. node	-3923 Dec 11 j 11:03	3° Z 59'09	
	-3925 May 19 j 13:30	0° Y		greatest brilliancy	-3923 Dec 17 j 23:27	7° Z 44'47	-4.6m
	-3925 Jun 13 j 05:39	0° B		retrograde	-3922 Jan 01 j 07:57	11° Z 32'40	
asc. node	-3925 Jun 26 j 17:33	16° B 35'39		evening set	-3922 Jan 18 j 07:20	5° Z 49'58	
	-3925 Jul 07 j 13:24	0° II		min. Earth dist.	-3922 Jan 21 j 15:35	3° Z 43'56	0.28493 AU
morning set	-3925 Jul 16 j 18:32	11° II 27'44		inferior conj	-3922 Jan 22 j 11:52	3° Z 11'24	7°50'37
	-3925 Jul 31 j 14:22	0° S		minimum elong	-3922 Jan 22 j 05:43	3° Z 21'15	7°49'50
max. Earth dist.	-3925 Aug 21 j 10:50	26° S 12'41	1.71206 AU	morning rise	-3922 Jan 26 j 04:32	0° Z 51'49	
					-3922 Jan 27 j 15:22	30° R 7	
superior conj	-3925 Aug 23 j 13:59	28° S 53'46	1°23'52	direct	-3922 Feb 12 j 15:05	25° Z 00'47	
minimum elong	-3925 Aug 23 j 15:15	28° S 57'47	1°24'00	greatest brilliancy	-3922 Feb 23 j 13:27	27° Z 11'06	-4.5m
	-3925 Aug 24 j 11:01	0° Q			-3922 Mar 01 j 16:11	0° Z	
	-3925 Sep 17 j 06:12	0° P		desc. node	-3922 Apr 02 j 08:32	24° Z 51'45	
evening rise	-3925 Oct 02 j 23:22	19° P 47'10		morning max el	-3922 Apr 02 j 09:13	24° Z 53'22	45°51'07
	-3925 Oct 11 j 02:24	0° A			-3922 Apr 07 j 15:43	0° \approx	
desc. node	-3925 Oct 16 j 13:06	6° A 50'07			-3922 May 06 j 05:19	0° H	
	-3925 Nov 04 j 01:09	0° M			-3922 Jun 01 j 17:41	0° Y	
	-3925 Nov 28 j 03:29	0° Z			-3922 Jun 27 j 04:39	0° B	
	-3925 Dec 22 j 11:04	0° Z			-3922 Jul 21 j 22:28	0° II	
	-3924 Jan 16 j 03:31	0° \approx		asc. node	-3922 Jul 24 j 05:40	2° II 49'29	
asc. node	-3924 Feb 06 j 08:31	25° \approx 10'48			-3922 Aug 15 j 03:59	0° S	
	-3924 Feb 10 j 11:43	0° H			-3922 Sep 08 j 01:42	0° Q	
	-3924 Mar 08 j 01:01	0° Y		morning set	-3922 Sep 27 j 17:56	24° Q 50'07	
evening max el	-3924 Apr 04 j 12:39	28° Y 16'59	45°08'00		-3922 Oct 01 j 20:03	0° P	
	-3924 Apr 06 j 08:22	0° B			-3922 Oct 25 j 14:35	0° A	
greatest brilliancy	-3924 May 09 j 19:14	24° B 26'58	-4.5m				
retrograde	-3924 May 22 j 18:09	27° B 21'05		superior conj	-3922 Nov 08 j 06:00	17° A 10'05	0°11'13
desc. node	-3924 May 28 j 05:12	26° B 46'27		minimum elong	-3922 Nov 08 j 09:04	17° A 19'41	0°11'02
evening set	-3924 Jun 06 j 16:34	23° B 08'02		behind sun begin	-3922 Nov 07 j 12:44	16° A 15'50	
inferior conj	-3924 Jun 13 j 00:22	19° B 26'04	-3°-36'-46	behind sun end	-3922 Nov 09 j 05:23	18° A 23'31	
minimum elong	-3924 Jun 12 j 16:52	19° B 37'33	3°34'39	max. Earth dist.	-3922 Nov 12 j 22:05	23° A 01'54	1.71187 AU
min. Earth dist.	-3924 Jun 13 j 10:07	19° B 11'07	0.28294 AU	desc. node	-3922 Nov 13 j 01:17	23° A 11'59	
morning rise	-3924 Jun 18 j 16:37	16° B 04'02			-3922 Nov 18 j 11:24	0° M	
direct	-3924 Jul 04 j 13:52	11° B 18'25			-3922 Dec 12 j 11:16	0° Z	
greatest brilliancy	-3924 Jul 19 j 03:34	15° B 02'43	-4.6m	evening rise	-3922 Dec 20 j 11:27	9° Z 58'21	
	-3924 Aug 09 j 14:12	0° II			-3921 Jan 05 j 14:34	0° Z	
morning max el	-3924 Aug 23 j 15:10	13° II 10'16	46°34'40		-3921 Jan 29 j 22:11	0° \approx	
	-3924 Sep 08 j 15:32	0° S			-3921 Feb 23 j 11:56	0° H	
asc. node	-3924 Sep 18 j 02:58	10° S 34'33		asc. node	-3921 Mar 05 j 20:50	12° H 32'22	
	-3924 Oct 04 j 20:46	0° Q			-3921 Mar 20 j 10:33	0° Y	
	-3924 Oct 29 j 18:43	0° P			-3921 Apr 14 j 22:00	0° B	
	-3924 Nov 23 j 05:04	0° A			-3921 May 11 j 05:49	0° II	
	-3924 Dec 17 j 12:49	0° M			-3921 Jun 08 j 06:46	0° S	
desc. node	-3923 Jan 07 j 23:34	26° M 24'52		evening max el	-3921 Jun 16 j 15:04	8° S 15'33	46°03'36
	-3923 Jan 10 j 21:31	0° Z		desc. node	-3921 Jun 25 j 16:48	16° S 41'44	
	-3923 Feb 04 j 07:43	0° Z			-3921 Jul 12 j 11:39	0° Q	
morning set	-3923 Feb 28 j 06:23	29° Z 22'01		greatest brilliancy	-3921 Jul 25 j 19:59	7° Q 03'12	-4.6m
	-3923 Feb 28 j 18:46	0° \approx		retrograde	-3921 Aug 05 j 03:28	8° Q 59'37	
	-3923 Mar 25 j 05:57	0° H		evening set	-3921 Aug 23 j 03:30	3° Q 00'27	
max. Earth dist.	-3923 Apr 05 j 04:23	13° H 24'42	1.73734 AU	inferior conj	-3921 Aug 25 j 23:17	1° Q 19'06	-8°-55'-4
				minimum elong	-3921 Aug 26 j 01:42	1° Q 15'27	8°54'52
superior conj	-3923 Apr 06 j 00:00	14° H 24'52	0°-53'-31	min. Earth dist.	-3921 Aug 26 j 09:56	1° Q 03'00	0.27019 AU
minimum elong	-3923 Apr 06 j 08:23	14° H 50'37	0°53'17		-3921 Aug 28 j 03:50	30° R 5	
	-3923 Apr 18 j 16:42	0° Y		morning rise	-3921 Aug 28 j 23:44	29° S 30'30	
asc. node	-3923 Apr 30 j 19:18	14° Y 52'20		direct	-3921 Sep 15 j 14:39	23° S 35'27	
evening rise	-3923 May 11 j 21:45	28° Y 31'12		greatest brilliancy	-3921 Sep 28 j 23:12	26° S 52'13	-4.7m
	-3923 May 13 j 02:38	0° B			-3921 Oct 04 j 18:25	0° Q	
	-3923 Jun 06 j 11:42	0° II		asc. node	-3921 Oct 16 j 14:15	8° Q 36'11	
	-3923 Jun 30 j 20:29	0° S		morning max el	-3921 Nov 05 j 09:56	27° Q 10'51	46°51'50
	-3923 Jul 25 j 06:34	0° Q			-3921 Nov 08 j 03:24	0° P	
	-3923 Aug 18 j 20:18	0° P			-3921 Dec 05 j 08:36	0° A	
desc. node	-3923 Aug 20 j 14:30	2° P 08'09			-3921 Dec 31 j 01:48	0° M	
	-3923 Sep 12 j 17:09	0° A			-3920 Jan 25 j 07:09	0° Z	
	-3923 Oct 08 j 03:55	0° M		desc. node	-3920 Feb 05 j 11:31	13° Z 22'59	
	-3923 Nov 03 j 23:32	0° Z			-3920 Feb 19 j 07:40	0° Z	
evening max el	-3923 Nov 11 j 10:50	7° Z 48'55	47°10'45		-3920 Mar 15 j 05:00	0° \approx	
	-3923 Dec 05 j 19:46	0° Z			-3920 Apr 08 j 23:05	0° H	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

	-3920 May 03 j 13:23	0° Υ		minimum elong	-3918 Nov 08 j 21:34	17° Ω 41'05	1°04'52
morning set	-3920 May 06 j 18:43	3° Υ 56'48		min. Earth dist.	-3918 Nov 08 j 07:12	18° Ω 03'13	0.26493 AU
	-3920 May 27 j 23:26	0° \mathcal{B}		asc. node	-3918 Nov 13 j 01:35	15° Ω 10'58	
asc. node	-3920 May 28 j 07:33	0° \mathcal{B} 25'02		morning rise	-3918 Nov 15 j 00:14	14° Ω 06'27	
max. Earth dist.	-3920 Jun 07 j 14:20	13° \mathcal{B} 07'08	1.72960 AU	direct	-3918 Nov 29 j 01:31	10° Ω 07'37	
				greatest brilliancy	-3918 Dec 10 j 07:07	12° Ω 31'00	-4.6m
superior conj	-3920 Jun 11 j 16:40	18° \mathcal{B} 11'31	0°32'57		-3917 Jan 04 j 22:37	0° \mathcal{M}	
minimum elong	-3920 Jun 11 j 10:34	17° \mathcal{B} 52'37	0°32'48	morning max el	-3917 Jan 17 j 22:04	12° \mathcal{M} 09'37	46°23'17
	-3920 Jun 21 j 05:11	0° Π			-3917 Feb 04 j 05:36	0° \mathcal{X}	
	-3920 Jul 15 j 07:26	0° \mathcal{E}			-3917 Mar 03 j 10:06	0° \mathcal{Z}	
evening rise	-3920 Jul 17 j 18:45	3° \mathcal{E} 05'07		desc. node	-3917 Mar 04 j 23:16	1° \mathcal{Z} 45'20	
	-3920 Aug 08 j 07:51	0° Ω			-3917 Mar 29 j 12:22	0° \approx	
	-3920 Sep 01 j 08:30	0° \mathcal{M}			-3917 Apr 24 j 00:05	0° \mathcal{X}	
desc. node	-3920 Sep 17 j 02:49	19° \mathcal{M} 37'41			-3917 May 19 j 01:08	0° Υ	
	-3920 Sep 25 j 11:19	0° Ω			-3917 Jun 12 j 16:58	0° \mathcal{B}	
	-3920 Oct 19 j 18:09	0° \mathcal{M}		asc. node	-3917 Jun 25 j 19:49	16° \mathcal{B} 08'03	
	-3920 Nov 13 j 08:05	0° \mathcal{X}			-3917 Jul 07 j 00:35	0° Π	
	-3920 Dec 08 j 12:03	0° \mathcal{Z}		morning set	-3917 Jul 14 j 11:00	9° Π 14'47	
	-3919 Jan 03 j 23:25	0° \approx			-3917 Jul 31 j 01:32	0° \mathcal{E}	
asc. node	-3919 Jan 07 j 22:46	4° \approx 16'48		max. Earth dist.	-3917 Aug 18 j 17:07	23° \mathcal{E} 26'10	1.71253 AU
evening max el	-3919 Jan 21 j 05:37	17° \approx 56'45	45°45'05				
	-3919 Feb 03 j 05:29	0° \mathcal{X}		superior conj	-3917 Aug 21 j 04:01	26° \mathcal{E} 31'33	1°23'59
greatest brilliancy	-3919 Feb 24 j 08:46	14° \mathcal{X} 46'10	-4.5m	minimum elong	-3917 Aug 21 j 04:25	26° \mathcal{E} 32'49	1°24'09
retrograde	-3919 Mar 11 j 06:50	18° \mathcal{X} 40'41			-3917 Aug 23 j 22:14	0° Ω	
evening set	-3919 Mar 27 j 20:21	13° \mathcal{X} 24'01			-3917 Sep 16 j 17:32	0° \mathcal{M}	
inferior conj	-3919 Apr 01 j 17:55	10° \mathcal{X} 23'26	5°46'51	evening rise	-3917 Sep 30 j 08:51	17° \mathcal{M} 10'03	
minimum elong	-3919 Apr 02 j 02:54	10° \mathcal{X} 09'16	5°45'00		-3917 Oct 10 j 13:53	0° Ω	
min. Earth dist.	-3919 Apr 02 j 07:47	10° \mathcal{X} 01'34	0.29309 AU	desc. node	-3917 Oct 15 j 15:06	6° Ω 20'17	
morning rise	-3919 Apr 07 j 09:19	6° \mathcal{X} 56'25			-3917 Nov 03 j 12:46	0° \mathcal{M}	
direct	-3919 Apr 23 j 12:39	1° \mathcal{X} 56'44			-3917 Nov 27 j 15:15	0° \mathcal{X}	
desc. node	-3919 Apr 29 j 19:43	2° \mathcal{X} 40'55			-3917 Dec 21 j 23:05	0° \mathcal{Z}	
greatest brilliancy	-3919 May 07 j 07:50	5° \mathcal{X} 15'20	-4.5m		-3916 Jan 15 j 16:04	0° \approx	
	-3919 Jun 09 j 12:16	0° Υ		asc. node	-3916 Feb 05 j 10:43	24° \approx 37'59	
morning max el	-3919 Jun 11 j 14:32	1° Υ 59'37	45°57'42		-3916 Feb 10 j 01:24	0° \mathcal{X}	
	-3919 Jul 08 j 13:38	0° \mathcal{B}			-3916 Mar 07 j 17:18	0° Υ	
	-3919 Aug 03 j 20:33	0° Π		evening max el	-3916 Apr 02 j 03:46	26° Υ 04'09	45°07'34
asc. node	-3919 Aug 20 j 17:32	20° Π 07'17			-3916 Apr 06 j 08:50	0° \mathcal{B}	
	-3919 Aug 28 j 20:43	0° \mathcal{E}		greatest brilliancy	-3916 May 07 j 09:19	22° \mathcal{B} 13'21	-4.5m
	-3919 Sep 22 j 04:03	0° Ω		retrograde	-3916 May 20 j 08:29	25° \mathcal{B} 08'11	
	-3919 Oct 16 j 03:16	0° \mathcal{M}		desc. node	-3916 May 27 j 07:23	24° \mathcal{B} 12'03	
	-3919 Nov 09 j 00:25	0° Ω		evening set	-3916 Jun 04 j 06:36	20° \mathcal{B} 56'25	
	-3919 Dec 02 j 23:08	0° \mathcal{M}		inferior conj	-3916 Jun 10 j 15:34	17° \mathcal{B} 12'47	-3°-17'-37
desc. node	-3919 Dec 10 j 13:34	9° \mathcal{M} 29'25		minimum elong	-3916 Jun 10 j 08:38	17° \mathcal{B} 23'25	3°15'37
morning set	-3919 Dec 14 j 01:57	13° \mathcal{M} 52'31		min. Earth dist.	-3916 Jun 11 j 02:05	16° \mathcal{B} 56'39	0.28332 AU
	-3919 Dec 27 j 00:46	0° \mathcal{X}		morning rise	-3916 Jun 16 j 10:01	13° \mathcal{B} 47'11	
	-3918 Jan 20 j 05:14	0° \mathcal{Z}		direct	-3916 Jul 02 j 05:10	9° \mathcal{B} 04'21	
				greatest brilliancy	-3916 Jul 16 j 18:53	12° \mathcal{B} 47'36	-4.6m
superior conj	-3918 Jan 24 j 01:21	4° \mathcal{Z} 44'58	-1°-19'-2		-3916 Aug 09 j 19:33	0° Π	
minimum elong	-3918 Jan 23 j 18:50	4° \mathcal{Z} 24'50	1°19'07	morning max el	-3916 Aug 21 j 04:37	10° Π 47'59	46°33'27
max. Earth dist.	-3918 Jan 27 j 03:21	8° \mathcal{Z} 33'46	1.72797 AU		-3916 Sep 08 j 09:21	0° \mathcal{E}	
	-3918 Feb 13 j 12:13	0° \approx		asc. node	-3916 Sep 17 j 05:05	9° \mathcal{E} 53'54	
evening rise	-3918 Mar 03 j 09:20	22° \approx 00'11			-3916 Oct 04 j 11:26	0° Ω	
	-3918 Mar 09 j 21:42	0° \mathcal{X}			-3916 Oct 29 j 08:01	0° \mathcal{M}	
asc. node	-3918 Apr 02 j 09:03	28° \mathcal{X} 43'30			-3916 Nov 22 j 17:38	0° Ω	
	-3918 Apr 03 j 10:08	0° Υ			-3916 Dec 17 j 00:54	0° \mathcal{M}	
	-3918 Apr 28 j 02:05	0° \mathcal{B}		desc. node	-3915 Jan 07 j 01:47	25° \mathcal{M} 55'37	
	-3918 May 22 j 22:31	0° Π			-3915 Jan 10 j 09:13	0° \mathcal{X}	
	-3918 Jun 17 j 01:28	0° \mathcal{E}			-3915 Feb 03 j 19:05	0° \mathcal{Z}	
	-3918 Jul 12 j 15:41	0° Ω		morning set	-3915 Feb 25 j 22:32	27° \mathcal{Z} 10'15	
desc. node	-3918 Jul 23 j 04:31	12° Ω 05'32			-3915 Feb 28 j 05:54	0° \approx	
	-3918 Aug 08 j 04:33	0° \mathcal{M}			-3915 Mar 24 j 16:56	0° \mathcal{X}	
evening max el	-3918 Aug 29 j 11:09	22° \mathcal{M} 27'13	47°26'13	max. Earth dist.	-3915 Apr 03 j 00:42	11° \mathcal{X} 26'12	1.73729 AU
	-3918 Sep 06 j 05:07	0° Ω					
greatest brilliancy	-3918 Oct 07 j 12:12	23° Ω 00'18	-4.7m	superior conj	-3915 Apr 03 j 18:24	12° \mathcal{X} 20'30	0°-55'-51
retrograde	-3918 Oct 19 j 05:45	25° Ω 35'35		minimum elong	-3915 Apr 04 j 02:55	12° \mathcal{X} 46'38	0°55'37
evening set	-3918 Nov 02 j 19:32	21° Ω 18'01			-3915 Apr 18 j 03:40	0° Υ	
inferior conj	-3918 Nov 08 j 19:08	17° Ω 44'51	-1°-5'-35	asc. node	-3915 Apr 29 j 21:23	14° Υ 24'59	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening rise	-3915 May 09 j 17:11	26° Υ 29'25		greatest brilliancy	-3913 Sep 26 j 14:33	24° Θ 28'02	-4.7m
	-3915 May 12 j 13:42	0° B			-3913 Oct 06 j 01:55	0° Ω	
	-3915 Jun 05 j 22:58	0° Π		asc. node	-3913 Oct 15 j 16:19	7° Ω 25'49	
	-3915 Jun 30 j 08:05	0° Θ		morning max el	-3913 Nov 03 j 00:18	24° Ω 46'26	46°52'18
	-3915 Jul 24 j 18:38	0° Ω			-3913 Nov 08 j 00:48	0° η	
	-3915 Aug 18 j 09:03	0° η			-3913 Dec 05 j 00:37	0° $\underline{\Omega}$	
desc. node	-3915 Aug 19 j 16:39	1° η 35'50			-3913 Dec 30 j 15:36	0° \mathcal{M}	
	-3915 Sep 12 j 06:57	0° $\underline{\Omega}$			-3912 Jan 24 j 19:45	0° Z	
	-3915 Oct 07 j 19:32	0° \mathcal{M}		desc. node	-3912 Feb 04 j 13:37	12° Z 52'33	
	-3915 Nov 03 j 19:32	0° Z			-3912 Feb 18 j 19:33	0° Θ	
evening max el	-3915 Nov 09 j 01:09	5° Z 26'35	47°13'00		-3912 Mar 14 j 16:24	0° \approx	
	-3915 Dec 06 j 14:51	0° Θ			-3912 Apr 08 j 10:08	0° K	
asc. node	-3915 Dec 10 j 13:18	2° Θ 36'39			-3912 May 03 j 00:13	0° Υ	
greatest brilliancy	-3915 Dec 15 j 17:46	5° Θ 31'04	-4.6m	morning set	-3912 May 04 j 13:45	1° Υ 54'55	
retrograde	-3915 Dec 29 j 23:52	9° Θ 16'56		asc. node	-3912 May 27 j 09:46	29° Υ 58'44	
evening set	-3914 Jan 15 j 20:43	3° Θ 38'44			-3912 May 27 j 10:11	0° B	
min. Earth dist.	-3914 Jan 19 j 06:59	1° Θ 29'51	0.28424 AU	max. Earth dist.	-3912 Jun 05 j 12:08	11° B 12'48	1.73010 AU
inferior conj	-3914 Jan 20 j 03:52	0° Θ 56'24	7°43'45				
minimum elong	-3914 Jan 19 j 21:10	1° Θ 07'07	7°42'50	superior conj	-3912 Jun 09 j 11:06	16° B 06'34	0°30'05
	-3914 Jan 21 j 15:10	30° R Z		minimum elong	-3912 Jun 09 j 05:28	15° B 49'08	0°29'56
morning rise	-3914 Jan 23 j 22:02	28° Z 34'32			-3912 Jun 20 j 15:59	0° Π	
direct	-3914 Feb 10 j 05:40	22° Z 46'51			-3912 Jul 14 j 18:23	0° Θ	
greatest brilliancy	-3914 Feb 21 j 04:04	24° Z 56'51	-4.5m	evening rise	-3912 Jul 15 j 11:42	0° Θ 53'59	
	-3914 Mar 03 j 03:46	0° Θ			-3912 Aug 07 j 19:02	0° Ω	
morning max el	-3914 Mar 30 j 23:39	22° Θ 38'55	45°51'42		-3912 Aug 31 j 19:58	0° η	
desc. node	-3914 Apr 01 j 10:34	24° Θ 02'31		desc. node	-3912 Sep 16 j 04:48	19° η 07'37	
	-3914 Apr 07 j 12:18	0° \approx			-3912 Sep 24 j 23:06	0° $\underline{\Omega}$	
	-3914 May 05 j 20:33	0° K			-3912 Oct 19 j 06:21	0° \mathcal{M}	
	-3914 Jun 01 j 06:52	0° Υ			-3912 Nov 12 j 20:56	0° Z	
	-3914 Jun 26 j 16:49	0° B			-3912 Dec 08 j 02:09	0° Θ	
	-3914 Jul 21 j 10:07	0° Π			-3911 Jan 03 j 16:33	0° \approx	
asc. node	-3914 Jul 23 j 07:48	2° Π 20'17		asc. node	-3911 Jan 07 j 00:55	3° \approx 35'01	
	-3914 Aug 14 j 15:22	0° Θ		evening max el	-3911 Jan 18 j 22:06	15° \approx 46'37	45°47'45
	-3914 Sep 07 j 12:57	0° Ω			-3911 Feb 03 j 10:54	0° K	
morning set	-3914 Sep 25 j 05:35	22° Ω 19'51		greatest brilliancy	-3911 Feb 22 j 01:22	12° K 39'15	-4.5m
	-3914 Oct 01 j 07:15	0° η		retrograde	-3911 Mar 09 j 00:24	16° K 34'30	
	-3914 Oct 25 j 01:46	0° $\underline{\Omega}$		evening set	-3911 Mar 25 j 15:52	11° K 13'55	
				inferior conj	-3911 Mar 30 j 10:59	8° K 16'30	5°59'58
superior conj	-3914 Nov 05 j 15:06	14° $\underline{\Omega}$ 32'47	0°15'10	minimum elong	-3911 Mar 30 j 19:57	8° K 02'20	5°58'11
minimum elong	-3914 Nov 05 j 19:13	14° $\underline{\Omega}$ 45'43	0°14'56	min. Earth dist.	-3911 Mar 30 j 23:44	7° K 56'21	0.29323 AU
behind sun begin	-3914 Nov 05 j 07:57	14° $\underline{\Omega}$ 10'16		morning rise	-3911 Apr 04 j 23:59	4° K 52'53	
behind sun end	-3914 Nov 06 j 06:30	15° $\underline{\Omega}$ 21'10			-3911 Apr 18 j 07:34	30° R \approx	
max. Earth dist.	-3914 Nov 10 j 01:26	20° $\underline{\Omega}$ 06'45	1.71147 AU	direct	-3911 Apr 21 j 06:06	29° \approx 49'47	
desc. node	-3914 Nov 12 j 03:28	22° $\underline{\Omega}$ 43'49			-3911 Apr 24 j 05:45	0° K	
	-3914 Nov 17 j 22:34	0° \mathcal{M}		desc. node	-3911 Apr 28 j 21:56	0° K 54'42	
	-3914 Dec 11 j 22:26	0° Z		greatest brilliancy	-3911 May 04 j 22:23	3° K 05'51	-4.5m
evening rise	-3914 Dec 17 j 22:24	7° Z 28'19			-3911 Jun 09 j 10:42	0° Υ	
	-3913 Jan 05 j 01:45	0° Θ		morning max el	-3911 Jun 09 j 07:42	29° K 52'47	45°56'44
	-3913 Jan 29 j 09:29	0° \approx			-3911 Jul 08 j 05:18	0° B	
	-3913 Feb 22 j 23:31	0° K			-3911 Aug 03 j 09:56	0° Π	
asc. node	-3913 Mar 04 j 22:51	12° K 03'00		asc. node	-3911 Aug 19 j 19:36	19° Π 35'25	
	-3913 Mar 19 j 22:42	0° Υ			-3911 Aug 28 j 09:04	0° Θ	
	-3913 Apr 14 j 11:15	0° B			-3911 Sep 21 j 15:53	0° Ω	
	-3913 May 10 j 21:18	0° Π			-3911 Oct 15 j 14:47	0° η	
	-3913 Jun 08 j 03:50	0° Θ			-3911 Nov 08 j 11:44	0° $\underline{\Omega}$	
evening max el	-3913 Jun 14 j 04:00	5° Θ 53'52	46°00'38		-3911 Dec 02 j 10:17	0° \mathcal{M}	
desc. node	-3913 Jun 24 j 19:00	15° Θ 41'34		desc. node	-3911 Dec 09 j 15:44	9° \mathcal{M} 01'32	
	-3913 Jul 13 j 19:07	0° Ω		morning set	-3911 Dec 11 j 12:18	11° \mathcal{M} 20'33	
greatest brilliancy	-3913 Jul 23 j 06:03	4° Ω 35'44	-4.6m		-3911 Dec 26 j 11:46	0° Z	
retrograde	-3913 Aug 02 j 16:05	6° Ω 34'16			-3910 Jan 19 j 16:06	0° Θ	
evening set	-3913 Aug 20 j 15:45	0° Ω 34'45					
	-3913 Aug 21 j 15:17	30° R Θ		superior conj	-3910 Jan 21 j 14:59	2° Θ 25'07	-1°-17'-49
inferior conj	-3913 Aug 23 j 11:48	28° Θ 53'10	-8°-56'-36	minimum elong	-3910 Jan 21 j 07:45	2° Θ 02'43	1°17'52
minimum elong	-3913 Aug 23 j 13:15	28° Θ 50'58	8°56'27	max. Earth dist.	-3910 Jan 24 j 21:58	6° Θ 29'27	1.72742 AU
min. Earth dist.	-3913 Aug 23 j 22:08	28° Θ 37'34	0.27066 AU		-3910 Feb 12 j 22:59	0° \approx	
morning rise	-3913 Aug 26 j 10:36	27° Θ 07'11		evening rise	-3910 Mar 01 j 02:04	19° \approx 51'04	
direct	-3913 Sep 13 j 04:02	21° Θ 08'37			-3910 Mar 09 j 08:29	0° K	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

asc. node	-3910 Apr 01 j 11:10	28° Υ 16'35			-3908 Nov 22 j 05:51	0° Ω	
	-3910 Apr 02 j 21:05	0° Υ			-3908 Dec 16 j 12:38	0° \mathbb{M}	
	-3910 Apr 27 j 13:24	0° \mathcal{B}		desc. node	-3907 Jan 06 j 03:47	25° \mathbb{M} 26'41	
	-3910 May 22 j 10:26	0° Π			-3907 Jan 09 j 20:35	0° \mathcal{A}	
	-3910 Jun 16 j 14:21	0° \mathfrak{S}			-3907 Feb 03 j 06:10	0° \mathfrak{S}	
	-3910 Jul 12 j 06:13	0° Ω		morning set	-3907 Feb 23 j 14:30	24° \mathfrak{S} 58'36	
desc. node	-3910 Jul 22 j 06:37	11° Ω 27'16			-3907 Feb 27 j 16:46	0° \approx	
	-3910 Aug 07 j 22:24	0° \mathfrak{M}			-3907 Mar 24 j 03:40	0° \mathcal{H}	
evening max el	-3910 Aug 27 j 01:46	20° \mathfrak{M} 05'14	47°24'23	max. Earth dist.	-3907 Mar 31 j 20:13	9° \mathcal{H} 26'02	1.73721 AU
	-3910 Sep 06 j 09:02	0° Ω					
greatest brilliancy	-3910 Oct 05 j 03:45	20° Ω 34'17	-4.7m	superior conj	-3907 Apr 01 j 12:52	10° \mathcal{H} 17'06	0°-58'-7
retrograde	-3910 Oct 16 j 18:39	23° Ω 06'00		minimum elong	-3907 Apr 01 j 21:28	10° \mathcal{H} 43'30	0°57'53
evening set	-3910 Oct 31 j 09:40	18° Ω 47'30			-3907 Apr 17 j 14:22	0° Υ	
inferior conj	-3910 Nov 06 j 07:40	15° Ω 16'25	-1°-29'-38	asc. node	-3907 Apr 28 j 23:38	13° Υ 59'03	
minimum elong	-3910 Nov 06 j 10:59	15° Ω 11'18	1°28'37	evening rise	-3907 May 07 j 12:44	24° Υ 28'59	
min. Earth dist.	-3910 Nov 05 j 20:59	15° Ω 32'53	0.26463 AU		-3907 May 12 j 00:28	0° \mathcal{B}	
asc. node	-3910 Nov 12 j 03:53	11° Ω 49'57			-3907 Jun 05 j 09:57	0° Π	
morning rise	-3910 Nov 12 j 12:56	11° Ω 37'53			-3907 Jun 29 j 19:27	0° \mathfrak{S}	
direct	-3910 Nov 26 j 14:12	7° Ω 40'04			-3907 Jul 24 j 06:32	0° Ω	
greatest brilliancy	-3910 Dec 07 j 20:18	10° Ω 03'56	-4.6m		-3907 Aug 17 j 21:42	0° \mathfrak{M}	
	-3909 Jan 05 j 04:21	0° \mathbb{M}		desc. node	-3907 Aug 18 j 18:39	1° \mathfrak{M} 03'27	
morning max el	-3909 Jan 15 j 11:16	9° \mathbb{M} 46'44	46°24'39		-3907 Sep 11 j 20:42	0° Ω	
	-3909 Feb 03 j 23:31	0° \mathcal{A}			-3907 Oct 07 j 11:14	0° \mathbb{M}	
	-3909 Mar 03 j 00:26	0° \mathfrak{S}			-3907 Nov 03 j 15:59	0° \mathcal{A}	
desc. node	-3909 Mar 04 j 01:17	1° \mathfrak{S} 10'37		evening max el	-3907 Nov 06 j 15:22	3° \mathcal{A} 04'26	47°15'22
	-3909 Mar 29 j 01:01	0° \approx			-3907 Dec 07 j 16:42	0° \mathfrak{S}	
	-3909 Apr 23 j 11:49	0° \mathcal{H}		asc. node	-3907 Dec 09 j 15:23	1° \mathfrak{S} 11'27	
	-3909 May 18 j 12:21	0° Υ		greatest brilliancy	-3907 Dec 13 j 10:54	3° \mathfrak{S} 15'47	-4.6m
	-3909 Jun 12 j 03:56	0° \mathcal{B}		retrograde	-3907 Dec 27 j 15:55	7° \mathfrak{S} 01'09	
asc. node	-3909 Jun 24 j 21:55	15° \mathcal{B} 40'58		evening set	-3906 Jan 13 j 09:46	1° \mathfrak{S} 27'14	
	-3909 Jul 06 j 11:26	0° Π			-3906 Jan 15 j 18:10	30° \mathcal{R} \mathcal{A}	
morning set	-3909 Jul 12 j 03:27	7° Π 02'51		min. Earth dist.	-3906 Jan 16 j 22:06	29° \mathcal{A} 15'36	0.28356 AU
	-3909 Jul 30 j 12:22	0° \mathfrak{S}		inferior conj	-3906 Jan 17 j 19:39	28° \mathcal{A} 41'07	7°36'03
max. Earth dist.	-3909 Aug 15 j 23:53	20° \mathfrak{S} 42'15	1.71302 AU	minimum elong	-3906 Jan 17 j 12:28	28° \mathcal{A} 52'38	7°34'58
				morning rise	-3906 Jan 21 j 15:33	26° \mathcal{A} 16'48	
superior conj	-3909 Aug 18 j 18:08	24° \mathfrak{S} 10'41	1°23'58	direct	-3906 Feb 07 j 19:59	20° \mathcal{A} 32'28	
minimum elong	-3909 Aug 18 j 17:42	24° \mathfrak{S} 09'17	1°24'08	greatest brilliancy	-3906 Feb 18 j 18:46	22° \mathcal{A} 42'44	-4.5m
	-3909 Aug 23 j 09:07	0° Ω			-3906 Mar 04 j 04:56	0° \mathfrak{S}	
	-3909 Sep 16 j 04:32	0° \mathfrak{M}		morning max el	-3906 Mar 28 j 14:53	20° \mathfrak{S} 26'40	45°52'24
evening rise	-3909 Sep 27 j 18:26	14° \mathfrak{M} 34'26		desc. node	-3906 Mar 31 j 12:45	23° \mathfrak{S} 14'49	
	-3909 Oct 10 j 01:01	0° Ω			-3906 Apr 07 j 08:06	0° \approx	
desc. node	-3909 Oct 14 j 17:15	5° Ω 52'06			-3906 May 05 j 11:26	0° \mathcal{H}	
	-3909 Nov 03 j 00:04	0° \mathbb{M}			-3906 May 31 j 19:48	0° Υ	
	-3909 Nov 27 j 02:44	0° \mathcal{A}			-3906 Jun 26 j 04:47	0° \mathcal{B}	
	-3909 Dec 21 j 10:51	0° \mathfrak{S}			-3906 Jul 20 j 21:34	0° Π	
	-3908 Jan 15 j 04:22	0° \approx		asc. node	-3906 Jul 22 j 09:53	1° Π 51'34	
asc. node	-3908 Feb 04 j 12:48	24° \approx 05'37			-3906 Aug 14 j 02:35	0° \mathfrak{S}	
	-3908 Feb 09 j 14:51	0° \mathcal{H}			-3906 Sep 07 j 00:06	0° Ω	
	-3908 Mar 07 j 09:27	0° Υ		morning set	-3906 Sep 22 j 17:05	19° Ω 49'21	
evening max el	-3908 Mar 30 j 18:18	23° Υ 51'08	45°07'20		-3906 Sep 30 j 18:24	0° \mathfrak{M}	
	-3908 Apr 06 j 09:59	0° \mathcal{B}			-3906 Oct 24 j 12:55	0° Ω	
greatest brilliancy	-3908 May 04 j 22:12	19° \mathcal{B} 59'47	-4.5m				
retrograde	-3908 May 17 j 22:59	22° \mathcal{B} 57'04		superior conj	-3906 Nov 02 j 23:42	11° Ω 53'51	0°19'08
desc. node	-3908 May 26 j 09:33	21° \mathcal{B} 34'23		minimum elong	-3906 Nov 03 j 04:51	12° Ω 10'03	0°18'51
evening set	-3908 Jun 01 j 20:54	18° \mathcal{B} 45'53		max. Earth dist.	-3906 Nov 07 j 05:10	17° Ω 12'46	1.71111 AU
inferior conj	-3908 Jun 08 j 06:54	15° \mathcal{B} 01'03	-2°-58'-18	desc. node	-3906 Nov 11 j 05:38	22° Ω 15'40	
minimum elong	-3908 Jun 08 j 00:34	15° \mathcal{B} 10'45	2°56'26		-3906 Nov 17 j 09:41	0° \mathbb{M}	
min. Earth dist.	-3908 Jun 08 j 18:16	14° \mathcal{B} 43'34	0.28375 AU		-3906 Dec 11 j 09:33	0° \mathcal{A}	
morning rise	-3908 Jun 14 j 03:28	11° \mathcal{B} 32'08		evening rise	-3906 Dec 15 j 08:48	4° \mathcal{A} 56'41	
direct	-3908 Jun 29 j 20:21	6° \mathcal{B} 51'31			-3905 Jan 04 j 12:54	0° \mathfrak{S}	
greatest brilliancy	-3908 Jul 14 j 11:32	10° \mathcal{B} 35'26	-4.6m		-3905 Jan 28 j 20:46	0° \approx	
	-3908 Aug 09 j 22:44	0° Π			-3905 Feb 22 j 11:06	0° \mathcal{H}	
morning max el	-3908 Aug 18 j 18:36	8° Π 27'59	46°32'13	asc. node	-3905 Mar 04 j 01:00	11° \mathcal{H} 34'05	
	-3908 Sep 08 j 02:32	0° \mathfrak{S}			-3905 Mar 19 j 10:52	0° Υ	
asc. node	-3908 Sep 16 j 07:11	9° \mathfrak{S} 14'22			-3905 Apr 14 j 00:34	0° \mathcal{B}	
	-3908 Oct 04 j 01:41	0° Ω			-3905 May 10 j 12:58	0° Π	
	-3908 Oct 28 j 20:57	0° \mathfrak{M}			-3905 Jun 08 j 01:34	0° \mathfrak{S}	

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Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

evening max el	-3905 Jun 11 j 17:59	3° \mathfrak{G} 35'16	45°57'48			-3903 Dec 01 j 21:38	0° \mathfrak{M}	
desc. node	-3905 Jun 23 j 21:03	14° \mathfrak{G} 40'02		morning set		-3903 Dec 08 j 22:33	8° \mathfrak{M} 47'32	
	-3905 Jul 15 j 16:35	0° \mathfrak{Q}		desc. node		-3903 Dec 08 j 17:44	8° \mathfrak{M} 32'32	
greatest brilliancy	-3905 Jul 20 j 15:38	2° \mathfrak{Q} 08'39	-4.6m			-3903 Dec 25 j 23:01	0° \mathfrak{X}	
retrograde	-3905 Jul 31 j 04:55	4° \mathfrak{Q} 09'33						
	-3905 Aug 14 j 21:29	30° \mathfrak{R} \mathfrak{G}		superior conj		-3902 Jan 19 j 04:08	0° \mathfrak{Z} 02'46	-1°-16'-25
evening set	-3905 Aug 18 j 03:38	28° \mathfrak{G} 10'35		minimum elong		-3902 Jan 18 j 20:14	29° \mathfrak{X} 38'17	1°16'27
inferior conj	-3905 Aug 21 j 00:24	26° \mathfrak{G} 27'54	-8°-57'-9			-3902 Jan 19 j 03:15	0° \mathfrak{Z}	
minimum elong	-3905 Aug 21 j 00:54	26° \mathfrak{G} 27'08	8°57'00	max. Earth dist.		-3902 Jan 22 j 16:08	4° \mathfrak{Z} 22'41	1.72688 AU
min. Earth dist.	-3905 Aug 21 j 10:08	26° \mathfrak{G} 13'13	0.27114 AU			-3902 Feb 12 j 10:03	0° \approx	
morning rise	-3905 Aug 23 j 22:04	24° \mathfrak{G} 43'41		evening rise		-3902 Feb 26 j 18:10	17° \approx 39'01	
direct	-3905 Sep 10 j 18:00	18° \mathfrak{G} 42'39				-3902 Mar 08 j 19:35	0° \mathfrak{K}	
greatest brilliancy	-3905 Sep 24 j 04:56	22° \mathfrak{G} 03'06	-4.7m	asc. node		-3902 Mar 31 j 13:22	27° \mathfrak{K} 48'59	
	-3905 Oct 07 j 00:33	0° \mathfrak{Q}				-3902 Apr 02 j 08:21	0° \mathfrak{Y}	
asc. node	-3905 Oct 14 j 18:38	6° \mathfrak{Q} 17'58				-3902 Apr 27 j 01:03	0° \mathfrak{X}	
morning max el	-3905 Oct 31 j 14:57	22° \mathfrak{Q} 22'42	46°52'22			-3902 May 21 j 22:44	0° \mathfrak{I}	
	-3905 Nov 07 j 21:33	0° \mathfrak{M}				-3902 Jun 16 j 03:40	0° \mathfrak{G}	
	-3905 Dec 04 j 16:31	0° \mathfrak{A}				-3902 Jul 11 j 21:17	0° \mathfrak{Q}	
	-3905 Dec 30 j 05:26	0° \mathfrak{M}		desc. node		-3902 Jul 21 j 08:43	10° \mathfrak{Q} 47'41	
	-3904 Jan 24 j 08:26	0° \mathfrak{X}				-3902 Aug 07 j 17:01	0° \mathfrak{M}	
desc. node	-3904 Feb 03 j 15:42	12° \mathfrak{X} 21'45		evening max el		-3902 Aug 24 j 15:39	17° \mathfrak{M} 40'42	47°22'33
	-3904 Feb 18 j 07:29	0° \mathfrak{Z}				-3902 Sep 06 j 15:07	0° \mathfrak{A}	
	-3904 Mar 14 j 03:51	0° \approx		greatest brilliancy		-3902 Oct 02 j 19:58	18° \mathfrak{A} 08'35	-4.7m
	-3904 Apr 07 j 21:16	0° \mathfrak{K}		retrograde		-3902 Oct 14 j 07:07	20° \mathfrak{A} 36'08	
morning set	-3904 May 02 j 08:43	29° \mathfrak{K} 52'31		evening set		-3902 Oct 29 j 00:02	16° \mathfrak{A} 16'25	
	-3904 May 02 j 11:10	0° \mathfrak{Y}		inferior conj		-3902 Nov 03 j 20:19	12° \mathfrak{A} 47'51	-1°-53'-26
asc. node	-3904 May 26 j 11:52	29° \mathfrak{Y} 31'40		minimum elong		-3902 Nov 04 j 00:30	12° \mathfrak{A} 41'25	1°52'09
	-3904 May 26 j 21:03	0° \mathfrak{X}		min. Earth dist.		-3902 Nov 03 j 11:10	13° \mathfrak{A} 01'58	0.26435 AU
max. Earth dist.	-3904 Jun 03 j 08:08	9° \mathfrak{X} 12'37	1.73056 AU	morning rise		-3902 Nov 10 j 01:27	9° \mathfrak{A} 09'19	
				asc. node		-3902 Nov 11 j 05:54	8° \mathfrak{A} 32'46	
superior conj	-3904 Jun 07 j 05:38	14° \mathfrak{X} 01'41	0°27'10	direct		-3902 Nov 24 j 02:23	5° \mathfrak{A} 12'11	
minimum elong	-3904 Jun 07 j 00:30	13° \mathfrak{X} 45'46	0°27'01	greatest brilliancy		-3902 Dec 05 j 10:11	7° \mathfrak{A} 37'14	-4.6m
	-3904 Jun 20 j 02:54	0° \mathfrak{I}				-3901 Jan 05 j 08:25	0° \mathfrak{M}	
evening rise	-3904 Jul 13 j 04:53	28° \mathfrak{I} 43'27		morning max el		-3901 Jan 12 j 23:53	7° \mathfrak{M} 21'28	46°25'54
	-3904 Jul 14 j 05:26	0° \mathfrak{G}				-3901 Feb 03 j 17:20	0° \mathfrak{X}	
	-3904 Aug 07 j 06:18	0° \mathfrak{Q}				-3901 Mar 02 j 14:58	0° \mathfrak{Z}	
	-3904 Aug 31 j 07:30	0° \mathfrak{M}		desc. node		-3901 Mar 03 j 03:29	0° \mathfrak{Z} 35'41	
desc. node	-3904 Sep 15 j 07:00	18° \mathfrak{M} 37'59				-3901 Mar 28 j 13:58	0° \approx	
	-3904 Sep 24 j 10:59	0° \mathfrak{A}				-3901 Apr 22 j 23:52	0° \mathfrak{K}	
	-3904 Oct 18 j 18:44	0° \mathfrak{M}				-3901 May 17 j 23:54	0° \mathfrak{Y}	
	-3904 Nov 12 j 10:03	0° \mathfrak{X}				-3901 Jun 11 j 15:12	0° \mathfrak{X}	
	-3904 Dec 07 j 16:40	0° \mathfrak{Z}		asc. node		-3901 Jun 23 j 23:56	15° \mathfrak{X} 12'42	
	-3903 Jan 03 j 10:24	0° \approx				-3901 Jul 05 j 22:36	0° \mathfrak{I}	
asc. node	-3903 Jan 06 j 03:01	2° \approx 51'39		morning set		-3901 Jul 09 j 19:45	4° \mathfrak{I} 49'30	
evening max el	-3903 Jan 16 j 14:30	13° \approx 35'07	45°50'29			-3901 Jul 29 j 23:32	0° \mathfrak{G}	
	-3903 Feb 03 j 19:07	0° \mathfrak{K}		max. Earth dist.		-3901 Aug 13 j 08:32	18° \mathfrak{G} 03'15	1.71354 AU
greatest brilliancy	-3903 Feb 19 j 18:55	10° \mathfrak{K} 32'22	-4.5m					
retrograde	-3903 Mar 06 j 17:29	14° \mathfrak{K} 26'54		superior conj		-3901 Aug 16 j 08:17	21° \mathfrak{G} 48'54	1°23'49
evening set	-3903 Mar 23 j 11:17	9° \mathfrak{K} 02'39		minimum elong		-3901 Aug 16 j 06:59	21° \mathfrak{G} 44'50	1°23'57
inferior conj	-3903 Mar 28 j 03:54	6° \mathfrak{K} 08'22	6°12'40			-3901 Aug 22 j 20:21	0° \mathfrak{Q}	
minimum elong	-3903 Mar 28 j 12:49	5° \mathfrak{K} 54'16	6°10'57			-3901 Sep 15 j 15:52	0° \mathfrak{M}	
min. Earth dist.	-3903 Mar 28 j 15:41	5° \mathfrak{K} 49'42	0.29331 AU	evening rise		-3901 Sep 25 j 04:17	11° \mathfrak{M} 58'39	
morning rise	-3903 Apr 02 j 14:21	2° \mathfrak{K} 48'07				-3901 Oct 09 j 12:28	0° \mathfrak{A}	
	-3903 Apr 08 j 03:49	30° \mathfrak{R} \approx		desc. node		-3901 Oct 13 j 19:23	5° \mathfrak{A} 22'50	
direct	-3903 Apr 18 j 23:19	27° \approx 41'47				-3901 Nov 02 j 11:38	0° \mathfrak{M}	
desc. node	-3903 Apr 28 j 00:08	29° \approx 11'05				-3901 Nov 26 j 14:27	0° \mathfrak{X}	
	-3903 Apr 30 j 07:48	0° \mathfrak{K}				-3901 Dec 20 j 22:51	0° \mathfrak{Z}	
greatest brilliancy	-3903 May 02 j 11:39	0° \mathfrak{K} 53'46	-4.5m			-3900 Jan 14 j 16:58	0° \approx	
morning max el	-3903 Jun 07 j 00:04	27° \mathfrak{K} 43'16	45°55'48	asc. node		-3900 Feb 03 j 14:55	23° \approx 32'23	
	-3903 Jun 09 j 08:37	0° \mathfrak{Y}				-3900 Feb 09 j 04:43	0° \mathfrak{K}	
	-3903 Jul 07 j 20:59	0° \mathfrak{X}				-3900 Mar 07 j 02:18	0° \mathfrak{Y}	
	-3903 Aug 02 j 23:27	0° \mathfrak{I}		evening max el		-3900 Mar 28 j 08:48	21° \mathfrak{Y} 37'02	45°07'12
asc. node	-3903 Aug 18 j 21:44	19° \mathfrak{I} 03'14				-3900 Apr 06 j 13:07	0° \mathfrak{X}	
	-3903 Aug 27 j 21:34	0° \mathfrak{G}		greatest brilliancy		-3900 May 02 j 10:16	17° \mathfrak{X} 44'08	-4.5m
	-3903 Sep 21 j 03:50	0° \mathfrak{Q}		retrograde		-3900 May 15 j 13:54	20° \mathfrak{X} 45'03	
	-3903 Oct 15 j 02:25	0° \mathfrak{M}		desc. node		-3900 May 25 j 11:34	18° \mathfrak{X} 51'07	
	-3903 Nov 07 j 23:11	0° \mathfrak{A}		evening set		-3900 May 30 j 11:24	16° \mathfrak{X} 33'56	

Attention, astronomical year style is used: The year -4400 in astronomical counting style is the year 4401 BCE in historical counting style.

inferior conj	-3900 Jun 05 j 22:13	12°♄48'12	-2°-38'-40
minimum elong	-3900 Jun 05 j 16:31	12°♄56'56	2°36'58
min. Earth dist.	-3900 Jun 06 j 10:16	12°♄29'42	0.28420 AU
morning rise	-3900 Jun 11 j 20:50	9°♄16'24	
direct	-3900 Jun 27 j 11:40	4°♄37'32	
greatest brilliancy	-3900 Jul 12 j 04:52	8°♄23'18	-4.6m
	-3900 Aug 10 j 00:51	0°♄	
morning max el	-3900 Aug 16 j 09:26	6°♄09'20	46°30'57
	-3900 Sep 07 j 19:43	0°♄	
asc. node	-3900 Sep 15 j 09:26	8°♄34'40	
	-3900 Oct 03 j 16:08	0°♄	
	-3900 Oct 28 j 10:08	0°♄	
	-3900 Nov 21 j 18:19	0°♄	
	-3900 Dec 16 j 00:36	0°♄	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3899 Mar 30 j 07:20	8° H 12'55	-1°00'-17	minimum elong	-3897 Aug 18 j 12:37	24° E 03'03	8°56'26
minimum elong	-3899 Mar 30 j 15:58	8° H 39'25	1°00'05	min. Earth dist.	-3897 Aug 18 j 22:14	23° E 48'33	0.27161 AU
	-3899 Apr 17 j 01:21	0° Y		morning rise	-3897 Aug 21 j 10:08	22° E 18'59	
asc. node	-3899 Apr 28 j 01:39	13° Y 31'28		direct	-3897 Sep 08 j 08:05	16° E 16'40	
evening rise	-3899 May 05 j 08:14	22° Y 27'31		greatest brilliancy	-3897 Sep 21 j 18:37	19° E 36'54	-4.7m
	-3899 May 11 j 11:34	0° B			-3897 Oct 07 j 17:34	0° Q	
	-3899 Jun 04 j 21:16	0° II		asc. node	-3897 Oct 13 j 20:41	5° Q 10'56	
	-3899 Jun 29 j 07:08	0° E		morning max el	-3897 Oct 29 j 04:52	19° Q 56'43	46°52'21
	-3899 Jul 23 j 18:47	0° Q			-3897 Nov 07 j 17:47	0° M	
	-3899 Aug 17 j 10:44	0° M			-3897 Dec 04 j 08:17	0° L	
desc. node	-3899 Aug 17 j 20:50	0° M 30'35			-3897 Dec 29 j 19:15	0° L	
	-3899 Sep 11 j 10:53	0° L			-3896 Jan 23 j 21:09	0° J	
	-3899 Oct 07 j 03:31	0° L		desc. node	-3896 Feb 02 j 17:50	11° J 50'59	
	-3899 Nov 03 j 13:28	0° J			-3896 Feb 17 j 19:29	0° Z	
evening max el	-3899 Nov 04 j 06:46	0° J 44'23	47°17'45		-3896 Mar 13 j 15:19	0° \approx	
asc. node	-3899 Dec 08 j 17:31	29° J 42'47			-3896 Apr 07 j 08:23	0° H	
	-3899 Dec 09 j 06:02	0° Z		morning set	-3896 Apr 30 j 04:01	27° H 51'18	
greatest brilliancy	-3899 Dec 11 j 03:33	0° Z 59'03	-4.6m		-3896 May 01 j 22:04	0° Y	
retrograde	-3899 Dec 25 j 08:28	4° Z 44'42		asc. node	-3896 May 25 j 13:55	29° Y 04'32	
	-3898 Jan 09 j 16:08	30° R J			-3896 May 26 j 07:55	0° B	
evening set	-3898 Jan 10 j 22:46	29° J 15'07		max. Earth dist.	-3896 Jun 01 j 03:36	7° B 10'57	1.73106 AU
min. Earth dist.	-3898 Jan 14 j 12:57	27° J 01'06	0.28281 AU				
inferior conj	-3898 Jan 15 j 11:27	26° J 25'11	7°27'32	superior conj	-3896 Jun 05 j 00:29	11° B 57'54	0°24'14
minimum elong	-3898 Jan 15 j 03:48	26° J 37'24	7°26'21	minimum elong	-3896 Jun 04 j 19:51	11° B 43'35	0°24'07
morning rise	-3898 Jan 19 j 09:16	23° J 58'20			-3896 Jun 19 j 13:50	0° II	
direct	-3898 Feb 05 j 10:41	18° J 17'35		evening rise	-3896 Jul 10 j 22:18	26° II 33'32	
greatest brilliancy	-3898 Feb 16 j 08:47	20° J 27'35	-4.5m		-3896 Jul 13 j 16:33	0° E	
	-3898 Mar 04 j 23:35	0° Z			-3896 Aug 06 j 17:38	0° Q	
morning max el	-3898 Mar 26 j 06:58	18° Z 16'10	45°53'04		-3896 Aug 30 j 19:07	0° M	
desc. node	-3898 Mar 30 j 14:56	22° Z 27'37		desc. node	-3896 Sep 14 j 09:06	18° M 07'40	
	-3898 Apr 07 j 03:28	0° \approx			-3896 Sep 23 j 22:58	0° L	
	-3898 May 05 j 02:19	0° H			-3896 Oct 18 j 07:12	0° L	
	-3898 May 31 j 08:51	0° Y			-3896 Nov 11 j 23:18	0° J	
	-3898 Jun 25 j 16:56	0° B			-3896 Dec 07 j 07:21	0° Z	
	-3898 Jul 20 j 09:14	0° II			-3895 Jan 03 j 04:39	0° \approx	
asc. node	-3898 Jul 21 j 12:05	1° II 22'29		asc. node	-3895 Jan 05 j 05:12	2° \approx 07'57	
	-3898 Aug 13 j 14:01	0° E		evening max el	-3895 Jan 14 j 06:24	11° \approx 22'13	45°53'16
	-3898 Sep 06 j 11:27	0° Q			-3895 Feb 04 j 06:12	0° H	
morning set	-3898 Sep 20 j 04:41	17° Q 18'40		greatest brilliancy	-3895 Feb 17 j 13:01	8° H 26'18	-4.5m
	-3898 Sep 30 j 05:44	0° M		retrograde	-3895 Mar 04 j 10:20	12° H 19'48	
	-3898 Oct 24 j 00:15	0° L		evening set	-3895 Mar 21 j 06:51	6° H 52'03	
				inferior conj	-3895 Mar 25 j 21:02	4° H 01'01	6°24'44
superior conj	-3898 Oct 31 j 08:16	9° L 14'08	0°23'03	minimum elong	-3895 Mar 26 j 05:49	3° H 47'04	6°23'07
minimum elong	-3898 Oct 31 j 14:24	9° L 33'24	0°22'44	min. Earth dist.	-3895 Mar 26 j 08:06	3° H 43'25	0.29333 AU
max. Earth dist.	-3898 Nov 04 j 11:36	14° L 26'28	1.71078 AU	morning rise	-3895 Mar 31 j 04:48	0° H 44'08	
desc. node	-3898 Nov 10 j 07:35	21° L 46'12			-3895 Apr 01 j 12:04	30° R \approx	
	-3898 Nov 16 j 21:02	0° L		direct	-3895 Apr 16 j 16:14	25° \approx 34'39	
	-3898 Dec 10 j 20:53	0° J		desc. node	-3895 Apr 27 j 02:05	27° \approx 31'34	
evening rise	-3898 Dec 12 j 19:08	2° J 24'07		greatest brilliancy	-3895 Apr 30 j 00:55	28° \approx 42'21	-4.5m
	-3897 Jan 04 j 00:16	0° Z			-3895 May 02 j 18:22	0° H	
	-3897 Jan 28 j 08:13	0° \approx		morning max el	-3895 Jun 04 j 15:38	25° H 32'27	45°54'58
	-3897 Feb 21 j 22:48	0° H			-3895 Jun 09 j 05:29	0° Y	
asc. node	-3897 Mar 03 j 03:13	11° H 04'58			-3895 Jul 07 j 12:15	0° B	
	-3897 Mar 18 j 23:10	0° Y			-3895 Aug 02 j 12:43	0° II	
	-3897 Apr 13 j 14:05	0° B		asc. node	-3895 Aug 17 j 23:55	18° II 31'39	
	-3897 May 10 j 05:01	0° II			-3895 Aug 27 j 09:56	0° E	
	-3897 Jun 08 j 00:21	0° E			-3895 Sep 20 j 15:43	0° Q	
evening max el	-3897 Jun 09 j 08:42	1° E 18'02	45°54'47		-3895 Oct 14 j 14:02	0° M	
desc. node	-3897 Jun 22 j 23:11	13° E 36'39			-3895 Nov 07 j 10:38	0° L	
greatest brilliancy	-3897 Jul 18 j 01:50	29° E 41'57	-4.6m		-3895 Dec 01 j 08:56	0° L	
	-3897 Jul 18 j 22:18	0° Q		morning set	-3895 Dec 06 j 08:26	6° L 13'26	
retrograde	-3897 Jul 28 j 17:32	1° Q 44'22		desc. node	-3895 Dec 07 j 19:52	8° L 04'05	
	-3897 Aug 07 j 02:23	30° R E			-3895 Dec 25 j 10:10	0° J	
evening set	-3897 Aug 15 j 15:00	25° E 47'07					
inferior conj	-3897 Aug 18 j 13:03	24° E 02'23	-8°-56'-34	superior conj	-3894 Jan 16 j 16:59	27° J 39'44	-1°-14'-54

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3894 Jan 16 j 08:28	27° ♁ 13'20	1°14'54			-3892 Aug 10 j 01:09	0° ♁	
	-3894 Jan 18 j 14:17	0° ♁		morning max el		-3892 Aug 14 j 01:09	3° ♁ 54'24	46°29'48
max. Earth dist.	-3894 Jan 20 j 09:32	2° ♁ 13'52	1.72631 AU			-3892 Sep 07 j 12:08	0° ♁	
	-3894 Feb 11 j 21:02	0° ♁		asc. node		-3892 Sep 14 j 11:29	7° ♁ 56'06	
evening rise	-3894 Feb 24 j 10:07	15° ♁ 26'42				-3892 Oct 03 j 06:01	0° ♁	
	-3894 Mar 08 j 06:34	0° ♁				-3892 Oct 27 j 22:53	0° ♁	
asc. node	-3894 Mar 30 j 15:24	27° ♁ 21'11				-3892 Nov 21 j 06:26	0° ♁	
	-3894 Apr 01 j 19:30	0° ♁				-3892 Dec 15 j 12:18	0° ♁	
	-3894 Apr 26 j 12:33	0° ♁		desc. node		-3891 Jan 04 j 08:05	24° ♁ 28'54	
	-3894 May 21 j 10:50	0° ♁				-3891 Jan 08 j 19:31	0° ♁	
	-3894 Jun 15 j 16:48	0° ♁				-3891 Feb 02 j 04:32	0° ♁	
	-3894 Jul 11 j 12:15	0° ♁		morning set		-3891 Feb 18 j 21:51	20° ♁ 32'30	
desc. node	-3894 Jul 20 j 10:53	10° ♁ 08'39				-3891 Feb 26 j 14:44	0° ♁	
	-3894 Aug 07 j 11:54	0° ♁				-3891 Mar 23 j 01:25	0° ♁	
evening max el	-3894 Aug 22 j 04:20	15° ♁ 13'34	47°20'18	max. Earth dist.		-3891 Mar 27 j 14:25	5° ♁ 34'25	1.73708 AU
	-3894 Sep 06 j 23:25	0° ♁						
greatest brilliancy	-3894 Sep 30 j 12:00	15° ♁ 42'06	-4.7m	superior conj		-3891 Mar 28 j 01:16	6° ♁ 07'44	-1°-2'-24
retrograde	-3894 Oct 11 j 18:58	18° ♁ 05'36		minimum elong		-3891 Mar 28 j 09:55	6° ♁ 34'16	1°02'13
evening set	-3894 Oct 26 j 14:16	13° ♁ 44'03				-3891 Apr 16 j 12:05	0° ♁	
inferior conj	-3894 Nov 01 j 08:41	10° ♁ 18'34	-2°-17'-11	asc. node		-3891 Apr 27 j 03:44	13° ♁ 04'48	
minimum elong	-3894 Nov 01 j 13:42	10° ♁ 10'50	2°15'39	evening rise		-3891 May 03 j 03:31	20° ♁ 26'12	
min. Earth dist.	-3894 Nov 01 j 01:24	10° ♁ 29'47	0.26416 AU			-3891 May 10 j 22:24	0° ♁	
morning rise	-3894 Nov 07 j 13:28	6° ♁ 40'19				-3891 Jun 04 j 08:20	0° ♁	
asc. node	-3894 Nov 10 j 08:02	5° ♁ 18'33				-3891 Jun 28 j 18:34	0° ♁	
direct	-3894 Nov 21 j 14:00	2° ♁ 43'07				-3891 Jul 23 j 06:44	0° ♁	
greatest brilliancy	-3894 Dec 03 j 01:00	5° ♁ 10'56	-4.6m	desc. node		-3891 Aug 16 j 22:57	29° ♁ 58'33	
	-3893 Jan 05 j 10:55	0° ♁				-3891 Aug 16 j 23:26	0° ♁	
morning max el	-3893 Jan 10 j 12:20	4° ♁ 55'31	46°27'20			-3891 Sep 11 j 00:45	0° ♁	
	-3893 Feb 03 j 10:39	0° ♁				-3891 Oct 06 j 19:34	0° ♁	
desc. node	-3893 Mar 02 j 05:36	0° ♁ 01'15		evening max el		-3891 Nov 01 j 22:53	28° ♁ 27'16	47°19'46
	-3893 Mar 02 j 05:10	0° ♁				-3891 Nov 03 j 11:18	0° ♁	
	-3893 Mar 28 j 02:38	0° ♁		asc. node		-3891 Dec 07 j 19:43	28° ♁ 11'43	
	-3893 Apr 22 j 11:40	0° ♁		greatest brilliancy		-3891 Dec 08 j 20:05	28° ♁ 42'34	-4.6m
	-3893 May 17 j 11:11	0° ♁				-3891 Dec 11 j 16:28	0° ♁	
	-3893 Jun 11 j 02:12	0° ♁		retrograde		-3891 Dec 23 j 01:00	2° ♁ 27'56	
asc. node	-3893 Jun 23 j 02:11	14° ♁ 45'59				-3890 Jan 02 j 21:13	30° ♁	
	-3893 Jul 05 j 09:28	0° ♁		evening set		-3890 Jan 08 j 11:26	27° ♁ 02'52	
morning set	-3893 Jul 07 j 12:41	2° ♁ 39'07		min. Earth dist.		-3890 Jan 12 j 03:22	24° ♁ 46'27	0.28211 AU
	-3893 Jul 29 j 10:22	0° ♁		inferior conj		-3890 Jan 13 j 02:59	24° ♁ 08'51	7°18'11
max. Earth dist.	-3893 Aug 10 j 21:33	15° ♁ 39'00	1.71409 AU	minimum elong		-3890 Jan 12 j 18:55	24° ♁ 21'42	7°16'51
				morning rise		-3890 Jan 17 j 02:53	21° ♁ 39'14	
superior conj	-3893 Aug 13 j 23:03	19° ♁ 30'08	1°23'29	direct		-3890 Feb 03 j 01:43	16° ♁ 02'24	
minimum elong	-3893 Aug 13 j 20:57	19° ♁ 23'29	1°23'38	greatest brilliancy		-3890 Feb 13 j 22:03	18° ♁ 11'28	-4.5m
	-3893 Aug 22 j 07:16	0° ♁				-3890 Mar 05 j 13:26	0° ♁	
	-3893 Sep 15 j 02:56	0° ♁		morning max el		-3890 Mar 23 j 23:14	16° ♁ 06'24	45°53'42
evening rise	-3893 Sep 22 j 14:39	9° ♁ 25'23		desc. node		-3890 Mar 29 j 16:56	21° ♁ 41'07	
	-3893 Oct 08 j 23:42	0° ♁				-3890 Apr 06 j 22:10	0° ♁	
desc. node	-3893 Oct 12 j 21:22	4° ♁ 53'47				-3890 May 04 j 16:48	0° ♁	
	-3893 Nov 01 j 23:01	0° ♁				-3890 May 30 j 21:35	0° ♁	
	-3893 Nov 26 j 02:02	0° ♁				-3890 Jun 25 j 04:46	0° ♁	
	-3893 Dec 20 j 10:44	0° ♁				-3890 Jul 19 j 20:37	0° ♁	
	-3892 Jan 14 j 05:29	0° ♁		asc. node		-3890 Jul 20 j 14:09	0° ♁ 53'57	
asc. node	-3892 Feb 02 j 17:07	22° ♁ 59'41		greatest brilliancy		-3890 Aug 05 j 03:44	20° ♁ 09'32	-3.9m
	-3892 Feb 08 j 18:32	0° ♁				-3890 Aug 13 j 01:10	0° ♁	
	-3892 Mar 06 j 19:15	0° ♁				-3890 Sep 05 j 22:30	0° ♁	
evening max el	-3892 Mar 25 j 23:46	19° ♁ 24'48	45°07'18	morning set		-3890 Sep 17 j 16:48	14° ♁ 50'39	
	-3892 Apr 06 j 17:39	0° ♁				-3890 Sep 29 j 16:44	0° ♁	
greatest brilliancy	-3892 Apr 29 j 22:03	15° ♁ 29'13	-4.5m			-3890 Oct 23 j 11:13	0° ♁	
retrograde	-3892 May 13 j 05:25	18° ♁ 34'11						
desc. node	-3892 May 24 j 13:45	16° ♁ 04'33		superior conj		-3890 Oct 28 j 17:25	6° ♁ 37'19	0°26'52
evening set	-3892 May 28 j 02:11	14° ♁ 22'58		minimum elong		-3890 Oct 29 j 00:27	6° ♁ 59'26	0°26'32
inferior conj	-3892 Jun 03 j 13:35	10° ♁ 36'24	-2°-18'-53	max. Earth dist.		-3890 Nov 01 j 21:33	11° ♁ 52'21	1.71044 AU
minimum elong	-3892 Jun 03 j 08:33	10° ♁ 44'07	2°17'22	desc. node		-3890 Nov 09 j 09:47	21° ♁ 18'40	
min. Earth dist.	-3892 Jun 04 j 02:00	10° ♁ 17'22	0.28460 AU			-3890 Nov 16 j 07:59	0° ♁	
morning rise	-3892 Jun 09 j 14:08	7° ♁ 02'07		evening rise		-3890 Dec 10 j 05:37	29° ♁ 53'00	
direct	-3892 Jun 25 j 03:31	2° ♁ 24'47				-3890 Dec 10 j 07:52	0° ♁	
greatest brilliancy	-3892 Jul 09 j 22:05	6° ♁ 12'28	-4.5m			-3889 Jan 03 j 11:19	0° ♁	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3889 Jan 27 j 19:25	0°♊		asc. node	-3887 Aug 17 j 02:01	18°♊00'04	
	-3889 Feb 21 j 10:19	0°♋			-3887 Aug 26 j 22:11	0°♌	
asc. node	-3889 Mar 02 j 05:12	10°♋35'42			-3887 Sep 20 j 03:30	0°♍	
	-3889 Mar 18 j 11:20	0°♌			-3887 Oct 14 j 01:33	0°♎	
	-3889 Apr 13 j 03:32	0°♍			-3887 Nov 06 j 21:58	0°♏	
	-3889 May 09 j 21:10	0°♎			-3887 Nov 30 j 20:09	0°♐	
evening max el	-3889 Jun 06 j 22:51	29°♎00'04	45°51'51	morning set	-3887 Dec 03 j 18:22	3°♐39'36	
	-3889 Jun 07 j 23:56	0°♏		desc. node	-3887 Dec 06 j 22:02	7°♐35'59	
desc. node	-3889 Jun 22 j 01:22	12°♏32'19			-3887 Dec 24 j 21:15	0°♑	
greatest brilliancy	-3889 Jul 15 j 12:54	27°♏16'58	-4.6m				
retrograde	-3889 Jul 26 j 05:36	29°♏19'49		superior conj	-3886 Jan 14 j 05:59	25°♑17'27	-1°-13'-14
evening set	-3889 Aug 13 j 01:53	23°♏25'15		minimum elong	-3886 Jan 13 j 20:54	24°♑49'17	1°13'12
inferior conj	-3889 Aug 16 j 01:41	21°♏37'44	-8°-55'-5	max. Earth dist.	-3886 Jan 18 j 01:34	0°♒01'05	1.72569 AU
minimum elong	-3889 Aug 16 j 00:17	21°♏39'51	8°54'55		-3886 Jan 18 j 01:13	0°♒	
min. Earth dist.	-3889 Aug 16 j 10:33	21°♏24'18	0.27203 AU		-3886 Feb 11 j 07:53	0°♓	
morning rise	-3889 Aug 18 j 22:35	19°♏54'22		evening rise	-3886 Feb 22 j 02:12	13°♓15'08	
direct	-3889 Sep 05 j 21:41	13°♏51'28			-3886 Mar 07 j 17:29	0°♋	
greatest brilliancy	-3889 Sep 19 j 08:15	17°♏11'15	-4.7m	asc. node	-3886 Mar 29 j 17:32	26°♋53'55	
	-3889 Oct 08 j 06:00	0°♍			-3886 Apr 01 j 06:37	0°♌	
asc. node	-3889 Oct 12 j 22:47	4°♍06'30			-3886 Apr 26 j 00:05	0°♍	
morning max el	-3889 Oct 26 j 17:46	17°♍28'59	46°52'30		-3886 May 20 j 23:03	0°♎	
	-3889 Nov 07 j 13:06	0°♎			-3886 Jun 15 j 06:08	0°♏	
	-3889 Dec 03 j 23:28	0°♏			-3886 Jul 11 j 03:32	0°♍	
	-3889 Dec 29 j 08:37	0°♐		desc. node	-3886 Jul 19 j 12:57	9°♍28'44	
	-3888 Jan 23 j 09:29	0°♑			-3886 Aug 07 j 07:24	0°♎	
desc. node	-3888 Feb 01 j 19:56	11°♑21'06		evening max el	-3886 Aug 19 j 16:29	12°♎45'05	47°18'10
	-3888 Feb 17 j 07:10	0°♒			-3886 Sep 07 j 10:39	0°♏	
	-3888 Mar 13 j 02:34	0°♓		greatest brilliancy	-3886 Sep 28 j 03:10	13°♏14'31	-4.7m
	-3888 Apr 06 j 19:19	0°♋		retrograde	-3886 Oct 09 j 06:53	15°♏35'14	
morning set	-3888 Apr 27 j 22:56	25°♋49'20		evening set	-3886 Oct 24 j 04:36	11°♏11'07	
	-3888 May 01 j 08:50	0°♌		inferior conj	-3886 Oct 29 j 21:01	7°♏49'06	-2°-40'-43
asc. node	-3888 May 24 j 16:09	28°♌38'21		minimum elong	-3886 Oct 30 j 02:50	7°♏40'09	2°38'57
	-3888 May 25 j 18:38	0°♍		min. Earth dist.	-3886 Oct 29 j 15:27	7°♏57'39	0.26400 AU
max. Earth dist.	-3888 May 29 j 21:48	5°♍05'50	1.73154 AU	morning rise	-3886 Nov 05 j 01:16	4°♏11'42	
				asc. node	-3886 Nov 09 j 10:20	2°♏09'04	
superior conj	-3888 Jun 02 j 19:03	9°♍53'45	0°21'15	direct	-3886 Nov 19 j 01:44	0°♏13'39	
minimum elong	-3888 Jun 02 j 14:57	9°♍41'07	0°21'10	greatest brilliancy	-3886 Nov 30 j 16:16	2°♏45'04	-4.7m
	-3888 Jun 19 j 00:37	0°♎			-3885 Jan 05 j 12:03	0°♐	
evening rise	-3888 Jul 08 j 15:36	24°♎23'51		morning max el	-3885 Jan 08 j 01:37	2°♐31'25	46°28'52
	-3888 Jul 13 j 03:31	0°♏			-3885 Feb 03 j 03:38	0°♑	
	-3888 Aug 06 j 04:51	0°♍		desc. node	-3885 Mar 01 j 07:38	29°♑26'49	
	-3888 Aug 30 j 06:37	0°♎			-3885 Mar 01 j 19:13	0°♒	
desc. node	-3888 Sep 13 j 11:06	17°♎37'32			-3885 Mar 27 j 15:13	0°♓	
	-3888 Sep 23 j 10:49	0°♏			-3885 Apr 21 j 23:27	0°♋	
	-3888 Oct 17 j 19:33	0°♐			-3885 May 16 j 22:31	0°♌	
	-3888 Nov 11 j 12:23	0°♑			-3885 Jun 10 j 13:18	0°♍	
	-3888 Dec 06 j 21:54	0°♒		asc. node	-3885 Jun 22 j 04:16	14°♒18'23	
	-3887 Jan 02 j 23:01	0°♓			-3885 Jul 04 j 20:29	0°♎	
asc. node	-3887 Jan 04 j 07:20	1°♓24'29		morning set	-3885 Jul 05 j 05:33	0°♎28'08	
evening max el	-3887 Jan 11 j 21:18	9°♓07'29	45°56'01		-3885 Jul 28 j 21:24	0°♏	
	-3887 Feb 04 j 20:42	0°♋		max. Earth dist.	-3885 Aug 08 j 10:40	13°♏14'35	1.71462 AU
greatest brilliancy	-3887 Feb 15 j 06:16	6°♋19'39	-4.5m				
retrograde	-3887 Mar 02 j 02:51	10°♋13'24		superior conj	-3885 Aug 11 j 13:39	17°♏10'15	1°23'02
evening set	-3887 Mar 19 j 02:22	4°♋41'54		minimum elong	-3885 Aug 11 j 10:46	17°♏01'11	1°23'10
inferior conj	-3887 Mar 23 j 14:11	1°♋54'10	6°36'12		-3885 Aug 21 j 18:23	0°♍	
minimum elong	-3887 Mar 23 j 22:48	1°♋40'29	6°34'42		-3885 Sep 14 j 14:10	0°♎	
min. Earth dist.	-3887 Mar 24 j 00:44	1°♋37'23	0.29339 AU	evening rise	-3885 Sep 20 j 00:55	6°♎51'19	
	-3887 Mar 26 j 14:36	30°♒			-3885 Oct 08 j 11:05	0°♏	
morning rise	-3887 Mar 28 j 19:13	28°♒40'48		desc. node	-3885 Oct 11 j 23:33	4°♏24'51	
direct	-3887 Apr 14 j 08:49	23°♒27'44			-3885 Nov 01 j 10:34	0°♐	
desc. node	-3887 Apr 26 j 04:20	25°♒55'56			-3885 Nov 25 j 13:46	0°♑	
greatest brilliancy	-3887 Apr 27 j 15:30	26°♒32'37	-4.5m		-3885 Dec 19 j 22:48	0°♒	
	-3887 May 04 j 07:31	0°♋			-3884 Jan 13 j 18:11	0°♓	
morning max el	-3887 Jun 02 j 06:54	23°♋20'54	45°54'09	asc. node	-3884 Feb 01 j 19:10	22°♓26'07	
	-3887 Jun 09 j 01:42	0°♌			-3884 Feb 08 j 08:35	0°♋	
	-3887 Jul 07 j 03:20	0°♍			-3884 Mar 06 j 12:38	0°♌	
	-3887 Aug 02 j 01:53	0°♎		evening max el	-3884 Mar 23 j 15:38	17°♌14'44	45°07'33

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3884 Apr 07 j 00:14	0°♄			-3882 Sep 29 j 04:06	0°♍		
greatest brilliancy	-3884 Apr 27 j 10:18	13°♄15'08	-4.5m		-3882 Oct 22 j 22:37	0°♎		
retrograde	-3884 May 10 j 21:19	16°♄23'32						
desc. node	-3884 May 23 j 15:54	13°♄14'29		superior conj	-3882 Oct 26 j 02:16	3°♎58'12	0°30'39	
evening set	-3884 May 25 j 17:23	12°♄12'10		minimum elong	-3882 Oct 26 j 10:08	4°♎22'58	0°30'18	
inferior conj	-3884 Jun 01 j 05:07	8°♄24'45	-1°-59'-8	max. Earth dist.	-3882 Oct 30 j 04:38	9°♎07'46	1.71013 AU	
minimum elong	-3884 Jun 01 j 00:46	8°♄31'25	1°57'48	desc. node	-3882 Nov 08 j 11:55	20°♎49'33		
min. Earth dist.	-3884 Jun 01 j 17:33	8°♄05'40	0.28506 AU		-3882 Nov 15 j 19:23	0°♏		
morning rise	-3884 Jun 07 j 07:28	4°♄48'07		evening rise	-3882 Dec 07 j 15:25	27°♏18'21		
direct	-3884 Jun 22 j 20:01	0°♄12'18			-3882 Dec 09 j 19:16	0°♐		
greatest brilliancy	-3884 Jul 07 j 14:56	4°♄01'00	-4.5m		-3881 Jan 02 j 22:46	0°♑		
	-3884 Aug 10 j 00:42	0°♒			-3881 Jan 27 j 06:59	0°♒		
morning max el	-3884 Aug 11 j 17:20	1°♒40'02	46°28'22		-3881 Feb 20 j 22:13	0°♓		
	-3884 Sep 07 j 04:36	0°♓		asc. node	-3881 Mar 01 j 07:23	10°♓05'56		
asc. node	-3884 Sep 13 j 13:38	7°♓17'08			-3881 Mar 17 j 23:54	0°♔		
	-3884 Oct 02 j 20:08	0°♑			-3881 Apr 12 j 17:26	0°♕		
	-3884 Oct 27 j 11:53	0°♒			-3881 May 09 j 13:54	0°♒		
	-3884 Nov 20 j 18:48	0°♓		evening max el	-3881 Jun 04 j 12:27	26°♒40'20	45°49'02	
	-3884 Dec 15 j 00:12	0°♏			-3881 Jun 08 j 00:50	0°♓		
desc. node	-3883 Jan 03 j 10:06	23°♏59'19		desc. node	-3881 Jun 21 j 03:26	11°♓25'50		
	-3883 Jan 08 j 07:05	0°♐		greatest brilliancy	-3881 Jul 13 j 00:54	24°♓53'17	-4.6m	
	-3883 Feb 01 j 15:50	0°♑		retrograde	-3881 Jul 23 j 17:35	26°♓56'07		
morning set	-3883 Feb 16 j 13:14	18°♑18'01		evening set	-3881 Aug 10 j 12:41	21°♓04'53		
	-3883 Feb 26 j 01:50	0°♒		inferior conj	-3881 Aug 13 j 14:44	19°♓13'56	-8°-52'-37	
	-3883 Mar 22 j 12:23	0°♓		minimum elong	-3881 Aug 13 j 12:24	19°♓17'29	8°52'24	
				min. Earth dist.	-3881 Aug 13 j 23:35	19°♓00'32	0.27249 AU	
superior conj	-3883 Mar 25 j 19:24	4°♓02'29	-1°-4'-26	morning rise	-3881 Aug 16 j 11:59	17°♓29'52		
minimum elong	-3883 Mar 26 j 04:01	4°♓28'54	1°04'16	direct	-3881 Sep 03 j 11:14	11°♓26'54		
max. Earth dist.	-3883 Mar 25 j 13:24	3°♓44'04	1.73695 AU	greatest brilliancy	-3881 Sep 16 j 23:02	14°♓47'10	-4.7m	
	-3883 Apr 15 j 23:02	0°♔			-3881 Oct 08 j 15:28	0°♑		
asc. node	-3883 Apr 26 j 05:59	12°♔38'00		asc. node	-3881 Oct 12 j 01:06	3°♑03'36		
evening rise	-3883 Apr 30 j 23:05	18°♔25'12		morning max el	-3881 Oct 24 j 06:00	14°♑58'32	46°52'20	
	-3883 May 10 j 09:26	0°♕			-3881 Nov 07 j 08:16	0°♒		
	-3883 Jun 03 j 19:37	0°♒			-3881 Dec 03 j 14:55	0°♓		
	-3883 Jun 28 j 06:16	0°♓			-3881 Dec 28 j 22:20	0°♏		
	-3883 Jul 22 j 19:03	0°♑			-3880 Jan 22 j 22:12	0°♐		
desc. node	-3883 Aug 16 j 00:57	29°♑24'58		desc. node	-3880 Jan 31 j 22:02	10°♐49'59		
	-3883 Aug 16 j 12:35	0°♒			-3880 Feb 16 j 19:12	0°♑		
	-3883 Sep 10 j 15:11	0°♓			-3880 Mar 12 j 14:07	0°♒		
	-3883 Oct 06 j 12:22	0°♏			-3880 Apr 06 j 06:33	0°♓		
evening max el	-3883 Oct 30 j 15:30	26°♏10'05	47°21'50	morning set	-3880 Apr 25 j 17:57	23°♓46'41		
	-3883 Nov 03 j 10:30	0°♐			-3880 Apr 30 j 19:54	0°♔		
greatest brilliancy	-3883 Dec 06 j 13:40	26°♐26'13	-4.6m	asc. node	-3880 May 23 j 18:13	28°♔10'45		
asc. node	-3883 Dec 06 j 21:49	26°♐36'07			-3880 May 25 j 05:39	0°♕		
	-3883 Dec 17 j 21:59	0°♑		max. Earth dist.	-3880 May 27 j 16:56	3°♕02'50	1.73200 AU	
retrograde	-3883 Dec 20 j 17:32	0°♑09'43						
	-3883 Dec 23 j 12:07	30°♒♐		superior conj	-3880 May 31 j 13:59	7°♕49'58	0°18'17	
evening set	-3882 Jan 06 j 00:09	24°♐49'28		minimum elong	-3880 May 31 j 10:26	7°♕39'01	0°18'12	
min. Earth dist.	-3882 Jan 09 j 17:47	22°♐30'33	0.28133 AU		-3880 Jun 18 j 11:42	0°♒		
inferior conj	-3882 Jan 10 j 18:28	21°♐51'17	7°08'12	evening rise	-3880 Jul 06 j 09:29	22°♒15'21		
minimum elong	-3882 Jan 10 j 10:03	22°♐04'40	7°06'42		-3880 Jul 12 j 14:44	0°♓		
morning rise	-3882 Jan 14 j 20:32	19°♐18'40			-3880 Aug 05 j 16:16	0°♑		
direct	-3882 Jan 31 j 16:58	13°♐46'17			-3880 Aug 29 j 18:20	0°♒		
greatest brilliancy	-3882 Feb 11 j 10:35	15°♐53'25	-4.5m	desc. node	-3880 Sep 12 j 13:20	17°♒07'23		
	-3882 Mar 06 j 00:10	0°♑			-3880 Sep 22 j 22:56	0°♓		
morning max el	-3882 Mar 21 j 15:00	13°♑54'38	45°54'22		-3880 Oct 17 j 08:13	0°♏		
desc. node	-3882 Mar 28 j 19:10	20°♑55'11			-3880 Nov 11 j 01:54	0°♐		
	-3882 Apr 06 j 16:40	0°♒			-3880 Dec 06 j 13:04	0°♑		
	-3882 May 04 j 07:23	0°♓			-3879 Jan 02 j 18:25	0°♒		
	-3882 May 30 j 10:29	0°♔		asc. node	-3879 Jan 03 j 09:27	0°♒38'56		
	-3882 Jun 24 j 16:48	0°♕		evening max el	-3879 Jan 09 j 11:29	6°♒49'23	45°58'54	
	-3882 Jul 19 j 08:12	0°♒			-3879 Feb 05 j 17:12	0°♓		
asc. node	-3882 Jul 19 j 16:16	0°♒24'48		greatest brilliancy	-3879 Feb 12 j 22:49	4°♓10'32	-4.5m	
greatest brilliancy	-3882 Aug 09 j 05:07	25°♒51'59	-3.9m	retrograde	-3879 Feb 27 j 19:36	8°♓05'44		
	-3882 Aug 12 j 12:34	0°♓		evening set	-3879 Mar 16 j 21:46	2°♓30'17		
	-3882 Sep 05 j 09:52	0°♑			-3879 Mar 20 j 22:31	30°♒♒		
morning set	-3882 Sep 15 j 04:53	12°♑21'29		inferior conj	-3879 Mar 21 j 07:18	29°♒46'02	6°47'13	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3879 Mar 21 j 15:41	29° \approx 32'41	6°45'48		-3877 Aug 21 j 05:30	0° Ω	
min. Earth dist.	-3879 Mar 21 j 17:19	29° \approx 30'05	0.29341 AU		-3877 Sep 14 j 01:25	0° \mathfrak{M}	
morning rise	-3879 Mar 26 j 09:33	26° \approx 36'30		evening rise	-3877 Sep 17 j 11:31	4° \mathfrak{M} 18'16	
direct	-3879 Apr 12 j 01:02	21° \approx 19'31			-3877 Oct 07 j 22:27	0° $\underline{\Omega}$	
desc. node	-3879 Apr 25 j 06:30	24° \approx 22'32		desc. node	-3877 Oct 11 j 01:41	3° $\underline{\Omega}$ 55'49	
greatest brilliancy	-3879 Apr 25 j 06:50	24° \approx 22'54	-4.5m		-3877 Oct 31 j 22:03	0° \mathfrak{M}	
	-3879 May 05 j 10:12	0° \mathfrak{H}			-3877 Nov 25 j 01:26	0° \mathfrak{Z}	
morning max el	-3879 May 30 j 22:30	21° \mathfrak{H} 09'25	45°53'30		-3877 Dec 19 j 10:49	0° $\underline{\Omega}$	
	-3879 Jun 08 j 21:35	0° \mathfrak{Y}			-3876 Jan 13 j 06:53	0° \approx	
	-3879 Jul 06 j 18:26	0° \mathfrak{B}		asc. node	-3876 Jan 31 j 21:20	21° \approx 52'46	
	-3879 Aug 01 j 15:09	0° \mathfrak{H}			-3876 Feb 07 j 22:46	0° \mathfrak{H}	
asc. node	-3879 Aug 16 j 04:08	17° \mathfrak{H} 28'11			-3876 Mar 06 j 06:27	0° \mathfrak{Y}	
	-3879 Aug 26 j 10:33	0° $\underline{\Omega}$		evening max el	-3876 Mar 21 j 08:04	15° \mathfrak{Y} 05'49	45°07'45
	-3879 Sep 19 j 15:23	0° Ω			-3876 Apr 07 j 09:31	0° \mathfrak{B}	
	-3879 Oct 13 j 13:10	0° \mathfrak{M}		greatest brilliancy	-3876 Apr 24 j 23:56	11° \mathfrak{B} 02'30	-4.5m
	-3879 Nov 06 j 09:27	0° $\underline{\Omega}$		retrograde	-3876 May 08 j 13:04	14° \mathfrak{B} 12'29	
	-3879 Nov 30 j 07:31	0° \mathfrak{M}		desc. node	-3876 May 22 j 17:55	10° \mathfrak{B} 20'38	
morning set	-3879 Dec 01 j 04:18	1° \mathfrak{M} 05'02		evening set	-3876 May 23 j 08:46	10° \mathfrak{B} 01'11	
desc. node	-3879 Dec 06 j 00:01	7° \mathfrak{M} 06'48		inferior conj	-3876 May 29 j 20:36	6° \mathfrak{B} 13'00	-1°-39'-10
	-3879 Dec 24 j 08:31	0° \mathfrak{Z}		minimum elong	-3876 May 29 j 16:58	6° \mathfrak{B} 18'35	1°38'02
				min. Earth dist.	-3876 May 30 j 09:03	5° \mathfrak{B} 53'53	0.28545 AU
superior conj	-3878 Jan 11 j 18:34	22° \mathfrak{Z} 52'59	-1°-11'-25	morning rise	-3876 Jun 05 j 00:34	2° \mathfrak{B} 34'04	
minimum elong	-3878 Jan 11 j 08:57	22° \mathfrak{Z} 23'10	1°11'21		-3876 Jun 10 j 10:33	30° \mathfrak{R} \mathfrak{Y}	
max. Earth dist.	-3878 Jan 15 j 14:32	27° \mathfrak{Z} 37'59	1.72512 AU	direct	-3876 Jun 20 j 12:32	28° \mathfrak{Y} 00'00	
	-3878 Jan 17 j 12:24	0° $\underline{\Omega}$			-3876 Jul 01 j 00:31	0° \mathfrak{B}	
	-3878 Feb 10 j 19:01	0° \approx		greatest brilliancy	-3876 Jul 05 j 06:26	1° \mathfrak{B} 47'57	-4.5m
evening rise	-3878 Feb 19 j 17:46	11° \approx 01'08		morning max el	-3876 Aug 09 j 09:01	29° \mathfrak{B} 24'55	46°26'56
	-3878 Mar 07 j 04:39	0° \mathfrak{H}			-3876 Aug 09 j 23:10	0° \mathfrak{H}	
asc. node	-3878 Mar 28 j 19:44	26° \mathfrak{H} 26'06			-3876 Sep 06 j 20:40	0° $\underline{\Omega}$	
	-3878 Mar 31 j 17:58	0° \mathfrak{Y}		asc. node	-3876 Sep 12 j 15:53	6° $\underline{\Omega}$ 39'18	
	-3878 Apr 25 j 11:50	0° \mathfrak{B}			-3876 Oct 02 j 09:58	0° Ω	
	-3878 May 20 j 11:28	0° \mathfrak{H}			-3876 Oct 27 j 00:40	0° \mathfrak{M}	
	-3878 Jun 14 j 19:42	0° $\underline{\Omega}$			-3876 Nov 20 j 06:56	0° $\underline{\Omega}$	
	-3878 Jul 10 j 19:10	0° Ω			-3876 Dec 14 j 11:53	0° \mathfrak{M}	
desc. node	-3878 Jul 18 j 15:04	8° Ω 48'14		desc. node	-3875 Jan 02 j 12:13	23° \mathfrak{M} 30'41	
	-3878 Aug 07 j 03:31	0° \mathfrak{M}			-3875 Jan 07 j 18:25	0° \mathfrak{Z}	
evening max el	-3878 Aug 17 j 05:13	10° \mathfrak{M} 18'14	47°16'07		-3875 Feb 01 j 02:54	0° $\underline{\Omega}$	
	-3878 Sep 08 j 01:27	0° $\underline{\Omega}$		morning set	-3875 Feb 14 j 04:40	16° $\underline{\Omega}$ 04'18	
greatest brilliancy	-3878 Sep 25 j 17:26	10° $\underline{\Omega}$ 46'22	-4.7m		-3875 Feb 25 j 12:44	0° \approx	
retrograde	-3878 Oct 06 j 19:27	13° $\underline{\Omega}$ 05'40			-3875 Mar 21 j 23:12	0° \mathfrak{H}	
evening set	-3878 Oct 21 j 19:16	8° $\underline{\Omega}$ 38'31					
inferior conj	-3878 Oct 27 j 09:29	5° $\underline{\Omega}$ 20'06	-3°-3'-51	superior conj	-3875 Mar 23 j 13:27	1° \mathfrak{H} 57'23	-1°-6'-23
minimum elong	-3878 Oct 27 j 16:05	5° $\underline{\Omega}$ 10'00	3°01'52	minimum elong	-3875 Mar 23 j 21:57	2° \mathfrak{H} 23'27	1°06'14
min. Earth dist.	-3878 Oct 27 j 05:13	5° $\underline{\Omega}$ 26'39	0.26389 AU	max. Earth dist.	-3875 Mar 23 j 12:45	1° \mathfrak{H} 55'14	1.73683 AU
morning rise	-3878 Nov 02 j 13:02	1° $\underline{\Omega}$ 44'12			-3875 Apr 15 j 09:50	0° \mathfrak{Y}	
	-3878 Nov 06 j 03:42	30° \mathfrak{R} \mathfrak{M}		asc. node	-3875 Apr 25 j 08:01	12° \mathfrak{Y} 10'55	
asc. node	-3878 Nov 08 j 12:20	29° \mathfrak{M} 06'15		evening rise	-3875 Apr 28 j 18:24	16° \mathfrak{Y} 23'48	
direct	-3878 Nov 16 j 14:02	27° \mathfrak{M} 44'43			-3875 May 09 j 20:21	0° \mathfrak{B}	
	-3878 Nov 27 j 12:05	0° $\underline{\Omega}$			-3875 Jun 03 j 06:47	0° \mathfrak{H}	
greatest brilliancy	-3878 Nov 28 j 07:03	0° $\underline{\Omega}$ 19'11	-4.7m		-3875 Jun 27 j 17:51	0° $\underline{\Omega}$	
	-3877 Jan 05 j 11:59	0° \mathfrak{M}			-3875 Jul 22 j 07:13	0° Ω	
morning max el	-3877 Jan 05 j 15:51	0° \mathfrak{M} 09'37	46°30'10	desc. node	-3875 Aug 15 j 03:10	28° Ω 52'32	
	-3877 Feb 02 j 20:20	0° \mathfrak{Z}			-3875 Aug 16 j 01:35	0° \mathfrak{M}	
desc. node	-3877 Feb 28 j 09:50	28° \mathfrak{Z} 52'44			-3875 Sep 10 j 05:30	0° $\underline{\Omega}$	
	-3877 Mar 01 j 09:15	0° $\underline{\Omega}$			-3875 Oct 06 j 05:14	0° \mathfrak{M}	
	-3877 Mar 27 j 03:53	0° \approx		evening max el	-3875 Oct 28 j 07:56	23° \mathfrak{M} 52'58	47°23'41
	-3877 Apr 21 j 11:20	0° \mathfrak{H}			-3875 Nov 03 j 10:27	0° \mathfrak{Z}	
	-3877 May 16 j 09:55	0° \mathfrak{Y}		greatest brilliancy	-3875 Dec 04 j 08:15	24° \mathfrak{Z} 11'40	-4.6m
	-3877 Jun 10 j 00:27	0° \mathfrak{B}		asc. node	-3875 Dec 05 j 23:58	24° \mathfrak{Z} 57'50	
asc. node	-3877 Jun 21 j 06:19	13° \mathfrak{B} 50'36		retrograde	-3875 Dec 18 j 09:41	27° \mathfrak{Z} 51'44	
morning set	-3877 Jul 02 j 22:28	28° \mathfrak{B} 17'28		evening set	-3874 Jan 03 j 12:49	22° \mathfrak{Z} 36'43	
	-3877 Jul 04 j 07:30	0° \mathfrak{H}		min. Earth dist.	-3874 Jan 07 j 08:26	20° \mathfrak{Z} 14'47	0.28053 AU
	-3877 Jul 28 j 08:26	0° $\underline{\Omega}$		inferior conj	-3874 Jan 08 j 09:52	19° \mathfrak{Z} 34'16	6°57'19
max. Earth dist.	-3877 Aug 05 j 23:13	10° $\underline{\Omega}$ 48'30	1.71515 AU	minimum elong	-3874 Jan 08 j 01:10	19° \mathfrak{Z} 48'07	6°55'42
				morning rise	-3874 Jan 12 j 14:11	16° \mathfrak{Z} 58'21	
superior conj	-3877 Aug 09 j 04:28	14° $\underline{\Omega}$ 51'04	1°22'26	direct	-3874 Jan 29 j 08:00	11° \mathfrak{Z} 30'53	
minimum elong	-3877 Aug 09 j 00:50	14° $\underline{\Omega}$ 39'42	1°22'33	greatest brilliancy	-3874 Feb 08 j 23:03	13° \mathfrak{Z} 35'52	-4.5m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3874 Mar 06 j 07:39	0°☾				-3872 Aug 29 j 05:49	0°☿		
morning max el	-3874 Mar 19 j 05:42	11°☾41'02	45°55'02	desc. node		-3872 Sep 11 j 15:24	16°☿37'30		
desc. node	-3874 Mar 27 j 21:18	20°☾10'39				-3872 Sep 22 j 10:50	0°♊		
	-3874 Apr 06 j 10:24	0°♋				-3872 Oct 16 j 20:38	0°♌		
	-3874 May 03 j 21:32	0°♍				-3872 Nov 10 j 15:11	0°♎		
	-3874 May 29 j 23:04	0°♏				-3872 Dec 06 j 04:02	0°♐		
	-3874 Jun 24 j 04:35	0°♑		asc. node		-3871 Jan 02 j 11:39	29°☾54'06		
asc. node	-3874 Jul 18 j 18:29	29°♒56'40				-3871 Jan 02 j 13:57	0°♋		
	-3874 Jul 18 j 19:34	0°♌		evening max el		-3871 Jan 07 j 01:48	4°♋32'37	46°01'54	
greatest brilliancy	-3874 Aug 11 j 13:44	29°♌28'46	-3.9m			-3871 Feb 06 j 20:44	0°♍		
	-3874 Aug 11 j 23:43	0°♎		greatest brilliancy		-3871 Feb 10 j 14:29	2°♍01'12	-4.5m	
	-3874 Sep 04 j 20:56	0°♏		retrograde		-3871 Feb 25 j 12:49	5°♍59'06		
morning set	-3874 Sep 12 j 16:55	9°♏53'03		evening set		-3871 Mar 14 j 17:06	0°♍19'32		
	-3874 Sep 28 j 15:10	0°♐				-3871 Mar 15 j 06:05	30°♋		
	-3874 Oct 22 j 09:40	0°♑		inferior conj		-3871 Mar 19 j 00:23	27°♋38'44	6°57'38	
				minimum elong		-3871 Mar 19 j 08:31	27°♋25'48	6°56'19	
superior conj	-3874 Oct 23 j 11:12	1°♑20'23	0°34'22	min. Earth dist.		-3871 Mar 19 j 09:39	27°♋23'59	0.29342 AU	
minimum elong	-3874 Oct 23 j 19:50	1°♑47'33	0°33'59	morning rise		-3871 Mar 23 j 23:52	24°♋33'19		
max. Earth dist.	-3874 Oct 27 j 08:58	6°♑15'32	1.70983 AU	direct		-3871 Apr 09 j 17:17	19°♋12'08		
desc. node	-3874 Nov 07 j 13:53	20°♑20'55		greatest brilliancy		-3871 Apr 22 j 22:38	22°♋14'55	-4.5m	
	-3874 Nov 15 j 06:28	0°♌		desc. node		-3871 Apr 24 j 08:29	22°♋53'08		
evening rise	-3874 Dec 05 j 01:06	24°♌44'10				-3871 May 06 j 05:12	0°♍		
	-3874 Dec 09 j 06:23	0°♎		morning max el		-3871 May 28 j 14:48	19°♎00'53	45°52'57	
	-3873 Jan 02 j 09:55	0°☾				-3871 Jun 08 j 16:28	0°♏		
	-3873 Jan 26 j 18:15	0°♋				-3871 Jul 06 j 08:59	0°♑		
	-3873 Feb 20 j 09:47	0°♍				-3871 Aug 01 j 04:01	0°♌		
asc. node	-3873 Feb 28 j 09:36	9°♍37'16		asc. node		-3871 Aug 15 j 06:21	16°♌57'32		
	-3873 Mar 17 j 12:10	0°♏				-3871 Aug 25 j 22:37	0°♎		
	-3873 Apr 12 j 07:06	0°♑				-3871 Sep 19 j 03:01	0°♏		
	-3873 May 09 j 06:37	0°♌				-3871 Oct 13 j 00:35	0°♐		
evening max el	-3873 Jun 02 j 01:09	24°♌19'15	45°46'07			-3871 Nov 05 j 20:42	0°♑		
	-3873 Jun 08 j 02:47	0°♎		morning set		-3871 Nov 28 j 13:55	28°♑30'07		
desc. node	-3873 Jun 20 j 05:34	10°♎18'13				-3871 Nov 29 j 18:38	0°♌		
greatest brilliancy	-3873 Jul 10 j 12:47	22°♎29'47	-4.6m	desc. node		-3871 Dec 05 j 02:12	6°♌38'56		
retrograde	-3873 Jul 21 j 05:23	24°♎32'55				-3871 Dec 23 j 19:30	0°♎		
evening set	-3873 Aug 07 j 22:50	18°♎45'24							
inferior conj	-3873 Aug 11 j 03:38	16°♎50'32	-8°-49'-5	superior conj		-3870 Jan 09 j 06:49	20°♎28'20	-1°-9'-26	
minimum elong	-3873 Aug 11 j 00:22	16°♎55'28	8°48'48	minimum elong		-3870 Jan 08 j 20:45	19°♎57'06	1°09'21	
min. Earth dist.	-3873 Aug 11 j 12:42	16°♎36'46	0.27295 AU	max. Earth dist.		-3870 Jan 13 j 03:18	25°♎15'02	1.72455 AU	
morning rise	-3873 Aug 14 j 01:45	15°♎05'04				-3870 Jan 16 j 23:17	0°☾		
direct	-3873 Sep 01 j 00:14	9°♎02'32				-3870 Feb 10 j 05:51	0°♋		
greatest brilliancy	-3873 Sep 14 j 14:42	12°♎24'51	-4.7m	evening rise		-3870 Feb 17 j 09:18	8°♋47'54		
	-3873 Oct 08 j 22:04	0°♏				-3870 Mar 06 j 15:33	0°♍		
asc. node	-3873 Oct 11 j 03:08	2°♏02'22		asc. node		-3870 Mar 27 j 21:46	25°♍58'34		
morning max el	-3873 Oct 21 j 18:06	12°♏28'39	46°52'19			-3870 Mar 31 j 05:05	0°♏		
	-3873 Nov 07 j 02:35	0°♐				-3870 Apr 24 j 23:19	0°♑		
	-3873 Dec 03 j 05:46	0°♑				-3870 May 19 j 23:39	0°♌		
	-3873 Dec 28 j 11:35	0°♌				-3870 Jun 14 j 09:04	0°♎		
	-3872 Jan 22 j 10:29	0°♎				-3870 Jul 10 j 10:42	0°♏		
desc. node	-3872 Jan 31 j 00:11	10°♎20'16		desc. node		-3870 Jul 17 j 17:15	8°♏08'23		
	-3872 Feb 16 j 06:51	0°☾				-3870 Aug 07 j 00:03	0°♐		
	-3872 Mar 12 j 01:18	0°♋		evening max el		-3870 Aug 14 j 18:31	7°♐53'29	47°13'44	
	-3872 Apr 05 j 17:25	0°♍				-3870 Sep 08 j 21:04	0°♑		
morning set	-3872 Apr 23 j 13:00	21°♍45'20		greatest brilliancy		-3870 Sep 23 j 06:47	8°♑16'59	-4.7m	
	-3872 Apr 30 j 06:35	0°♏		retrograde		-3870 Oct 04 j 08:13	10°♑35'17		
asc. node	-3872 May 22 j 20:19	27°♏44'22		evening set		-3870 Oct 19 j 09:46	6°♑04'54		
	-3872 May 24 j 16:19	0°♑		inferior conj		-3870 Oct 24 j 21:34	2°♑50'08	-3°-26'-54	
max. Earth dist.	-3872 May 25 j 14:20	1°♑07'54	1.73248 AU	minimum elong		-3870 Oct 25 j 04:55	2°♑38'56	3°24'42	
				min. Earth dist.		-3870 Oct 24 j 18:21	2°♑55'04	0.26383 AU	
superior conj	-3872 May 29 j 08:56	5°♑47'24	0°15'16			-3870 Oct 29 j 16:08	30°♋		
minimum elong	-3872 May 29 j 05:57	5°♑38'12	0°15'14	morning rise		-3870 Oct 31 j 00:11	29°♐16'07		
behind sun begin	-3872 May 28 j 23:50	5°♑19'20		asc. node		-3870 Nov 07 j 14:31	26°♐08'02		
behind sun end	-3872 May 29 j 12:03	5°♑57'03		direct		-3870 Nov 14 j 02:32	25°♐14'56		
	-3872 Jun 17 j 22:27	0°♌		greatest brilliancy		-3870 Nov 25 j 20:50	27°♐51'30	-4.7m	
evening rise	-3872 Jul 04 j 03:24	20°♌08'00				-3870 Nov 30 j 07:40	0°♑		
	-3872 Jul 12 j 01:39	0°♎		morning max el		-3869 Jan 03 j 06:19	27°♑48'26	46°31'33	
	-3872 Aug 05 j 03:26	0°♏				-3869 Jan 05 j 10:50	0°♌		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3869 Feb 02 j 12:36	0°♊		desc. node	-3867 Aug 14 j 05:15	28°♏19'35	
desc. node	-3869 Feb 27 j 11:58	28°♊19'12			-3867 Aug 15 j 14:40	0°♎	
	-3869 Feb 28 j 22:57	0°♊			-3867 Sep 09 j 19:57	0°♎	
	-3869 Mar 26 j 16:16	0°♋			-3867 Oct 05 j 22:24	0°♍	
	-3869 Apr 20 j 22:58	0°♋		evening max el	-3867 Oct 25 j 23:20	21°♍32'59	47°25'14
	-3869 May 15 j 21:07	0°♌			-3867 Nov 03 j 11:37	0°♊	
	-3869 Jun 09 j 11:23	0°♌		greatest brilliancy	-3867 Dec 02 j 03:11	21°♊56'47	-4.6m
asc. node	-3869 Jun 20 j 08:34	13°♌23'58		asc. node	-3867 Dec 05 j 02:10	23°♊15'18	
morning set	-3869 Jun 30 j 15:51	26°♌08'52		retrograde	-3867 Dec 16 j 01:10	25°♊32'42	
	-3869 Jul 03 j 18:20	0°♍		evening set	-3866 Jan 01 j 01:20	20°♊22'58	
	-3869 Jul 27 j 19:16	0°♍		min. Earth dist.	-3866 Jan 04 j 23:23	17°♊57'25	0.27975 AU
max. Earth dist.	-3869 Aug 03 j 10:56	8°♍20'32	1.71569 AU	inferior conj	-3866 Jan 06 j 01:09	17°♊16'20	6°45'40
				minimum elong	-3866 Jan 05 j 16:12	17°♊30'36	6°43'56
superior conj	-3869 Aug 06 j 19:44	12°♍34'06	1°21'42	morning rise	-3866 Jan 10 j 07:46	14°♊36'53	
minimum elong	-3869 Aug 06 j 15:24	12°♍20'31	1°21'49	direct	-3866 Jan 26 j 22:30	9°♊14'25	
	-3869 Aug 20 j 16:26	0°♏		greatest brilliancy	-3866 Feb 06 j 12:24	11°♊18'07	-4.5m
	-3869 Sep 13 j 12:31	0°♎			-3866 Mar 06 j 13:15	0°♊	
evening rise	-3869 Sep 14 j 22:24	1°♎46'35		morning max el	-3866 Mar 16 j 19:36	9°♊24'40	45°55'49
	-3869 Oct 07 j 09:43	0°♎		desc. node	-3866 Mar 26 j 23:18	19°♊25'44	
desc. node	-3869 Oct 10 j 03:40	3°♎26'40			-3866 Apr 06 j 03:58	0°♋	
	-3869 Oct 31 j 09:30	0°♍			-3866 May 03 j 11:41	0°♋	
	-3869 Nov 24 j 13:06	0°♊			-3866 May 29 j 11:42	0°♌	
	-3869 Dec 18 j 22:52	0°♊			-3866 Jun 23 j 16:27	0°♌	
	-3868 Jan 12 j 19:38	0°♋		asc. node	-3866 Jul 17 j 20:32	29°♌27'41	
asc. node	-3868 Jan 30 j 23:31	21°♋19'33			-3866 Jul 18 j 07:02	0°♍	
	-3868 Feb 07 j 13:01	0°♋			-3866 Aug 11 j 11:01	0°♍	
	-3868 Mar 06 j 00:34	0°♌		greatest brilliancy	-3866 Aug 13 j 01:30	2°♍00'22	-3.9m
evening max el	-3868 Mar 19 j 00:26	12°♌57'02	45°08'06		-3866 Sep 04 j 08:10	0°♏	
	-3868 Apr 07 j 21:48	0°♌		morning set	-3866 Sep 10 j 05:18	7°♏25'14	
greatest brilliancy	-3868 Apr 22 j 14:35	8°♌51'41	-4.5m		-3866 Sep 28 j 02:21	0°♎	
retrograde	-3868 May 06 j 04:26	12°♌02'10					
evening set	-3868 May 21 j 00:30	7°♌50'49		superior conj	-3866 Oct 20 j 20:39	28°♎43'43	0°37'58
desc. node	-3868 May 21 j 20:09	7°♌24'12		minimum elong	-3866 Oct 21 j 05:57	29°♎13'01	0°37'33
inferior conj	-3868 May 27 j 12:15	4°♌02'09	-1°-19'-8		-3866 Oct 21 j 20:52	0°♎	
minimum elong	-3868 May 27 j 09:20	4°♌06'38	1°18'14	max. Earth dist.	-3866 Oct 24 j 10:51	3°♎15'09	1.70954 AU
min. Earth dist.	-3868 May 28 j 00:59	3°♌42'33	0.28582 AU	desc. node	-3866 Nov 06 j 16:05	19°♎52'35	
morning rise	-3868 Jun 02 j 17:37	0°♌20'51			-3866 Nov 14 j 17:41	0°♍	
	-3868 Jun 03 j 09:07	30°♌♌		evening rise	-3866 Dec 02 j 10:59	22°♍10'08	
direct	-3868 Jun 18 j 05:00	25°♌48'35			-3866 Dec 08 j 17:37	0°♊	
greatest brilliancy	-3868 Jul 02 j 21:05	29°♌34'19	-4.5m		-3865 Jan 01 j 21:13	0°♊	
	-3868 Jul 03 j 18:03	0°♌			-3865 Jan 26 j 05:43	0°♋	
morning max el	-3868 Aug 07 j 00:01	27°♌08'39	46°25'35		-3865 Feb 19 j 21:36	0°♋	
	-3868 Aug 09 j 20:38	0°♍		asc. node	-3865 Feb 27 j 11:35	9°♋07'09	
	-3868 Sep 06 j 12:21	0°♍			-3865 Mar 17 j 00:44	0°♌	
asc. node	-3868 Sep 11 j 17:55	6°♍01'34			-3865 Apr 11 j 21:10	0°♌	
	-3868 Oct 01 j 23:36	0°♏			-3865 May 08 j 23:56	0°♍	
	-3868 Oct 26 j 13:18	0°♎		evening max el	-3865 May 30 j 13:40	21°♍57'25	45°43'29
	-3868 Nov 19 j 19:00	0°♎			-3865 Jun 08 j 06:29	0°♍	
	-3868 Dec 13 j 23:35	0°♍		desc. node	-3865 Jun 19 j 07:44	9°♍08'19	
desc. node	-3867 Jan 01 j 14:23	23°♍01'57		greatest brilliancy	-3865 Jul 07 j 23:47	20°♍05'17	-4.6m
	-3867 Jan 07 j 05:48	0°♊		retrograde	-3865 Jul 18 j 17:44	22°♍09'59	
	-3867 Jan 31 j 14:03	0°♊		evening set	-3865 Aug 05 j 08:42	16°♍26'20	
morning set	-3867 Feb 11 j 19:36	13°♊48'49		inferior conj	-3865 Aug 08 j 16:40	14°♍27'03	-8°-44'-31
	-3867 Feb 24 j 23:41	0°♋		minimum elong	-3865 Aug 08 j 12:31	14°♍33'19	8°44'09
				min. Earth dist.	-3865 Aug 09 j 01:50	14°♍13'09	0.27344 AU
superior conj	-3867 Mar 21 j 07:10	29°♋51'13	-1°-8'-15	morning rise	-3865 Aug 11 j 16:09	12°♍39'39	
minimum elong	-3867 Mar 21 j 15:31	0°♋16'50	1°08'07	direct	-3865 Aug 29 j 13:23	6°♍37'50	
	-3867 Mar 21 j 10:02	0°♋		greatest brilliancy	-3865 Sep 12 j 07:10	10°♍03'21	-4.7m
max. Earth dist.	-3867 Mar 21 j 11:28	0°♋04'23	1.73664 AU		-3865 Oct 09 j 02:54	0°♏	
	-3867 Apr 14 j 20:40	0°♌		asc. node	-3865 Oct 10 j 05:15	1°♏02'09	
asc. node	-3867 Apr 24 j 10:06	11°♌43'59		morning max el	-3865 Oct 19 j 07:24	10°♏01'12	46°52'22
evening rise	-3867 Apr 26 j 13:34	14°♌21'54			-3865 Nov 06 j 20:44	0°♎	
greatest brilliancy	-3867 Apr 27 j 04:58	15°♌09'09	-3.9m		-3865 Dec 02 j 20:41	0°♎	
	-3867 May 09 j 07:18	0°♌			-3865 Dec 28 j 00:56	0°♍	
	-3867 Jun 02 j 18:01	0°♍			-3864 Jan 21 j 22:56	0°♊	
	-3867 Jun 27 j 05:31	0°♍		desc. node	-3864 Jan 30 j 02:15	9°♊49'41	
	-3867 Jul 21 j 19:28	0°♏			-3864 Feb 15 j 18:41	0°♊	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3864 Mar 11 j 12:43	0°≈		evening max el	-3862 Aug 12 j 08:42	5°≈30'16	47°11'21
	-3864 Apr 05 j 04:33	0°✕			-3862 Sep 10 j 00:07	0°♎	
morning set	-3864 Apr 21 j 07:55	19°✕42'36		greatest brilliancy	-3862 Sep 20 j 20:00	5°♎46'54	-4.7m
	-3864 Apr 29 j 17:35	0°♑		retrograde	-3862 Oct 01 j 21:00	8°♎03'57	
asc. node	-3864 May 21 j 22:31	27°♑17'23		evening set	-3862 Oct 17 j 00:28	3°♎30'26	
max. Earth dist.	-3864 May 23 j 12:44	29°♑15'12	1.73292 AU	inferior conj	-3862 Oct 22 j 09:38	0°♎19'18	-3°-49'-26
	-3864 May 24 j 03:16	0°♄		minimum elong	-3862 Oct 22 j 17:39	0°♎07'05	3°47'05
				min. Earth dist.	-3862 Oct 22 j 07:16	0°♎22'55	0.26380 AU
superior conj	-3864 May 27 j 03:46	3°♄43'36	0°12'15		-3862 Oct 22 j 22:18	30°♋♑	
minimum elong	-3864 May 27 j 01:21	3°♄36'10	0°12'14	morning rise	-3862 Oct 28 j 11:01	26°♑47'22	
behind sun begin	-3864 May 26 j 11:09	2°♄52'19		asc. node	-3862 Nov 06 j 16:45	23°♑15'04	
behind sun end	-3864 May 27 j 15:34	4°♄20'02		direct	-3862 Nov 11 j 15:20	22°♑44'26	
	-3864 Jun 17 j 09:29	0°♐		greatest brilliancy	-3862 Nov 23 j 09:46	25°♑21'47	-4.7m
evening rise	-3864 Jul 01 j 21:23	18°♐00'12			-3862 Dec 02 j 01:38	0°♎	
	-3864 Jul 11 j 12:51	0°♄		morning max el	-3862 Dec 31 j 20:40	25°♎25'51	46°32'49
	-3864 Aug 04 j 14:54	0°♊			-3861 Jan 05 j 09:09	0°♌	
	-3864 Aug 28 j 17:38	0°♑			-3861 Feb 02 j 04:55	0°♌	
desc. node	-3864 Sep 10 j 17:24	16°♑06'28		desc. node	-3861 Feb 26 j 13:58	27°♌44'38	
	-3864 Sep 21 j 23:04	0°♎			-3861 Feb 28 j 12:50	0°♄	
	-3864 Oct 16 j 09:26	0°♌			-3861 Mar 26 j 04:52	0°≈	
	-3864 Nov 10 j 04:52	0°♌			-3861 Apr 20 j 10:49	0°✕	
	-3864 Dec 05 j 19:29	0°♄			-3861 May 15 j 08:31	0°♑	
asc. node	-3863 Jan 01 j 13:47	29°♄07'46			-3861 Jun 08 j 22:34	0°♄	
	-3863 Jan 02 j 10:21	0°≈		asc. node	-3861 Jun 19 j 10:37	12°♄55'56	
evening max el	-3863 Jan 04 j 17:04	2°≈17'29	46°05'00	morning set	-3861 Jun 28 j 09:12	23°♄59'31	
greatest brilliancy	-3863 Feb 08 j 05:59	29°≈51'05	-4.5m		-3861 Jul 03 j 05:26	0°♐	
	-3863 Feb 08 j 13:13	0°✕			-3861 Jul 27 j 06:23	0°♄	
retrograde	-3863 Feb 23 j 06:32	3°✕51'53		max. Earth dist.	-3861 Jul 31 j 19:55	5°♄43'13	1.71626 AU
	-3863 Mar 09 j 05:23	30°♋≈					
evening set	-3863 Mar 12 j 12:26	28°≈08'16		superior conj	-3861 Aug 04 j 11:04	10°♄16'34	1°20'50
inferior conj	-3863 Mar 16 j 17:31	25°≈30'45	7°07'23	minimum elong	-3861 Aug 04 j 06:06	10°♄00'56	1°20'56
minimum elong	-3863 Mar 17 j 01:22	25°≈18'17	7°06'12		-3861 Aug 20 j 03:40	0°♊	
min. Earth dist.	-3863 Mar 17 j 01:40	25°≈17'49	0.29341 AU	evening rise	-3861 Sep 12 j 09:19	29°♊14'14	
morning rise	-3863 Mar 21 j 14:17	22°≈29'32			-3861 Sep 12 j 23:52	0°♑	
direct	-3863 Apr 07 j 10:00	17°≈04'06			-3861 Oct 06 j 21:13	0°♎	
greatest brilliancy	-3863 Apr 20 j 14:11	20°≈05'59	-4.5m	desc. node	-3861 Oct 09 j 05:51	2°♎57'25	
desc. node	-3863 Apr 23 j 10:44	21°≈26'16			-3861 Oct 30 j 21:11	0°♌	
	-3863 May 06 j 19:47	0°✕			-3861 Nov 24 j 01:02	0°♌	
morning max el	-3863 May 26 j 08:08	16°✕53'57	45°52'20		-3861 Dec 18 j 11:11	0°♄	
	-3863 Jun 08 j 11:15	0°♑			-3860 Jan 12 j 08:43	0°≈	
	-3863 Jul 05 j 23:43	0°♄		asc. node	-3860 Jan 30 j 01:33	20°≈44'55	
	-3863 Jul 31 j 17:06	0°♐			-3860 Feb 07 j 03:41	0°✕	
asc. node	-3863 Aug 14 j 08:23	16°♐25'36			-3860 Mar 05 j 19:24	0°♑	
	-3863 Aug 25 j 10:54	0°♄		evening max el	-3860 Mar 16 j 16:18	10°♑46'25	45°08'34
	-3863 Sep 18 j 14:53	0°♊			-3860 Apr 08 j 14:32	0°♄	
	-3863 Oct 12 j 12:14	0°♑		greatest brilliancy	-3860 Apr 20 j 05:26	6°♄40'48	-4.5m
	-3863 Nov 05 j 08:15	0°♎		retrograde	-3860 May 03 j 19:29	9°♄51'51	
morning set	-3863 Nov 25 j 23:35	25°♎54'20		evening set	-3860 May 18 j 16:31	5°♄40'09	
	-3863 Nov 29 j 06:04	0°♌		desc. node	-3860 May 20 j 22:14	4°♄25'16	
desc. node	-3863 Dec 04 j 04:18	6°♌09'52		inferior conj	-3860 May 25 j 04:04	1°♄51'23	0°-59'-17
	-3863 Dec 23 j 06:48	0°♌		minimum elong	-3860 May 25 j 01:53	1°♄54'45	0°58'34
				min. Earth dist.	-3860 May 25 j 17:21	1°♄30'52	0.28621 AU
superior conj	-3862 Jan 06 j 18:56	18°♌02'11	-1°-7'-20		-3860 May 28 j 04:47	30°♋♑	
minimum elong	-3862 Jan 06 j 08:29	17°♌29'44	1°07'12	morning rise	-3860 May 31 j 10:38	28°♑07'49	
max. Earth dist.	-3862 Jan 10 j 16:26	22°♌52'15	1.72395 AU	direct	-3860 Jun 15 j 21:09	23°♑37'11	
	-3862 Jan 16 j 10:28	0°♄		greatest brilliancy	-3860 Jun 30 j 11:50	27°♑20'33	-4.5m
	-3862 Feb 09 j 16:59	0°≈			-3860 Jul 05 j 10:38	0°♄	
evening rise	-3862 Feb 15 j 00:52	6°≈33'53		morning max el	-3860 Aug 04 j 14:21	24°♄50'14	46°24'06
	-3862 Mar 06 j 02:44	0°✕			-3860 Aug 09 j 17:36	0°♐	
asc. node	-3862 Mar 26 j 23:56	25°✕30'35			-3860 Sep 06 j 04:04	0°♄	
	-3862 Mar 30 j 16:28	0°♑		asc. node	-3860 Sep 10 j 20:04	5°♄23'39	
	-3862 Apr 24 j 11:08	0°♄			-3860 Oct 01 j 13:22	0°♊	
	-3862 May 19 j 12:13	0°♐			-3860 Oct 26 j 02:06	0°♑	
	-3862 Jun 13 j 22:53	0°♄			-3860 Nov 19 j 07:14	0°♎	
	-3862 Jul 10 j 02:51	0°♊			-3860 Dec 13 j 11:24	0°♌	
desc. node	-3862 Jul 16 j 19:18	7°♊26'46		desc. node	-3860 Dec 31 j 16:24	22°♌32'22	
	-3862 Aug 06 j 21:38	0°♑			-3859 Jan 06 j 17:20	0°♌	

Planetary Phenomena of Venus from -3900 through -3400 (UT), Astrodienst AG 7-Dez-2017 14:37, page 9

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3859 Jan 31 j 01:21	0°☾		evening set	-3857 Aug 02 j 18:24	14°☾08'39	
morning set	-3859 Feb 09 j 10:14	11°☾31'49		inferior conj	-3857 Aug 06 j 05:48	12°☾04'36	-8°-39'-6
	-3859 Feb 24 j 10:48	0°☾		minimum elong	-3857 Aug 06 j 00:48	12°☾12'10	8°38'36
				min. Earth dist.	-3857 Aug 06 j 14:42	11°☾51'09	0.27391 AU
superior conj	-3859 Mar 19 j 00:49	27°☾44'18	-1°-10'-2	morning rise	-3857 Aug 09 j 07:01	10°☾14'50	
minimum elong	-3859 Mar 19 j 08:58	28°☾09'19	1°09'55	direct	-3857 Aug 27 j 03:12	4°☾14'20	
max. Earth dist.	-3859 Mar 19 j 08:05	28°☾06'37	1.73641 AU	greatest brilliancy	-3857 Sep 09 j 23:24	7°☾42'48	-4.7m
	-3859 Mar 20 j 21:02	0°☾		asc. node	-3857 Oct 09 j 07:33	0°☾04'22	
	-3859 Apr 14 j 07:38	0°☾			-3857 Oct 09 j 05:44	0°☾	
asc. node	-3859 Apr 23 j 12:20	11°☾17'02		morning max el	-3857 Oct 16 j 21:37	7°☾36'54	46°52'09
evening rise	-3859 Apr 24 j 08:42	12°☾19'32			-3857 Nov 06 j 14:19	0°☾	
greatest brilliancy	-3859 Apr 26 j 03:37	14°☾31'11	-3.9m		-3857 Dec 02 j 11:20	0°☾	
	-3859 May 08 j 18:23	0°☾			-3857 Dec 27 j 14:09	0°☾	
	-3859 Jun 02 j 05:22	0°☾			-3856 Jan 21 j 11:16	0°☾	
	-3859 Jun 26 j 17:18	0°☾		desc. node	-3856 Jan 29 j 04:22	9°☾19'30	
	-3859 Jul 21 j 07:52	0°☾			-3856 Feb 15 j 06:23	0°☾	
desc. node	-3859 Aug 13 j 07:16	27°☾45'51			-3856 Mar 10 j 23:58	0°☾	
	-3859 Aug 15 j 04:00	0°☾			-3856 Apr 04 j 15:32	0°☾	
	-3859 Sep 09 j 10:46	0°☾		morning set	-3856 Apr 19 j 02:35	17°☾39'35	
	-3859 Oct 05 j 16:08	0°☾			-3856 Apr 29 j 04:25	0°☾	
evening max el	-3859 Oct 23 j 13:51	19°☾09'58	47°26'48	asc. node	-3856 May 21 j 00:33	26°☾50'21	
	-3859 Nov 03 j 14:25	0°☾		max. Earth dist.	-3856 May 21 j 11:27	27°☾23'57	1.73332 AU
greatest brilliancy	-3859 Nov 29 j 21:43	19°☾40'25	-4.7m		-3856 May 23 j 14:05	0°☾	
asc. node	-3859 Dec 04 j 04:13	21°☾28'00					
retrograde	-3859 Dec 13 j 16:16	23°☾12'49		superior conj	-3856 May 24 j 22:30	1°☾39'59	0°09'13
evening set	-3859 Dec 29 j 13:43	18°☾08'08		minimum elong	-3856 May 24 j 20:42	1°☾34'23	0°09'12
min. Earth dist.	-3858 Jan 02 j 14:31	15°☾38'43	0.27895 AU	behind sun begin	-3856 May 24 j 02:30	0°☾38'15	
inferior conj	-3858 Jan 03 j 16:19	14°☾57'37	6°33'20	behind sun end	-3856 May 25 j 14:54	2°☾30'32	
minimum elong	-3858 Jan 03 j 07:10	15°☾12'12	6°31'26		-3856 Jun 16 j 20:22	0°☾	
morning rise	-3858 Jan 08 j 01:17	12°☾14'37		evening rise	-3856 Jun 29 j 15:33	15°☾53'28	
direct	-3858 Jan 24 j 12:20	6°☾57'00			-3856 Jul 10 j 23:52	0°☾	
greatest brilliancy	-3858 Feb 04 j 02:33	9°☾00'35	-4.5m		-3856 Aug 04 j 02:08	0°☾	
	-3858 Mar 06 j 17:07	0°☾			-3856 Aug 28 j 05:12	0°☾	
morning max el	-3858 Mar 14 j 09:19	7°☾07'22	45°56'41	desc. node	-3856 Sep 09 j 19:38	15°☾36'58	
desc. node	-3858 Mar 26 j 01:34	18°☾41'55			-3856 Sep 21 j 11:04	0°☾	
	-3858 Apr 05 j 21:14	0°☾			-3856 Oct 15 j 22:01	0°☾	
	-3858 May 03 j 01:45	0°☾			-3856 Nov 09 j 18:23	0°☾	
	-3858 May 29 j 00:17	0°☾			-3856 Dec 05 j 10:58	0°☾	
	-3858 Jun 23 j 04:16	0°☾		asc. node	-3856 Dec 31 j 15:52	28°☾20'55	
asc. node	-3858 Jul 16 j 22:39	28°☾59'03			-3855 Jan 02 j 07:19	0°☾	
	-3858 Jul 17 j 18:27	0°☾		evening max el	-3855 Jan 02 j 09:13	0°☾04'44	46°08'04
	-3858 Aug 10 j 22:16	0°☾		greatest brilliancy	-3855 Feb 05 j 22:25	27°☾42'10	-4.5m
greatest brilliancy	-3858 Aug 14 j 01:51	3°☾56'32	-3.9m		-3855 Feb 11 j 08:32	0°☾	
	-3858 Sep 03 j 19:21	0°☾		retrograde	-3855 Feb 21 j 00:12	1°☾44'14	
morning set	-3858 Sep 07 j 17:48	4°☾57'51			-3855 Mar 02 j 05:46	30°☾	
	-3858 Sep 27 j 13:33	0°☾		evening set	-3855 Mar 10 j 07:33	25°☾56'54	
				inferior conj	-3855 Mar 14 j 10:29	23°☾22'28	7°16'40
superior conj	-3858 Oct 18 j 05:52	26°☾06'10	0°41'29	minimum elong	-3855 Mar 14 j 17:57	23°☾10'35	7°15'35
minimum elong	-3858 Oct 18 j 15:46	26°☾37'22	0°41'05	min. Earth dist.	-3855 Mar 14 j 17:12	23°☾11'47	0.29337 AU
	-3858 Oct 21 j 08:06	0°☾		morning rise	-3855 Mar 19 j 04:26	20°☾25'31	
max. Earth dist.	-3858 Oct 21 j 10:56	0°☾08'54	1.70935 AU	direct	-3855 Apr 05 j 02:54	14°☾56'02	
desc. node	-3858 Nov 05 j 18:12	19°☾23'53		greatest brilliancy	-3855 Apr 18 j 04:23	17°☾55'41	-4.5m
	-3858 Nov 14 j 04:57	0°☾		desc. node	-3855 Apr 22 j 12:52	20°☾02'16	
evening rise	-3858 Nov 29 j 20:17	19°☾34'07			-3855 May 07 j 06:31	0°☾	
	-3858 Dec 08 j 04:54	0°☾		morning max el	-3855 May 24 j 01:28	14°☾47'45	45°51'41
	-3857 Jan 01 j 08:32	0°☾			-3855 Jun 08 j 05:21	0°☾	
	-3857 Jan 25 j 17:11	0°☾			-3855 Jul 05 j 14:02	0°☾	
	-3857 Feb 19 j 09:28	0°☾			-3855 Jul 31 j 05:51	0°☾	
asc. node	-3857 Feb 26 j 13:46	8°☾37'38		asc. node	-3855 Aug 13 j 10:33	15°☾54'52	
	-3857 Mar 16 j 13:23	0°☾			-3855 Aug 24 j 22:52	0°☾	
	-3857 Apr 11 j 11:21	0°☾			-3855 Sep 18 j 02:26	0°☾	
	-3857 May 08 j 17:34	0°☾			-3855 Oct 11 j 23:33	0°☾	
evening max el	-3857 May 28 j 02:58	19°☾37'59	45°41'04		-3855 Nov 04 j 19:25	0°☾	
	-3857 Jun 08 j 11:50	0°☾		morning set	-3855 Nov 23 j 09:37	23°☾20'40	
desc. node	-3857 Jun 18 j 09:48	7°☾56'43			-3855 Nov 28 j 17:08	0°☾	
greatest brilliancy	-3857 Jul 05 j 09:42	17°☾40'34	-4.5m	desc. node	-3855 Dec 03 j 06:19	5°☾41'38	
retrograde	-3857 Jul 16 j 06:42	19°☾48'12			-3855 Dec 22 j 17:46	0°☾	

Planetary Phenomena of Venus from -3900 through -3400 (UT), Astrodienst AG 7-Dez-2017 14:37, page 10

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3854 Jan 04 j 06:48	15° ♂ 36'03	-1°-5'-4	min. Earth dist.	-3852 May 23 j 10:05	29° Υ 20'00	0.28661 AU
minimum elong	-3854 Jan 03 j 20:03	15° ♂ 02'37	1°04'54	morning rise	-3852 May 29 j 03:37	25° Υ 56'13	
max. Earth dist.	-3854 Jan 08 j 07:05	20° ♂ 34'57	1.72342 AU	direct	-3852 Jun 13 j 12:56	21° Υ 26'45	
	-3854 Jan 15 j 21:21	0° ♂		greatest brilliancy	-3852 Jun 28 j 03:34	25° Υ 09'02	-4.5m
	-3854 Feb 09 j 03:51	0° \approx			-3852 Jul 06 j 14:20	0° ♂	
evening rise	-3854 Feb 12 j 16:01	4° \approx 19'18		morning max el	-3852 Aug 02 j 04:32	22° ♂ 32'22	46°22'42
	-3854 Mar 05 j 13:40	0° ♂			-3852 Aug 09 j 13:35	0° ♂	
asc. node	-3854 Mar 26 j 02:05	25° ♂ 03'23			-3852 Sep 05 j 19:15	0° ♂	
	-3854 Mar 30 j 03:37	0° Υ		asc. node	-3852 Sep 09 j 22:18	4° ♂ 47'14	
	-3854 Apr 23 j 22:43	0° ♂			-3852 Oct 01 j 02:44	0° ♂	
	-3854 May 19 j 00:34	0° ♂			-3852 Oct 25 j 14:34	0° ♂	
	-3854 Jun 13 j 12:34	0° ♂			-3852 Nov 18 j 19:08	0° ♂	
	-3854 Jul 09 j 19:00	0° ♂			-3852 Dec 12 j 22:53	0° ♂	
desc. node	-3854 Jul 15 j 21:25	6° ♂ 45'39		desc. node	-3852 Dec 30 j 18:32	22° ♂ 04'06	
	-3854 Aug 06 j 19:42	0° ♂			-3851 Jan 06 j 04:30	0° ♂	
evening max el	-3854 Aug 09 j 23:15	3° ♂ 08'49	47°08'51		-3851 Jan 30 j 12:17	0° ♂	
	-3854 Sep 11 j 13:19	0° ♂		morning set	-3851 Feb 07 j 01:06	9° ♂ 16'36	
greatest brilliancy	-3854 Sep 18 j 10:06	3° ♂ 19'10	-4.7m		-3851 Feb 23 j 21:33	0° \approx	
retrograde	-3854 Sep 29 j 09:34	5° ♂ 33'52					
evening set	-3854 Oct 14 j 15:25	0° ♂ 57'27		superior conj	-3851 Mar 16 j 18:44	25° \approx 39'16	-1°-11'-42
	-3854 Oct 16 j 07:35	30° ♂		minimum elong	-3851 Mar 17 j 02:37	26° \approx 03'30	1°11'37
inferior conj	-3854 Oct 19 j 21:48	27° ♂ 50'03	-4°-11'-32	max. Earth dist.	-3851 Mar 17 j 04:08	26° \approx 08'08	1.73621 AU
minimum elong	-3854 Oct 20 j 06:24	27° ♂ 36'54	4°09'03		-3851 Mar 20 j 07:41	0° ♂	
min. Earth dist.	-3854 Oct 19 j 20:25	27° ♂ 52'09	0.26373 AU		-3851 Apr 13 j 18:18	0° Υ	
morning rise	-3854 Oct 25 j 21:37	24° ♂ 20'17		evening rise	-3851 Apr 22 j 03:58	10° Υ 18'27	
asc. node	-3854 Nov 05 j 18:45	20° ♂ 30'02		asc. node	-3851 Apr 22 j 14:21	10° Υ 50'19	
direct	-3854 Nov 09 j 04:03	20° ♂ 15'44		greatest brilliancy	-3851 Apr 25 j 10:20	14° Υ 18'51	-3.9m
greatest brilliancy	-3854 Nov 20 j 22:25	22° ♂ 53'08	-4.7m		-3851 May 08 j 05:13	0° ♂	
	-3854 Dec 03 j 05:54	0° ♂			-3851 Jun 01 j 16:29	0° ♂	
morning max el	-3854 Dec 29 j 10:12	23° ♂ 02'32	46°34'00		-3851 Jun 26 j 04:52	0° ♂	
	-3853 Jan 05 j 06:06	0° ♂			-3851 Jul 20 j 20:06	0° ♂	
	-3853 Feb 01 j 20:30	0° ♂		desc. node	-3851 Aug 12 j 09:30	27° ♂ 13'18	
desc. node	-3853 Feb 25 j 16:12	27° ♂ 12'03			-3851 Aug 14 j 17:10	0° ♂	
	-3853 Feb 28 j 02:12	0° ♂			-3851 Sep 09 j 01:30	0° ♂	
	-3853 Mar 25 j 17:04	0° \approx			-3851 Oct 05 j 10:03	0° ♂	
	-3853 Apr 19 j 22:20	0° ♂		evening max el	-3851 Oct 21 j 04:06	16° ♂ 46'55	47°28'18
	-3853 May 14 j 19:38	0° Υ			-3851 Nov 03 j 18:35	0° ♂	
	-3853 Jun 08 j 09:26	0° ♂		greatest brilliancy	-3851 Nov 27 j 15:31	17° ♂ 23'28	-4.7m
asc. node	-3853 Jun 18 j 12:42	12° ♂ 28'55		asc. node	-3851 Dec 03 j 06:24	19° ♂ 37'16	
morning set	-3853 Jun 26 j 02:28	21° ♂ 50'53		retrograde	-3851 Dec 11 j 07:31	20° ♂ 53'39	
	-3853 Jul 02 j 16:13	0° ♂		evening set	-3851 Dec 27 j 02:08	15° ♂ 53'35	
	-3853 Jul 26 j 17:13	0° ♂		min. Earth dist.	-3851 Dec 31 j 05:45	13° ♂ 20'29	0.27814 AU
max. Earth dist.	-3853 Jul 29 j 05:27	3° ♂ 08'41	1.71687 AU	inferior conj	-3850 Jan 01 j 07:29	12° ♂ 39'33	6°20'10
				minimum elong	-3851 Dec 31 j 22:13	12° ♂ 54'18	6°18'09
superior conj	-3853 Aug 02 j 02:30	8° ♂ 00'21	1°19'50	morning rise	-3850 Jan 05 j 18:54	9° ♂ 53'02	
minimum elong	-3853 Aug 01 j 20:55	7° ♂ 42'51	1°19'55	direct	-3850 Jan 22 j 01:55	4° ♂ 40'02	
	-3853 Aug 19 j 14:37	0° ♂		greatest brilliancy	-3850 Feb 01 j 17:15	6° ♂ 44'25	-4.5m
evening rise	-3853 Sep 09 j 20:29	26° ♂ 43'35			-3850 Mar 06 j 18:59	0° ♂	
	-3853 Sep 12 j 10:58	0° ♂		morning max el	-3850 Mar 11 j 23:42	4° ♂ 52'33	45°57'44
	-3853 Oct 06 j 08:26	0° ♂		desc. node	-3850 Mar 25 j 03:39	17° ♂ 59'13	
desc. node	-3853 Oct 08 j 07:57	2° ♂ 28'48			-3850 Apr 05 j 13:47	0° \approx	
	-3853 Oct 30 j 08:32	0° ♂			-3850 May 02 j 15:22	0° ♂	
	-3853 Nov 23 j 12:35	0° ♂			-3850 May 28 j 12:35	0° Υ	
	-3853 Dec 17 j 23:08	0° ♂			-3850 Jun 22 j 15:53	0° ♂	
	-3852 Jan 11 j 21:25	0° \approx		asc. node	-3850 Jul 16 j 00:51	28° ♂ 31'01	
asc. node	-3852 Jan 29 j 03:44	20° \approx 11'50			-3850 Jul 17 j 05:44	0° ♂	
	-3852 Feb 06 j 18:05	0° ♂			-3850 Aug 10 j 09:23	0° ♂	
	-3852 Mar 05 j 14:19	0° Υ		greatest brilliancy	-3850 Aug 15 j 00:57	5° ♂ 49'18	-3.9m
evening max el	-3852 Mar 14 j 07:29	8° Υ 35'07	45°08'57		-3850 Sep 03 j 06:25	0° ♂	
	-3852 Apr 09 j 12:32	0° ♂		morning set	-3850 Sep 05 j 06:24	2° ♂ 31'20	
greatest brilliancy	-3852 Apr 17 j 19:54	4° ♂ 30'21	-4.5m		-3850 Sep 27 j 00:37	0° ♂	
retrograde	-3852 May 01 j 10:32	7° ♂ 42'49					
evening set	-3852 May 16 j 08:44	3° ♂ 30'12		superior conj	-3850 Oct 15 j 15:07	23° ♂ 29'03	0°44'55
desc. node	-3852 May 20 j 00:18	1° ♂ 25'23		minimum elong	-3850 Oct 16 j 01:32	24° ♂ 01'52	0°44'30
	-3852 May 22 j 08:13	30° ♂		max. Earth dist.	-3850 Oct 18 j 14:22	27° ♂ 13'34	1.70920 AU
inferior conj	-3852 May 22 j 19:59	29° Υ 41'48	0°-39'-23		-3850 Oct 20 j 19:12	0° ♂	
minimum elong	-3852 May 22 j 18:32	29° Υ 44'03	0°38'53	desc. node	-3850 Nov 04 j 20:11	18° ♂ 55'08	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3850 Nov 13 j 16:06	0°♌		morning max el	-3847 May 21 j 18:22	12°♋40'19	45°51'11
evening rise	-3850 Nov 27 j 05:34	16°♌58'23			-3847 Jun 07 j 23:06	0°♍	
	-3850 Dec 07 j 16:06	0°♊			-3847 Jul 05 j 04:17	0°♋	
	-3850 Dec 31 j 19:47	0°♊			-3847 Jul 30 j 18:39	0°♌	
	-3849 Jan 25 j 04:34	0°♋		asc. node	-3847 Aug 12 j 12:44	15°♌23'53	
	-3849 Feb 18 j 21:12	0°♋			-3847 Aug 24 j 10:58	0°♌	
asc. node	-3849 Feb 25 j 15:58	8°♋08'36			-3847 Sep 17 j 14:12	0°♌	
	-3849 Mar 16 j 01:54	0°♍			-3847 Oct 11 j 11:09	0°♎	
	-3849 Apr 11 j 01:30	0°♋			-3847 Nov 04 j 06:54	0°♌	
	-3849 May 08 j 11:26	0°♌		morning set	-3847 Nov 20 j 19:15	20°♌44'49	
evening max el	-3849 May 25 j 17:14	17°♌21'28	45°38'31		-3847 Nov 28 j 04:29	0°♌	
	-3849 Jun 08 j 19:14	0°♌		desc. node	-3847 Dec 02 j 08:30	5°♌13'00	
desc. node	-3849 Jun 17 j 11:57	6°♌43'18			-3847 Dec 22 j 05:00	0°♊	
greatest brilliancy	-3849 Jul 02 j 18:54	15°♌15'30	-4.5m				
retrograde	-3849 Jul 13 j 19:59	17°♌26'34		superior conj	-3846 Jan 01 j 18:13	13°♊07'32	-1°-2'-39
evening set	-3849 Jul 31 j 03:53	11°♌51'31		minimum elong	-3846 Jan 01 j 07:14	12°♊33'25	1°02'28
inferior conj	-3849 Aug 03 j 18:57	9°♌42'13	-8°-32'-43	max. Earth dist.	-3846 Jan 05 j 23:20	18°♊21'38	1.72284 AU
minimum elong	-3849 Aug 03 j 13:10	9°♌50'57	8°32'05		-3846 Jan 15 j 08:31	0°♊	
min. Earth dist.	-3849 Aug 04 j 03:19	9°♌29'36	0.27441 AU		-3846 Feb 08 j 15:00	0°♋	
morning rise	-3849 Aug 06 j 22:16	7°♌49'32		evening rise	-3846 Feb 10 j 06:57	2°♋03'08	
direct	-3849 Aug 24 j 17:39	1°♌51'06			-3846 Mar 05 j 00:54	0°♋	
greatest brilliancy	-3849 Sep 07 j 15:04	5°♌21'34	-4.6m	asc. node	-3846 Mar 25 j 04:08	24°♋34'58	
asc. node	-3849 Oct 08 j 09:33	29°♌06'58			-3846 Mar 29 j 15:04	0°♍	
	-3849 Oct 09 j 07:13	0°♌			-3846 Apr 23 j 10:35	0°♋	
morning max el	-3849 Oct 14 j 12:23	5°♌14'02	46°51'52		-3846 May 18 j 13:11	0°♌	
	-3849 Nov 06 j 07:34	0°♎			-3846 Jun 13 j 02:32	0°♌	
	-3849 Dec 02 j 01:50	0°♌			-3846 Jul 09 j 11:35	0°♌	
	-3849 Dec 27 j 03:17	0°♌		desc. node	-3846 Jul 14 j 23:37	6°♌03'50	
	-3848 Jan 20 j 23:33	0°♊			-3846 Aug 06 j 18:52	0°♎	
desc. node	-3848 Jan 28 j 06:30	8°♊49'25		evening max el	-3846 Aug 07 j 12:58	0°♎44'50	47°06'02
	-3848 Feb 14 j 18:04	0°♊			-3846 Sep 13 j 23:29	0°♌	
	-3848 Mar 10 j 11:14	0°♋		greatest brilliancy	-3846 Sep 16 j 00:43	0°♌51'05	-4.7m
	-3848 Apr 04 j 02:30	0°♋		retrograde	-3846 Sep 26 j 21:22	3°♌02'33	
morning set	-3848 Apr 16 j 21:40	15°♋37'56			-3846 Oct 09 j 03:57	30°♎	
	-3848 Apr 28 j 15:14	0°♍		evening set	-3846 Oct 12 j 06:26	28°♎23'03	
max. Earth dist.	-3848 May 19 j 10:50	25°♍34'52	1.73370 AU	inferior conj	-3846 Oct 17 j 09:55	25°♎19'38	-4°-33'-10
asc. node	-3848 May 20 j 02:41	26°♍23'40		minimum elong	-3846 Oct 17 j 19:04	25°♎05'38	4°30'35
				min. Earth dist.	-3846 Oct 17 j 09:53	25°♎19'41	0.26377 AU
superior conj	-3848 May 22 j 17:41	29°♍37'48	0°06'11	morning rise	-3846 Oct 23 j 07:51	21°♎52'08	
minimum elong	-3848 May 22 j 16:27	29°♍34'00	0°06'12	asc. node	-3846 Nov 04 j 20:58	17°♎49'34	
behind sun begin	-3848 May 21 j 19:56	28°♍30'45		direct	-3846 Nov 06 j 16:22	17°♎45'32	
behind sun end	-3848 May 23 j 12:58	0°♋37'16		greatest brilliancy	-3846 Nov 18 j 12:11	20°♎24'06	-4.7m
	-3848 May 23 j 00:52	0°♋			-3846 Dec 04 j 03:17	0°♌	
	-3848 Jun 16 j 07:15	0°♌		morning max el	-3846 Dec 26 j 22:45	20°♌34'56	46°35'11
evening rise	-3848 Jun 27 j 10:06	13°♌47'54			-3845 Jan 05 j 02:54	0°♌	
	-3848 Jul 10 j 10:58	0°♌			-3845 Feb 01 j 12:20	0°♊	
	-3848 Aug 03 j 13:31	0°♌		desc. node	-3845 Feb 24 j 18:18	26°♊37'59	
	-3848 Aug 27 j 16:57	0°♎			-3845 Feb 27 j 15:53	0°♊	
desc. node	-3848 Sep 08 j 21:41	15°♎06'22			-3845 Mar 25 j 05:36	0°♋	
	-3848 Sep 20 j 23:16	0°♌			-3845 Apr 19 j 10:10	0°♋	
	-3848 Oct 15 j 10:49	0°♌			-3845 May 14 j 07:03	0°♍	
	-3848 Nov 09 j 08:12	0°♊			-3845 Jun 07 j 20:36	0°♋	
	-3848 Dec 05 j 02:50	0°♊		asc. node	-3845 Jun 17 j 14:56	12°♋01'28	
asc. node	-3848 Dec 30 j 18:05	27°♊33'09		morning set	-3845 Jun 23 j 20:09	19°♋42'39	
evening max el	-3848 Dec 31 j 01:52	27°♊52'40	46°11'07		-3845 Jul 02 j 03:17	0°♌	
	-3847 Jan 02 j 05:15	0°♋			-3845 Jul 26 j 04:18	0°♌	
greatest brilliancy	-3847 Feb 03 j 16:12	25°♋34'37	-4.5m	max. Earth dist.	-3845 Jul 26 j 18:31	0°♌44'29	1.71746 AU
retrograde	-3847 Feb 18 j 17:46	29°♋36'05					
evening set	-3847 Mar 08 j 02:43	23°♋45'27		superior conj	-3845 Jul 30 j 18:31	5°♌45'17	1°18'44
inferior conj	-3847 Mar 12 j 03:31	21°♋13'54	7°25'26	minimum elong	-3845 Jul 30 j 12:22	5°♌26'01	1°18'47
minimum elong	-3847 Mar 12 j 10:36	21°♋02'36	7°24'27		-3845 Aug 19 j 01:48	0°♌	
min. Earth dist.	-3847 Mar 12 j 08:48	21°♋05'29	0.29325 AU	evening rise	-3845 Sep 07 j 08:19	24°♌14'18	
morning rise	-3847 Mar 16 j 18:38	18°♋21'06			-3845 Sep 11 j 22:18	0°♎	
direct	-3847 Apr 02 j 20:07	12°♋47'55			-3845 Oct 05 j 19:58	0°♌	
greatest brilliancy	-3847 Apr 15 j 17:36	15°♋43'57	-4.5m	desc. node	-3845 Oct 07 j 09:58	1°♌58'59	
desc. node	-3847 Apr 21 j 14:52	18°♋40'28			-3845 Oct 29 j 20:16	0°♌	
	-3847 May 07 j 14:31	0°♋			-3845 Nov 23 j 00:37	0°♊	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3845 Dec 17 j 11:36	0°☾			-3842 Jun 22 j 03:48	0°♄		
	-3844 Jan 11 j 10:43	0°♊		asc. node	-3842 Jul 15 j 02:55	28°♄01'48		
asc. node	-3844 Jan 28 j 05:55	19°♊36'59			-3842 Jul 16 j 17:17	0°♂		
	-3844 Feb 06 j 09:11	0°♋			-3842 Aug 09 j 20:46	0°♌		
	-3844 Mar 05 j 10:23	0°♌		greatest brilliancy	-3842 Aug 15 j 16:20	7°♌17'09	-3.9m	
evening max el	-3844 Mar 11 j 21:51	6°♌20'24	45°09'37	morning set	-3842 Sep 02 j 19:16	0°♍04'53		
	-3844 Apr 10 j 20:09	0°♍			-3842 Sep 02 j 17:43	0°♍		
greatest brilliancy	-3844 Apr 15 j 09:21	2°♍17'18	-4.5m		-3842 Sep 26 j 11:54	0°♎		
retrograde	-3844 Apr 29 j 01:47	5°♍32'38						
evening set	-3844 May 14 j 01:01	1°♍18'33		superior conj	-3842 Oct 13 j 00:46	20°♎52'29	0°48'14	
	-3844 May 16 j 09:17	30°♎♌		minimum elong	-3842 Oct 13 j 11:34	21°♎26'33	0°47'49	
desc. node	-3844 May 19 j 02:31	28°♌22'14		max. Earth dist.	-3842 Oct 15 j 20:51	24°♎27'08	1.70902 AU	
inferior conj	-3844 May 20 j 11:50	27°♌30'53	0°-19'-21		-3842 Oct 20 j 06:29	0°♏		
minimum elong	-3844 May 20 j 11:07	27°♌31'59	0°19'06	desc. node	-3842 Nov 03 j 22:24	18°♏26'37		
min. Earth dist.	-3844 May 21 j 02:43	27°♌07'52	0.28700 AU		-3842 Nov 13 j 03:24	0°♐		
morning rise	-3844 May 26 j 20:25	23°♌43'41		evening rise	-3842 Nov 24 j 15:10	14°♐23'07		
direct	-3844 Jun 11 j 04:32	19°♌14'50			-3842 Dec 07 j 03:25	0°♑		
greatest brilliancy	-3844 Jun 25 j 20:17	22°♌57'42	-4.5m		-3842 Dec 31 j 07:11	0°♑		
	-3844 Jul 07 j 11:12	0°♒			-3841 Jan 24 j 16:10	0°♊		
morning max el	-3844 Jul 30 j 19:16	20°♒15'02	46°21'35		-3841 Feb 18 j 09:15	0°♋		
	-3844 Aug 09 j 09:20	0°♂		asc. node	-3841 Feb 24 j 17:57	7°♋38'02		
	-3844 Sep 05 j 10:32	0°♌			-3841 Mar 15 j 14:48	0°♌		
asc. node	-3844 Sep 09 j 00:20	4°♌09'40			-3841 Apr 10 j 16:08	0°♍		
	-3844 Sep 30 j 16:16	0°♍			-3841 May 08 j 06:05	0°♎		
	-3844 Oct 25 j 03:13	0°♎		evening max el	-3841 May 23 j 08:01	15°♎05'27	45°36'08	
	-3844 Nov 18 j 07:16	0°♏			-3841 Jun 09 j 05:45	0°♌		
	-3844 Dec 12 j 10:42	0°♐		desc. node	-3841 Jun 16 j 14:07	5°♌26'50		
desc. node	-3844 Dec 29 j 20:41	21°♐34'46		greatest brilliancy	-3841 Jun 30 j 04:37	12°♌50'32	-4.5m	
	-3843 Jan 05 j 16:05	0°♑		retrograde	-3841 Jul 11 j 09:13	15°♌04'12		
	-3843 Jan 29 j 23:38	0°♑		evening set	-3841 Jul 28 j 13:13	9°♌34'13		
morning set	-3843 Feb 04 j 15:14	6°♑57'34		inferior conj	-3841 Aug 01 j 08:03	7°♌19'17	-8°-25'-28	
	-3843 Feb 23 j 08:44	0°♊		minimum elong	-3841 Aug 01 j 01:33	7°♌29'06	8°24'42	
				min. Earth dist.	-3841 Aug 01 j 15:46	7°♌07'38	0.27486 AU	
superior conj	-3843 Mar 14 j 12:04	23°♊31'08	-1°-13'-17	morning rise	-3841 Aug 04 j 13:42	5°♌23'10		
minimum elong	-3843 Mar 14 j 19:39	23°♊54'26	1°13'14		-3841 Aug 17 j 04:20	30°♒♂		
max. Earth dist.	-3843 Mar 14 j 22:55	24°♊04'28	1.73598 AU	direct	-3841 Aug 22 j 08:13	29°♂27'33		
	-3843 Mar 19 j 18:45	0°♋			-3841 Aug 27 j 14:33	0°♌		
	-3843 Apr 13 j 05:23	0°♌		greatest brilliancy	-3841 Sep 05 j 05:39	2°♌58'28	-4.6m	
evening rise	-3843 Apr 19 j 22:50	8°♌15'03		asc. node	-3841 Oct 07 j 11:45	28°♌10'45		
asc. node	-3843 Apr 21 j 16:29	10°♌22'45			-3841 Oct 09 j 07:40	0°♍		
greatest brilliancy	-3843 Apr 24 j 20:31	14°♌15'51	-3.9m	morning max el	-3841 Oct 12 j 02:49	2°♍50'00	46°51'35	
	-3843 May 07 j 16:27	0°♍			-3841 Nov 06 j 00:37	0°♎		
	-3843 Jun 01 j 04:02	0°♎			-3841 Dec 01 j 16:16	0°♏		
	-3843 Jun 25 j 16:51	0°♌			-3841 Dec 26 j 16:22	0°♐		
	-3843 Jul 20 j 08:42	0°♍			-3840 Jan 20 j 11:47	0°♑		
desc. node	-3843 Aug 11 j 11:33	26°♍39'15		desc. node	-3840 Jan 27 j 08:35	8°♑19'10		
	-3843 Aug 14 j 06:43	0°♎			-3840 Feb 14 j 05:45	0°♑		
	-3843 Sep 08 j 16:38	0°♏			-3840 Mar 09 j 22:32	0°♊		
	-3843 Oct 05 j 04:34	0°♐			-3840 Apr 03 j 13:34	0°♋		
evening max el	-3843 Oct 18 j 18:32	14°♐23'51	47°29'42	morning set	-3840 Apr 14 j 16:31	13°♋35'09		
	-3843 Nov 04 j 00:56	0°♑			-3840 Apr 28 j 02:11	0°♌		
greatest brilliancy	-3843 Nov 25 j 08:01	15°♑03'50	-4.7m	max. Earth dist.	-3840 May 17 j 08:01	23°♌38'39	1.73406 AU	
asc. node	-3843 Dec 02 j 08:36	17°♑41'11		asc. node	-3840 May 19 j 04:53	25°♌56'50		
retrograde	-3843 Dec 08 j 22:55	18°♑33'19						
evening set	-3843 Dec 24 j 14:28	13°♑37'24		superior conj	-3840 May 20 j 12:31	27°♌34'16	0°03'08	
min. Earth dist.	-3843 Dec 28 j 20:37	11°♑01'04	0.27742 AU	minimum elong	-3840 May 20 j 11:53	27°♌32'19	0°03'11	
inferior conj	-3843 Dec 29 j 22:31	10°♑20'00	6°06'06	behind sun begin	-3840 May 19 j 14:10	26°♌25'25		
minimum elong	-3843 Dec 29 j 13:10	10°♑34'51	6°04'00	behind sun end	-3840 May 21 j 09:36	28°♌39'15		
morning rise	-3842 Jan 03 j 12:29	7°♑30'05			-3840 May 22 j 11:48	0°♍		
direct	-3842 Jan 19 j 15:42	2°♑21'24			-3840 Jun 15 j 18:15	0°♎		
greatest brilliancy	-3842 Jan 30 j 08:03	4°♑26'55	-4.6m	evening rise	-3840 Jun 25 j 04:20	11°♎41'05		
	-3842 Mar 06 j 20:06	0°♑			-3840 Jul 09 j 22:08	0°♌		
morning max el	-3842 Mar 09 j 14:56	2°♑38'22	45°58'39		-3840 Aug 03 j 00:59	0°♍		
desc. node	-3842 Mar 24 j 05:42	17°♑15'36			-3840 Aug 27 j 04:46	0°♎		
	-3842 Apr 05 j 06:32	0°♊		desc. node	-3840 Sep 07 j 23:43	14°♎35'28		
	-3842 May 02 j 05:18	0°♋			-3840 Sep 20 j 11:33	0°♏		
	-3842 May 28 j 01:11	0°♌			-3840 Oct 14 j 23:43	0°♐		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3840 Nov 08 j 22:06	0°♊				-3837 Jun 07 j 07:28	0°♋		
	-3840 Dec 04 j 18:53	0°♌			asc. node	-3837 Jun 16 j 16:59	11°♌34'19		
evening max el	-3840 Dec 28 j 18:08	25°♌39'44	46°14'13		morning set	-3837 Jun 21 j 13:50	17°♌35'19		
asc. node	-3840 Dec 29 j 20:13	26°♌44'48				-3837 Jul 01 j 14:07	0°♍		
	-3839 Jan 02 j 03:53	0°♎			max. Earth dist.	-3837 Jul 24 j 09:03	28°♍25'38	1.71811 AU	
greatest brilliancy	-3839 Feb 01 j 10:42	23°♎28'22	-4.5m			-3837 Jul 25 j 15:12	0°♏		
retrograde	-3839 Feb 16 j 11:00	27°♎28'20							
evening set	-3839 Mar 05 j 21:50	21°♎34'47			superior conj	-3837 Jul 28 j 10:24	3°♏30'30	1°17'28	
inferior conj	-3839 Mar 09 j 20:38	19°♎05'52	7°33'27		minimum elong	-3837 Jul 28 j 03:44	3°♏09'36	1°17'31	
minimum elong	-3839 Mar 10 j 03:17	18°♎55'14	7°32'36			-3837 Aug 18 j 12:49	0°♐		
min. Earth dist.	-3839 Mar 10 j 00:36	18°♎59'33	0.29312 AU		evening rise	-3837 Sep 04 j 20:02	21°♐45'24		
morning rise	-3839 Mar 14 j 08:55	16°♎17'00				-3837 Sep 11 j 09:27	0°♑		
direct	-3839 Mar 31 j 13:17	10°♎40'24				-3837 Oct 05 j 07:15	0°♒		
greatest brilliancy	-3839 Apr 13 j 06:36	13°♎32'13	-4.5m		desc. node	-3837 Oct 06 j 12:10	1°♒30'28		
desc. node	-3839 Apr 20 j 17:09	17°♎21'48				-3837 Oct 29 j 07:46	0°♓		
	-3839 May 07 j 20:09	0°♈				-3837 Nov 22 j 12:23	0°♊		
morning max el	-3839 May 19 j 10:27	10°♈31'00	45°50'32			-3837 Dec 16 j 23:49	0°♌		
	-3839 Jun 07 j 16:29	0°♉				-3836 Jan 10 j 23:46	0°♍		
	-3839 Jul 04 j 18:24	0°♊			asc. node	-3836 Jan 27 j 07:57	19°♍02'34		
	-3839 Jul 30 j 07:22	0°♋				-3836 Feb 06 j 00:04	0°♈		
asc. node	-3839 Aug 11 j 14:49	14°♋52'43				-3836 Mar 05 j 06:32	0°♉		
	-3839 Aug 23 j 22:58	0°♌			evening max el	-3836 Mar 09 j 12:35	4°♉07'59	45°10'34	
	-3839 Sep 17 j 01:51	0°♍				-3836 Apr 12 j 17:24	0°♊		
	-3839 Oct 10 j 22:36	0°♎			greatest brilliancy	-3836 Apr 12 j 22:11	0°♊05'26	-4.5m	
	-3839 Nov 03 j 18:14	0°♏			retrograde	-3836 Apr 26 j 17:50	3°♊24'47		
morning set	-3839 Nov 18 j 04:50	18°♏09'02				-3836 May 10 j 01:52	30°♋		
	-3839 Nov 27 j 15:42	0°♐			evening set	-3836 May 11 j 17:45	29°♋08'51		
desc. node	-3839 Dec 01 j 10:35	4°♐44'28			inferior conj	-3836 May 18 j 03:57	25°♋22'03	0°00'22	
	-3839 Dec 21 j 16:06	0°♑			minimum elong	-3836 May 18 j 03:58	25°♋22'01	0°00'26	
					transit middle	-3836 May 18 j 03:58	25°♋22'01	0°00'26	
superior conj	-3839 Dec 30 j 05:36	10°♑39'21	-1°00'-6		transit begin	-3836 May 17 j 23:53	25°♋28'20		
minimum elong	-3839 Dec 29 j 18:31	10°♑04'53	0°59'54		transit end	-3836 May 18 j 08:02	25°♋15'43		
max. Earth dist.	-3838 Jan 03 j 15:23	16°♑08'05	1.72221 AU		desc. node	-3836 May 18 j 04:35	25°♋21'03		
	-3838 Jan 14 j 19:30	0°♒			min. Earth dist.	-3836 May 18 j 19:13	24°♋58'27	0.28742 AU	
evening rise	-3838 Feb 07 j 21:54	29°♒47'32			morning rise	-3836 May 24 j 13:23	21°♋33'44		
	-3838 Feb 08 j 01:57	0°♓			direct	-3836 Jun 08 j 20:41	17°♋05'03		
	-3838 Mar 04 j 11:54	0°♈			greatest brilliancy	-3836 Jun 23 j 13:50	20°♋49'24	-4.5m	
asc. node	-3838 Mar 24 j 06:19	24°♈07'41				-3836 Jul 08 j 02:00	0°♉		
	-3838 Mar 29 j 02:17	0°♉			morning max el	-3836 Jul 28 j 11:02	18°♉01'43	46°20'11	
	-3838 Apr 22 j 22:18	0°♊				-3836 Aug 09 j 04:09	0°♋		
	-3838 May 18 j 01:45	0°♋				-3836 Sep 05 j 01:21	0°♌		
	-3838 Jun 12 j 16:33	0°♌			asc. node	-3836 Sep 08 j 02:31	3°♌33'35		
	-3838 Jul 09 j 04:23	0°♍				-3836 Sep 30 j 05:28	0°♍		
desc. node	-3838 Jul 14 j 01:39	5°♍21'19				-3836 Oct 24 j 15:35	0°♎		
evening max el	-3838 Aug 05 j 01:34	28°♍18'26	47°03'14			-3836 Nov 17 j 19:07	0°♏		
	-3838 Aug 06 j 18:57	0°♎				-3836 Dec 11 j 22:11	0°♐		
greatest brilliancy	-3838 Sep 13 j 15:35	28°♎23'37	-4.7m		desc. node	-3836 Dec 28 j 22:42	21°♐06'03		
	-3838 Sep 19 j 03:21	0°♏				-3835 Jan 05 j 03:17	0°♑		
retrograde	-3838 Sep 24 j 08:40	0°♏31'44				-3835 Jan 29 j 10:37	0°♒		
	-3838 Sep 29 j 11:08	30°♑			morning set	-3835 Feb 02 j 05:11	4°♒39'03		
evening set	-3838 Oct 09 j 21:28	25°♑48'46				-3835 Feb 22 j 19:32	0°♓		
inferior conj	-3838 Oct 14 j 21:58	22°♑49'43	-4°-54'-9						
minimum elong	-3838 Oct 15 j 07:36	22°♑35'00	4°51'31		superior conj	-3835 Mar 12 j 05:29	21°♑24'19	-1°-14'-46	
min. Earth dist.	-3838 Oct 14 j 23:28	22°♑47'27	0.26382 AU		minimum elong	-3835 Mar 12 j 12:44	21°♑46'37	1°14'44	
morning rise	-3838 Oct 20 j 17:46	19°♑24'50			max. Earth dist.	-3835 Mar 12 j 18:06	22°♑03'04	1.73573 AU	
asc. node	-3838 Nov 03 j 23:13	15°♑15'37				-3835 Mar 19 j 05:27	0°♈		
direct	-3838 Nov 04 j 04:07	15°♑15'34				-3835 Apr 12 j 16:05	0°♉		
greatest brilliancy	-3838 Nov 16 j 02:44	17°♑56'29	-4.7m		evening rise	-3835 Apr 17 j 17:58	6°♉13'43		
	-3838 Dec 04 j 18:57	0°♒			asc. node	-3835 Apr 20 j 18:42	9°♉56'39		
morning max el	-3838 Dec 24 j 10:55	18°♒06'48	46°36'28		greatest brilliancy	-3835 Apr 24 j 17:21	14°♉46'48	-3.9m	
	-3837 Jan 04 j 22:47	0°♓				-3835 May 07 j 03:17	0°♊		
	-3837 Feb 01 j 03:38	0°♊				-3835 May 31 j 15:09	0°♋		
desc. node	-3837 Feb 23 j 20:19	26°♊04'45				-3835 Jun 25 j 04:26	0°♌		
	-3837 Feb 27 j 05:10	0°♋				-3835 Jul 19 j 20:59	0°♍		
	-3837 Mar 24 j 17:45	0°♌			desc. node	-3835 Aug 10 j 13:36	26°♍05'58		
	-3837 Apr 18 j 21:38	0°♈				-3835 Aug 13 j 20:03	0°♎		
	-3837 May 13 j 18:07	0°♉				-3835 Sep 08 j 07:45	0°♏		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3835 Oct 04 j 23:23	0°♌				-3832 Apr 03 j 00:26	0°♏	
evening max el	-3835 Oct 16 j 09:49	12°♌03'25	47°30'59		morning set	-3832 Apr 12 j 11:10	11°♏32'31	
	-3835 Nov 04 j 09:34	0°♏				-3832 Apr 27 j 12:55	0°♏	
greatest brilliancy	-3835 Nov 23 j 00:09	12°♏43'46	-4.7m		max. Earth dist.	-3832 May 15 j 04:09	21°♏39'58	1.73439 AU
asc. node	-3835 Dec 01 j 10:39	15°♏40'21						
retrograde	-3835 Dec 06 j 14:32	16°♏12'42			superior conj	-3832 May 18 j 07:27	25°♏31'46	0°00'03
evening set	-3835 Dec 22 j 02:37	11°♏20'47			minimum elong	-3832 May 18 j 07:26	25°♏31'42	0°00'07
min. Earth dist.	-3835 Dec 26 j 10:57	8°♏41'44	0.27664 AU		behind sun begin	-3832 May 17 j 09:43	24°♏24'50	
inferior conj	-3835 Dec 27 j 13:14	8°♏00'10	5°51'21		behind sun end	-3832 May 19 j 05:08	26°♏38'34	
minimum elong	-3835 Dec 27 j 03:53	8°♏14'59	5°49'09		asc. node	-3832 May 18 j 06:54	25°♏30'03	
morning rise	-3834 Jan 01 j 05:49	5°♏06'58				-3832 May 21 j 22:31	0°♏	
direct	-3834 Jan 17 j 05:46	0°♏02'42				-3832 Jun 15 j 05:02	0°♏	
greatest brilliancy	-3834 Jan 27 j 21:48	2°♏08'40	-4.6m		evening rise	-3832 Jun 22 j 22:52	9°♏35'57	
	-3834 Mar 06 j 19:39	0°♏				-3832 Jul 09 j 09:06	0°♏	
morning max el	-3834 Mar 07 j 06:31	0°♏25'59	45°59'41			-3832 Aug 02 j 12:13	0°♏	
desc. node	-3834 Mar 23 j 07:57	16°♏34'05				-3832 Aug 26 j 16:22	0°♏	
	-3834 Apr 04 j 22:33	0°♏			desc. node	-3832 Sep 07 j 01:57	14°♏06'00	
	-3834 May 01 j 18:41	0°♏				-3832 Sep 19 j 23:37	0°♏	
	-3834 May 27 j 13:19	0°♏				-3832 Oct 14 j 12:27	0°♏	
	-3834 Jun 21 j 15:16	0°♏				-3832 Nov 08 j 11:58	0°♏	
asc. node	-3834 Jul 14 j 05:02	27°♏33'57				-3832 Dec 04 j 11:09	0°♏	
	-3834 Jul 16 j 04:25	0°♏			evening max el	-3832 Dec 26 j 09:27	23°♏24'06	46°17'09
	-3834 Aug 09 j 07:44	0°♏			asc. node	-3832 Dec 28 j 22:18	25°♏55'16	
greatest brilliancy	-3834 Aug 16 j 01:55	8°♏28'07	-3.9m			-3831 Jan 02 j 03:37	0°♏	
morning set	-3834 Aug 31 j 08:27	27°♏40'42			greatest brilliancy	-3831 Jan 30 j 05:24	21°♏21'37	-4.5m
	-3834 Sep 02 j 04:39	0°♏			retrograde	-3831 Feb 14 j 03:43	25°♏19'48	
	-3834 Sep 25 j 22:53	0°♏			evening set	-3831 Mar 03 j 16:39	19°♏23'38	
					inferior conj	-3831 Mar 07 j 13:36	16°♏57'16	7°40'56
superior conj	-3834 Oct 10 j 10:22	18°♏16'34	0°51'25		minimum elong	-3831 Mar 07 j 19:46	16°♏47'25	7°40'12
minimum elong	-3834 Oct 10 j 21:27	18°♏51'32	0°51'02		min. Earth dist.	-3831 Mar 07 j 16:32	16°♏52'34	0.29294 AU
max. Earth dist.	-3834 Oct 13 j 03:27	21°♏41'49	1.70893 AU		morning rise	-3831 Mar 11 j 23:02	14°♏12'18	
	-3834 Oct 19 j 17:33	0°♏			direct	-3831 Mar 29 j 05:44	8°♏32'19	
desc. node	-3834 Nov 03 j 00:29	17°♏58'22			greatest brilliancy	-3831 Apr 10 j 19:56	11°♏20'29	-4.5m
	-3834 Nov 12 j 14:31	0°♏			desc. node	-3831 Apr 19 j 19:12	16°♏04'58	
evening rise	-3834 Nov 22 j 00:08	11°♏46'22				-3831 May 07 j 23:54	0°♏	
	-3834 Dec 06 j 14:34	0°♏			morning max el	-3831 May 17 j 01:30	8°♏19'16	45°50'04
	-3834 Dec 30 j 18:23	0°♏				-3831 Jun 07 j 09:24	0°♏	
	-3833 Jan 24 j 03:33	0°♏				-3831 Jul 04 j 08:16	0°♏	
	-3833 Feb 17 j 21:03	0°♏				-3831 Jul 29 j 19:53	0°♏	
asc. node	-3833 Feb 23 j 20:10	7°♏08'55			asc. node	-3831 Aug 10 j 16:56	14°♏22'10	
	-3833 Mar 15 j 03:29	0°♏				-3831 Aug 23 j 10:49	0°♏	
	-3833 Apr 10 j 06:36	0°♏				-3831 Sep 16 j 13:21	0°♏	
	-3833 May 08 j 00:48	0°♏				-3831 Oct 10 j 09:55	0°♏	
evening max el	-3833 May 20 j 23:10	12°♏51'38	45°33'52			-3831 Nov 03 j 05:26	0°♏	
	-3833 Jun 09 j 18:56	0°♏			morning set	-3831 Nov 15 j 14:47	15°♏34'38	
desc. node	-3833 Jun 15 j 16:10	4°♏09'20				-3831 Nov 27 j 02:48	0°♏	
greatest brilliancy	-3833 Jun 27 j 15:45	10°♏29'10	-4.5m		desc. node	-3831 Nov 30 j 12:37	4°♏16'03	
retrograde	-3833 Jul 08 j 22:26	12°♏44'09				-3831 Dec 21 j 03:09	0°♏	
evening set	-3833 Jul 25 j 22:50	7°♏19'44						
inferior conj	-3833 Jul 29 j 21:32	4°♏58'55	-8°-17'-23		superior conj	-3831 Dec 27 j 16:53	8°♏10'55	0°-57'-27
minimum elong	-3833 Jul 29 j 14:21	5°♏09'48	8°16'29		minimum elong	-3831 Dec 27 j 05:47	7°♏36'22	0°57'12
min. Earth dist.	-3833 Jul 30 j 04:44	4°♏48'00	0.27529 AU		max. Earth dist.	-3830 Jan 01 j 05:54	13°♏49'48	1.72164 AU
morning rise	-3833 Aug 02 j 05:42	2°♏58'55				-3830 Jan 14 j 06:31	0°♏	
	-3833 Aug 07 j 20:41	30°♏			evening rise	-3830 Feb 05 j 12:22	27°♏30'12	
direct	-3833 Aug 19 j 22:52	27°♏06'41				-3830 Feb 07 j 12:57	0°♏	
	-3833 Sep 01 j 11:30	0°♏				-3830 Mar 03 j 23:00	0°♏	
greatest brilliancy	-3833 Sep 02 j 19:43	0°♏36'42	-4.6m		asc. node	-3830 Mar 23 j 08:27	23°♏40'00	
asc. node	-3833 Oct 06 j 13:59	27°♏16'58				-3830 Mar 28 j 13:37	0°♏	
	-3833 Oct 09 j 06:34	0°♏				-3830 Apr 22 j 10:06	0°♏	
morning max el	-3833 Oct 09 j 16:21	0°♏24'58	46°50'58			-3830 May 17 j 14:25	0°♏	
	-3833 Nov 05 j 17:03	0°♏				-3830 Jun 12 j 06:45	0°♏	
	-3833 Dec 01 j 06:22	0°♏				-3830 Jul 08 j 21:33	0°♏	
	-3833 Dec 26 j 05:15	0°♏			desc. node	-3830 Jul 13 j 03:47	4°♏38'25	
	-3832 Jan 19 j 23:53	0°♏			evening max el	-3830 Aug 02 j 13:20	25°♏50'04	47°00'26
desc. node	-3832 Jan 26 j 10:40	7°♏49'17				-3830 Aug 06 j 20:13	0°♏	
	-3832 Feb 13 j 17:17	0°♏			greatest brilliancy	-3830 Sep 11 j 06:14	25°♏56'06	-4.7m
	-3832 Mar 09 j 09:40	0°♏			retrograde	-3830 Sep 21 j 20:07	28°♏01'33	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening set	-3830 Oct 07 j 12:37	23° \cap 14'34		minimum elong	-3827 Mar 10 j 05:39	19° \approx 37'27	1°16'08
inferior conj	-3830 Oct 12 j 10:07	20° \cap 20'12	-5°-14'-26	max. Earth dist.	-3827 Mar 10 j 15:04	20° \approx 06'22	1.73552 AU
minimum elong	-3830 Oct 12 j 20:08	20° \cap 04'55	5°11'47		-3827 Mar 18 j 16:24	0° H	
min. Earth dist.	-3830 Oct 12 j 13:05	20° \cap 15'39	0.26391 AU		-3827 Apr 12 j 03:05	0° γ	
morning rise	-3830 Oct 18 j 03:33	16° \cap 58'28		evening rise	-3827 Apr 15 j 12:57	4° γ 10'58	
direct	-3830 Nov 01 j 15:49	12° \cap 45'45		asc. node	-3827 Apr 19 j 20:41	9° γ 28'55	
asc. node	-3830 Nov 03 j 01:11	12° \cap 48'05		greatest brilliancy	-3827 Apr 25 j 04:44	16° γ 01'18	-3.9m
greatest brilliancy	-3830 Nov 13 j 17:49	15° \cap 29'53	-4.7m		-3827 May 06 j 14:28	0° B	
	-3830 Dec 05 j 06:35	0° $\underline{\text{A}}$			-3827 May 31 j 02:39	0° II	
morning max el	-3830 Dec 21 j 23:32	15° $\underline{\text{A}}$ 39'44	46°37'44		-3827 Jun 24 j 16:25	0° C	
	-3829 Jan 04 j 18:04	0° M			-3827 Jul 19 j 09:39	0° D	
	-3829 Jan 31 j 18:48	0° J		desc. node	-3827 Aug 09 j 15:48	25° D 32'00	
desc. node	-3829 Feb 22 j 22:33	25° J 31'58			-3827 Aug 13 j 09:48	0° \cap	
	-3829 Feb 26 j 18:28	0° C			-3827 Sep 07 j 23:22	0° $\underline{\text{A}}$	
	-3829 Mar 24 j 06:01	0° \approx			-3827 Oct 04 j 19:02	0° M	
	-3829 Apr 18 j 09:17	0° H		evening max el	-3827 Oct 14 j 01:51	9° M 43'59	47°32'07
	-3829 May 13 j 05:21	0° γ			-3827 Nov 04 j 21:39	0° J	
	-3829 Jun 06 j 18:29	0° B		greatest brilliancy	-3827 Nov 20 j 16:43	10° J 23'09	-4.7m
asc. node	-3829 Jun 15 j 19:05	11° B 06'52		asc. node	-3827 Nov 30 j 12:50	13° J 33'32	
morning set	-3829 Jun 19 j 07:26	15° B 27'22		retrograde	-3827 Dec 04 j 06:17	13° J 50'34	
	-3829 Jul 01 j 01:04	0° II		evening set	-3827 Dec 19 j 14:50	9° J 02'46	
max. Earth dist.	-3829 Jul 22 j 01:39	26° II 12'55	1.71873 AU	min. Earth dist.	-3827 Dec 24 j 01:03	6° J 21'06	0.27584 AU
	-3829 Jul 25 j 02:12	0° C		inferior conj	-3827 Dec 25 j 03:49	5° J 38'51	5°35'48
				minimum elong	-3827 Dec 24 j 18:32	5° J 53'30	5°33'32
superior conj	-3829 Jul 26 j 02:19	1° C 15'29	1°16'06	morning rise	-3827 Dec 29 j 23:02	2° J 42'23	
minimum elong	-3829 Jul 25 j 19:11	0° C 53'10	1°16'08		-3826 Jan 04 j 06:44	30° R M	
	-3829 Aug 17 j 23:57	0° D		direct	-3826 Jan 14 j 20:03	27° M 42'49	
evening rise	-3829 Sep 02 j 08:07	19° D 17'16		greatest brilliancy	-3826 Jan 25 j 10:32	29° M 48'03	-4.6m
	-3829 Sep 10 j 20:44	0° \cap			-3826 Jan 25 j 23:04	0° J	
	-3829 Oct 04 j 18:42	0° $\underline{\text{A}}$		morning max el	-3826 Mar 04 j 21:57	28° J 12'20	46°00'42
desc. node	-3829 Oct 05 j 14:13	1° $\underline{\text{A}}$ 01'03			-3826 Mar 06 j 18:32	0° C	
	-3829 Oct 28 j 19:24	0° M		desc. node	-3826 Mar 22 j 10:01	15° C 51'48	
	-3829 Nov 22 j 00:17	0° J			-3826 Apr 04 j 14:36	0° \approx	
	-3829 Dec 16 j 12:10	0° C			-3826 May 01 j 08:17	0° H	
	-3828 Jan 10 j 13:00	0° \approx			-3826 May 27 j 01:45	0° γ	
asc. node	-3828 Jan 26 j 10:08	18° \approx 27'53			-3826 Jun 21 j 03:06	0° B	
	-3828 Feb 05 j 15:20	0° H		asc. node	-3826 Jul 13 j 07:14	27° B 05'13	
	-3828 Mar 05 j 03:43	0° γ			-3826 Jul 15 j 15:55	0° II	
evening max el	-3828 Mar 07 j 03:56	1° γ 56'18	45°11'26		-3826 Aug 08 j 19:05	0° C	
greatest brilliancy	-3828 Apr 10 j 11:07	27° γ 52'32	-4.5m	greatest brilliancy	-3826 Aug 16 j 12:44	9° C 41'47	-3.9m
	-3828 Apr 16 j 02:56	0° B		morning set	-3826 Aug 28 j 21:34	25° C 15'13	
retrograde	-3828 Apr 24 j 10:14	1° B 15'28			-3826 Sep 01 j 15:57	0° D	
	-3828 May 02 j 10:05	30° R γ			-3826 Sep 25 j 10:11	0° \cap	
evening set	-3828 May 09 j 10:31	26° γ 57'41					
inferior conj	-3828 May 15 j 19:53	23° γ 11'44	0°20'10	superior conj	-3826 Oct 07 j 20:05	15° \cap 40'03	0°54'29
minimum elong	-3828 May 15 j 20:38	23° γ 10'35	0°20'01	minimum elong	-3826 Oct 08 j 07:21	16° \cap 15'35	0°54'07
min. Earth dist.	-3828 May 16 j 11:18	22° γ 47'55	0.28783 AU	max. Earth dist.	-3826 Oct 10 j 09:35	18° \cap 54'00	1.70881 AU
desc. node	-3828 May 17 j 06:39	22° γ 18'05			-3826 Oct 19 j 04:55	0° $\underline{\text{A}}$	
morning rise	-3828 May 22 j 06:03	19° γ 22'35		desc. node	-3826 Nov 02 j 02:28	17° $\underline{\text{A}}$ 28'53	
direct	-3828 Jun 06 j 13:05	14° γ 53'56			-3826 Nov 12 j 01:55	0° M	
greatest brilliancy	-3828 Jun 21 j 06:52	18° γ 39'27	-4.5m	evening rise	-3826 Nov 19 j 09:01	9° M 08'16	
	-3828 Jul 08 j 13:33	0° B			-3826 Dec 06 j 02:01	0° J	
morning max el	-3828 Jul 26 j 03:25	15° B 49'13	46°18'51		-3826 Dec 30 j 05:54	0° C	
	-3828 Aug 08 j 22:47	0° II			-3825 Jan 23 j 15:16	0° \approx	
	-3828 Sep 04 j 16:12	0° C			-3825 Feb 17 j 09:13	0° H	
asc. node	-3828 Sep 07 j 04:44	2° C 57'11		asc. node	-3825 Feb 22 j 22:19	6° H 38'34	
	-3828 Sep 29 j 18:46	0° D			-3825 Mar 14 j 16:33	0° γ	
	-3828 Oct 24 j 04:05	0° \cap			-3825 Apr 09 j 21:34	0° B	
	-3828 Nov 17 j 07:09	0° $\underline{\text{A}}$			-3825 May 07 j 20:27	0° II	
	-3828 Dec 11 j 09:53	0° M		evening max el	-3825 May 18 j 13:34	10° II 34'54	45°31'24
desc. node	-3828 Dec 28 j 00:50	20° M 37'04			-3825 Jun 10 j 13:23	0° C	
	-3827 Jan 04 j 14:43	0° J		desc. node	-3825 Jun 14 j 18:19	2° C 47'58	
	-3827 Jan 28 j 21:49	0° C		greatest brilliancy	-3825 Jun 25 j 03:37	8° C 07'05	-4.5m
morning set	-3827 Jan 30 j 19:09	2° C 19'45		retrograde	-3825 Jul 06 j 10:54	10° C 22'27	
	-3827 Feb 22 j 06:33	0° \approx		evening set	-3825 Jul 23 j 08:12	5° C 03'48	
				inferior conj	-3825 Jul 27 j 10:53	2° C 37'03	-8°-8'-29
superior conj	-3827 Mar 09 j 22:47	19° \approx 16'20	-1°-16'-9	minimum elong	-3825 Jul 27 j 03:04	2° C 48'54	8°07'24

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

min. Earth dist.	-3825 Jul 27 j 18:04	2°☿26'08	0.27573 AU	max. Earth dist.	-3823 Dec 29 j 18:10	11°♂23'52	1.72100 AU
morning rise	-3825 Jul 30 j 21:43	0°☿32'49			-3822 Jan 13 j 17:42	0°♂	
	-3825 Jul 31 j 20:27	30°♂11'44		evening rise	-3822 Feb 03 j 02:39	25°♂11'44	
direct	-3825 Aug 17 j 12:53	24°♂44'06			-3822 Feb 07 j 00:08	0°♂	
greatest brilliancy	-3825 Aug 31 j 10:07	28°♂13'41	-4.6m		-3822 Mar 03 j 10:15	0°♂	
	-3825 Sep 03 j 20:07	0°♂		asc. node	-3822 Mar 22 j 10:28	23°♂11'23	
asc. node	-3825 Oct 05 j 16:00	26°♂22'16			-3822 Mar 28 j 01:07	0°♂	
morning max el	-3825 Oct 07 j 04:56	27°♂56'08	46°50'31		-3822 Apr 21 j 22:05	0°♂	
	-3825 Oct 09 j 05:06	0°♂			-3822 May 17 j 03:17	0°♂	
	-3825 Nov 05 j 09:37	0°♂			-3822 Jun 11 j 21:11	0°♂	
	-3825 Nov 30 j 20:39	0°♂			-3822 Jul 08 j 15:10	0°♂	
	-3825 Dec 25 j 18:20	0°♂		desc. node	-3822 Jul 12 j 05:59	3°♂54'54	
	-3824 Jan 19 j 12:13	0°♂		evening max el	-3822 Jul 31 j 00:57	23°♂21'21	46°57'31
desc. node	-3824 Jan 25 j 12:50	7°♂18'53			-3822 Aug 06 j 22:58	0°♂	
	-3824 Feb 13 j 05:05	0°♂		greatest brilliancy	-3822 Sep 08 j 19:41	23°♂26'37	-4.7m
	-3824 Mar 08 j 21:05	0°♂		retrograde	-3822 Sep 19 j 07:46	25°♂30'40	
	-3824 Apr 02 j 11:36	0°♂		evening set	-3822 Oct 05 j 03:40	20°♂39'03	
morning set	-3824 Apr 10 j 05:56	9°♂29'18		inferior conj	-3822 Oct 09 j 22:03	17°♂49'34	-5°-34'-14
	-3824 Apr 26 j 23:56	0°♂		minimum elong	-3822 Oct 10 j 08:23	17°♂33'50	5°31'33
max. Earth dist.	-3824 May 13 j 00:19	19°♂40'34	1.73472 AU	min. Earth dist.	-3822 Oct 10 j 02:18	17°♂43'06	0.26410 AU
				morning rise	-3822 Oct 15 j 12:58	14°♂31'36	
superior conj	-3824 May 16 j 02:36	23°♂29'09	0°-3'00	direct	-3822 Oct 30 j 03:43	10°♂14'37	
minimum elong	-3824 May 16 j 03:10	23°♂30'53	0°02'56	asc. node	-3822 Nov 02 j 03:25	10°♂25'23	
behind sun begin	-3824 May 15 j 05:25	22°♂23'56		greatest brilliancy	-3822 Nov 11 j 08:57	13°♂02'24	-4.7m
behind sun end	-3824 May 17 j 00:54	24°♂37'49			-3822 Dec 05 j 15:37	0°♂	
asc. node	-3824 May 17 j 09:02	25°♂02'51		morning max el	-3822 Dec 19 j 13:04	13°♂14'01	46°39'02
	-3824 May 21 j 09:30	0°♂			-3821 Jan 04 j 13:07	0°♂	
	-3824 Jun 14 j 16:08	0°♂			-3821 Jan 31 j 09:56	0°♂	
evening rise	-3824 Jun 20 j 17:35	7°♂30'35		desc. node	-3821 Feb 22 j 00:37	24°♂58'34	
	-3824 Jul 08 j 20:25	0°♂			-3821 Feb 26 j 07:46	0°♂	
	-3824 Aug 01 j 23:51	0°♂			-3821 Mar 23 j 18:16	0°♂	
	-3824 Aug 26 j 04:23	0°♂			-3821 Apr 17 j 20:54	0°♂	
desc. node	-3824 Sep 06 j 03:58	13°♂34'32			-3821 May 12 j 16:35	0°♂	
	-3824 Sep 19 j 12:06	0°♂			-3821 Jun 06 j 05:31	0°♂	
	-3824 Oct 14 j 01:37	0°♂		asc. node	-3821 Jun 14 j 21:17	10°♂39'45	
	-3824 Nov 08 j 02:17	0°♂		morning set	-3821 Jun 17 j 01:25	13°♂20'39	
	-3824 Dec 04 j 04:00	0°♂			-3821 Jun 30 j 12:02	0°♂	
evening max el	-3824 Dec 23 j 23:53	21°♂05'18	46°20'14	max. Earth dist.	-3821 Jul 19 j 18:12	24°♂00'14	1.71931 AU
asc. node	-3824 Dec 28 j 00:30	25°♂04'28					
	-3823 Jan 02 j 04:49	0°♂		superior conj	-3821 Jul 23 j 18:41	29°♂02'01	1°14'38
greatest brilliancy	-3823 Jan 27 j 23:12	19°♂12'51	-4.5m	minimum elong	-3821 Jul 23 j 11:09	28°♂38'27	1°14'38
retrograde	-3823 Feb 11 j 20:22	23°♂10'47			-3821 Jul 24 j 13:12	0°♂	
evening set	-3823 Mar 01 j 11:23	17°♂11'58			-3821 Aug 17 j 11:02	0°♂	
inferior conj	-3823 Mar 05 j 06:38	14°♂48'06	7°47'50	evening rise	-3821 Aug 30 j 20:45	16°♂51'00	
minimum elong	-3823 Mar 05 j 12:17	14°♂39'04	7°47'12		-3821 Sep 10 j 07:58	0°♂	
min. Earth dist.	-3823 Mar 05 j 08:44	14°♂44'44	0.29274 AU		-3821 Oct 04 j 06:08	0°♂	
morning rise	-3823 Mar 09 j 13:18	12°♂07'01		desc. node	-3821 Oct 04 j 16:15	0°♂31'38	
direct	-3823 Mar 26 j 21:48	6°♂23'29			-3821 Oct 28 j 07:05	0°♂	
greatest brilliancy	-3823 Apr 08 j 10:20	9°♂09'22	-4.5m		-3821 Nov 21 j 12:16	0°♂	
desc. node	-3823 Apr 18 j 21:16	14°♂49'41			-3821 Dec 16 j 00:37	0°♂	
	-3823 May 08 j 02:20	0°♂			-3820 Jan 10 j 02:22	0°♂	
morning max el	-3823 May 14 j 16:35	6°♂06'59	45°49'46	asc. node	-3820 Jan 25 j 12:17	17°♂52'46	
	-3823 Jun 07 j 02:12	0°♂			-3820 Feb 05 j 06:50	0°♂	
	-3823 Jul 03 j 22:11	0°♂		evening max el	-3820 Mar 04 j 20:06	29°♂46'47	45°12'35
	-3823 Jul 29 j 08:33	0°♂			-3820 Mar 05 j 01:37	0°♂	
asc. node	-3823 Aug 09 j 19:07	13°♂51'12		greatest brilliancy	-3820 Apr 08 j 00:55	25°♂41'23	-4.5m
	-3823 Aug 22 j 22:52	0°♂		retrograde	-3820 Apr 22 j 02:44	29°♂06'46	
	-3823 Sep 16 j 01:06	0°♂		evening set	-3820 May 07 j 03:37	24°♂47'14	
	-3823 Oct 09 j 21:31	0°♂		inferior conj	-3820 May 13 j 11:58	21°♂02'08	0°39'51
	-3823 Nov 02 j 16:55	0°♂		minimum elong	-3820 May 13 j 13:26	20°♂59'52	0°39'29
morning set	-3823 Nov 13 j 00:18	12°♂57'53		min. Earth dist.	-3820 May 14 j 03:18	20°♂38'25	0.28821 AU
	-3823 Nov 26 j 14:10	0°♂		desc. node	-3820 May 16 j 08:53	19°♂16'19	
desc. node	-3823 Nov 29 j 14:48	3°♂47'23		morning rise	-3820 May 19 j 22:40	17°♂12'17	
	-3823 Dec 20 j 14:24	0°♂		direct	-3820 Jun 04 j 05:57	12°♂43'41	
				greatest brilliancy	-3820 Jun 18 j 22:57	16°♂28'54	-4.5m
superior conj	-3823 Dec 25 j 03:46	5°♂40'28	0°-54'-37		-3820 Jul 08 j 21:55	0°♂	
minimum elong	-3823 Dec 24 j 16:42	5°♂06'02	0°54'22	morning max el	-3820 Jul 23 j 20:05	13°♂38'07	46°17'34

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3820 Aug 08 j 16:49	0°♈			-3817 Jan 23 j 02:40	0°♈	
	-3820 Sep 04 j 06:43	0°♉			-3817 Feb 16 j 21:06	0°♈	
asc. node	-3820 Sep 06 j 06:43	2°♉20'54		asc. node	-3817 Feb 22 j 00:19	6°♈08'38	
	-3820 Sep 29 j 07:48	0°♊			-3817 Mar 14 j 05:24	0°♉	
	-3820 Oct 23 j 16:21	0°♋			-3817 Apr 09 j 12:23	0°♊	
	-3820 Nov 16 j 18:58	0°♌			-3817 May 07 j 16:17	0°♋	
	-3820 Dec 10 j 21:26	0°♍		evening max el	-3817 May 16 j 03:20	8°♋17'48	45°29'11
desc. node	-3820 Dec 27 j 02:58	20°♍08'28			-3817 Jun 11 j 13:22	0°♌	
	-3819 Jan 04 j 02:01	0°♎		desc. node	-3817 Jun 13 j 20:28	1°♌25'16	
morning set	-3819 Jan 28 j 08:42	29°♎59'24		greatest brilliancy	-3817 Jun 22 j 15:46	5°♌46'55	-4.5m
	-3819 Jan 28 j 08:54	0°♏		retrograde	-3817 Jul 03 j 23:23	8°♌02'57	
	-3819 Feb 21 j 17:27	0°♐		evening set	-3817 Jul 20 j 17:46	2°♌49'46	
				inferior conj	-3817 Jul 25 j 00:29	0°♌17'16	-7°-58'-45
superior conj	-3819 Mar 07 j 15:41	17°♐07'28	-1°-17'-26	minimum elong	-3817 Jul 24 j 16:07	0°♌29'59	7°57'30
minimum elong	-3819 Mar 07 j 22:07	17°♐27'14	1°17'26		-3817 Jul 25 j 11:51	30°♌	
max. Earth dist.	-3819 Mar 08 j 12:50	18°♐12'27	1.73524 AU	min. Earth dist.	-3817 Jul 25 j 08:00	0°♌05'51	0.27618 AU
	-3819 Mar 18 j 03:13	0°♑		morning rise	-3817 Jul 28 j 14:11	28°♌08'37	
	-3819 Apr 11 j 13:55	0°♒		direct	-3817 Aug 15 j 02:42	22°♌23'20	
evening rise	-3819 Apr 13 j 07:42	2°♒08'06		greatest brilliancy	-3817 Aug 29 j 01:38	25°♌53'45	-4.6m
asc. node	-3819 Apr 18 j 22:51	9°♒02'16			-3817 Sep 05 j 07:58	0°♍	
greatest brilliancy	-3819 Apr 25 j 21:11	17°♒31'48	-3.9m	morning max el	-3817 Oct 04 j 17:30	25°♍28'26	46°50'02
	-3819 May 06 j 01:29	0°♎		asc. node	-3817 Oct 04 j 18:12	25°♍30'13	
	-3819 May 30 j 13:59	0°♏			-3817 Oct 09 j 02:23	0°♎	
	-3819 Jun 24 j 04:14	0°♐			-3817 Nov 05 j 01:32	0°♏	
	-3819 Jul 18 j 22:11	0°♑			-3817 Nov 30 j 10:26	0°♐	
desc. node	-3819 Aug 08 j 17:51	24°♑05'04			-3817 Dec 25 j 06:57	0°♑	
	-3819 Aug 12 j 23:26	0°♒			-3816 Jan 19 j 00:04	0°♑	
	-3819 Sep 07 j 14:54	0°♓		desc. node	-3816 Jan 24 j 14:53	6°♑49'31	
	-3819 Oct 04 j 14:51	0°♔			-3816 Feb 12 j 16:25	0°♒	
evening max el	-3819 Oct 11 j 18:10	7°♔26'20	47°33'05		-3816 Mar 08 j 08:04	0°♓	
	-3819 Nov 05 j 13:05	0°♑			-3816 Apr 01 j 22:23	0°♔	
greatest brilliancy	-3819 Nov 18 j 10:05	8°♑04'41	-4.7m	morning set	-3816 Apr 08 j 00:39	7°♔27'00	
asc. node	-3819 Nov 29 j 14:59	11°♑22'47			-3816 Apr 26 j 10:36	0°♒	
retrograde	-3819 Dec 01 j 21:58	11°♑29'15		max. Earth dist.	-3816 May 10 j 20:26	17°♒42'08	1.73506 AU
evening set	-3819 Dec 17 j 03:18	6°♑45'43					
min. Earth dist.	-3819 Dec 21 j 15:27	4°♑01'12	0.27506 AU	superior conj	-3816 May 13 j 21:42	21°♒27'32	0°-6'-2
inferior conj	-3819 Dec 22 j 18:29	3°♑18'32	5°19'35	minimum elong	-3816 May 13 j 22:53	21°♒31'08	0°05'56
minimum elong	-3819 Dec 22 j 09:21	3°♑32'58	5°17'16	behind sun begin	-3816 May 13 j 02:15	20°♒27'40	
morning rise	-3819 Dec 27 j 16:16	0°♑18'38		behind sun end	-3816 May 14 j 19:30	22°♒34'36	
	-3819 Dec 28 j 05:23	30°♒		asc. node	-3816 May 16 j 11:14	24°♒36'54	
direct	-3818 Jan 12 j 10:31	25°♒24'04			-3816 May 20 j 20:09	0°♓	
greatest brilliancy	-3818 Jan 22 j 23:11	27°♒27'59	-4.6m		-3816 Jun 14 j 02:52	0°♏	
	-3818 Jan 28 j 14:06	0°♑		evening rise	-3816 Jun 18 j 12:21	5°♏26'36	
morning max el	-3818 Mar 02 j 12:54	25°♑58'02	46°01'36		-3816 Jul 08 j 07:21	0°♐	
	-3818 Mar 06 j 16:16	0°♒			-3816 Aug 01 j 11:06	0°♑	
desc. node	-3818 Mar 21 j 12:04	15°♒10'35			-3816 Aug 25 j 16:03	0°♒	
	-3818 Apr 04 j 06:10	0°♓		desc. node	-3816 Sep 05 j 06:02	13°♒04'16	
	-3818 Apr 30 j 21:32	0°♔			-3816 Sep 19 j 00:17	0°♓	
	-3818 May 26 j 13:51	0°♕			-3816 Oct 13 j 14:30	0°♔	
	-3818 Jun 20 j 14:35	0°♖			-3816 Nov 07 j 16:23	0°♑	
asc. node	-3818 Jul 12 j 09:17	26°♖37'04			-3816 Dec 03 j 20:45	0°♒	
	-3818 Jul 15 j 03:06	0°♏		evening max el	-3816 Dec 21 j 14:11	18°♒47'16	46°23'28
	-3818 Aug 08 j 06:07	0°♐		asc. node	-3816 Dec 27 j 02:38	24°♒13'47	
greatest brilliancy	-3818 Aug 16 j 19:01	10°♐42'13	-3.9m		-3815 Jan 02 j 06:49	0°♓	
morning set	-3818 Aug 26 j 10:54	22°♐51'24		greatest brilliancy	-3815 Jan 25 j 15:56	17°♓03'58	-4.5m
	-3818 Sep 01 j 02:57	0°♑		retrograde	-3815 Feb 09 j 13:24	21°♓03'25	
	-3818 Sep 24 j 21:13	0°♒		evening set	-3815 Feb 27 j 06:01	15°♓01'54	
				inferior conj	-3815 Mar 02 j 23:47	12°♓40'25	7°53'57
superior conj	-3818 Oct 05 j 06:18	13°♒06'06	0°57'25	minimum elong	-3815 Mar 03 j 04:53	12°♓32'15	7°53'25
minimum elong	-3818 Oct 05 j 17:38	13°♒41'53	0°57'03	min. Earth dist.	-3815 Mar 03 j 00:58	12°♓38'31	0.29254 AU
max. Earth dist.	-3818 Oct 07 j 12:31	15°♒57'08	1.70868 AU	morning rise	-3815 Mar 07 j 03:52	10°♓03'11	
	-3818 Oct 18 j 15:57	0°♓		direct	-3815 Mar 24 j 13:48	4°♓16'02	
desc. node	-3818 Nov 01 j 04:42	17°♓01'15		greatest brilliancy	-3815 Apr 06 j 01:29	7°♓00'38	-4.5m
	-3818 Nov 11 j 12:59	0°♔		desc. node	-3815 Apr 17 j 23:31	13°♓38'12	
evening rise	-3818 Nov 16 j 18:08	6°♔31'56			-3815 May 08 j 02:54	0°♔	
	-3818 Dec 05 j 13:05	0°♑		morning max el	-3815 May 12 j 08:32	3°♔57'58	45°49'27
	-3818 Dec 29 j 17:04	0°♒			-3815 Jun 06 j 18:19	0°♕	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3815 Jul 03 j 11:40	0°♄	evening max el	-3812 Mar 02 j 12:52	27°♄38'49	45°13'46
	-3815 Jul 28 j 20:50	0°♂		-3812 Mar 05 j 00:21	0°♂	
asc. node	-3815 Aug 08 j 21:11	13°♂20'57	greatest brilliancy	-3812 Apr 05 j 16:02	23°♂32'15	-4.5m
	-3815 Aug 22 j 10:34	0°♂	retrograde	-3812 Apr 19 j 18:59	26°♂58'32	
	-3815 Sep 15 j 12:30	0°♂	evening set	-3812 May 04 j 21:00	22°♂37'22	
	-3815 Oct 09 j 08:46	0°♂	inferior conj	-3812 May 11 j 04:10	18°♂53'13	0°59'21
	-3815 Nov 02 j 04:03	0°♂	minimum elong	-3812 May 11 j 06:20	18°♂49'52	0°58'46
morning set	-3815 Nov 10 j 09:49	10°♂21'59	min. Earth dist.	-3812 May 11 j 19:26	18°♂29'34	0.28855 AU
	-3815 Nov 26 j 01:14	0°♂	desc. node	-3812 May 15 j 10:56	16°♂16'42	
desc. node	-3815 Nov 28 j 16:53	3°♂19'16	morning rise	-3812 May 17 j 15:10	15°♂02'41	
	-3815 Dec 20 j 01:23	0°♂	direct	-3812 Jun 01 j 22:58	10°♂34'20	
			greatest brilliancy	-3812 Jun 16 j 13:38	14°♂17'10	-4.5m
superior conj	-3815 Dec 22 j 14:28	3°♂10'16 0°-51'-40		-3812 Jul 09 j 03:45	0°♂	
minimum elong	-3815 Dec 22 j 03:33	2°♂36'16 0°51'25	morning max el	-3812 Jul 21 j 12:09	11°♂25'57	46°16'05
max. Earth dist.	-3815 Dec 27 j 03:26	8°♂49'23 1.72038 AU		-3812 Aug 08 j 10:23	0°♂	
	-3814 Jan 13 j 04:37	0°♂		-3812 Sep 03 j 21:06	0°♂	
evening rise	-3814 Jan 31 j 16:54	22°♂54'08	asc. node	-3812 Sep 05 j 08:57	1°♂45'31	
	-3814 Feb 06 j 11:00	0°♂		-3812 Sep 28 j 20:49	0°♂	
	-3814 Mar 02 j 21:11	0°♂		-3812 Oct 23 j 04:39	0°♂	
asc. node	-3814 Mar 21 j 12:42	22°♂44'25		-3812 Nov 16 j 06:50	0°♂	
	-3814 Mar 27 j 12:18	0°♂		-3812 Dec 10 j 08:59	0°♂	
	-3814 Apr 21 j 09:48	0°♂	desc. node	-3812 Dec 26 j 05:00	19°♂39'31	
	-3814 May 16 j 15:57	0°♂		-3811 Jan 03 j 13:20	0°♂	
	-3814 Jun 11 j 11:32	0°♂	morning set	-3811 Jan 25 j 22:00	27°♂38'09	
	-3814 Jul 08 j 08:54	0°♂		-3811 Jan 27 j 20:00	0°♂	
desc. node	-3814 Jul 11 j 08:00	3°♂11'02		-3811 Feb 21 j 04:25	0°♂	
evening max el	-3814 Jul 28 j 13:44	20°♂56'28 46°54'41				
	-3814 Aug 07 j 02:59	0°♂	superior conj	-3811 Mar 05 j 08:28	14°♂57'56	-1°-18'-36
greatest brilliancy	-3814 Sep 06 j 08:14	20°♂57'21 -4.7m	minimum elong	-3811 Mar 05 j 14:25	15°♂16'14	1°18'38
retrograde	-3814 Sep 16 j 20:06	23°♂01'00	max. Earth dist.	-3811 Mar 06 j 10:39	16°♂18'26	1.73494 AU
evening set	-3814 Oct 02 j 18:54	18°♂04'34		-3811 Mar 17 j 14:06	0°♂	
inferior conj	-3814 Oct 07 j 10:04	15°♂19'58 -5°-53'-10	evening rise	-3811 Apr 11 j 02:25	0°♂04'48	
minimum elong	-3814 Oct 07 j 20:40	15°♂03'53 5°50'31		-3811 Apr 11 j 00:51	0°♂	
min. Earth dist.	-3814 Oct 07 j 15:08	15°♂12'16 0.26430 AU	asc. node	-3811 Apr 18 j 01:02	8°♂35'27	
morning rise	-3814 Oct 12 j 22:16	12°♂06'10	greatest brilliancy	-3811 Apr 28 j 08:32	21°♂13'24	-3.9m
direct	-3814 Oct 27 j 16:12	7°♂44'40		-3811 May 05 j 12:33	0°♂	
asc. node	-3814 Nov 01 j 05:38	8°♂09'38		-3811 May 30 j 01:22	0°♂	
greatest brilliancy	-3814 Nov 08 j 23:16	10°♂35'01 -4.7m		-3811 Jun 23 j 16:07	0°♂	
	-3814 Dec 05 j 21:49	0°♂		-3811 Jul 18 j 10:50	0°♂	
morning max el	-3814 Dec 17 j 03:36	10°♂51'35 46°40'10	desc. node	-3811 Aug 07 j 19:56	24°♂23'47	
	-3813 Jan 04 j 07:25	0°♂		-3811 Aug 12 j 13:17	0°♂	
	-3813 Jan 31 j 00:40	0°♂		-3811 Sep 07 j 06:51	0°♂	
desc. node	-3813 Feb 21 j 02:39	24°♂25'52		-3811 Oct 04 j 11:36	0°♂	
	-3813 Feb 25 j 20:46	0°♂	evening max el	-3811 Oct 09 j 10:00	5°♂06'27	47°33'47
	-3813 Mar 23 j 06:16	0°♂		-3811 Nov 06 j 10:31	0°♂	
	-3813 Apr 17 j 08:16	0°♂	greatest brilliancy	-3811 Nov 16 j 04:10	5°♂45'36	-4.7m
	-3813 May 12 j 03:35	0°♂	asc. node	-3811 Nov 28 j 17:05	9°♂05'07	
	-3813 Jun 05 j 16:21	0°♂	retrograde	-3811 Nov 29 j 12:55	9°♂05'57	
asc. node	-3813 Jun 13 j 23:21	10°♂12'47	evening set	-3811 Dec 14 j 15:38	4°♂26'47	
morning set	-3813 Jun 14 j 19:35	11°♂15'13	min. Earth dist.	-3811 Dec 19 j 06:02	1°♂39'00	0.27427 AU
	-3813 Jun 29 j 22:50	0°♂	inferior conj	-3811 Dec 20 j 08:52	0°♂56'36	5°02'36
max. Earth dist.	-3813 Jul 17 j 08:51	21°♂42'06 1.71993 AU	minimum elong	-3811 Dec 19 j 23:56	1°♂10'43	5°00'15
				-3811 Dec 21 j 20:51	30°♂	
superior conj	-3813 Jul 21 j 11:08	26°♂49'16 1°13'03	morning rise	-3811 Dec 25 j 09:10	27°♂53'07	
minimum elong	-3813 Jul 21 j 03:15	26°♂24'37 1°13'01	direct	-3810 Jan 10 j 00:23	23°♂03'43	
	-3813 Jul 24 j 00:05	0°♂	greatest brilliancy	-3810 Jan 20 j 12:05	25°♂06'41	-4.6m
	-3813 Aug 16 j 22:03	0°♂		-3810 Jan 30 j 06:07	0°♂	
evening rise	-3813 Aug 28 j 09:21	14°♂24'56	morning max el	-3810 Feb 28 j 02:40	23°♂40'00	46°02'33
	-3813 Sep 09 j 19:07	0°♂		-3810 Mar 06 j 13:30	0°♂	
desc. node	-3813 Oct 03 j 18:27	0°♂03'02	desc. node	-3810 Mar 20 j 14:21	14°♂29'52	
	-3813 Oct 03 j 17:29	0°♂		-3810 Apr 03 j 21:44	0°♂	
	-3813 Oct 27 j 18:40	0°♂		-3810 Apr 30 j 10:53	0°♂	
	-3813 Nov 21 j 00:10	0°♂		-3810 May 26 j 02:07	0°♂	
	-3813 Dec 15 j 13:02	0°♂		-3810 Jun 20 j 02:15	0°♂	
	-3812 Jan 09 j 15:47	0°♂	asc. node	-3810 Jul 11 j 11:25	26°♂08'40	
asc. node	-3812 Jan 24 j 14:21	17°♂17'17		-3810 Jul 14 j 14:25	0°♂	
	-3812 Feb 04 j 22:31	0°♂		-3810 Aug 07 j 17:17	0°♂	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3810 Aug 16 j 21:30	11° \mathfrak{D} 30'19	-3.9m		-3807 Jan 02 j 11:06	0° \approx	
morning set	-3810 Aug 24 j 00:30	20° \mathfrak{D} 27'58		greatest brilliancy	-3807 Jan 23 j 07:54	14° \approx 52'07	-4.6m
	-3810 Aug 31 j 14:06	0° \mathcal{O}		retrograde	-3807 Feb 07 j 06:39	18° \approx 53'50	
	-3810 Sep 24 j 08:26	0° \mathfrak{M}		evening set	-3807 Feb 25 j 00:11	12° \approx 49'51	
				inferior conj	-3807 Feb 28 j 16:42	10° \approx 30'26	7°59'23
superior conj	-3810 Oct 02 j 16:36	10° \mathfrak{M} 31'45	1°00'13	minimum elong	-3807 Feb 28 j 21:12	10° \approx 23'13	7°58'57
minimum elong	-3810 Oct 03 j 03:54	11° \mathfrak{M} 07'26	0°59'53	min. Earth dist.	-3807 Feb 28 j 16:43	10° \approx 30'23	0.29233 AU
max. Earth dist.	-3810 Oct 04 j 13:02	12° \mathfrak{M} 51'56	1.70867 AU	morning rise	-3807 Mar 04 j 18:20	7° \approx 57'02	
	-3810 Oct 18 j 03:15	0° $\underline{\mathfrak{L}}$		direct	-3807 Mar 22 j 05:42	2° \approx 06'18	
desc. node	-3810 Oct 31 j 06:45	16° $\underline{\mathfrak{L}}$ 32'10		greatest brilliancy	-3807 Apr 03 j 16:33	4° \approx 50'04	-4.5m
	-3810 Nov 11 j 00:20	0° \mathfrak{M}		desc. node	-3807 Apr 17 j 01:35	12° \approx 26'48	
evening rise	-3810 Nov 14 j 02:43	3° \mathfrak{M} 52'59			-3807 May 08 j 02:55	0° \mathfrak{H}	
	-3810 Dec 05 j 00:29	0° \mathfrak{X}		morning max el	-3807 May 10 j 01:05	1° \mathfrak{H} 49'01	45°49'11
	-3810 Dec 29 j 04:34	0° \mathfrak{Z}			-3807 Jun 06 j 10:37	0° \mathcal{Y}	
	-3809 Jan 22 j 14:24	0° \approx			-3807 Jul 03 j 01:26	0° \mathfrak{B}	
	-3809 Feb 16 j 09:20	0° \mathfrak{H}			-3807 Jul 28 j 09:27	0° \mathfrak{I}	
asc. node	-3809 Feb 21 j 02:33	5° \mathfrak{H} 38'24		asc. node	-3807 Aug 07 j 23:21	12° \mathfrak{I} 49'59	
	-3809 Mar 13 j 18:39	0° \mathcal{Y}			-3807 Aug 21 j 22:36	0° \mathfrak{D}	
	-3809 Apr 09 j 03:46	0° \mathfrak{B}			-3807 Sep 15 j 00:14	0° \mathcal{O}	
	-3809 May 07 j 13:09	0° \mathfrak{I}			-3807 Oct 08 j 20:18	0° \mathfrak{M}	
evening max el	-3809 May 13 j 16:43	5° \mathfrak{I} 59'00	45°27'07		-3807 Nov 01 j 15:28	0° $\underline{\mathfrak{L}}$	
desc. node	-3809 Jun 12 j 22:33	29° \mathfrak{I} 58'57		morning set	-3807 Nov 07 j 19:50	7° $\underline{\mathfrak{L}}$ 46'46	
	-3809 Jun 12 j 23:18	0° \mathfrak{D}			-3807 Nov 25 j 12:33	0° \mathfrak{M}	
greatest brilliancy	-3809 Jun 20 j 03:10	3° \mathfrak{D} 25'22	-4.5m	desc. node	-3807 Nov 27 j 18:54	2° \mathfrak{M} 50'13	
retrograde	-3809 Jul 01 j 12:12	5° \mathfrak{D} 43'19			-3807 Dec 19 j 12:39	0° \mathfrak{X}	
evening set	-3809 Jul 18 j 03:22	0° \mathfrak{D} 35'16					
	-3809 Jul 19 j 04:01	30° \mathfrak{R} \mathfrak{I}		superior conj	-3807 Dec 20 j 01:13	0° \mathfrak{X} 39'11	0°-48'-37
inferior conj	-3809 Jul 22 j 14:11	27° \mathfrak{I} 57'12	-7°-48'-10	minimum elong	-3807 Dec 19 j 14:33	0° \mathfrak{X} 05'55	0°48'21
minimum elong	-3809 Jul 22 j 05:18	28° \mathfrak{I} 10'41	7°46'46	max. Earth dist.	-3807 Dec 24 j 13:27	6° \mathfrak{X} 16'13	1.71983 AU
min. Earth dist.	-3809 Jul 22 j 22:00	27° \mathfrak{I} 45'20	0.27661 AU		-3806 Jan 12 j 15:50	0° \mathfrak{Z}	
morning rise	-3809 Jul 26 j 06:53	25° \mathfrak{I} 44'09		evening rise	-3806 Jan 29 j 07:03	20° \mathfrak{Z} 35'03	
direct	-3809 Aug 12 j 16:27	20° \mathfrak{I} 02'11			-3806 Feb 05 j 22:14	0° \approx	
greatest brilliancy	-3809 Aug 26 j 18:00	23° \mathfrak{I} 34'49	-4.6m		-3806 Mar 02 j 08:30	0° \mathfrak{H}	
	-3809 Sep 06 j 09:36	0° \mathfrak{D}		asc. node	-3806 Mar 20 j 14:49	22° \mathfrak{H} 15'51	
morning max el	-3809 Oct 02 j 06:27	23° \mathfrak{D} 01'19	46°49'31		-3806 Mar 26 j 23:54	0° \mathcal{Y}	
asc. node	-3809 Oct 03 j 20:26	24° \mathfrak{D} 38'41			-3806 Apr 20 j 21:57	0° \mathfrak{B}	
	-3809 Oct 08 j 23:09	0° \mathcal{O}			-3806 May 16 j 05:06	0° \mathfrak{I}	
	-3809 Nov 04 j 17:27	0° \mathfrak{M}			-3806 Jun 11 j 02:27	0° \mathfrak{D}	
	-3809 Nov 30 j 00:24	0°<					

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3805 Jul 19 j 03:34	24° II 35'52	1°11'21	direct	-3802 Jan 07 j 13:38	20° M 42'50	
minimum elong	-3805 Jul 18 j 19:24	24° II 10'21	1°11'18	greatest brilliancy	-3802 Jan 18 j 01:58	22° M 46'04	-4.6m
	-3805 Jul 23 j 11:12	0° S			-3802 Jan 31 j 10:04	0° S	
	-3805 Aug 16 j 09:17	0° Ω		morning max el	-3802 Feb 25 j 15:58	21° S 20'45	46°03'48
evening rise	-3805 Aug 25 j 22:05	11° Ω 58'30			-3802 Mar 06 j 09:55	0° S	
	-3805 Sep 09 j 06:33	0° M		desc. node	-3802 Mar 19 j 16:21	13° S 49'10	
desc. node	-3805 Oct 02 j 20:29	29° M 33'02			-3802 Apr 03 j 12:56	0° \approx	
	-3805 Oct 03 j 05:07	0° A			-3802 Apr 30 j 00:00	0° H	
	-3805 Oct 27 j 06:30	0° M			-3802 May 25 j 14:12	0° Y	
	-3805 Nov 20 j 12:17	0° S			-3802 Jun 19 j 13:47	0° S	
	-3805 Dec 15 j 01:37	0° S		asc. node	-3802 Jul 10 j 13:36	25° S 40'42	
	-3804 Jan 09 j 05:23	0° \approx			-3802 Jul 14 j 01:41	0° II	
asc. node	-3804 Jan 23 j 16:34	16° \approx 41'43			-3802 Aug 07 j 04:25	0° S	
	-3804 Feb 04 j 14:32	0° H		greatest brilliancy	-3802 Aug 17 j 03:26	12° S 29'22	-3.9m
evening max el	-3804 Feb 29 j 05:16	25° H 29'30	45°14'52	morning set	-3802 Aug 21 j 14:05	18° S 04'41	
	-3804 Mar 05 j 00:15	0° Y			-3802 Aug 31 j 01:13	0° Ω	
greatest brilliancy	-3804 Apr 03 j 07:57	21° Y 23'38	-4.5m		-3802 Sep 23 j 19:34	0° M	
retrograde	-3804 Apr 17 j 10:50	24° Y 49'56					
evening set	-3804 May 02 j 14:36	20° Y 27'02		superior conj	-3802 Sep 30 j 02:57	7° M 57'47	1°02'52
inferior conj	-3804 May 08 j 20:28	16° Y 44'05	1°18'37	minimum elong	-3802 Sep 30 j 14:08	8° M 33'07	1°02'34
minimum elong	-3804 May 08 j 23:19	16° Y 39'40	1°17'51	max. Earth dist.	-3802 Oct 01 j 14:00	9° M 48'24	1.70869 AU
min. Earth dist.	-3804 May 09 j 11:56	16° Y 20'03	0.28890 AU		-3802 Oct 17 j 14:27	0° A	
desc. node	-3804 May 14 j 13:00	13° Y 18'34		desc. node	-3802 Oct 30 j 08:46	16° A 03'16	
morning rise	-3804 May 15 j 07:34	12° Y 52'53			-3802 Nov 10 j 11:35	0° M	
direct	-3804 May 30 j 15:50	8° Y 24'44		evening rise	-3802 Nov 11 j 11:18	1° M 14'16	
greatest brilliancy	-3804 Jun 14 j 03:58	12° Y 04'26	-4.5m		-3802 Dec 04 j 11:48	0° S	
	-3804 Jul 09 j 07:56	0° S			-3802 Dec 28 j 16:00	0° S	
morning max el	-3804 Jul 19 j 03:22	9° S 11'15	46°14'37		-3801 Jan 22 j 02:04	0° \approx	
	-3804 Aug 08 j 03:47	0° II			-3801 Feb 15 j 21:28	0° H	
	-3804 Sep 03 j 11:28	0° S		asc. node	-3801 Feb 20 j 04:41	5° H 08'13	
asc. node	-3804 Sep 04 j 11:08	1° S 09'49			-3801 Mar 13 j 07:46	0° Y	
	-3804 Sep 28 j 09:52	0° Ω			-3801 Apr 08 j 19:04	0° S	
	-3804 Oct 22 j 17:01	0° M			-3801 May 07 j 10:23	0° II	
	-3804 Nov 15 j 18:48	0° A		evening max el	-3801 May 11 j 06:15	3° II 41'40	45°25'09
	-3804 Dec 09 j 20:38	0° M		desc. node	-3801 Jun 12 j 00:40	28° II 30'40	
desc. node	-3804 Dec 25 j 07:08	19° M 10'37			-3801 Jun 15 j 01:11	0° S	
	-3803 Jan 03 j 00:42	0° S		greatest brilliancy	-3801 Jun 17 j 13:22	1° S 03'36	-4.5m
morning set	-3803 Jan 23 j 11:28	25° S 17'12		retrograde	-3801 Jun 29 j 01:34	3° S 24'55	
	-3803 Jan 27 j 07:08	0° S			-3801 Jul 12 j 10:18	30° R II	
	-3803 Feb 20 j 15:22	0° \approx		evening set	-3801 Jul 15 j 13:05	28° II 21'33	
				inferior conj	-3801 Jul 20 j 03:58	25° II 38'01	-7°-36'-49
superior conj	-3803 Mar 03 j 01:27	12° \approx 48'59	-1°-19'-39	minimum elong	-3801 Jul 19 j 18:38	25° II 52'09	7°35'15
minimum elong	-3803 Mar 03 j 06:52	13° \approx 05'40	1°19'42	min. Earth dist.	-3801 Jul 20 j 11:48	25° II 26'08	0.27711 AU
max. Earth dist.	-3803 Mar 04 j 08:51	14° \approx 25'31	1.73460 AU	morning rise	-3801 Jul 23 j 23:48	23° II 20'32	
	-3803 Mar 17 j 01:00	0° H		direct	-3801 Aug 10 j 06:40	17° II 41'47	
evening rise	-3803 Apr 08 j 21:14	28° H 01'46		greatest brilliancy	-3801 Aug 24 j 11:15	21° II 17'44	-4.6m
	-3803 Apr 10 j 11:48	0° Y			-3801 Sep 07 j 04:18	0° S	
asc. node	-3803 Apr 17 j 03:03	8° Y 07'59		morning max el	-3801 Sep 29 j 20:31	20° S 37'32	46°48'57
	-3803 May 04 j 23:41	0° S		asc. node	-3801 Oct 02 j 22:25	23° S 47'43	
	-3803 May 29 j 12:49	0° II			-3801 Oct 08 j 19:10	0° Ω	
	-3803 Jun 23 j 04:06	0° S			-3801 Nov 04 j 09:00	0° M	
	-3803 Jul 17 j 23:37	0° Ω			-3801 Nov 29 j 14:04	0° A	
desc. node	-3803 Aug 06 j 22:07	23° Ω 49'28			-3801 Dec 24 j 08:29	0° M	
	-3803 Aug 12 j 03:19	0° M			-3800 Jan 18 j 00:14	0° S	
	-3803 Sep 06 j 23:06	0° A		desc. node	-3800 Jan 22 j 19:10	5° S 49'41	
	-3803 Oct 04 j 09:06	0° M			-3800 Feb 11 j 15:37	0° S	
evening max el	-3803 Oct 07 j 00:49	2° M 43'45	47°34'17		-3800 Mar 07 j 06:35	0° \approx	
	-3803 Nov 07 j 16:03	0° S			-3800 Mar 31 j 20:24	0° H	
greatest brilliancy	-3803 Nov 13 j 22:29	3° S 26'17	-4.7m	morning set	-3800 Apr 03 j 13:26	3° H 18'50	
retrograde	-3803 Nov 27 j 03:15	6° S 42'10			-3800 Apr 25 j 08:21	0° Y	
asc. node	-3803 Nov 27 j 19:16	6° S 41'37		max. Earth dist.	-3800 May 06 j 17:11	13° Y 57'49	1.73565 AU
evening set	-3803 Dec 12 j 03:59	2° S 07'05					
	-3803 Dec 15 j 16:46	30° R M		superior conj	-3800 May 09 j 11:50	17° Y 22'45	0°-12'-3
min. Earth dist.	-3803 Dec 16 j 20:58	29° M 15'44	0.27348 AU	minimum elong	-3800 May 09 j 14:11	17° Y 29'57	0°11'55
inferior conj	-3803 Dec 17 j 23:10	28° M 34'20	4°44'58	behind sun begin	-3800 May 08 j 23:31	16° Y 44'52	
minimum elong	-3803 Dec 17 j 14:30	28° M 48'02	4°42'37	behind sun end	-3800 May 10 j 04:50	18° Y 15'04	
morning rise	-3803 Dec 23 j 01:54	25° M 27'16		asc. node	-3800 May 14 j 15:25	23° Y 43'00	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3800 May 19 j 17:52	0°♄			-3798 Dec 06 j 04:58	0°♄		
	-3800 Jun 13 j 00:48	0°♄		morning max el	-3798 Dec 12 j 07:52	6°♄03'42	46°42'15	
evening rise	-3800 Jun 14 j 02:24	1°♄19'12			-3797 Jan 03 j 19:01	0°♄		
	-3800 Jul 07 j 05:44	0°♄			-3797 Jan 30 j 05:50	0°♄		
	-3800 Jul 31 j 10:07	0°♄		desc. node	-3797 Feb 19 j 06:56	23°♄20'54		
	-3800 Aug 24 j 15:51	0°♄			-3797 Feb 24 j 22:45	0°♄		
desc. node	-3800 Sep 03 j 10:15	12°♄02'43			-3797 Mar 22 j 06:23	0°♄		
	-3800 Sep 18 j 01:06	0°♄			-3797 Apr 16 j 07:13	0°♄		
	-3800 Oct 12 j 16:52	0°♄			-3797 May 11 j 01:51	0°♄		
	-3800 Nov 06 j 21:27	0°♄			-3797 Jun 04 j 14:16	0°♄		
	-3800 Dec 03 j 07:56	0°♄		morning set	-3797 Jun 10 j 07:52	7°♄03'41		
evening max el	-3800 Dec 16 j 20:36	14°♄13'36	46°29'47	asc. node	-3797 Jun 12 j 03:39	9°♄18'41		
asc. node	-3800 Dec 25 j 06:55	22°♄27'26			-3797 Jun 28 j 20:40	0°♄		
	-3799 Jan 02 j 17:01	0°♄		max. Earth dist.	-3797 Jul 12 j 11:38	16°♄57'54	1.72114 AU	
greatest brilliancy	-3799 Jan 21 j 00:09	12°♄41'16	-4.6m					
retrograde	-3799 Feb 05 j 00:10	16°♄44'40		superior conj	-3797 Jul 16 j 20:28	22°♄25'05	1°09'34	
evening set	-3799 Feb 22 j 18:08	10°♄38'25		minimum elong	-3797 Jul 16 j 12:04	21°♄58'52	1°09'30	
inferior conj	-3799 Feb 26 j 09:30	8°♄20'50	8°04'20		-3797 Jul 22 j 22:00	0°♄		
minimum elong	-3799 Feb 26 j 13:24	8°♄14'37	8°03'58		-3797 Aug 15 j 20:10	0°♄		
min. Earth dist.	-3799 Feb 26 j 08:02	8°♄23'11	0.29206 AU	evening rise	-3797 Aug 23 j 11:27	9°♄35'20		
morning rise	-3799 Mar 02 j 08:48	5°♄51'12			-3797 Sep 08 j 17:36	0°♄		
	-3799 Mar 18 j 08:40	30°♄		desc. node	-3797 Oct 01 j 22:33	29°♄04'13		
direct	-3799 Mar 19 j 22:01	29°♄57'08			-3797 Oct 02 j 16:24	0°♄		
	-3799 Mar 21 j 11:44	0°♄			-3797 Oct 26 j 18:03	0°♄		
greatest brilliancy	-3799 Apr 01 j 06:57	2°♄39'31	-4.5m		-3797 Nov 20 j 00:11	0°♄		
desc. node	-3799 Apr 16 j 03:38	11°♄18'12			-3797 Dec 14 j 14:04	0°♄		
morning max el	-3799 May 07 j 18:14	29°♄42'41	45°49'06		-3796 Jan 08 j 18:56	0°♄		
	-3799 May 08 j 01:30	0°♄		asc. node	-3796 Jan 22 j 18:40	16°♄06'02		
	-3799 Jun 06 j 02:14	0°♄			-3796 Feb 04 j 06:41	0°♄		
	-3799 Jul 02 j 14:39	0°♄		evening max el	-3796 Feb 26 j 20:36	23°♄17'54	45°16'09	
	-3799 Jul 27 j 21:35	0°♄			-3796 Mar 05 j 01:11	0°♄		
asc. node	-3799 Aug 07 j 01:30	12°♄20'17		greatest brilliancy	-3796 Mar 31 j 23:39	19°♄15'03	-4.5m	
	-3799 Aug 21 j 10:14	0°♄		retrograde	-3796 Apr 15 j 02:19	22°♄41'47		
	-3799 Sep 14 j 11:36	0°♄		evening set	-3796 Apr 30 j 08:12	18°♄16'47		
	-3799 Oct 08 j 07:33	0°♄		inferior conj	-3796 May 06 j 12:42	14°♄35'23	1°37'47	
	-3799 Nov 01 j 02:38	0°♄		minimum elong	-3796 May 06 j 16:12	14°♄29'56	1°36'50	
morning set	-3799 Nov 05 j 05:32	5°♄11'13		min. Earth dist.	-3796 May 07 j 04:37	14°♄10'35	0.28923 AU	
	-3799 Nov 24 j 23:39	0°♄		morning rise	-3796 May 12 j 23:41	10°♄43'40		
desc. node	-3799 Nov 26 j 21:07	2°♄22'25		desc. node	-3796 May 13 j 15:14	10°♄22'44		
				direct	-3796 May 28 j 08:06	6°♄15'27		
superior conj	-3799 Dec 17 j 11:16	28°♄06'32	0°-45'-25	greatest brilliancy	-3796 Jun 11 j 18:49	9°♄52'48	-4.5m	
minimum elong	-3799 Dec 17 j 00:56	27°♄34'17	0°45'08		-3796 Jul 09 j 10:14	0°♄		
	-3799 Dec 18 j 23:40	0°♄		morning max el	-3796 Jul 16 j 17:52	6°♄55'28	46°13'23	
max. Earth dist.	-3799 Dec 22 j 00:38	3°♄47'23	1.71926 AU		-3796 Aug 07 j 20:32	0°♄		
	-3798 Jan 12 j 02:48	0°♄			-3796 Sep 03 j 01:22	0°♄		
evening rise	-3798 Jan 26 j 20:43	18°♄15'17		asc. node	-3796 Sep 03 j 13:07	0°♄34'46		
	-3798 Feb 05 j 09:10	0°♄			-3796 Sep 27 j 22:30	0°♄		
	-3798 Mar 01 j 19:33	0°♄			-3796 Oct 22 j 05:00	0°♄		
asc. node	-3798 Mar 19 j 16:50	21°♄47'49			-3796 Nov 15 j 06:25	0°♄		
	-3798 Mar 26 j 11:14	0°♄			-3796 Dec 09 j 08:00	0°♄		
	-3798 Apr 20 j 09:51	0°♄		desc. node	-3796 Dec 24 j 09:15	18°♄42'26		
	-3798 May 15 j 17:58	0°♄			-3795 Jan 02 j 11:51	0°♄		
	-3798 Jun 10 j 17:06	0°♄		morning set	-3795 Jan 21 j 00:20	22°♄54'46		
	-3798 Jul 07 j 22:00	0°♄			-3795 Jan 26 j 18:06	0°♄		
desc. node	-3798 Jul 09 j 12:20	1°♄41'21			-3795 Feb 20 j 02:13	0°♄		
evening max el	-3798 Jul 23 j 17:28	16°♄11'44	46°48'44					
	-3798 Aug 07 j 17:30	0°♄		superior conj	-3795 Feb 28 j 17:48	10°♄38'29	-1°-20'-36	
greatest brilliancy	-3798 Sep 01 j 08:28	15°♄57'40	-4.7m	minimum elong	-3795 Feb 28 j 22:38	10°♄53'22	1°20'40	
retrograde	-3798 Sep 11 j 20:42	18°♄00'19		max. Earth dist.	-3795 Mar 02 j 04:34	12°♄25'22	1.73425 AU	
evening set	-3798 Sep 28 j 01:30	12°♄54'48			-3795 Mar 16 j 11:46	0°♄		
inferior conj	-3798 Oct 02 j 09:54	10°♄19'41	-6°-28'-52	evening rise	-3795 Apr 06 j 15:25	25°♄57'14		
minimum elong	-3798 Oct 02 j 20:43	10°♄03'17	6°26'23		-3795 Apr 09 j 22:37	0°♄		
min. Earth dist.	-3798 Oct 02 j 16:02	10°♄10'24	0.26474 AU	asc. node	-3795 Apr 16 j 05:12	7°♄41'21		
morning rise	-3798 Oct 07 j 15:53	7°♄14'53			-3795 May 04 j 10:42	0°♄		
direct	-3798 Oct 22 j 18:07	2°♄44'17			-3795 May 29 j 00:11	0°♄		
asc. node	-3798 Oct 30 j 09:52	3°♄53'27			-3795 Jun 22 j 16:00	0°♄		
greatest brilliancy	-3798 Nov 04 j 01:37	5°♄36'14	-4.7m		-3795 Jul 17 j 12:20	0°♄		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3795 Aug 06 j 00:08	23°♌14'59			-3793 Dec 23 j 21:02	0°♍		
	-3795 Aug 11 j 17:18	0°♎			-3792 Jan 17 j 12:08	0°♏		
	-3795 Sep 06 j 15:22	0°♐		desc. node	-3792 Jan 21 j 21:11	5°♏19'57		
	-3795 Oct 04 j 07:01	0°♑			-3792 Feb 11 j 03:04	0°♐		
evening max el	-3795 Oct 04 j 14:42	0°♑19'36	47°34'48		-3792 Mar 06 j 17:42	0°♑		
	-3795 Nov 09 j 09:59	0°♒			-3792 Mar 31 j 07:19	0°♒		
greatest brilliancy	-3795 Nov 11 j 16:05	1°♒06'53	-4.7m	morning set	-3792 Apr 01 j 07:46	1°♒14'43		
retrograde	-3795 Nov 24 j 17:27	4°♒19'27			-3792 Apr 24 j 19:11	0°♓		
asc. node	-3795 Nov 26 j 21:24	4°♒13'36		max. Earth dist.	-3792 May 04 j 16:29	12°♓08'33	1.73594 AU	
	-3795 Dec 09 j 07:44	30°♋♍						
evening set	-3795 Dec 09 j 16:30	29°♍47'45		superior conj	-3792 May 07 j 06:45	15°♓19'59	0°-15'-4	
min. Earth dist.	-3795 Dec 14 j 12:04	26°♍53'05	0.27276 AU	minimum elong	-3792 May 07 j 09:40	15°♓28'56	0°14'54	
inferior conj	-3795 Dec 15 j 13:31	26°♍12'56	4°26'42	behind sun begin	-3792 May 07 j 02:17	15°♓06'14		
minimum elong	-3795 Dec 15 j 05:11	26°♍26'05	4°24'22	behind sun end	-3792 May 07 j 17:03	15°♓51'39		
morning rise	-3795 Dec 20 j 18:41	23°♍02'24		asc. node	-3792 May 13 j 17:34	23°♓16'14		
direct	-3794 Jan 05 j 02:39	18°♍22'29			-3792 May 19 j 04:43	0°♋		
greatest brilliancy	-3794 Jan 15 j 16:57	20°♍27'12	-4.6m	evening rise	-3792 Jun 11 j 21:18	29°♋15'13		
	-3794 Feb 01 j 06:12	0°♌			-3792 Jun 12 j 11:47	0°♌		
morning max el	-3794 Feb 23 j 05:30	19°♌02'09	46°04'53		-3792 Jul 06 j 16:58	0°♍		
	-3794 Mar 06 j 05:37	0°♎			-3792 Jul 30 j 21:40	0°♎		
desc. node	-3794 Mar 18 j 18:27	13°♎09'22			-3792 Aug 24 j 03:49	0°♏		
	-3794 Apr 03 j 03:54	0°♏		desc. node	-3792 Sep 02 j 12:20	11°♏31'36		
	-3794 Apr 29 j 13:02	0°♐			-3792 Sep 17 j 13:39	0°♐		
	-3794 May 25 j 02:13	0°♑			-3792 Oct 12 j 06:14	0°♑		
	-3794 Jun 19 j 01:15	0°♒			-3792 Nov 06 j 12:16	0°♒		
asc. node	-3794 Jul 09 j 15:38	25°♒12'28			-3792 Dec 03 j 02:05	0°♓		
	-3794 Jul 13 j 12:50	0°♓		evening max el	-3792 Dec 14 j 13:03	11°♓59'54	46°33'06	
	-3794 Aug 06 j 15:28	0°♐		asc. node	-3792 Dec 24 j 09:03	21°♓32'56		
greatest brilliancy	-3794 Aug 17 j 05:37	13°♐16'56	-3.9m		-3791 Jan 03 j 01:21	0°♑		
morning set	-3794 Aug 19 j 03:43	15°♐41'51		greatest brilliancy	-3791 Jan 18 j 17:38	10°♑32'07	-4.6m	
	-3794 Aug 30 j 12:15	0°♎		retrograde	-3791 Feb 02 j 17:55	14°♑35'32		
	-3794 Sep 23 j 06:39	0°♏		evening set	-3791 Feb 20 j 12:03	8°♑27'36		
				inferior conj	-3791 Feb 24 j 02:27	6°♑11'21	8°08'31	
superior conj	-3794 Sep 27 j 13:32	5°♏24'46	1°05'23	minimum elong	-3791 Feb 24 j 05:44	6°♑06'06	8°08'13	
minimum elong	-3794 Sep 28 j 00:33	5°♏59'30	1°05'07	min. Earth dist.	-3791 Feb 23 j 23:12	6°♑16'33	0.29176 AU	
max. Earth dist.	-3794 Sep 28 j 16:56	6°♏51'12	1.70872 AU	morning rise	-3791 Feb 27 j 23:37	3°♑45'06		
	-3794 Oct 17 j 01:34	0°♐			-3791 Mar 07 j 03:57	30°♋♓		
desc. node	-3794 Oct 29 j 10:59	15°♐35'18		direct	-3791 Mar 17 j 14:56	27°♓48'19		
evening rise	-3794 Nov 08 j 20:11	28°♐36'53			-3791 Mar 28 j 15:59	0°♑		
	-3794 Nov 09 j 22:43	0°♑		greatest brilliancy	-3791 Mar 29 j 20:21	0°♑27'53	-4.5m	
	-3794 Dec 03 j 22:59	0°♒		desc. node	-3791 Apr 15 j 05:54	10°♑11'45		
	-3794 Dec 28 j 03:18	0°♓		morning max el	-3791 May 05 j 11:20	27°♑35'55	45°48'44	
	-3793 Jan 21 j 13:38	0°♑			-3791 May 07 j 23:21	0°♒		
	-3793 Feb 15 j 09:35	0°♓			-3791 Jun 05 j 17:50	0°♓		
asc. node	-3793 Feb 19 j 06:40	4°♓37'38			-3791 Jul 02 j 04:04	0°♋		
	-3793 Mar 12 j 21:00	0°♓			-3791 Jul 27 j 09:59	0°♌		
	-3793 Apr 08 j 10:41	0°♋		asc. node	-3791 Aug 06 j 03:33	11°♌49'30		
	-3793 May 07 j 08:37	0°♌			-3791 Aug 20 j 22:06	0°♍		
evening max el	-3793 May 08 j 20:24	1°♌25'36	45°23'21		-3791 Sep 13 j 23:12	0°♎		
desc. node	-3793 Jun 11 j 02:49	26°♌58'52			-3791 Oct 07 j 19:00	0°♏		
greatest brilliancy	-3793 Jun 14 j 22:58	28°♌40'55	-4.5m		-3791 Oct 31 j 13:59	0°♐		
	-3793 Jun 18 j 21:23	0°♑		morning set	-3791 Nov 02 j 15:18	2°♐35'13		
retrograde	-3793 Jun 26 j 15:19	1°♑06'04			-3791 Nov 24 j 10:56	0°♑		
	-3793 Jul 04 j 03:05	30°♋♌		desc. node	-3791 Nov 25 j 23:09	1°♑53'26		
evening set	-3793 Jul 12 j 22:47	26°♌07'18						
inferior conj	-3793 Jul 17 j 17:36	23°♌18'18	-7°-24'-45	superior conj	-3791 Dec 14 j 21:16	25°♑32'56	0°-42'-6	
minimum elong	-3793 Jul 17 j 07:55	23°♌32'58	7°23'00	minimum elong	-3791 Dec 14 j 11:22	25°♑02'02	0°41'50	
min. Earth dist.	-3793 Jul 18 j 01:09	23°♌06'52	0.27757 AU		-3791 Dec 18 j 10:54	0°♒		
morning rise	-3793 Jul 21 j 16:41	20°♌56'21		max. Earth dist.	-3791 Dec 19 j 13:40	1°♒23'27	1.71867 AU	
direct	-3793 Aug 07 j 21:18	15°♌21'05			-3790 Jan 11 j 13:58	0°♓		
greatest brilliancy	-3793 Aug 22 j 03:49	18°♌59'44	-4.6m	evening rise	-3790 Jan 24 j 10:26	15°♓54'58		
	-3793 Sep 07 j 18:23	0°♑			-3790 Feb 04 j 20:18	0°♑		
morning max el	-3793 Sep 27 j 11:13	18°♑15'27	46°48'21		-3790 Mar 01 j 06:47	0°♒		
asc. node	-3793 Oct 02 j 00:40	22°♑58'10		asc. node	-3790 Mar 18 j 19:04	21°♒19'54		
	-3793 Oct 08 j 14:39	0°♎			-3790 Mar 25 j 22:46	0°♓		
	-3793 Nov 04 j 00:22	0°♏			-3790 Apr 19 j 22:00	0°♋		
	-3793 Nov 29 j 03:39	0°♐			-3790 May 15 j 07:12	0°♌		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3790 Jun 10 j 08:18	0°☿	morning set	-3787 Jan 18 j 12:56	20°♂30'28	
	-3790 Jul 07 j 17:29	0°♂		-3787 Jan 26 j 05:22	0°♂	
desc. node	-3790 Jul 08 j 14:21	0°♂54'43		-3787 Feb 19 j 13:20	0°≈	
evening max el	-3790 Jul 21 j 07:07	13°♂48'24 46°45'30				
	-3790 Aug 08 j 05:05	0°♎	superior conj	-3787 Feb 26 j 10:13	8°≈27'16 -1°-21'-25	
greatest brilliancy	-3790 Aug 29 j 21:25	13°♎28'23 -4.7m	minimum elong	-3787 Feb 26 j 14:26	8°≈40'15 1°21'31	
retrograde	-3790 Sep 09 j 08:19	15°♎29'12	max. Earth dist.	-3787 Feb 27 j 22:46	10°≈19'42 1.73387 AU	
evening set	-3790 Sep 25 j 16:51	10°♎19'27		-3787 Mar 15 j 22:50	0°♎	
inferior conj	-3790 Sep 29 j 21:47	7°♎49'04 -6°-45'-34	evening rise	-3787 Apr 04 j 09:50	23°♎52'34	
minimum elong	-3790 Sep 30 j 08:34	7°♎32'41 6°43'11		-3787 Apr 09 j 09:44	0°♎	
min. Earth dist.	-3790 Sep 30 j 04:36	7°♎38'43 0.26497 AU	asc. node	-3787 Apr 15 j 07:22	7°♎13'52	
morning rise	-3790 Oct 05 j 00:14	4°♎48'56		-3787 May 03 j 21:58	0°♎	
direct	-3790 Oct 20 j 06:39	0°♎13'39		-3787 May 28 j 11:46	0°♎	
asc. node	-3790 Oct 29 j 12:02	1°♎52'30		-3787 Jun 22 j 04:09	0°☿	
greatest brilliancy	-3790 Nov 01 j 14:45	3°♎05'59 -4.7m		-3787 Jul 17 j 01:21	0°♂	
	-3790 Dec 06 j 06:34	0°♂	desc. node	-3787 Aug 05 j 02:15	22°♂39'45	
morning max el	-3790 Dec 09 j 20:31	3°♂35'05 46°43'12		-3787 Aug 11 j 07:43	0°♎	
	-3789 Jan 03 j 12:28	0°♎		-3787 Sep 06 j 08:19	0°♂	
	-3789 Jan 29 j 20:22	0°♂	evening max el	-3787 Oct 02 j 04:23	27°♂53'31 47°35'03	
desc. node	-3789 Feb 18 j 08:59	22°♂47'56		-3787 Oct 04 j 06:24	0°♎	
	-3789 Feb 24 j 11:46	0°♂	greatest brilliancy	-3787 Nov 09 j 08:52	28°♎44'14 -4.7m	
	-3789 Mar 21 j 18:29	0°≈		-3787 Nov 12 j 09:44	0°♂	
	-3789 Apr 15 j 18:45	0°♎	retrograde	-3787 Nov 22 j 07:37	1°♂54'28	
	-3789 May 10 j 13:03	0°♎	asc. node	-3787 Nov 25 j 23:28	1°♂37'37	
	-3789 Jun 04 j 01:19	0°♎		-3787 Dec 01 j 20:54	30°♎	
morning set	-3789 Jun 08 j 02:18	4°♎58'35	evening set	-3787 Dec 07 j 04:50	27°♎25'39	
asc. node	-3789 Jun 11 j 05:42	8°♎50'58	min. Earth dist.	-3787 Dec 12 j 02:48	24°♎28'09 0.27203 AU	
	-3789 Jun 28 j 07:43	0°♎	inferior conj	-3787 Dec 13 j 03:33	23°♎49'12 4°07'37	
max. Earth dist.	-3789 Jul 10 j 02:05	14°♎38'45 1.72182 AU	minimum elong	-3787 Dec 12 j 19:37	24°♎01'42 4°05'20	
			morning rise	-3787 Dec 18 j 11:09	20°♎35'33	
superior conj	-3789 Jul 14 j 13:28	20°♎13'42 1°07'41	direct	-3786 Jan 02 j 15:24	15°♎59'41	
minimum elong	-3789 Jul 14 j 04:53	19°♎46'55 1°07'35	greatest brilliancy	-3786 Jan 13 j 07:53	18°♎06'30 -4.6m	
	-3789 Jul 22 j 09:08	0°☿		-3786 Feb 01 j 21:51	0°♂	
	-3789 Aug 15 j 07:27	0°♂	morning max el	-3786 Feb 20 j 19:31	16°♂43'37 46°06'10	
evening rise	-3789 Aug 21 j 00:49	7°♂11'01		-3786 Mar 06 j 01:07	0°♂	
	-3789 Sep 08 j 05:04	0°♎	desc. node	-3786 Mar 17 j 20:42	12°♂29'41	
desc. node	-3789 Oct 01 j 00:45	28°♎34'36		-3786 Apr 02 j 18:57	0°≈	
	-3789 Oct 02 j 04:04	0°♂		-3786 Apr 29 j 02:11	0°♎	
	-3789 Oct 26 j 05:58	0°♎		-3786 May 24 j 14:23	0°♎	
	-3789 Nov 19 j 12:26	0°♂		-3786 Jun 18 j 12:51	0°♎	
	-3789 Dec 14 j 02:54	0°♂	asc. node	-3786 Jul 08 j 17:46	24°♎44'06	
	-3788 Jan 08 j 08:55	0°≈		-3786 Jul 13 j 00:09	0°♎	
asc. node	-3788 Jan 21 j 20:44	15°≈29'04		-3786 Aug 06 j 02:40	0°☿	
	-3788 Feb 03 j 23:26	0°♎	morning set	-3786 Aug 16 j 18:02	13°☿20'49	
evening max el	-3788 Feb 24 j 11:24	21°♎04'15 45°17'38		-3786 Aug 29 j 23:27	0°♂	
	-3788 Mar 05 j 03:47	0°♎		-3786 Sep 22 j 17:55	0°♎	
greatest brilliancy	-3788 Mar 29 j 14:52	17°♎05'41 -4.5m				
retrograde	-3788 Apr 12 j 18:15	20°♎34'11	superior conj	-3786 Sep 25 j 00:28	2°♎52'10 1°07'44	
evening set	-3788 Apr 28 j 02:14	16°♎06'36	minimum elong	-3786 Sep 25 j 11:09	3°♎25'55 1°07'30	
inferior conj	-3788 May 04 j 05:18	12°♎27'10 1°56'35	max. Earth dist.	-3786 Sep 25 j 23:38	4°♎05'17 1.70885 AU	
minimum elong	-3788 May 04 j 09:26	12°♎20'43 1°55'27		-3786 Oct 16 j 12:55	0°♂	
min. Earth dist.	-3788 May 04 j 21:42	12°♎01'34 0.28956 AU	desc. node	-3786 Oct 28 j 13:02	15°♂05'56	
morning rise	-3788 May 10 j 16:03	8°♎35'17	evening rise	-3786 Nov 06 j 04:49	25°♂57'50	
desc. node	-3788 May 12 j 17:16	7°♎31'00		-3786 Nov 09 j 10:08	0°♎	
direct	-3788 May 26 j 00:16	4°♎06'32		-3786 Dec 03 j 10:28	0°♂	
greatest brilliancy	-3788 Jun 09 j 10:49	7°♎42'45 -4.5m		-3786 Dec 27 j 14:55	0°♂	
	-3788 Jul 09 j 11:21	0°♎		-3785 Jan 21 j 01:30	0°≈	
morning max el	-3788 Jul 14 j 08:40	4°♎40'01 46°12'02		-3785 Feb 14 j 22:00	0°♎	
	-3788 Aug 07 j 13:14	0°♎	asc. node	-3785 Feb 18 j 08:55	4°♎07'00	
asc. node	-3788 Sep 02 j 15:21	29°♎59'36		-3785 Mar 12 j 10:33	0°♎	
	-3788 Sep 02 j 15:30	0°☿		-3785 Apr 08 j 02:44	0°♎	
	-3788 Sep 27 j 11:29	0°♂	evening max el	-3785 May 06 j 11:42	29°♎12'13 45°21'42	
	-3788 Oct 21 j 17:23	0°♎		-3785 May 07 j 07:52	0°♎	
	-3788 Nov 14 j 18:25	0°♂	desc. node	-3785 Jun 10 j 04:53	25°♎24'05	
	-3788 Dec 08 j 19:43	0°♎	greatest brilliancy	-3785 Jun 12 j 09:18	26°♎19'41 -4.5m	
desc. node	-3788 Dec 23 j 11:17	18°♎12'55	retrograde	-3785 Jun 24 j 05:37	28°♎48'03	
	-3787 Jan 01 j 23:19	0°♂	evening set	-3785 Jul 10 j 09:02	23°♎54'02	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3785 Jul 15 j 07:34	20°II59'35	-7°-11'-59	max. Earth dist.	-3783 Dec 17 j 04:37	29°III05'53	1.71812 AU
minimum elong	-3785 Jul 14 j 21:37	21°II14'38	7°10'07		-3783 Dec 17 j 21:58	0°𐤆	
min. Earth dist.	-3785 Jul 15 j 14:38	20°II48'54	0.27799 AU		-3782 Jan 11 j 00:59	0°𐤆	
morning rise	-3785 Jul 19 j 09:54	18°II33'03		evening rise	-3782 Jan 21 j 23:57	13°𐤆34'17	
direct	-3785 Aug 05 j 12:33	13°II01'43			-3782 Feb 04 j 07:21	0°≈	
greatest brilliancy	-3785 Aug 19 j 19:26	16°II41'19	-4.6m		-3782 Feb 28 j 17:57	0°𐤆	
	-3785 Sep 08 j 04:45	0°𐤆		asc. node	-3782 Mar 17 j 21:09	20°𐤆51'42	
morning max el	-3785 Sep 25 j 02:09	15°𐤆54'24	46°47'33		-3782 Mar 25 j 10:15	0°𐤆	
asc. node	-3785 Oct 01 j 02:51	22°𐤆09'30			-3782 Apr 19 j 10:05	0°𐤆	
	-3785 Oct 08 j 09:35	0°𐤆			-3782 May 14 j 20:23	0°II	
	-3785 Nov 03 j 15:34	0°𐤆			-3782 Jun 09 j 23:31	0°𐤆	
	-3785 Nov 28 j 17:13	0°𐤆		desc. node	-3782 Jul 07 j 16:31	0°𐤆08'26	
	-3785 Dec 23 j 09:42	0°𐤆			-3782 Jul 07 j 13:16	0°𐤆	
	-3784 Jan 17 j 00:11	0°𐤆		evening max el	-3782 Jul 18 j 19:46	11°𐤆23'24	46°42'17
desc. node	-3784 Jan 20 j 23:19	4°𐤆49'59			-3782 Aug 08 j 19:58	0°𐤆	
	-3784 Feb 10 j 14:40	0°𐤆		greatest brilliancy	-3782 Aug 27 j 11:18	11°𐤆01'10	-4.6m
	-3784 Mar 06 j 04:59	0°≈		retrograde	-3782 Sep 06 j 19:38	12°𐤆59'25	
morning set	-3784 Mar 30 j 01:53	29°≈09'40		evening set	-3782 Sep 23 j 08:19	7°𐤆45'23	
	-3784 Mar 30 j 18:21	0°𐤆		inferior conj	-3782 Sep 27 j 09:50	5°𐤆19'52	-7°-1'-17
	-3784 Apr 24 j 06:05	0°𐤆		minimum elong	-3782 Sep 27 j 20:30	5°𐤆03'39	6°59'03
max. Earth dist.	-3784 May 02 j 15:56	10°𐤆19'37	1.73616 AU	min. Earth dist.	-3782 Sep 27 j 17:36	5°𐤆08'03	0.26521 AU
				morning rise	-3782 Oct 02 j 08:34	2°𐤆24'34	
superior conj	-3784 May 05 j 01:40	13°𐤆17'04	0°-18'-3		-3782 Oct 07 j 05:47	30°𐤆𐤆	
minimum elong	-3784 May 05 j 05:09	13°𐤆27'44	0°17'52	direct	-3782 Oct 17 j 18:44	27°𐤆44'12	
asc. node	-3784 May 12 j 19:36	22°𐤆48'53		asc. node	-3782 Oct 28 j 14:03	29°𐤆57'26	
	-3784 May 18 j 15:37	0°𐤆			-3782 Oct 28 j 16:39	0°𐤆	
evening rise	-3784 Jun 09 j 16:27	27°𐤆11'52		greatest brilliancy	-3782 Oct 30 j 04:49	0°𐤆37'56	-4.7m
	-3784 Jun 11 j 22:49	0°II			-3782 Dec 06 j 06:32	0°𐤆	
	-3784 Jul 06 j 04:13	0°𐤆		morning max el	-3782 Dec 07 j 08:30	1°𐤆05'36	46°44'16
	-3784 Jul 30 j 09:14	0°𐤆			-3781 Jan 03 j 05:12	0°𐤆	
	-3784 Aug 23 j 15:47	0°𐤆			-3781 Jan 29 j 10:24	0°𐤆	
desc. node	-3784 Sep 01 j 14:33	11°𐤆01'04		desc. node	-3781 Feb 17 j 11:13	22°𐤆16'35	
	-3784 Sep 17 j 02:09	0°𐤆			-3781 Feb 24 j 00:24	0°𐤆	
	-3784 Oct 11 j 19:36	0°𐤆			-3781 Mar 21 j 06:18	0°≈	
	-3784 Nov 06 j 03:13	0°𐤆			-3781 Apr 15 j 06:04	0°𐤆	
	-3784 Dec 02 j 20:44	0°𐤆			-3781 May 10 j 00:03	0°𐤆	
evening max el	-3784 Dec 12 j 05:36	9°𐤆45'59	46°36'02		-3781 Jun 03 j 12:10	0°𐤆	
asc. node	-3784 Dec 23 j 11:09	20°𐤆36'54		morning set	-3781 Jun 05 j 20:34	2°𐤆53'37	
	-3783 Jan 03 j 12:58	0°≈		asc. node	-3781 Jun 10 j 07:50	8°𐤆24'12	
greatest brilliancy	-3783 Jan 16 j 12:11	8°≈23'26	-4.6m		-3781 Jun 27 j 18:31	0°II	
retrograde	-3783 Jan 31 j 11:16	12°≈25'01		max. Earth dist.	-3781 Jul 07 j 18:52	12°II27'46	1.72247 AU
evening set	-3783 Feb 18 j 05:32	6°≈16'09					
inferior conj	-3783 Feb 21 j 19:12	4°≈00'46	8°12'00	superior conj	-3781 Jul 12 j 06:26	18°II03'07	1°05'41
minimum elong	-3783 Feb 21 j 21:50	3°≈56'34	8°11'46	minimum elong	-3781 Jul 11 j 21:43	17°II35'54	1°05'35
min. Earth dist.	-3783 Feb 21 j 14:19	4°≈08'35	0.29142 AU		-3781 Jul 21 j 19:59	0°𐤆	
morning rise	-3783 Feb 25 j 14:21	1°≈37'31			-3781 Aug 14 j 18:27	0°𐤆	
	-3783 Feb 28 j 09:26	30°𐤆𐤆		evening rise	-3781 Aug 18 j 14:28	4°𐤆48'40	
direct	-3783 Mar 15 j 07:41	25°𐤆38'39			-3781 Sep 07 j 16:16	0°𐤆	
greatest brilliancy	-3783 Mar 27 j 08:58	28°𐤆14'33	-4.5m	desc. node	-3781 Sep 30 j 02:45	28°𐤆05'15	
	-3783 Mar 31 j 05:21	0°≈			-3781 Oct 01 j 15:29	0°𐤆	
desc. node	-3783 Apr 14 j 07:56	9°≈06'13			-3781 Oct 25 j 17:37	0°𐤆	
morning max el	-3783 May 03 j 03:29	25°≈26'39	45°48'31		-3781 Nov 19 j 00:24	0°𐤆	
	-3783 May 07 j 20:29	0°𐤆			-3781 Dec 13 j 15:26	0°𐤆	
	-3783 Jun 05 j 09:10	0°𐤆			-3780 Jan 07 j 22:40	0°≈	
	-3783 Jul 01 j 17:17	0°𐤆		asc. node	-3780 Jan 20 j 22:58	14°≈53'29	
	-3783 Jul 26 j 22:13	0°II			-3780 Feb 03 j 16:08	0°𐤆	
asc. node	-3783 Aug 05 j 05:44	11°II19'35		evening max el	-3780 Feb 22 j 01:41	18°𐤆50'16	45°19'04
	-3783 Aug 20 j 09:50	0°𐤆			-3780 Mar 05 j 07:37	0°𐤆	
	-3783 Sep 13 j 10:40	0°𐤆		greatest brilliancy	-3780 Mar 27 j 04:45	14°𐤆55'11	-4.5m
	-3783 Oct 07 j 06:17	0°𐤆		retrograde	-3780 Apr 10 j 10:24	18°𐤆27'04	
morning set	-3783 Oct 31 j 01:35	0°𐤆01'17		evening set	-3780 Apr 25 j 20:12	13°𐤆56'25	
	-3783 Oct 31 j 01:10	0°𐤆		inferior conj	-3780 May 01 j 21:45	10°𐤆19'10	2°15'15
	-3783 Nov 23 j 22:04	0°𐤆		minimum elong	-3780 May 02 j 02:29	10°𐤆11'46	2°13'57
desc. node	-3783 Nov 25 j 01:12	1°𐤆25'04		min. Earth dist.	-3780 May 02 j 14:35	9°𐤆52'55	0.28993 AU
				morning rise	-3780 May 08 j 08:08	6°𐤆27'34	
superior conj	-3783 Dec 12 j 07:26	23°𐤆00'19	0°-38'-42	desc. node	-3780 May 11 j 19:22	4°𐤆42'42	
minimum elong	-3783 Dec 11 j 22:05	22°𐤆31'07	0°38'27	direct	-3780 May 23 j 16:18	1°𐤆57'41	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3780 Jun 07 j 03:42	5°Υ34'20	-4.5m			-3777 Feb 14 j 10:10	0°⋈	
	-3780 Jul 09 j 11:03	0°♄		asc. node		-3777 Feb 17 j 11:03	3°♄36'49	
morning max el	-3780 Jul 12 j 00:14	2°♄27'16	46°10'51			-3777 Mar 11 j 23:52	0°Υ	
	-3780 Aug 07 j 05:22	0°♂				-3777 Apr 07 j 18:42	0°♄	
asc. node	-3780 Sep 01 j 17:32	29°♂25'30		evening max el		-3777 May 04 j 03:19	27°♄00'33	45°19'59
	-3780 Sep 02 j 05:10	0°♄				-3777 May 07 j 07:48	0°♂	
	-3780 Sep 27 j 00:02	0°♂		desc. node		-3777 Jun 09 j 07:03	23°♂46'41	
	-3780 Oct 21 j 05:22	0°♄		greatest brilliancy		-3777 Jun 09 j 20:22	24°♂00'10	-4.5m
	-3780 Nov 14 j 06:03	0°♂		retrograde		-3777 Jun 21 j 19:30	26°♂30'29	
	-3780 Dec 08 j 07:03	0°♂		evening set		-3777 Jul 07 j 19:20	21°♂41'23	
desc. node	-3779 Dec 22 j 13:26	17°♂44'50		inferior conj		-3777 Jul 12 j 21:28	18°♂41'29	-6°-58'-32
	-3779 Jan 01 j 10:25	0°♄		minimum elong		-3777 Jul 12 j 11:19	18°♂56'53	6°56'32
morning set	-3779 Jan 16 j 01:31	18°♄07'03		min. Earth dist.		-3777 Jul 13 j 04:13	18°♂31'16	0.27842 AU
	-3779 Jan 25 j 16:15	0°♄		morning rise		-3777 Jul 17 j 03:01	16°♂10'09	
	-3779 Feb 19 j 00:04	0°♄		direct		-3777 Aug 03 j 03:43	10°♂42'58	
				greatest brilliancy		-3777 Aug 17 j 10:04	14°♂22'00	-4.6m
superior conj	-3779 Feb 24 j 02:41	6°♄17'22	-1°-22'-7			-3777 Sep 08 j 12:15	0°♄	
minimum elong	-3779 Feb 24 j 06:16	6°♄28'23	1°22'14	morning max el		-3777 Sep 22 j 16:33	13°♄32'24	46°46'41
max. Earth dist.	-3779 Feb 25 j 16:47	8°♄14'34	1.73349 AU	asc. node		-3777 Sep 30 j 04:52	21°♄21'30	
	-3779 Mar 15 j 09:32	0°♄				-3777 Oct 08 j 03:56	0°♂	
evening rise	-3779 Apr 02 j 04:19	21°♄49'15				-3777 Nov 03 j 06:25	0°♄	
	-3779 Apr 08 j 20:30	0°Υ				-3777 Nov 28 j 06:29	0°♂	
asc. node	-3779 Apr 14 j 09:24	6°Υ47'01				-3777 Dec 22 j 22:04	0°♂	
	-3779 May 03 j 08:56	0°♄				-3776 Jan 16 j 11:58	0°♄	
	-3779 May 27 j 23:07	0°♂		desc. node		-3776 Jan 20 j 01:28	4°♄20'52	
	-3779 Jun 21 j 16:04	0°♄				-3776 Feb 10 j 02:02	0°♄	
	-3779 Jul 16 j 14:10	0°♂				-3776 Mar 05 j 16:01	0°♄	
desc. node	-3779 Aug 04 j 04:26	22°♂05'33		morning set		-3776 Mar 27 j 20:04	27°♄05'24	
	-3779 Aug 10 j 21:56	0°♄				-3776 Mar 30 j 05:10	0°♄	
	-3779 Sep 06 j 01:12	0°♂				-3776 Apr 23 j 16:47	0°Υ	
evening max el	-3779 Sep 29 j 18:32	25°♄29'53	47°35'19	max. Earth dist.		-3776 Apr 30 j 14:32	8°Υ28'46	1.73634 AU
	-3779 Oct 04 j 06:20	0°♂						
greatest brilliancy	-3779 Nov 07 j 00:48	26°♂21'29	-4.7m	superior conj		-3776 May 02 j 20:45	11°Υ15'18	0°-21'00
retrograde	-3779 Nov 19 j 22:08	29°♂30'23		minimum elong		-3776 May 03 j 00:45	11°Υ27'37	0°20'48
asc. node	-3779 Nov 25 j 01:42	28°♂56'48		asc. node		-3776 May 11 j 21:47	22°Υ22'41	
evening set	-3779 Dec 04 j 17:16	25°♂03'56				-3776 May 18 j 02:20	0°♄	
min. Earth dist.	-3779 Dec 09 j 17:10	22°♂04'10	0.27134 AU	evening rise		-3776 Jun 07 j 11:43	25°♄09'38	
inferior conj	-3779 Dec 10 j 17:29	21°♂26'02	3°47'56			-3776 Jun 11 j 09:40	0°♂	
minimum elong	-3779 Dec 10 j 10:00	21°♂37'48	3°45'44			-3776 Jul 05 j 15:20	0°♄	
morning rise	-3779 Dec 16 j 03:29	18°♂09'36				-3776 Jul 29 j 20:41	0°♂	
direct	-3779 Dec 31 j 04:30	13°♂37'26				-3776 Aug 23 j 03:41	0°♄	
greatest brilliancy	-3778 Jan 10 j 22:11	15°♂45'54	-4.6m	desc. node		-3776 Aug 31 j 16:33	10°♄29'55	
	-3778 Feb 02 j 09:08	0°♄				-3776 Sep 16 j 14:40	0°♂	
morning max el	-3778 Feb 18 j 10:28	14°♄28'17	46°07'32			-3776 Oct 11 j 09:02	0°♂	
	-3778 Mar 05 j 19:40	0°♄				-3776 Nov 05 j 18:18	0°♄	
desc. node	-3778 Mar 16 j 22:41	11°♄50'48				-3776 Dec 02 j 15:47	0°♄	
	-3778 Apr 02 j 09:25	0°♄		evening max el		-3776 Dec 09 j 21:29	7°♄30'25	46°39'06
	-3778 Apr 28 j 14:52	0°♄		asc. node		-3776 Dec 22 j 13:22	19°♄40'17	
	-3778 May 24 j 02:10	0°Υ				-3775 Jan 04 j 04:22	0°♄	
	-3778 Jun 18 j 00:09	0°♄						
asc. node	-3778 Jul 07 j 19:58	24°♄16'45		greatest brilliancy		-3775 Jan 14 j 07:12	6°♄15'30	-4.6m
	-3778 Jul 12 j 11:12	0°♂		retrograde		-3775 Jan 29 j 04:11	10°♄14'36	
	-3778 Jul 12 j 11:12	0°♂		evening set		-3775 Feb 15 j 22:47	4°♄05'22	
	-3778 Aug 05 j 13:37	0°♄		inferior conj		-3775 Feb 19 j 11:56	1°♄50'28	8°14'55
morning set	-3778 Aug 14 j 08:13	11°♄00'15		minimum elong		-3775 Feb 19 j 13:53	1°♄47'21	8°14'44
	-3778 Aug 29 j 10:25	0°♂		min. Earth dist.		-3775 Feb 19 j 05:40	2°♄00'32	0.29103 AU
						-3775 Feb 22 j 09:37	30°♄	
superior conj	-3778 Sep 22 j 11:19	0°♄20'12	1°09'57	morning rise		-3775 Feb 23 j 05:14	29°♄29'48	
minimum elong	-3778 Sep 22 j 21:36	0°♄52'39	1°09'45	direct		-3775 Mar 13 j 00:03	23°♄29'16	
	-3778 Sep 22 j 04:55	0°♄		greatest brilliancy		-3775 Mar 24 j 21:39	26°♄01'23	-4.5m
max. Earth dist.	-3778 Sep 23 j 07:27	1°♄23'44	1.70894 AU			-3775 Apr 01 j 19:43	0°♄	
	-3778 Oct 15 j 23:57	0°♄		desc. node		-3775 Apr 13 j 10:02	8°♄02'47	
desc. node	-3778 Oct 27 j 15:04	14°♄37'30		morning max el		-3775 Apr 30 j 18:52	23°♄15'48	45°48'26
evening rise	-3778 Nov 03 j 13:20	23°♄19'16				-3775 May 07 j 16:47	0°♄	
	-3778 Nov 08 j 21:14	0°♂				-3775 Jun 05 j 00:11	0°Υ	
	-3778 Dec 02 j 21:40	0°♄				-3775 Jul 01 j 06:19	0°♄	
	-3778 Dec 27 j 02:16	0°♄				-3775 Jul 26 j 10:19	0°♂	
	-3777 Jan 20 j 13:08	0°♄		asc. node		-3775 Aug 04 j 07:52	10°♂49'49	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3775 Aug 19 j 21:28	0°☿				-3772 Mar 05 j 13:50	0°♃	
	-3775 Sep 12 j 22:04	0°♌		greatest brilliancy	-3772 Mar 24 j 18:09	12°♃43'31	-4.5m	
	-3775 Oct 06 j 17:35	0°♍		retrograde	-3772 Apr 08 j 03:07	16°♃19'28		
morning set	-3775 Oct 28 j 11:25	27°♍25'40		evening set	-3772 Apr 23 j 14:22	11°♃45'34		
	-3775 Oct 30 j 12:25	0°♎		inferior conj	-3772 Apr 29 j 14:15	8°♃10'34	2°33'33	
	-3775 Nov 23 j 09:16	0°♏		minimum elong	-3772 Apr 29 j 19:34	8°♃02'16	2°32'08	
desc. node	-3775 Nov 24 j 03:24	0°♏56'52		min. Earth dist.	-3772 Apr 30 j 07:10	7°♃44'12	0.29028 AU	
				morning rise	-3772 May 06 j 00:11	4°♃19'41		
superior conj	-3775 Dec 09 j 17:02	20°♏25'39	0°-35'-12	desc. node	-3772 May 10 j 21:34	1°♃57'44		
minimum elong	-3775 Dec 09 j 08:19	19°♏58'26	0°34'56		-3772 May 18 j 05:01	30°♌		
max. Earth dist.	-3775 Dec 14 j 17:07	26°♏40'26	1.71751 AU	direct	-3772 May 21 j 08:45	29°♌48'19		
	-3775 Dec 17 j 09:06	0°♐			-3772 May 24 j 13:49	0°♃		
	-3774 Jan 10 j 12:03	0°♑		greatest brilliancy	-3772 Jun 04 j 20:43	3°♃25'43	-4.5m	
evening rise	-3774 Jan 19 j 12:58	11°♑11'49			-3772 Jul 09 j 10:00	0°♌		
	-3774 Feb 03 j 18:25	0°♒		morning max el	-3772 Jul 09 j 16:52	0°♌16'40	46°09'40	
	-3774 Feb 28 j 05:10	0°♓			-3772 Aug 06 j 21:28	0°♈		
asc. node	-3774 Mar 16 j 23:12	20°♓23'17		asc. node	-3772 Aug 31 j 19:31	28°♈50'22		
	-3774 Mar 24 j 21:48	0°♉			-3772 Sep 01 j 18:56	0°☿		
	-3774 Apr 18 j 22:16	0°♊			-3772 Sep 26 j 12:44	0°♌		
	-3774 May 14 j 09:41	0°♈			-3772 Oct 20 j 17:30	0°♍		
	-3774 Jun 09 j 14:55	0°☿			-3772 Nov 13 j 17:50	0°♎		
desc. node	-3774 Jul 06 j 18:41	29°☿21'38			-3772 Dec 07 j 18:36	0°♏		
	-3774 Jul 07 j 09:37	0°♌		desc. node	-3772 Dec 21 j 15:32	17°♏15'51		
evening max el	-3774 Jul 16 j 07:36	8°♌56'39	46°39'05		-3772 Dec 31 j 21:46	0°♐		
	-3774 Aug 09 j 15:40	0°♍		morning set	-3771 Jan 13 j 13:46	15°♐41'33		
greatest brilliancy	-3774 Aug 25 j 00:58	8°♍33'55	-4.6m		-3771 Jan 25 j 03:26	0°♑		
retrograde	-3774 Sep 04 j 06:44	10°♍30'06			-3771 Feb 18 j 11:09	0°♒		
evening set	-3774 Sep 20 j 23:43	5°♍11'24						
inferior conj	-3774 Sep 24 j 21:56	2°♍50'50	-7°-15'-59	superior conj	-3771 Feb 21 j 18:42	4°♒04'53	-1°-22'-42	
minimum elong	-3774 Sep 25 j 08:22	2°♍34'59	7°13'56	minimum elong	-3771 Feb 21 j 21:35	4°♒13'47	1°22'49	
min. Earth dist.	-3774 Sep 25 j 06:45	2°♍37'26	0.26554 AU	max. Earth dist.	-3771 Feb 23 j 10:14	6°♒06'32	1.73312 AU	
morning rise	-3774 Sep 29 j 16:50	0°♍00'43			-3771 Mar 14 j 20:34	0°♓		
	-3774 Sep 29 j 17:21	30°♌		evening rise	-3771 Mar 30 j 22:25	19°♓43'48		
direct	-3774 Oct 15 j 06:42	25°♌14'27			-3771 Apr 08 j 07:34	0°♉		
asc. node	-3774 Oct 27 j 16:19	28°♌06'58		asc. node	-3771 Apr 13 j 11:35	6°♉19'41		
greatest brilliancy	-3774 Oct 27 j 19:57	28°♌10'58	-4.7m		-3771 May 02 j 20:12	0°♊		
	-3774 Oct 31 j 11:58	0°♍			-3771 May 27 j 10:46	0°♈		
morning max el	-3774 Dec 04 j 20:51	28°♍36'10	46°45'13		-3771 Jun 21 j 04:21	0°☿		
	-3774 Dec 06 j 05:45	0°♎			-3771 Jul 16 j 03:22	0°♌		
	-3773 Jan 02 j 21:54	0°♏		desc. node	-3771 Aug 03 j 06:26	21°♌29'39		
	-3773 Jan 29 j 00:32	0°♐			-3771 Aug 10 j 12:38	0°♍		
desc. node	-3773 Feb 16 j 13:14	21°♐44'03			-3771 Sep 05 j 18:42	0°♎		
	-3773 Feb 23 j 13:10	0°♑		evening max el	-3771 Sep 27 j 09:43	23°♎08'20	47°35'32	
	-3773 Mar 20 j 18:14	0°♒			-3771 Oct 04 j 07:41	0°♏		
	-3773 Apr 14 j 17:29	0°♓		greatest brilliancy	-3771 Nov 04 j 16:26	23°♏57'48	-4.7m	
	-3773 May 09 j 11:11	0°♉		retrograde	-3771 Nov 17 j 13:08	27°♏05'32		
	-3773 Jun 02 j 23:09	0°♊		asc. node	-3771 Nov 24 j 03:48	26°♏09'53		
morning set	-3773 Jun 03 j 15:00	0°♊48'47		evening set	-3771 Dec 02 j 05:57	22°♏41'18		
asc. node	-3773 Jun 09 j 10:01	7°♊57'09		min. Earth dist.	-3771 Dec 07 j 07:19	19°♏39'41	0.27067 AU	
	-3773 Jun 27 j 05:27	0°♈		inferior conj	-3771 Dec 08 j 07:24	19°♏02'03	3°27'48	
max. Earth dist.	-3773 Jul 05 j 13:09	10°♈21'01	1.72308 AU	minimum elong	-3771 Dec 08 j 00:25	19°♏12'57	3°25'41	
				morning rise	-3771 Dec 13 j 19:44	15°♏43'00		
superior conj	-3773 Jul 09 j 23:44	15°♈53'11	1°03'37	direct	-3771 Dec 28 j 18:06	11°♏14'33		
minimum elong	-3773 Jul 09 j 14:56	15°♈25'44	1°03'30	greatest brilliancy	-3770 Jan 08 j 11:34	13°♏23'31	-4.6m	
	-3773 Jul 21 j 06:58	0°☿			-3770 Feb 02 j 17:48	0°♐		
	-3773 Aug 14 j 05:34	0°♌		morning max el	-3770 Feb 16 j 01:51	12°♐13'02	46°08'40	
evening rise	-3773 Aug 16 j 04:44	2°♌27'54			-3770 Mar 05 j 14:09	0°♑		
	-3773 Sep 07 j 03:35	0°♍		desc. node	-3770 Mar 16 j 00:49	11°♑11'37		
desc. node	-3773 Sep 29 j 04:51	27°♍35'46			-3770 Apr 02 j 00:06	0°♒		
	-3773 Oct 01 j 03:03	0°♎			-3770 Apr 28 j 03:52	0°♓		
	-3773 Oct 25 j 05:28	0°♏			-3770 May 23 j 14:15	0°♉		
	-3773 Nov 18 j 12:38	0°♐			-3770 Jun 17 j 11:43	0°♊		
	-3773 Dec 13 j 04:19	0°♑		asc. node	-3770 Jul 06 j 22:00	23°♊48'02		
	-3772 Jan 07 j 12:51	0°♒			-3770 Jul 11 j 22:31	0°♈		
asc. node	-3772 Jan 20 j 01:04	14°♒16'17			-3770 Aug 05 j 00:51	0°☿		
	-3772 Feb 03 j 09:31	0°♓		morning set	-3770 Aug 11 j 22:30	8°☿39'11		
evening max el	-3772 Feb 19 j 16:36	16°♓36'55	45°20'51		-3770 Aug 28 j 21:40	0°♌		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3770 Sep 19 j 22:29	27°048'17	1°12'00	morning rise	-3767 Feb 20 j 20:24	27°021'24	
minimum elong	-3770 Sep 20 j 08:18	28°019'13	1°11'51	direct	-3767 Mar 10 j 15:55	21°019'28	
max. Earth dist.	-3770 Sep 20 j 13:06	28°034'23	1.70904 AU	greatest brilliancy	-3767 Mar 22 j 10:57	23°048'32	-4.5m
	-3770 Sep 21 j 16:14	0°00			-3767 Apr 02 j 22:46	0°00	
	-3770 Oct 15 j 11:18	0°00		desc. node	-3767 Apr 12 j 12:16	7°000'54	
desc. node	-3770 Oct 26 j 17:16	14°008'39		morning max el	-3767 Apr 28 j 09:47	21°003'21	45°48'22
evening rise	-3770 Oct 31 j 22:00	20°040'08			-3767 May 07 j 12:39	0°00	
	-3770 Nov 08 j 08:38	0°00			-3767 Jun 04 j 15:12	0°00	
	-3770 Dec 02 j 09:08	0°00			-3767 Jun 30 j 19:28	0°00	
	-3770 Dec 26 j 13:52	0°00			-3767 Jul 25 j 22:35	0°00	
	-3769 Jan 20 j 01:01	0°00		asc. node	-3767 Aug 03 j 09:57	10°019'22	
	-3769 Feb 13 j 22:40	0°00			-3767 Aug 19 j 09:15	0°00	
asc. node	-3769 Feb 16 j 13:02	3°005'20			-3767 Sep 12 j 09:36	0°00	
	-3769 Mar 11 j 13:38	0°00			-3767 Oct 06 j 04:59	0°00	
	-3769 Apr 07 j 11:20	0°00		morning set	-3767 Oct 25 j 21:18	24°049'45	
evening max el	-3769 May 01 j 18:52	24°047'48	45°18'23		-3767 Oct 29 j 23:46	0°00	
	-3769 May 07 j 09:23	0°00			-3767 Nov 22 j 20:35	0°00	
greatest brilliancy	-3769 Jun 07 j 08:40	21°041'27	-4.5m	desc. node	-3767 Nov 23 j 05:25	0°0027'43	
desc. node	-3769 Jun 08 j 09:10	22°004'58					
retrograde	-3769 Jun 19 j 08:59	24°012'40		superior conj	-3767 Dec 07 j 02:34	17°050'18	0°-31'-35
evening set	-3769 Jul 05 j 06:01	19°028'25		minimum elong	-3767 Dec 06 j 18:33	17°025'16	0°31'21
inferior conj	-3769 Jul 10 j 11:37	16°023'23	-6°-44'-35	max. Earth dist.	-3767 Dec 12 j 02:18	24°004'11	1.71693 AU
minimum elong	-3769 Jul 10 j 01:20	16°039'02	6°42'27		-3767 Dec 16 j 20:22	0°00	
min. Earth dist.	-3769 Jul 10 j 18:23	16°013'04	0.27884 AU		-3766 Jan 09 j 23:16	0°00	
morning rise	-3769 Jul 14 j 20:18	13°047'08		evening rise	-3766 Jan 17 j 01:50	8°048'22	
direct	-3769 Jul 31 j 18:45	8°024'13			-3766 Feb 03 j 05:37	0°00	
greatest brilliancy	-3769 Aug 15 j 00:22	12°001'50	-4.6m		-3766 Feb 27 j 16:29	0°00	
	-3769 Sep 08 j 17:50	0°00		asc. node	-3766 Mar 16 j 01:26	19°055'08	
morning max el	-3769 Sep 20 j 06:07	11°007'38	46°45'40		-3766 Mar 24 j 09:27	0°00	
asc. node	-3769 Sep 29 j 07:08	20°034'10			-3766 Apr 18 j 10:35	0°00	
	-3769 Oct 07 j 22:07	0°00			-3766 May 13 j 23:10	0°00	
	-3769 Nov 02 j 21:23	0°00			-3766 Jun 09 j 06:42	0°00	
	-3769 Nov 27 j 19:57	0°00		desc. node	-3766 Jul 05 j 20:41	28°033'11	
	-3769 Dec 22 j 10:39	0°00			-3766 Jul 07 j 06:50	0°00	
	-3768 Jan 15 j 23:58	0°00		evening max el	-3766 Jul 13 j 19:15	6°029'11	46°35'54
desc. node	-3768 Jan 19 j 03:30	3°050'41			-3766 Aug 10 j 18:39	0°00	
	-3768 Feb 09 j 13:36	0°00		greatest brilliancy	-3766 Aug 22 j 13:52	6°005'23	-4.6m
	-3768 Mar 05 j 03:16	0°00		retrograde	-3766 Sep 01 j 18:08	8°000'34	
morning set	-3768 Mar 25 j 14:16	25°000'27		evening set	-3766 Sep 18 j 15:01	2°036'52	
	-3768 Mar 29 j 16:13	0°00		inferior conj	-3766 Sep 22 j 09:58	0°021'22	-7°-29'-49
	-3768 Apr 23 j 03:44	0°00		minimum elong	-3766 Sep 22 j 20:07	0°005'59	7°27'57
max. Earth dist.	-3768 Apr 28 j 11:27	6°031'56	1.73653 AU	min. Earth dist.	-3766 Sep 22 j 19:40	0°006'39	0.26590 AU
					-3766 Sep 23 j 00:03	30°000'00	
superior conj	-3768 Apr 30 j 15:48	9°012'41	0°-23'-55	morning rise	-3766 Sep 27 j 00:58	27°036'52	
minimum elong	-3768 Apr 30 j 20:20	9°026'36	0°23'42	direct	-3766 Oct 12 j 18:41	22°044'10	
asc. node	-3768 May 10 j 23:56	21°055'29		greatest brilliancy	-3766 Oct 25 j 11:14	25°044'06	-4.7m
	-3768 May 17 j 13:19	0°00		asc. node	-3766 Oct 26 j 18:27	26°020'26	
evening rise	-3768 Jun 05 j 06:54	23°006'20			-3766 Nov 02 j 05:30	0°00	
	-3768 Jun 10 j 20:47	0°00		morning max el	-3766 Dec 02 j 10:02	26°008'37	46°46'08
	-3768 Jul 05 j 02:41	0°00			-3766 Dec 06 j 04:04	0°00	
	-3768 Jul 29 j 08:23	0°00			-3765 Jan 02 j 14:20	0°00	
	-3768 Aug 22 j 15:51	0°00			-3765 Jan 28 j 14:34	0°00	
desc. node	-3768 Aug 30 j 18:38	9°058'19		desc. node	-3765 Feb 15 j 15:19	21°011'45	
	-3768 Sep 16 j 03:30	0°00			-3765 Feb 23 j 01:54	0°00	
	-3768 Oct 10 j 22:51	0°00			-3765 Mar 20 j 06:09	0°00	
	-3768 Nov 05 j 09:51	0°00			-3765 Apr 14 j 04:53	0°00	
	-3768 Dec 02 j 11:40	0°00			-3765 May 08 j 22:16	0°00	
evening max el	-3768 Dec 07 j 12:38	5°012'01	46°42'08	morning set	-3765 Jun 01 j 09:35	28°044'37	
asc. node	-3768 Dec 21 j 15:28	18°041'27			-3765 Jun 02 j 10:05	0°00	
	-3767 Jan 05 j 01:35	0°00		asc. node	-3765 Jun 08 j 12:03	7°029'43	
greatest brilliancy	-3767 Jan 12 j 02:03	4°006'29	-4.6m		-3765 Jun 26 j 16:22	0°00	
retrograde	-3767 Jan 26 j 20:49	8°003'39		max. Earth dist.	-3765 Jul 03 j 08:22	8°017'22	1.72372 AU
evening set	-3767 Feb 13 j 15:50	1°054'30					
	-3767 Feb 16 j 16:10	30°000'00		superior conj	-3765 Jul 07 j 17:04	13°043'25	1°01'28
inferior conj	-3767 Feb 17 j 04:44	29°039'49	8°17'08	minimum elong	-3765 Jul 07 j 08:14	13°015'54	1°01'19
minimum elong	-3767 Feb 17 j 06:00	29°037'48	8°16'58		-3765 Jul 20 j 17:58	0°00	
min. Earth dist.	-3767 Feb 16 j 21:24	29°051'36	0.29059 AU	evening rise	-3765 Aug 13 j 19:01	0°007'11	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3765 Aug 13 j 16:44	0°♈				-3762 Mar 05 j 07:59	0°♈		
	-3765 Sep 06 j 14:57	0°♍			desc. node	-3762 Mar 15 j 03:04	10°♈33'48		
desc. node	-3765 Sep 28 j 07:01	27°♍06'26				-3762 Apr 01 j 14:24	0°♍		
	-3765 Sep 30 j 14:38	0°♊				-3762 Apr 27 j 16:32	0°♋		
	-3765 Oct 24 j 17:19	0°♌				-3762 May 23 j 02:02	0°♎		
	-3765 Nov 18 j 00:51	0°♏				-3762 Jun 16 j 23:00	0°♐		
	-3765 Dec 12 j 17:13	0°♑			asc. node	-3762 Jul 06 j 00:08	23°♐20'25		
	-3764 Jan 07 j 03:08	0°♒				-3762 Jul 11 j 09:33	0°♑		
asc. node	-3764 Jan 19 j 03:07	13°♒38'48				-3762 Aug 04 j 11:47	0°♒		
	-3764 Feb 03 j 03:14	0°♈			morning set	-3762 Aug 09 j 13:13	6°♒20'30		
evening max el	-3764 Feb 17 j 08:26	14°♈25'56	45°22'42			-3762 Aug 28 j 08:36	0°♈		
	-3764 Mar 05 j 22:24	0°♎							
greatest brilliancy	-3764 Mar 22 j 08:20	10°♎33'05	-4.5m		superior conj	-3762 Sep 17 j 10:08	25°♈18'55	1°13'53	
retrograde	-3764 Apr 05 j 20:07	14°♎12'02			minimum elong	-3762 Sep 17 j 19:23	25°♈48'05	1°13'45	
evening set	-3764 Apr 21 j 08:40	9°♎34'59			max. Earth dist.	-3762 Sep 17 j 17:06	25°♈40'53	1.70921 AU	
inferior conj	-3764 Apr 27 j 06:44	6°♎02'12	2°51'43			-3762 Sep 21 j 03:13	0°♍		
minimum elong	-3764 Apr 27 j 12:35	5°♎53'04	2°50'09			-3762 Oct 14 j 22:23	0°♊		
min. Earth dist.	-3764 Apr 27 j 23:23	5°♎36'14	0.29059 AU		desc. node	-3762 Oct 25 j 19:18	13°♊40'04		
morning rise	-3764 May 03 j 16:02	2°♎12'19			evening rise	-3762 Oct 29 j 06:33	18°♊01'25		
	-3764 May 08 j 03:56	30°♋				-3762 Nov 07 j 19:48	0°♌		
desc. node	-3764 May 09 j 23:37	29°♋17'26				-3762 Dec 01 j 20:25	0°♏		
direct	-3764 May 19 j 01:34	27°♋39'26				-3762 Dec 26 j 01:17	0°♑		
	-3764 May 30 j 13:12	0°♎				-3761 Jan 19 j 12:43	0°♒		
greatest brilliancy	-3764 Jun 02 j 12:45	1°♎16'30	-4.5m			-3761 Feb 13 j 10:59	0°♋		
morning max el	-3764 Jul 07 j 09:56	28°♎07'52	46°08'26		asc. node	-3761 Feb 15 j 15:18	2°♋35'13		
	-3764 Jul 09 j 07:50	0°♐				-3761 Mar 11 j 03:17	0°♎		
	-3764 Aug 06 j 13:08	0°♑				-3761 Apr 07 j 04:01	0°♐		
asc. node	-3764 Aug 30 j 21:46	28°♑16'37			evening max el	-3761 Apr 29 j 09:39	22°♐33'57	45°16'50	
	-3764 Sep 01 j 08:28	0°♒				-3761 May 07 j 12:05	0°♑		
	-3764 Sep 26 j 01:18	0°♈			greatest brilliancy	-3761 Jun 04 j 21:22	19°♑24'01	-4.5m	
	-3764 Oct 20 j 05:33	0°♍			desc. node	-3761 Jun 07 j 11:15	20°♑20'12		
	-3764 Nov 13 j 05:33	0°♊			retrograde	-3761 Jun 16 j 22:05	21°♑55'59		
	-3764 Dec 07 j 06:02	0°♌			evening set	-3761 Jul 02 j 16:50	17°♑16'13		
desc. node	-3764 Dec 20 j 17:34	16°♌47'02			inferior conj	-3761 Jul 08 j 01:46	14°♑06'28	-6°-29'-57	
	-3764 Dec 31 j 08:58	0°♏			minimum elong	-3761 Jul 07 j 15:26	14°♑22'13	6°27'43	
morning set	-3763 Jan 11 j 01:38	13°♏15'16			min. Earth dist.	-3761 Jul 08 j 08:59	13°♑55'28	0.27922 AU	
	-3763 Jan 24 j 14:28	0°♑			morning rise	-3761 Jul 12 j 13:36	11°♑25'21		
	-3763 Feb 17 j 22:05	0°♒			direct	-3761 Jul 29 j 09:17	6°♑06'32		
					greatest brilliancy	-3761 Aug 12 j 15:18	9°♑43'39	-4.6m	
superior conj	-3763 Feb 19 j 10:23	1°♒51'48	-1°-23'-9			-3761 Sep 08 j 21:06	0°♒		
minimum elong	-3763 Feb 19 j 12:32	1°♒58'27	1°23'18		morning max el	-3761 Sep 17 j 18:52	8°♒42'09	46°44'50	
max. Earth dist.	-3763 Feb 21 j 05:03	4°♒03'12	1.73275 AU		asc. node	-3761 Sep 28 j 09:15	19°♒48'24		
	-3763 Mar 14 j 07:27	0°♋				-3761 Oct 07 j 15:28	0°♈		
evening rise	-3763 Mar 28 j 16:23	17°♋38'24				-3761 Nov 02 j 11:45	0°♍		
	-3763 Apr 07 j 18:30	0°♎				-3761 Nov 27 j 08:57	0°♊		
asc. node	-3763 Apr 12 j 13:42	5°♎52'36				-3761 Dec 21 j 22:53	0°♌		
	-3763 May 02 j 07:19	0°♐				-3760 Jan 15 j 11:40	0°♏		
	-3763 May 26 j 22:15	0°♑			desc. node	-3760 Jan 18 j 05:38	3°♏21'36		
	-3763 Jun 20 j 16:26	0°♒				-3760 Feb 09 j 00:54	0°♑		
	-3763 Jul 15 j 16:25	0°♈				-3760 Mar 04 j 14:15	0°♍		
desc. node	-3763 Aug 02 j 08:34	20°♈54'44			morning set	-3760 Mar 23 j 07:59	22°♈54'50		
	-3763 Aug 10 j 03:14	0°♍				-3760 Mar 29 j 02:59	0°♋		
	-3763 Sep 05 j 12:22	0°♊				-3760 Apr 22 j 14:25	0°♎		
evening max el	-3763 Sep 25 j 01:36	20°♊48'49	47°35'21		max. Earth dist.	-3760 Apr 26 j 07:40	4°♎33'56	1.73670 AU	
	-3763 Oct 04 j 10:19	0°♌							
greatest brilliancy	-3763 Nov 02 j 08:23	21°♌34'06	-4.7m		superior conj	-3760 Apr 28 j 10:36	7°♎10'16	0°-26'-50	
retrograde	-3763 Nov 15 j 03:49	24°♌39'31			minimum elong	-3760 Apr 28 j 15:38	7°♎25'42	0°26'36	
asc. node	-3763 Nov 23 j 05:53	23°♌16'21			asc. node	-3760 May 10 j 01:56	21°♎28'44		
evening set	-3763 Nov 29 j 18:31	20°♌17'40				-3760 May 17 j 00:02	0°♐		
min. Earth dist.	-3763 Dec 04 j 21:14	17°♌14'08	0.26999 AU		evening rise	-3760 Jun 03 j 02:01	21°♐03'46		
inferior conj	-3763 Dec 05 j 20:56	16°♌37'07	3°06'49			-3760 Jun 10 j 07:40	0°♑		
minimum elong	-3763 Dec 05 j 14:33	16°♌47'06	3°04'51			-3760 Jul 04 j 13:48	0°♒		
morning rise	-3763 Dec 11 j 11:31	13°♌15'29				-3760 Jul 28 j 19:50	0°♈		
direct	-3763 Dec 26 j 07:36	8°♌51'00				-3760 Aug 22 j 03:45	0°♍		
greatest brilliancy	-3762 Jan 06 j 00:08	10°♌59'39	-4.6m		desc. node	-3760 Aug 29 j 20:51	9°♍28'07		
	-3762 Feb 02 j 23:59	0°♏				-3760 Sep 15 j 16:01	0°♊		
morning max el	-3762 Feb 13 j 16:33	9°♏56'22	46°09'51			-3760 Oct 10 j 12:20	0°♌		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3760 Nov 05 j 01:10	0°♂				-3757 Apr 13 j 16:05	0°♂		
	-3760 Dec 02 j 07:42	0°♂				-3757 May 08 j 09:12	0°♀		
evening max el	-3760 Dec 05 j 03:04	2°♂52'45	46°45'02	morning set		-3757 May 30 j 04:11	26°♀40'59		
asc. node	-3760 Dec 20 j 17:34	17°♂42'15				-3757 Jun 01 j 20:53	0°♂		
	-3759 Jan 06 j 06:24	0°♂		asc. node		-3757 Jun 07 j 14:11	7°♂03'05		
greatest brilliancy	-3759 Jan 09 j 19:46	1°♂56'25	-4.6m			-3757 Jun 26 j 03:08	0°♂		
retrograde	-3759 Jan 24 j 13:16	5°♂53'09		max. Earth dist.		-3757 Jul 01 j 03:05	6°♂12'41	1.72433 AU	
	-3759 Feb 10 j 22:12	30°♂							
evening set	-3759 Feb 11 j 08:26	29°♂44'17		superior conj		-3757 Jul 05 j 10:22	11°♂34'08	0°59'13	
inferior conj	-3759 Feb 14 j 21:28	27°♂29'30	8°18'30	minimum elong		-3757 Jul 05 j 01:34	11°♂06'42	0°59'03	
minimum elong	-3759 Feb 14 j 22:01	27°♂28'37	8°18'22			-3757 Jul 20 j 04:49	0°♂		
min. Earth dist.	-3759 Feb 14 j 13:16	27°♂42'40	0.29018 AU	evening rise		-3757 Aug 11 j 09:27	27°♂47'23		
morning rise	-3759 Feb 18 j 11:47	25°♂13'00				-3757 Aug 13 j 03:46	0°♂		
direct	-3759 Mar 08 j 07:23	19°♂09'47				-3757 Sep 06 j 02:13	0°♂		
greatest brilliancy	-3759 Mar 20 j 01:25	21°♂37'24	-4.5m	desc. node		-3757 Sep 27 j 09:01	26°♂36'52		
	-3759 Apr 03 j 18:18	0°♂				-3757 Sep 30 j 02:08	0°♂		
desc. node	-3759 Apr 11 j 14:16	6°♂00'34				-3757 Oct 24 j 05:05	0°♂		
morning max el	-3759 Apr 26 j 00:48	18°♂51'42	45°48'24			-3757 Nov 17 j 13:00	0°♂		
	-3759 May 07 j 07:40	0°♂				-3757 Dec 12 j 06:01	0°♂		
	-3759 Jun 04 j 05:46	0°♀				-3756 Jan 06 j 17:21	0°♂		
	-3759 Jun 30 j 08:16	0°♂		asc. node		-3756 Jan 18 j 05:22	13°♂02'16		
	-3759 Jul 25 j 10:31	0°♂				-3756 Feb 02 j 21:05	0°♂		
asc. node	-3759 Aug 02 j 12:07	9°♂50'03		evening max el		-3756 Feb 15 j 00:58	12°♂17'23	45°24'33	
	-3759 Aug 18 j 20:45	0°♂				-3756 Mar 06 j 09:36	0°♀		
	-3759 Sep 11 j 20:51	0°♂		greatest brilliancy		-3756 Mar 19 j 23:42	8°♀25'04	-4.5m	
	-3759 Oct 05 j 16:07	0°♂		retrograde		-3756 Apr 03 j 13:08	12°♀05'28		
morning set	-3759 Oct 23 j 07:38	22°♂16'07		evening set		-3756 Apr 19 j 03:19	7°♀25'24		
	-3759 Oct 29 j 10:49	0°♂		inferior conj		-3756 Apr 24 j 23:26	3°♀54'47	3°09'29	
desc. node	-3759 Nov 22 j 07:29	29°♂59'48		minimum elong		-3756 Apr 25 j 05:48	3°♀44'50	3°07'48	
	-3759 Nov 22 j 07:33	0°♂		min. Earth dist.		-3756 Apr 25 j 15:40	3°♀29'26	0.29091 AU	
				morning rise		-3756 May 01 j 07:55	0°♀05'57		
superior conj	-3759 Dec 04 j 12:24	15°♂16'55	0°-27'-55			-3756 May 01 j 12:15	30°♂		
minimum elong	-3759 Dec 04 j 05:10	14°♂54'18	0°27'43	desc. node		-3756 May 09 j 01:43	26°♂42'26		
max. Earth dist.	-3759 Dec 09 j 10:18	21°♂25'15	1.71635 AU	direct		-3756 May 16 j 18:59	25°♂31'36		
	-3759 Dec 16 j 07:16	0°♂		greatest brilliancy		-3756 May 31 j 04:04	29°♂06'55	-4.5m	
	-3758 Jan 09 j 10:08	0°♂				-3756 Jun 01 j 23:34	0°♀		
evening rise	-3758 Jan 14 j 14:50	6°♂26'20		morning max el		-3756 Jul 05 j 02:53	25°♀59'06	46°07'05	
	-3758 Feb 02 j 16:32	0°♂				-3756 Jul 09 j 04:50	0°♂		
	-3758 Feb 27 j 03:34	0°♂				-3756 Aug 06 j 04:32	0°♂		
asc. node	-3758 Mar 15 j 03:29	19°♂27'09		asc. node		-3756 Aug 29 j 23:54	27°♂42'44		
	-3758 Mar 23 j 20:54	0°♀				-3756 Aug 31 j 21:52	0°♂		
	-3758 Apr 17 j 22:43	0°♂				-3756 Sep 25 j 13:47	0°♂		
	-3758 May 13 j 12:33	0°♂				-3756 Oct 19 j 17:32	0°♂		
	-3758 Jun 08 j 22:29	0°♂				-3756 Nov 12 j 17:12	0°♂		
desc. node	-3758 Jul 04 j 22:52	27°♂44'58				-3756 Dec 06 j 17:27	0°♂		
	-3758 Jul 07 j 04:35	0°♂		desc. node		-3756 Dec 19 j 19:43	16°♂18'31		
evening max el	-3758 Jul 11 j 07:23	4°♂03'43	46°32'43			-3756 Dec 30 j 20:10	0°♂		
	-3758 Aug 12 j 08:13	0°♂		morning set		-3755 Jan 08 j 13:38	10°♂49'19		
greatest brilliancy	-3758 Aug 20 j 01:35	3°♂36'15	-4.6m			-3755 Jan 24 j 01:29	0°♂		
retrograde	-3758 Aug 30 j 05:59	5°♂31'36							
evening set	-3758 Sep 16 j 06:09	0°♂02'43		superior conj		-3755 Feb 17 j 02:14	29°♂39'17	-1°-23'-28	
	-3758 Sep 16 j 08:02	30°♂		minimum elong		-3755 Feb 17 j 03:39	29°♂43'41	1°23'38	
inferior conj	-3758 Sep 19 j 21:53	27°♂52'11	-7°-42'-44			-3755 Feb 17 j 08:57	0°♂		
minimum elong	-3758 Sep 20 j 07:40	27°♂37'23	7°41'02	max. Earth dist.		-3755 Feb 19 j 02:08	2°♂06'50	1.73232 AU	
min. Earth dist.	-3758 Sep 20 j 08:09	27°♂36'39	0.26626 AU			-3755 Mar 13 j 18:16	0°♂		
morning rise	-3758 Sep 24 j 08:56	25°♂13'36		evening rise		-3755 Mar 26 j 10:37	15°♂33'56		
direct	-3758 Oct 10 j 07:09	20°♂14'12				-3755 Apr 07 j 05:23	0°♀		
greatest brilliancy	-3758 Oct 23 j 02:10	23°♂17'21	-4.7m	asc. node		-3755 Apr 11 j 15:44	5°♀25'24		
asc. node	-3758 Oct 25 j 20:28	24°♂38'19				-3755 May 01 j 18:26	0°♂		
	-3758 Nov 03 j 10:04	0°♂				-3755 May 26 j 09:48	0°♂		
morning max el	-3758 Nov 30 j 00:04	23°♂43'59	46°47'14			-3755 Jun 20 j 04:39	0°♂		
	-3758 Dec 06 j 01:18	0°♂				-3755 Jul 15 j 05:39	0°♂		
	-3757 Jan 02 j 06:11	0°♂		desc. node		-3755 Aug 01 j 10:44	20°♂19'21		
	-3757 Jan 28 j 04:09	0°♂				-3755 Aug 09 j 18:07	0°♂		
desc. node	-3757 Feb 14 j 17:31	20°♂40'50				-3755 Sep 05 j 06:32	0°♂		
	-3757 Feb 22 j 14:16	0°♂		evening max el		-3755 Sep 22 j 17:19	18°♂28'35	47°35'01	
	-3757 Mar 19 j 17:48	0°♂				-3755 Oct 04 j 14:41	0°♂		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3755 Oct 31 j 01:07	19° \mathbb{M} 10'58	-4.7m	superior conj	-3752 Apr 26 j 05:43	5° Υ 08'01	0°-29'-41
retrograde	-3755 Nov 12 j 18:03	22° \mathbb{M} 12'47		minimum elong	-3752 Apr 26 j 11:14	5° Υ 24'55	0°29'26
asc. node	-3755 Nov 22 j 08:06	20° \mathbb{M} 16'45		asc. node	-3752 May 09 j 04:08	21° Υ 01'47	
evening set	-3755 Nov 27 j 07:16	17° \mathbb{M} 53'19			-3752 May 16 j 11:00	0° \mathcal{B}	
min. Earth dist.	-3755 Dec 02 j 11:27	14° \mathbb{M} 47'37	0.26932 AU	evening rise	-3752 May 31 j 21:36	19° \mathcal{B} 02'03	
inferior conj	-3755 Dec 03 j 10:26	14° \mathbb{M} 11'42	2°45'25		-3752 Jun 09 j 18:46	0° \mathbb{I}	
minimum elong	-3755 Dec 03 j 04:41	14° \mathbb{M} 20'41	2°43'36		-3752 Jul 04 j 01:10	0° \mathcal{S}	
morning rise	-3755 Dec 09 j 03:05	10° \mathbb{M} 47'23			-3752 Jul 28 j 07:34	0° \mathcal{Q}	
direct	-3755 Dec 23 j 20:59	6° \mathbb{M} 26'57			-3752 Aug 21 j 16:01	0° \mathbb{P}	
greatest brilliancy	-3754 Jan 03 j 13:02	8° \mathbb{M} 35'20	-4.6m	desc. node	-3752 Aug 28 j 22:49	8° \mathbb{P} 55'58	
	-3754 Feb 03 j 04:21	0° \mathcal{X}			-3752 Sep 15 j 05:00	0° \mathcal{A}	
morning max el	-3754 Feb 11 j 06:32	7° \mathcal{X} 37'26	46°11'10		-3752 Oct 10 j 02:23	0° \mathbb{M}	
	-3754 Mar 05 j 01:31	0° \mathcal{Z}			-3752 Nov 04 j 17:12	0° \mathcal{X}	
desc. node	-3754 Mar 14 j 05:01	9° \mathcal{Z} 55'16			-3752 Dec 02 j 04:56	0° \mathcal{Z}	
	-3754 Apr 01 j 04:36	0° \approx		evening max el	-3752 Dec 02 j 17:25	0° \mathcal{Z} 31'47	46°48'05
	-3754 Apr 27 j 05:11	0° \mathcal{H}		asc. node	-3752 Dec 19 j 19:47	16° \mathcal{Z} 40'27	
	-3754 May 22 j 13:50	0° Υ		greatest brilliancy	-3751 Jan 07 j 12:36	29° \mathcal{Z} 43'33	-4.6m
	-3754 Jun 16 j 10:23	0° \mathcal{B}			-3751 Jan 08 j 01:55	0° \approx	
asc. node	-3754 Jul 05 j 02:19	22° \mathcal{B} 52'34		retrograde	-3751 Jan 22 j 05:56	3° \approx 41'10	
	-3754 Jul 10 j 20:44	0° \mathbb{I}			-3751 Feb 04 j 17:56	30° \mathcal{R} \mathcal{Z}	
	-3754 Aug 03 j 22:55	0° \mathcal{S}		evening set	-3751 Feb 09 j 00:37	27° \mathcal{Z} 32'46	
morning set	-3754 Aug 07 j 03:56	4° \mathcal{S} 01'16		min. Earth dist.	-3751 Feb 12 j 04:49	25° \mathcal{Z} 32'22	0.28974 AU
	-3754 Aug 27 j 19:46	0° \mathcal{Q}		inferior conj	-3751 Feb 12 j 14:04	25° \mathcal{Z} 17'31	8°19'11
				minimum elong	-3751 Feb 12 j 13:54	25° \mathcal{Z} 17'48	8°19'03
superior conj	-3754 Sep 14 j 21:51	22° \mathcal{Q} 49'08	1°15'37	morning rise	-3751 Feb 16 j 03:21	23° \mathcal{Z} 02'43	
minimum elong	-3754 Sep 15 j 06:27	23° \mathcal{Q} 16'15	1°15'31	direct	-3751 Mar 05 j 22:42	16° \mathcal{Z} 58'20	
max. Earth dist.	-3754 Sep 14 j 17:52	22° \mathcal{Q} 36'36	1.70940 AU	greatest brilliancy	-3751 Mar 17 j 16:22	19° \mathcal{Z} 25'27	-4.5m
	-3754 Sep 20 j 14:26	0° \mathbb{P}			-3751 Apr 04 j 09:29	0° \approx	
	-3754 Oct 14 j 09:40	0° \mathcal{A}		desc. node	-3751 Apr 10 j 16:26	5° \approx 00'46	
desc. node	-3754 Oct 24 j 21:21	13° \mathcal{A} 10'56		morning max el	-3751 Apr 23 j 16:37	16° \approx 40'50	45°48'38
evening rise	-3754 Oct 26 j 14:57	15° \mathcal{A} 21'31			-3751 May 07 j 02:37	0° \mathcal{H}	
	-3754 Nov 07 j 07:10	0° \mathbb{M}			-3751 Jun 03 j 20:30	0° Υ	
	-3754 Dec 01 j 07:54	0° \mathcal{X}			-3751 Jun 29 j 21:17	0° \mathcal{B}	
	-3754 Dec 25 j 12:57	0° \mathcal{Z}			-3751 Jul 24 j 22:41	0° \mathbb{I}	
	-3753 Jan 19 j 00:41	0° \approx		asc. node	-3751 Aug 01 j 14:14	9° \mathbb{I} 19'51	
	-3753 Feb 12 j 23:35	0° \mathcal{H}			-3751 Aug 18 j 08:29	0° \mathcal{S}	
asc. node	-3753 Feb 14 j 17:22	2° \mathcal{H} 03'50			-3751 Sep 11 j 08:23	0° \mathcal{Q}	
	-3753 Mar 10 j 17:14	0° Υ			-3751 Oct 05 j 03:35	0° \mathbb{P}	
	-3753 Apr 06 j 21:11	0° \mathcal{B}		morning set	-3751 Oct 20 j 17:48	19° \mathbb{P} 40'40	
evening max el	-3753 Apr 26 j 23:44	20° \mathcal{B} 18'16	45°15'27		-3751 Oct 28 j 22:16	0° \mathcal{A}	
	-3753 May 07 j 16:32	0° \mathbb{I}		desc. node	-3751 Nov 21 j 09:41	29° \mathcal{A} 30'53	
greatest brilliancy	-3753 Jun 02 j 09:32	17° \mathbb{I} 06'11	-4.5m		-3751 Nov 21 j 18:58	0° \mathbb{M}	
desc. node	-3753 Jun 06 j 13:23	18° \mathbb{I} 31'38		superior conj	-3751 Dec 01 j 21:32	12° \mathbb{M} 39'44	0°-24'-9
retrograde	-3753 Jun 14 j 11:32	19° \mathbb{I} 40'00		minimum elong	-3751 Dec 01 j 15:09	12° \mathbb{M} 19'48	0°23'58
evening set	-3753 Jun 30 j 04:02	15° \mathbb{I} 04'00		max. Earth dist.	-3751 Dec 06 j 16:12	18° \mathbb{M} 38'16	1.71582 AU
inferior conj	-3753 Jul 05 j 16:13	11° \mathbb{I} 49'56	-6°-14'-43		-3751 Dec 15 j 18:38	0° \mathcal{X}	
minimum elong	-3753 Jul 05 j 05:52	12° \mathbb{I} 05'42	6°12'25		-3750 Jan 08 j 21:27	0° \mathcal{Z}	
min. Earth dist.	-3753 Jul 05 j 23:57	11° \mathbb{I} 38'08	0.27968 AU	evening rise	-3750 Jan 12 j 03:11	4° \mathcal{Z} 00'54	
morning rise	-3753 Jul 10 j 07:10	9° \mathbb{I} 04'06			-3750 Feb 02 j 03:53	0° \approx	
direct	-3753 Jul 26 j 23:48	3° \mathbb{I} 48'56			-3750 Feb 26 j 15:05	0° \mathcal{H}	
greatest brilliancy	-3753 Aug 10 j 07:50	7° \mathbb{I} 27'19	-4.6m	asc. node	-3750 Mar 14 j 05:33	18° \mathcal{H} 57'57	
	-3753 Sep 08 j 23:13	0° \mathcal{S}			-3750 Mar 23 j 08:48	0° Υ	
morning max el	-3753 Sep 15 j 07:59	6° \mathcal{S} 16'39	46°43'51		-3750 Apr 17 j 11:18	0° \mathcal{B}	
asc. node	-3753 Sep 27 j 11:17	19° \mathcal{S} 01'59			-3750 May 13 j 02:23	0° \mathbb{I}	
	-3753 Oct 07 j 08:50	0° \mathcal{Q}			-3750 Jun 08 j 14:50	0° \mathcal{S}	
	-3753 Nov 02 j 02:21	0° \mathbb{P}		desc. node	-3750 Jul 04 j 01:03	26° \mathcal{S} 55'23	
	-3753 Nov 26 j 22:14	0° \mathcal{A}			-3750 Jul 07 j 03:24	0° \mathcal{Q}	
	-3752 Jan 14 j 23:38	0° \mathcal{X}		evening max el	-3750 Jul 08 j 20:40	1° \mathcal{Q} 40'54	46°29'42
desc. node	-3752 Jan 17 j 07:47	2° \mathcal{X} 51'43			-3750 Aug 14 j 18:00	0° \mathbb{P}	
	-3752 Feb 08 j 12:28	0° \mathcal{Z}		greatest brilliancy	-3750 Aug 17 j 12:15	1° \mathbb{P} 06'28	-4.6m
	-3752 Mar 04 j 01:31	0° \approx		retrograde	-3750 Aug 27 j 18:25	3° \mathbb{P} 03'02	
morning set	-3752 Mar 21 j 01:44	20° \approx 48'19			-3750 Sep 09 j 03:55	30° \mathcal{R} \mathcal{Q}	
	-3752 Mar 28 j 14:02	0° \mathcal{H}		evening set	-3750 Sep 13 j 21:26	27° \mathcal{Q} 29'13	
	-3752 Apr 22 j 01:22	0° Υ		inferior conj	-3750 Sep 17 j 10:03	25° \mathcal{Q} 23'17	-7°-54'-30
max. Earth dist.	-3752 Apr 24 j 04:12	2° Υ 36'00	1.73683 AU	minimum elong	-3750 Sep 17 j 19:23	25° \mathcal{Q} 09'11	7°52'59
				min. Earth dist.	-3750 Sep 17 j 20:20	25° \mathcal{Q} 07'45	0.26668 AU

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning rise	-3750 Sep 21 j 17:09	22°Ω50'38		evening rise	-3747 Mar 24 j 04:13	13°✕26'50	
direct	-3750 Oct 07 j 20:29	17°Ω44'45			-3747 Apr 06 j 16:29	0°Υ	
greatest brilliancy	-3750 Oct 20 j 16:31	20°Ω49'46	-4.7m	asc. node	-3747 Apr 10 j 17:56	4°Υ58'05	
asc. node	-3750 Oct 24 j 22:46	23°Ω00'10			-3747 May 01 j 05:45	0°♄	
	-3750 Nov 04 j 07:08	0°♍			-3747 May 25 j 21:33	0°♊	
morning max el	-3750 Nov 27 j 14:40	21°♍19'47	46°47'52		-3747 Jun 19 j 17:05	0°♎	
	-3750 Dec 05 j 22:13	0°♊			-3747 Jul 14 j 19:06	0°♏	
	-3749 Jan 01 j 22:14	0°♌		desc. node	-3747 Jul 31 j 12:44	19°♏42'58	
	-3749 Jan 27 j 18:05	0°♌			-3747 Aug 09 j 09:16	0°♍	
desc. node	-3749 Feb 13 j 19:32	20°♌08'05			-3747 Sep 05 j 01:09	0°♊	
	-3749 Feb 22 j 03:00	0°♋		evening max el	-3747 Sep 20 j 08:17	16°♊06'28	47°34'40
	-3749 Mar 19 j 05:48	0°♌			-3747 Oct 04 j 20:51	0°♌	
	-3749 Apr 13 j 03:36	0°✕		greatest brilliancy	-3747 Oct 28 j 18:32	16°♌49'06	-4.7m
	-3749 May 07 j 20:26	0°Υ		retrograde	-3747 Nov 10 j 07:50	19°♌46'35	
morning set	-3749 May 27 j 22:49	24°Υ36'36		asc. node	-3747 Nov 21 j 10:13	17°♌12'50	
	-3749 Jun 01 j 07:58	0°♄		evening set	-3747 Nov 24 j 20:22	15°♌29'18	
asc. node	-3749 Jun 06 j 16:21	6°♄35'33		min. Earth dist.	-3747 Nov 30 j 02:07	12°♌21'23	0.26868 AU
	-3749 Jun 25 j 14:12	0°♊		inferior conj	-3747 Dec 01 j 00:06	11°♌47'01	2°23'48
max. Earth dist.	-3749 Jun 28 j 20:08	4°♊02'02	1.72488 AU	minimum elong	-3747 Nov 30 j 19:02	11°♌54'57	2°22'09
				morning rise	-3747 Dec 06 j 18:38	8°♌20'05	
superior conj	-3749 Jul 03 j 03:58	9°♊24'58	0°56'54	direct	-3747 Dec 21 j 10:05	4°♌03'34	
minimum elong	-3749 Jul 02 j 19:15	8°♊57'49	0°56'44	greatest brilliancy	-3746 Jan 01 j 02:50	6°♌12'25	-4.6m
	-3749 Jul 19 j 15:57	0°♎			-3746 Feb 03 j 06:56	0°♌	
evening rise	-3749 Aug 09 j 00:23	25°♎28'31		morning max el	-3746 Feb 08 j 19:36	5°♌16'13	46°12'16
	-3749 Aug 12 j 15:01	0°♏			-3746 Mar 04 j 18:42	0°♋	
	-3749 Sep 05 j 13:39	0°♍		desc. node	-3746 Mar 13 j 07:11	9°♋17'37	
desc. node	-3749 Sep 26 j 11:08	26°♍07'08			-3746 Mar 31 j 18:42	0°♌	
	-3749 Sep 29 j 13:49	0°♊			-3746 Apr 26 j 17:50	0°✕	
	-3749 Oct 23 j 17:04	0°♌			-3746 May 22 j 01:41	0°Υ	
	-3749 Nov 17 j 01:26	0°♌			-3746 Jun 15 j 21:46	0°♄	
	-3749 Dec 11 j 19:14	0°♋		asc. node	-3746 Jul 04 j 04:22	22°♄24'16	
	-3748 Jan 06 j 08:08	0°♌			-3746 Jul 10 j 07:54	0°♊	
asc. node	-3748 Jan 17 j 07:27	12°♌23'41			-3746 Aug 03 j 10:01	0°♎	
	-3748 Feb 02 j 15:53	0°✕		morning set	-3746 Aug 04 j 18:34	1°♎41'56	
evening max el	-3748 Feb 12 j 17:23	10°✕07'01	45°26'27		-3746 Aug 27 j 06:53	0°♏	
	-3748 Mar 07 j 01:34	0°Υ					
greatest brilliancy	-3748 Mar 17 j 16:13	6°Υ16'57	-4.5m	superior conj	-3746 Sep 12 j 09:42	20°♏19'58	1°17'11
retrograde	-3748 Apr 01 j 05:38	9°Υ57'09		minimum elong	-3746 Sep 12 j 17:37	20°♏44'58	1°17'08
evening set	-3748 Apr 16 j 21:53	5°Υ14'13		max. Earth dist.	-3746 Sep 11 j 19:49	19°♏36'10	1.70964 AU
inferior conj	-3748 Apr 22 j 15:56	1°Υ45'51	3°26'58		-3746 Sep 20 j 01:35	0°♍	
minimum elong	-3748 Apr 22 j 22:47	1°Υ35'08	3°25'12		-3746 Oct 13 j 20:52	0°♊	
min. Earth dist.	-3748 Apr 23 j 07:50	1°Υ20'59	0.29118 AU	evening rise	-3746 Oct 23 j 23:33	12°♊42'31	
	-3748 Apr 25 j 12:05	30°♌		desc. node	-3746 Oct 23 j 23:33	12°♊42'32	
morning rise	-3748 Apr 28 j 23:23	27°♌58'07			-3746 Nov 06 j 18:27	0°♌	
desc. node	-3748 May 08 j 03:56	24°♌10'00			-3746 Nov 30 j 19:16	0°♌	
direct	-3748 May 14 j 12:11	23°♌22'25			-3746 Dec 25 j 00:26	0°♋	
greatest brilliancy	-3748 May 28 j 18:15	26°♌54'38	-4.5m		-3745 Jan 18 j 12:30	0°♌	
	-3748 Jun 03 j 13:32	0°Υ			-3745 Feb 12 j 12:05	0°✕	
morning max el	-3748 Jul 02 j 18:50	23°Υ47'07	46°05'51	asc. node	-3745 Feb 13 j 19:26	1°✕32'45	
	-3748 Jul 09 j 01:28	0°♄			-3745 Mar 10 j 07:14	0°Υ	
	-3748 Aug 05 j 19:58	0°♊			-3745 Apr 06 j 14:41	0°♄	
asc. node	-3748 Aug 29 j 01:55	27°♊08'12		evening max el	-3745 Apr 24 j 13:28	18°♄01'55	45°14'08
	-3748 Aug 31 j 11:21	0°♎			-3745 May 07 j 23:03	0°♊	
	-3748 Sep 25 j 02:19	0°♏		greatest brilliancy	-3745 May 30 j 20:50	14°♊47'19	-4.5m
	-3748 Oct 19 j 05:33	0°♍		desc. node	-3745 Jun 05 j 15:31	16°♊38'42	
	-3748 Nov 12 j 04:54	0°♊		retrograde	-3745 Jun 12 j 01:20	17°♊24'08	
	-3748 Dec 06 j 04:55	0°♌		evening set	-3745 Jun 27 j 15:17	12°♊51'25	
desc. node	-3748 Dec 18 j 21:48	15°♌49'36		inferior conj	-3745 Jul 03 j 06:32	9°♊33'24	-5°-58'-55
	-3748 Dec 30 j 07:28	0°♌		minimum elong	-3745 Jul 02 j 20:15	9°♊49'05	5°56'32
morning set	-3747 Jan 06 j 01:23	8°♌22'11		min. Earth dist.	-3745 Jul 03 j 14:41	9°♊20'59	0.28013 AU
	-3747 Jan 23 j 12:39	0°♋		morning rise	-3745 Jul 08 j 00:38	6°♊43'08	
				direct	-3745 Jul 24 j 14:14	1°♊31'17	
superior conj	-3747 Feb 14 j 17:33	27°♋24'29	-1°-23'-41	greatest brilliancy	-3745 Aug 08 j 01:06	5°♊12'24	-4.6m
minimum elong	-3747 Feb 14 j 18:13	27°♋26'31	1°23'50		-3745 Sep 08 j 23:51	0°♎	
	-3747 Feb 16 j 20:01	0°♌		morning max el	-3745 Sep 12 j 21:40	3°♎53'15	46°42'56
max. Earth dist.	-3747 Feb 16 j 22:45	0°♌08'25	1.73191 AU	asc. node	-3745 Sep 26 j 13:35	18°♎17'24	
	-3747 Mar 13 j 05:18	0°✕			-3745 Oct 07 j 01:41	0°♏	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3745 Nov 01 j 16:36	0° \mathbb{M}				-3742 Jun 08 j 07:07	0° \mathfrak{G}		
	-3745 Nov 26 j 11:13	0° \mathfrak{L}			desc. node	-3742 Jul 03 j 03:02	26° \mathfrak{G} 05'09		
	-3745 Dec 20 j 23:36	0° \mathbb{M}			evening max el	-3742 Jul 06 j 10:30	29° \mathfrak{G} 20'14	46°26'24	
	-3744 Jan 14 j 11:19	0° \mathfrak{A}				-3742 Jul 07 j 02:56	0° \mathfrak{Q}		
desc. node	-3744 Jan 16 j 09:48	2° \mathfrak{A} 22'19			greatest brilliancy	-3742 Aug 14 j 23:03	28° \mathfrak{Q} 37'18	-4.6m	
	-3744 Feb 07 j 23:43	0° \mathfrak{Z}				-3742 Aug 19 j 19:03	0° \mathbb{M}		
	-3744 Mar 03 j 12:28	0° \approx			retrograde	-3742 Aug 25 j 06:38	0° \mathbb{M} 34'28		
morning set	-3744 Mar 18 j 19:29	18° \approx 42'38				-3742 Aug 30 j 14:43	30° \mathfrak{R} \mathfrak{Q}		
	-3744 Mar 28 j 00:48	0° \mathfrak{H}			evening set	-3742 Sep 11 j 12:26	24° \mathfrak{Q} 56'15		
	-3744 Apr 21 j 12:05	0° \mathbb{Y}			inferior conj	-3742 Sep 14 j 22:01	22° \mathfrak{Q} 54'35	-8°-5'-25	
max. Earth dist.	-3744 Apr 22 j 01:38	0° \mathbb{Y} 41'33	1.73702 AU		minimum elong	-3742 Sep 15 j 06:48	22° \mathfrak{Q} 41'18	8°04'07	
					min. Earth dist.	-3742 Sep 15 j 08:09	22° \mathfrak{Q} 39'16	0.26707 AU	
superior conj	-3744 Apr 24 j 00:45	3° \mathbb{Y} 06'11	0°-32'-29		morning rise	-3742 Sep 19 j 01:02	20° \mathfrak{Q} 27'51		
minimum elong	-3744 Apr 24 j 06:43	3° \mathbb{Y} 24'29	0°32'15		direct	-3742 Oct 05 j 09:46	15° \mathfrak{Q} 15'48		
asc. node	-3744 May 08 j 06:17	20° \mathbb{Y} 35'21			greatest brilliancy	-3742 Oct 18 j 05:44	18° \mathfrak{Q} 21'13	-4.7m	
	-3744 May 15 j 21:47	0° \mathfrak{B}			asc. node	-3742 Oct 24 j 00:52	21° \mathfrak{Q} 25'49		
evening rise	-3744 May 29 j 17:01	17° \mathfrak{B} 00'27				-3742 Nov 04 j 22:33	0° \mathbb{M}		
	-3744 Jun 09 j 05:42	0° \mathbb{I}			morning max el	-3742 Nov 25 j 04:35	18° \mathbb{M} 54'43	46°48'32	
	-3744 Jul 03 j 12:21	0° \mathfrak{G}				-3742 Dec 05 j 18:06	0° \mathfrak{L}		
	-3744 Jul 27 j 19:07	0° \mathfrak{Q}				-3741 Jan 01 j 13:39	0° \mathbb{M}		
	-3744 Aug 21 j 04:05	0° \mathbb{M}				-3741 Jan 27 j 07:30	0° \mathfrak{A}		
desc. node	-3744 Aug 28 j 00:58	8° \mathbb{M} 25'05			desc. node	-3741 Feb 12 j 21:39	19° \mathfrak{A} 36'56		
	-3744 Sep 14 j 17:47	0° \mathfrak{L}				-3741 Feb 21 j 15:17	0° \mathfrak{Z}		
	-3744 Oct 09 j 16:16	0° \mathbb{M}				-3741 Mar 18 j 17:21	0° \approx		
	-3744 Nov 04 j 09:09	0° \mathfrak{A}				-3741 Apr 12 j 14:42	0° \mathfrak{H}		
evening max el	-3744 Nov 30 j 08:35	28° \mathfrak{A} 13'49	46°51'12			-3741 May 07 j 07:15	0° \mathbb{Y}		
	-3744 Dec 02 j 02:33	0° \mathfrak{Z}			morning set	-3741 May 25 j 17:49	22° \mathbb{Y} 34'45		
asc. node	-3744 Dec 18 j 21:53	15° \mathfrak{Z} 37'58				-3741 May 31 j 18:39	0° \mathfrak{B}		
greatest brilliancy	-3743 Jan 05 j 05:16	27° \mathfrak{Z} 31'31	-4.6m		asc. node	-3741 Jun 05 j 18:25	6° \mathfrak{B} 09'00		
	-3743 Jan 11 j 03:10	0° \approx				-3741 Jun 25 j 00:52	0° \mathbb{I}		
retrograde	-3743 Jan 19 j 23:12	1° \approx 30'23			max. Earth dist.	-3741 Jun 26 j 12:50	1° \mathbb{I} 51'40	1.72550 AU	
	-3743 Jan 28 j 11:35	30° \mathfrak{R} \mathfrak{Z}							
evening set	-3743 Feb 06 j 16:36	25° \mathfrak{Z} 22'44			superior conj	-3741 Jun 30 j 21:51	7° \mathbb{I} 17'57	0°54'31	
inferior conj	-3743 Feb 10 j 06:43	23° \mathfrak{Z} 06'40	8°19'11		minimum elong	-3741 Jun 30 j 13:15	6° \mathbb{I} 51'14	0°54'20	
minimum elong	-3743 Feb 10 j 05:49	23° \mathfrak{Z} 08'06	8°19'02			-3741 Jul 19 j 02:45	0° \mathfrak{G}		
min. Earth dist.	-3743 Feb 09 j 20:02	23° \mathfrak{Z} 23'46	0.28926 AU		evening rise	-3741 Aug 06 j 15:26	23° \mathfrak{G} 10'58		
morning rise	-3743 Feb 13 j 19:16	20° \mathfrak{Z} 53'14				-3741 Aug 12 j 02:01	0° \mathfrak{Q}		
direct	-3743 Mar 03 j 14:22	14° \mathfrak{Z} 48'10				-3741 Sep 05 j 00:53	0° \mathbb{M}		
greatest brilliancy	-3743 Mar 15 j 06:51	17° \mathfrak{Z} 14'28	-4.5m		desc. node	-3741 Sep 25 j 13:19	25° \mathbb{M} 38'18		
	-3743 Apr 04 j 20:10	0° \approx				-3741 Sep 29 j 01:17	0° \mathfrak{L}		
desc. node	-3743 Apr 09 j 18:38	4° \approx 03'46				-3741 Oct 23 j 04:50	0° \mathbb{M}		
morning max el	-3743 Apr 21 j 09:06	14° \approx 32'57	45°48'46			-3741 Nov 16 j 13:38	0° \mathfrak{A}		
	-3743 May 06 j 20:36	0° \mathfrak{H}				-3741 Dec 11 j 08:13	0° \mathfrak{Z}		
	-3743 Jun 03 j 10:42	0° \mathbb{Y}				-3740 Jan 05 j 22:44	0° \approx		
	-3743 Jun 29 j 09:55	0° \mathfrak{B}			asc. node	-3740 Jan 16 j 09:32	11° \approx 45'46		
	-3743 Jul 24 j 10:33	0° \mathbb{I}				-3740 Feb 02 j 10:46	0° \mathfrak{H}		
asc. node	-3743 Jul 31 j 16:20	8° \mathbb{I} 50'22			evening max el	-3740 Feb 10 j 09:20	7° \mathfrak{H} 56'29	45°28'27	
	-3743 Aug 17 j 19:56	0° \mathfrak{G}				-3740 Mar 07 j 22:14	0° \mathbb{Y}		
	-3743 Sep 10 j 19:37	0° \mathfrak{Q}			greatest brilliancy	-3740 Mar 15 j 09:29	4° \mathbb{Y} 11'09	-4.5m	
	-3743 Oct 04 j 14:44	0° \mathbb{M}			retrograde	-3740 Mar 29 j 22:04	7° \mathbb{Y} 50'43		
morning set	-3743 Oct 18 j 04:01	17° \mathbb{M} 06'25			evening set	-3740 Apr 14 j 16:48	3° \mathbb{Y} 04'51		
	-3743 Oct 28 j 09:22	0° \mathfrak{L}				-3740 Apr 19 j 19:20	30° \mathfrak{R} \mathfrak{H}		
desc. node	-3743 Nov 20 j 11:42	29° \mathfrak{L} 02'33			inferior conj	-3740 Apr 20 j 08:45	29° \mathfrak{H} 38'56	3°44'03	
	-3743 Nov 21 j 06:02	0° \mathbb{M}			minimum elong	-3740 Apr 20 j 16:00	29° \mathfrak{H} 27'33	3°42'13	
					min. Earth dist.	-3740 Apr 21 j 00:29	29° \mathfrak{H} 14'14	0.29140 AU	
superior conj	-3743 Nov 29 j 06:32	10° \mathbb{M} 03'07	0°-20'-19		morning rise	-3740 Apr 26 j 14:57	25° \mathfrak{H} 52'24		
minimum elong	-3743 Nov 29 j 01:05	9° \mathbb{M} 46'04	0°20'09		desc. node	-3740 May 07 j 05:57	21° \mathfrak{H} 44'16		
max. Earth dist.	-3743 Dec 04 j 00:21	15° \mathbb{M} 59'13	1.71531 AU		direct	-3740 May 12 j 05:08	21° \mathfrak{H} 15'20		
	-3743 Dec 15 j 05:38	0° \mathfrak{A}			greatest brilliancy	-3740 May 26 j 08:19	24° \mathfrak{H} 43'57	-4.5m	
	-3742 Jan 08 j 08:25	0° \mathfrak{Z}				-3740 Jun 04 j 15:17	0° \mathbb{Y}		
evening rise	-3742 Jan 09 j 15:35	1° \mathfrak{Z} 36'35			morning max el	-3740 Jun 30 j 10:04	21° \mathbb{Y} 34'50	46°04'38	
	-3742 Feb 01 j 14:52	0° \approx				-3740 Jul 08 j 20:55	0° \mathfrak{B}		
	-3742 Feb 26 j 02:13	0° \mathfrak{H}				-3740 Aug 05 j 10:46	0° \mathbb{I}		
asc. node	-3742 Mar 13 j 07:49	18° \mathfrak{H} 30'38			asc. node	-3740 Aug 28 j 04:12	26° \mathbb{I} 35'33		
	-3742 Mar 22 j 20:16	0° \mathbb{Y}				-3740 Aug 31 j 00:25	0° \mathfrak{G}		
	-3742 Apr 16 j 23:29	0° \mathfrak{B}				-3740 Sep 24 j 14:35	0° \mathfrak{Q}		
	-3742 May 12 j 15:56	0° \mathbb{I}				-3740 Oct 18 j 17:23	0° \mathbb{M}		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3740 Nov 11 j 16:26	0°♌		retrograde	-3737 Jun 09 j 15:52	15°♊09'13	
	-3740 Dec 05 j 16:13	0°♍		evening set	-3737 Jun 25 j 02:57	10°♊39'24	
desc. node	-3740 Dec 17 j 23:52	15°♌21'09		inferior conj	-3737 Jun 30 j 21:03	7°♊17'39	-5°-42'-40
	-3740 Dec 29 j 18:34	0°♍		minimum elong	-3737 Jun 30 j 10:54	7°♊33'05	5°40'14
morning set	-3739 Jan 03 j 12:47	5°♍54'27		min. Earth dist.	-3737 Jul 01 j 05:20	7°♊05'03	0.28055 AU
	-3739 Jan 22 j 23:36	0°♎		morning rise	-3737 Jul 05 j 18:16	4°♊23'09	
					-3737 Jul 16 j 01:20	30°♋	
superior conj	-3739 Feb 12 j 08:45	25°♎10'00	-1°-23'-44	direct	-3737 Jul 22 j 05:16	29°♋14'30	
minimum elong	-3739 Feb 12 j 08:36	25°♎09'32	1°23'54		-3737 Jul 28 j 13:30	0°♋	
max. Earth dist.	-3739 Feb 14 j 18:53	28°♎09'10	1.73145 AU	greatest brilliancy	-3737 Aug 05 j 18:26	2°♋58'24	-4.6m
	-3739 Feb 16 j 06:51	0°♏			-3737 Sep 08 j 23:13	0°♏	
	-3739 Mar 12 j 16:05	0°♐		morning max el	-3737 Sep 10 j 12:32	1°♏33'31	46°42'02
evening rise	-3739 Mar 21 j 21:51	11°♐20'31		asc. node	-3737 Sep 25 j 15:40	17°♏33'11	
	-3739 Apr 06 j 03:20	0°♑			-3737 Oct 06 j 18:06	0°♑	
asc. node	-3739 Apr 09 j 20:03	4°♑31'16			-3737 Nov 01 j 06:38	0°♑	
	-3739 Apr 30 j 16:50	0°♒			-3737 Nov 26 j 00:07	0°♒	
	-3739 May 25 j 09:03	0°♓			-3737 Dec 20 j 11:51	0°♓	
	-3739 Jun 19 j 05:15	0°♑			-3736 Jan 13 j 23:05	0°♒	
	-3739 Jul 14 j 08:19	0°♑		desc. node	-3736 Jan 15 j 11:56	1°♒52'52	
desc. node	-3739 Jul 30 j 14:55	19°♑07'41			-3736 Feb 07 j 11:08	0°♑	
	-3739 Aug 09 j 00:19	0°♒			-3736 Mar 02 j 23:35	0°♒	
	-3739 Sep 04 j 20:04	0°♓		morning set	-3736 Mar 16 j 12:44	16°♒34'46	
evening max el	-3739 Sep 17 j 22:00	13°♓41'24	47°33'50		-3736 Mar 27 j 11:44	0°♓	
	-3739 Oct 05 j 05:23	0°♓		max. Earth dist.	-3736 Apr 20 j 00:32	28°♓51'12	1.73714 AU
greatest brilliancy	-3739 Oct 26 j 11:50	14°♓26'12	-4.7m		-3736 Apr 20 j 22:57	0°♓	
retrograde	-3739 Nov 07 j 20:54	17°♓19'16					
asc. node	-3739 Nov 20 j 12:18	14°♓02'36		superior conj	-3736 Apr 21 j 19:26	1°♓02'53	0°-35'-18
evening set	-3739 Nov 22 j 09:16	13°♓03'38		minimum elong	-3736 Apr 22 j 01:50	1°♓22'31	0°35'02
min. Earth dist.	-3739 Nov 27 j 16:48	9°♓53'23	0.26809 AU	asc. node	-3736 May 07 j 08:16	20°♓08'04	
inferior conj	-3739 Nov 28 j 13:24	9°♓21'13	2°01'25		-3736 May 15 j 08:41	0°♓	
minimum elong	-3739 Nov 28 j 09:04	9°♓27'59	1°59'59	evening rise	-3736 May 27 j 12:22	14°♓58'25	
morning rise	-3739 Dec 04 j 09:42	5°♓51'47			-3736 Jun 08 j 16:46	0°♓	
direct	-3739 Dec 18 j 22:24	1°♓38'43			-3736 Jul 02 j 23:40	0°♑	
greatest brilliancy	-3739 Dec 29 j 17:25	3°♓49'23	-4.6m		-3736 Jul 27 j 06:49	0°♑	
	-3738 Feb 03 j 08:13	0°♒			-3736 Aug 20 j 16:17	0°♒	
morning max el	-3738 Feb 06 j 08:10	2°♒53'23	46°13'40	desc. node	-3736 Aug 27 j 03:08	7°♒53'56	
	-3738 Mar 04 j 11:28	0°♑			-3736 Sep 14 j 06:42	0°♒	
desc. node	-3738 Mar 12 j 09:25	8°♑40'40			-3736 Oct 09 j 06:20	0°♓	
	-3738 Mar 31 j 08:33	0°♒			-3736 Nov 04 j 01:27	0°♒	
	-3738 Apr 26 j 06:16	0°♓		evening max el	-3736 Nov 28 j 00:31	25°♒57'16	46°54'02
	-3738 May 21 j 13:20	0°♓			-3736 Dec 02 j 01:11	0°♑	
	-3738 Jun 15 j 09:00	0°♓		asc. node	-3736 Dec 18 j 00:00	14°♑33'07	
asc. node	-3738 Jul 03 j 06:31	21°♓56'47		greatest brilliancy	-3735 Jan 02 j 22:04	25°♑18'31	-4.6m
	-3738 Jul 09 j 18:54	0°♓		retrograde	-3735 Jan 17 j 16:28	29°♑17'49	
morning set	-3738 Aug 02 j 09:50	29°♓25'11		evening set	-3735 Feb 04 j 08:02	23°♑11'25	
	-3738 Aug 02 j 20:57	0°♑		inferior conj	-3735 Feb 07 j 23:05	20°♑53'59	8°18'22
	-3738 Aug 26 j 17:49	0°♑		minimum elong	-3735 Feb 07 j 21:30	20°♑56'32	8°18'11
max. Earth dist.	-3738 Sep 09 j 02:47	16°♑52'03	1.70995 AU	min. Earth dist.	-3735 Feb 07 j 10:46	21°♑13'41	0.28878 AU
				morning rise	-3735 Feb 11 j 11:13	18°♑41'27	
superior conj	-3738 Sep 09 j 22:06	17°♑53'00	1°18'34	direct	-3735 Mar 01 j 06:22	12°♑36'19	
minimum elong	-3738 Sep 10 j 05:19	18°♑15'46	1°18'33	greatest brilliancy	-3735 Mar 12 j 20:31	15°♑01'04	-4.5m
	-3738 Sep 19 j 12:36	0°♒			-3735 Apr 05 j 04:35	0°♒	
	-3738 Oct 13 j 08:01	0°♓		desc. node	-3735 Apr 08 j 20:38	3°♒06'22	
evening rise	-3738 Oct 21 j 08:23	10°♓04'26		morning max el	-3735 Apr 19 j 01:46	12°♒24'28	45°48'57
desc. node	-3738 Oct 23 j 01:34	12°♓13'44			-3735 May 06 j 14:34	0°♓	
	-3738 Nov 06 j 05:43	0°♓			-3735 Jun 03 j 01:03	0°♓	
	-3738 Nov 30 j 06:39	0°♒			-3735 Jun 28 j 22:43	0°♓	
	-3738 Dec 24 j 12:00	0°♑			-3735 Jul 23 j 22:35	0°♓	
	-3737 Jan 18 j 00:24	0°♒		asc. node	-3735 Jul 30 j 18:30	8°♓20'36	
	-3737 Feb 12 j 00:43	0°♓			-3735 Aug 17 j 07:33	0°♑	
asc. node	-3737 Feb 12 j 21:41	1°♓01'56			-3735 Sep 10 j 07:03	0°♑	
	-3737 Mar 09 j 21:24	0°♓			-3735 Oct 04 j 02:04	0°♒	
	-3737 Apr 06 j 08:35	0°♓		morning set	-3735 Oct 15 j 14:45	14°♒33'16	
evening max el	-3737 Apr 22 j 03:52	15°♓47'26	45°13'06		-3735 Oct 27 j 20:39	0°♓	
	-3737 May 08 j 07:55	0°♓		desc. node	-3735 Nov 19 j 13:47	28°♓33'51	
greatest brilliancy	-3737 May 28 j 07:35	12°♓28'31	-4.5m		-3735 Nov 20 j 17:15	0°♓	
desc. node	-3737 Jun 04 j 17:36	14°♓42'00					

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3735 Nov 26 j 15:51	7° \mathbb{M} 26'54	0°-16'-26	morning rise	-3732 Apr 24 j 06:19	23° \mathbb{H} 45'44	
minimum elong	-3735 Nov 26 j 11:23	7° \mathbb{M} 12'54	0°16'20	desc. node	-3732 May 06 j 08:05	19° \mathbb{H} 21'39	
behind sun begin	-3735 Nov 26 j 10:50	7° \mathbb{M} 11'11		direct	-3732 May 09 j 21:31	19° \mathbb{H} 06'52	
behind sun end	-3735 Nov 26 j 11:56	7° \mathbb{M} 14'38		greatest brilliancy	-3732 May 23 j 23:18	22° \mathbb{H} 33'01	-4.5m
max. Earth dist.	-3735 Dec 01 j 11:44	13° \mathbb{M} 29'39	1.71481 AU		-3732 Jun 05 j 10:54	0° \mathbb{Y}	
	-3735 Dec 14 j 16:49	0° \mathbb{A}		morning max el	-3732 Jun 28 j 01:00	19° \mathbb{Y} 20'30	46°03'29
evening rise	-3734 Jan 07 j 04:03	29° \mathbb{A} 11'50			-3732 Jul 08 j 16:22	0° \mathbb{B}	
	-3734 Jan 07 j 19:35	0° \mathbb{C}			-3732 Aug 05 j 01:50	0° \mathbb{I}	
	-3734 Feb 01 j 02:07	0° \mathbb{A}		asc. node	-3732 Aug 27 j 06:16	26° \mathbb{I} 01'21	
	-3734 Feb 25 j 13:40	0° \mathbb{H}			-3732 Aug 30 j 13:46	0° \mathbb{C}	
asc. node	-3734 Mar 12 j 09:50	18° \mathbb{H} 01'31			-3732 Sep 24 j 03:06	0° \mathbb{O}	
	-3734 Mar 22 j 08:08	0° \mathbb{Y}			-3732 Oct 18 j 05:27	0° \mathbb{M}	
	-3734 Apr 16 j 12:06	0° \mathbb{B}			-3732 Nov 11 j 04:12	0° \mathbb{A}	
	-3734 May 12 j 05:58	0° \mathbb{I}			-3732 Dec 05 j 03:46	0° \mathbb{M}	
	-3734 Jun 08 j 00:03	0° \mathbb{C}		desc. node	-3732 Dec 17 j 02:00	14° \mathbb{M} 52'04	
desc. node	-3734 Jul 02 j 05:14	25° \mathbb{C} 13'40			-3732 Dec 29 j 05:57	0° \mathbb{A}	
evening max el	-3734 Jul 04 j 00:16	26° \mathbb{C} 58'39	46°23'11	morning set	-3731 Jan 01 j 00:04	3° \mathbb{A} 25'18	
	-3734 Jul 07 j 03:55	0° \mathbb{O}			-3731 Jan 22 j 10:49	0° \mathbb{C}	
greatest brilliancy	-3734 Aug 12 j 10:45	26° \mathbb{O} 08'46	-4.6m				
retrograde	-3734 Aug 22 j 18:33	28° \mathbb{O} 05'23		superior conj	-3731 Feb 09 j 23:57	22° \mathbb{C} 54'39	-1°-23'-39
evening set	-3734 Sep 09 j 03:25	22° \mathbb{O} 23'13		minimum elong	-3731 Feb 09 j 23:00	22° \mathbb{C} 51'42	1°23'49
inferior conj	-3734 Sep 12 j 10:05	20° \mathbb{O} 25'33	-8°-15'-24	max. Earth dist.	-3731 Feb 12 j 13:32	26° \mathbb{C} 04'31	1.73094 AU
minimum elong	-3734 Sep 12 j 18:16	20° \mathbb{O} 13'10	8°14'16		-3731 Feb 15 j 17:57	0° \mathbb{A}	
min. Earth dist.	-3734 Sep 12 j 20:15	20° \mathbb{O} 10'10	0.26745 AU		-3731 Mar 12 j 03:07	0° \mathbb{H}	
morning rise	-3734 Sep 16 j 09:01	18° \mathbb{O} 04'30		evening rise	-3731 Mar 19 j 15:26	9° \mathbb{H} 13'17	
direct	-3734 Oct 02 j 22:50	12° \mathbb{O} 46'30			-3731 Apr 05 j 14:28	0° \mathbb{Y}	
greatest brilliancy	-3734 Oct 15 j 18:50	15° \mathbb{O} 51'47	-4.7m	asc. node	-3731 Apr 08 j 22:05	4° \mathbb{Y} 03'24	
asc. node	-3734 Oct 23 j 02:55	19° \mathbb{O} 53'59			-3731 Apr 30 j 04:14	0° \mathbb{B}	
	-3734 Nov 05 j 10:26	0° \mathbb{M}			-3731 May 24 j 20:55	0° \mathbb{I}	
morning max el	-3734 Nov 22 j 17:40	16° \mathbb{M} 26'38	46°49'14		-3731 Jun 18 j 17:51	0° \mathbb{C}	
	-3734 Dec 05 j 13:41	0° \mathbb{A}			-3731 Jul 13 j 22:02	0° \mathbb{O}	
	-3733 Jan 01 j 05:05	0° \mathbb{M}		desc. node	-3731 Jul 29 j 17:03	18° \mathbb{O} 30'54	
	-3733 Jan 26 j 21:03	0° \mathbb{A}			-3731 Aug 08 j 15:57	0° \mathbb{M}	
desc. node	-3733 Feb 11 j 23:51	19° \mathbb{A} 05'19			-3731 Sep 04 j 15:50	0° \mathbb{A}	
	-3733 Feb 21 j 03:47	0° \mathbb{C}		evening max el	-3731 Sep 15 j 10:49	11° \mathbb{A} 13'18	47°33'08
	-3733 Mar 18 j 05:13	0° \mathbb{A}			-3731 Oct 05 j 17:14	0° \mathbb{M}	
	-3733 Apr 12 j 02:09	0° \mathbb{H}		greatest brilliancy	-3731 Oct 24 j 04:28	12° \mathbb{M} 01'32	-4.7m
	-3733 May 06 j 18:26	0° \mathbb{Y}		retrograde	-3731 Nov 05 j 10:00	14° \mathbb{M} 51'14	
morning set	-3733 May 23 j 12:31	20° \mathbb{Y} 30'50		evening set	-3731 Nov 19 j 22:15	10° \mathbb{M} 36'29	
	-3733 May 31 j 05:42	0° \mathbb{B}		asc. node	-3731 Nov 19 j 14:31	10° \mathbb{M} 46'59	
asc. node	-3733 Jun 04 j 20:33	5° \mathbb{B} 41'30		min. Earth dist.	-3731 Nov 25 j 07:25	7° \mathbb{M} 24'24	0.26754 AU
max. Earth dist.	-3733 Jun 24 j 04:57	29° \mathbb{B} 38'23	1.72609 AU	inferior conj	-3731 Nov 26 j 02:38	6° \mathbb{M} 54'27	1°38'40
	-3733 Jun 24 j 11:54	0° \mathbb{I}		minimum elong	-3731 Nov 25 j 23:05	7° \mathbb{M} 00'00	1°37'28
				morning rise	-3731 Dec 02 j 00:36	3° \mathbb{M} 22'53	
superior conj	-3733 Jun 28 j 15:32	5° \mathbb{I} 09'24	0°52'03		-3731 Dec 10 j 05:55	30° \mathbb{R} \mathbb{A}	
minimum elong	-3733 Jun 28 j 07:07	4° \mathbb{I} 43'13	0°51'52	direct	-3731 Dec 16 j 10:25	29° \mathbb{A} 12'38	
	-3733 Jul 18 j 13:52	0° \mathbb{C}			-3731 Dec 22 j 19:43	0° \mathbb{M}	
evening rise	-3733 Aug 04 j 06:31	20° \mathbb{C} 52'41		greatest brilliancy	-3731 Dec 27 j 08:26	1° \mathbb{M} 25'56	-4.6m
	-3733 Aug 11 j 13:20	0° \mathbb{O}			-3730 Feb 03 j 08:34	0° \mathbb{A}	
	-3733 Sep 04 j 12:25	0° \mathbb{M}		morning max el	-3730 Feb 03 j 21:30	0° \mathbb{A} 31'29	46°15'08
desc. node	-3733 Sep 24 j 15:17	25° \mathbb{M} 07'50			-3730 Mar 04 j 04:10	0° \mathbb{C}	
	-3733 Sep 28 j 13:05	0° \mathbb{A}		desc. node	-3730 Mar 11 j 11:21	8° \mathbb{C} 02'33	
	-3733 Oct 22 j 16:57	0° \mathbb{M}			-3730 Mar 30 j 22:29	0° \mathbb{A}	
	-3733 Nov 16 j 02:13	0° \mathbb{A}			-3730 Apr 25 j 18:49	0° \mathbb{H}	
	-3733 Dec 10 j 21:35	0° \mathbb{C}			-3730 May 21 j 01:09	0° \mathbb{Y}	
	-3732 Jan 05 j 13:47	0° \mathbb{A}			-3730 Jun 14 j 20:25	0° \mathbb{B}	
asc. node	-3732 Jan 15 j 11:47	11° \mathbb{A} 07'10		asc. node	-3730 Jul 02 j 08:41	21° \mathbb{B} 28'39	
	-3732 Feb 02 j 06:29	0° \mathbb{H}			-3730 Jul 09 j 06:10	0° \mathbb{I}	
evening max el	-3732 Feb 08 j 00:14	5° \mathbb{H} 42'28	45°30'26	morning set	-3730 Jul 31 j 00:56	27° \mathbb{I} 07'07	
	-3732 Mar 09 j 03:32	0° \mathbb{Y}			-3730 Aug 02 j 08:10	0° \mathbb{C}	
greatest brilliancy	-3732 Mar 13 j 01:37	2° \mathbb{Y} 02'50	-4.5m		-3730 Aug 26 j 05:03	0° \mathbb{O}	
retrograde	-3732 Mar 27 j 14:11	5° \mathbb{Y} 43'16		max. Earth dist.	-3730 Sep 06 j 11:01	14° \mathbb{O} 11'07	1.71025 AU
evening set	-3732 Apr 12 j 11:42	0° \mathbb{Y} 54'04					
	-3732 Apr 14 j 00:58	30° \mathbb{R} \mathbb{H}		superior conj	-3730 Sep 07 j 10:18	15° \mathbb{O} 24'30	1°19'50
inferior conj	-3732 Apr 18 j 01:32	27° \mathbb{H} 30'56	4°00'50	minimum elong	-3730 Sep 07 j 16:43	15° \mathbb{O} 44'47	1°19'50
minimum elong	-3732 Apr 18 j 09:10	27° \mathbb{H} 18'55	3°58'55		-3730 Sep 18 j 23:53	0° \mathbb{M}	
min. Earth dist.	-3732 Apr 18 j 17:24	27° \mathbb{H} 05'58	0.29167 AU		-3730 Oct 12 j 19:22	0° \mathbb{A}	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening rise	-3730 Oct 18 j 17:01	7°♂25'06		morning max el	-3727 Apr 16 j 18:14	10°♂15'47	45°49'07
desc. node	-3730 Oct 22 j 03:39	11°♂44'30			-3727 May 06 j 08:01	0°♂	
	-3730 Nov 05 j 17:11	0°♂			-3727 Jun 02 j 15:07	0°♂	
	-3730 Nov 29 j 18:13	0°♂			-3727 Jun 28 j 11:19	0°♂	
	-3730 Dec 23 j 23:45	0°♂			-3727 Jul 23 j 10:25	0°♂	
	-3729 Jan 17 j 12:31	0°♂		asc. node	-3727 Jul 29 j 20:35	7°♂51'04	
asc. node	-3729 Feb 11 j 23:43	0°♂29'55			-3727 Aug 16 j 19:01	0°♂	
	-3729 Feb 11 j 13:35	0°♂			-3727 Sep 09 j 18:21	0°♂	
	-3729 Mar 09 j 11:52	0°♂			-3727 Oct 03 j 13:19	0°♂	
	-3729 Apr 06 j 03:03	0°♂		morning set	-3727 Oct 13 j 01:22	11°♂59'52	
evening max el	-3729 Apr 19 j 19:06	13°♂34'51	45°12'11		-3727 Oct 27 j 07:53	0°♂	
	-3729 May 08 j 20:02	0°♂		desc. node	-3727 Nov 18 j 15:59	28°♂05'40	
greatest brilliancy	-3729 May 25 j 18:04	10°♂09'27	-4.5m		-3727 Nov 20 j 04:26	0°♂	
desc. node	-3729 Jun 03 j 19:44	12°♂40'33					
retrograde	-3729 Jun 07 j 06:41	12°♂54'03		superior conj	-3727 Nov 24 j 00:40	4°♂49'07	0°-12'-29
evening set	-3729 Jun 22 j 14:52	8°♂27'04		minimum elong	-3727 Nov 23 j 21:15	4°♂38'23	0°12'25
inferior conj	-3729 Jun 28 j 11:33	5°♂01'36	-5°-25'-51	behind sun begin	-3727 Nov 23 j 03:24	3°♂42'29	
minimum elong	-3729 Jun 28 j 01:36	5°♂16'43	5°23'24	behind sun end	-3727 Nov 24 j 15:05	5°♂34'17	
min. Earth dist.	-3729 Jun 28 j 19:42	4°♂49'11	0.28100 AU	max. Earth dist.	-3727 Nov 28 j 22:31	10°♂58'12	1.71429 AU
morning rise	-3729 Jul 03 j 11:49	2°♂02'56			-3727 Dec 14 j 03:56	0°♂	
	-3729 Jul 07 j 10:13	30°♂		evening rise	-3726 Jan 04 j 15:53	26°♂45'12	
direct	-3729 Jul 19 j 20:48	26°♂57'33			-3726 Jan 07 j 06:41	0°♂	
	-3729 Aug 01 j 21:34	0°♂			-3726 Jan 31 j 13:15	0°♂	
greatest brilliancy	-3729 Aug 03 j 10:56	0°♂43'04	-4.6m		-3726 Feb 25 j 00:59	0°♂	
morning max el	-3729 Sep 08 j 04:05	29°♂15'02	46°40'56	asc. node	-3726 Mar 11 j 11:54	17°♂33'00	
	-3729 Sep 08 j 21:54	0°♂			-3726 Mar 21 j 19:51	0°♂	
asc. node	-3729 Sep 24 j 17:43	16°♂48'40			-3726 Apr 16 j 00:36	0°♂	
	-3729 Oct 06 j 10:30	0°♂			-3726 May 11 j 19:56	0°♂	
	-3729 Oct 31 j 20:47	0°♂			-3726 Jun 07 j 17:04	0°♂	
	-3729 Nov 25 j 13:08	0°♂		desc. node	-3726 Jul 01 j 07:23	24°♂21'54	
	-3729 Dec 20 j 00:09	0°♂		evening max el	-3726 Jul 01 j 13:34	24°♂36'54	46°19'57
	-3728 Jan 13 j 10:53	0°♂			-3726 Jul 07 j 05:50	0°♂	
desc. node	-3728 Jan 14 j 14:05	1°♂23'21		greatest brilliancy	-3726 Aug 09 j 23:16	23°♂42'30	-4.6m
	-3728 Feb 06 j 22:33	0°♂		retrograde	-3726 Aug 20 j 06:04	25°♂37'53	
	-3728 Mar 02 j 10:44	0°♂		evening set	-3726 Sep 06 j 18:19	19°♂52'16	
morning set	-3728 Mar 14 j 05:58	14°♂26'46		inferior conj	-3726 Sep 09 j 22:22	17°♂58'16	-8°-24'-9
	-3728 Mar 26 j 22:43	0°♂		minimum elong	-3726 Sep 10 j 05:52	17°♂46'54	8°23'12
max. Earth dist.	-3728 Apr 18 j 00:19	27°♂03'27	1.73722 AU	min. Earth dist.	-3726 Sep 10 j 08:50	17°♂42'25	0.26786 AU
				morning rise	-3726 Sep 13 j 17:19	15°♂42'39	
superior conj	-3728 Apr 19 j 14:14	28°♂59'51	0°-38'-3	direct	-3726 Sep 30 j 11:34	10°♂18'43	
minimum elong	-3728 Apr 19 j 21:02	29°♂20'42	0°37'46	greatest brilliancy	-3726 Oct 13 j 08:38	13°♂24'22	-4.7m
	-3728 Apr 20 j 09:50	0°♂		asc. node	-3726 Oct 22 j 05:11	18°♂26'36	
asc. node	-3728 May 06 j 10:29	19°♂41'25			-3726 Nov 05 j 18:54	0°♂	
	-3728 May 14 j 19:36	0°♂		morning max el	-3726 Nov 20 j 06:04	13°♂57'16	46°49'44
evening rise	-3728 May 25 j 07:56	12°♂57'01			-3726 Dec 05 j 08:33	0°♂	
	-3728 Jun 08 j 03:49	0°♂			-3726 Dec 31 j 20:11	0°♂	
	-3728 Jul 02 j 11:00	0°♂			-3725 Jan 26 j 10:22	0°♂	
	-3728 Jul 26 j 18:34	0°♂		desc. node	-3725 Feb 11 j 01:50	18°♂33'41	
	-3728 Aug 20 j 04:37	0°♂			-3725 Feb 20 j 16:03	0°♂	
desc. node	-3728 Aug 26 j 05:07	7°♂21'48			-3725 Mar 17 j 16:48	0°♂	
	-3728 Sep 13 j 19:49	0°♂			-3725 Apr 11 j 13:18	0°♂	
	-3728 Oct 08 j 20:38	0°♂			-3725 May 06 j 05:19	0°♂	
	-3728 Nov 03 j 18:08	0°♂		morning set	-3725 May 21 j 07:17	18°♂28'00	
evening max el	-3728 Nov 25 j 17:06	23°♂42'04	46°57'01		-3725 May 30 j 16:27	0°♂	
	-3728 Dec 02 j 00:53	0°♂		asc. node	-3725 Jun 03 j 22:42	5°♂14'57	
asc. node	-3728 Dec 17 j 02:11	13°♂26'37		max. Earth dist.	-3725 Jun 21 j 22:05	27°♂29'13	1.72669 AU
greatest brilliancy	-3728 Dec 31 j 15:57	23°♂06'52	-4.6m		-3725 Jun 23 j 22:40	0°♂	
retrograde	-3727 Jan 15 j 09:46	27°♂04'58					
evening set	-3727 Feb 01 j 23:14	21°♂00'34		superior conj	-3725 Jun 26 j 09:32	3°♂02'44	0°49'31
min. Earth dist.	-3727 Feb 05 j 01:24	19°♂03'42	0.28822 AU	minimum elong	-3725 Jun 26 j 01:19	2°♂37'14	0°49'20
inferior conj	-3727 Feb 05 j 15:27	18°♂41'14	8°16'53		-3725 Jul 18 j 00:44	0°♂	
minimum elong	-3727 Feb 05 j 13:10	18°♂44'53	8°16'40	evening rise	-3725 Aug 01 j 22:11	18°♂37'13	
morning rise	-3727 Feb 09 j 03:24	16°♂29'06			-3725 Aug 11 j 00:21	0°♂	
direct	-3727 Feb 26 j 22:33	10°♂24'42			-3725 Sep 03 j 23:39	0°♂	
greatest brilliancy	-3727 Mar 10 j 09:00	12°♂46'30	-4.5m	desc. node	-3725 Sep 23 j 17:26	24°♂38'55	
	-3727 Apr 05 j 10:31	0°♂			-3725 Sep 28 j 00:33	0°♂	
desc. node	-3727 Apr 07 j 22:49	2°♂10'51			-3725 Oct 22 j 04:45	0°♂	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3725 Nov 15 j 14:32	0°♊			-3722 Apr 25 j 07:00	0°♋		
	-3725 Dec 10 j 10:46	0°♌			-3722 May 20 j 12:38	0°♍		
	-3724 Jan 05 j 04:47	0°♍			-3722 Jun 14 j 07:31	0°♎		
asc. node	-3724 Jan 14 j 13:49	10°♍28'13		asc. node	-3722 Jul 01 j 10:43	21°♏01'12		
	-3724 Feb 02 j 02:34	0°♋			-3722 Jul 08 j 17:04	0°♐		
evening max el	-3724 Feb 05 j 14:44	3°♋28'00	45°32'39	morning set	-3722 Jul 28 j 16:17	24°♑51'08		
greatest brilliancy	-3724 Mar 10 j 16:57	29°♋54'16	-4.5m		-3722 Aug 01 j 19:01	0°♒		
	-3724 Mar 10 j 21:47	0°♍			-3722 Aug 25 j 15:56	0°♓		
retrograde	-3724 Mar 25 j 06:33	3°♍37'02		max. Earth dist.	-3722 Sep 03 j 20:13	11°♓34'12	1.71058 AU	
	-3724 Apr 07 j 22:19	30°♌						
evening set	-3724 Apr 10 j 06:44	28°♌44'05		superior conj	-3722 Sep 04 j 22:47	12°♓58'01	1°20'54	
inferior conj	-3724 Apr 15 j 18:25	25°♌24'02	4°17'06	minimum elong	-3722 Sep 05 j 04:24	13°♓15'41	1°20'57	
minimum elong	-3724 Apr 16 j 02:24	25°♌11'29	4°15'09		-3722 Sep 18 j 10:52	0°♑		
min. Earth dist.	-3724 Apr 16 j 10:26	24°♌58'51	0.29191 AU		-3722 Oct 12 j 06:28	0°♒		
morning rise	-3724 Apr 21 j 21:41	21°♌40'35		evening rise	-3722 Oct 16 j 01:54	4°♒47'23		
desc. node	-3724 May 05 j 10:15	17°♌04'47		desc. node	-3722 Oct 21 j 05:50	11°♒16'31		
direct	-3724 May 07 j 13:44	16°♌59'26			-3722 Nov 05 j 04:21	0°♓		
greatest brilliancy	-3724 May 21 j 15:08	20°♌24'24	-4.5m		-3722 Nov 29 j 05:29	0°♊		
	-3724 Jun 06 j 01:00	0°♍			-3722 Dec 23 j 11:10	0°♌		
morning max el	-3724 Jun 25 j 16:31	17°♍08'47	46°02'25		-3721 Jan 17 j 00:18	0°♍		
	-3724 Jul 08 j 10:51	0°♎		asc. node	-3721 Feb 11 j 01:48	29°♍58'55		
	-3724 Aug 04 j 16:20	0°♏			-3721 Feb 11 j 02:10	0°♋		
asc. node	-3724 Aug 26 j 08:18	25°♏28'14			-3721 Mar 09 j 02:11	0°♌		
	-3724 Aug 30 j 02:40	0°♒			-3721 Apr 05 j 21:40	0°♍		
	-3724 Sep 23 j 15:13	0°♓		evening max el	-3721 Apr 17 j 11:19	11°♎25'30	45°11'15	
	-3724 Oct 17 j 17:06	0°♑			-3721 May 09 j 11:43	0°♐		
	-3724 Nov 10 j 15:34	0°♒		greatest brilliancy	-3721 May 23 j 05:43	7°♐52'51	-4.5m	
	-3724 Dec 04 j 14:56	0°♓		desc. node	-3721 Jun 02 j 21:52	10°♐35'33		
desc. node	-3724 Dec 16 j 04:05	14°♓24'02		retrograde	-3721 Jun 04 j 21:31	10°♐40'02		
	-3724 Dec 28 j 16:58	0°♊		evening set	-3721 Jun 20 j 03:12	6°♐16'00		
morning set	-3724 Dec 29 j 11:17	0°♊56'55		inferior conj	-3721 Jun 26 j 02:13	2°♐46'56	-5°-8'-39	
	-3723 Jan 21 j 21:42	0°♌		minimum elong	-3721 Jun 25 j 16:33	3°♐01'39	5°06'12	
				min. Earth dist.	-3721 Jun 26 j 10:14	2°♐34'44	0.28142 AU	
superior conj	-3723 Feb 07 j 14:54	20°♌39'27	-1°-23'-26		-3721 Jun 30 j 18:10	30°♑		
minimum elong	-3723 Feb 07 j 13:09	20°♌34'01	1°23'36	morning rise	-3721 Jul 01 j 05:25	29°♑44'04		
max. Earth dist.	-3723 Feb 10 j 05:29	23°♌52'28	1.73046 AU	direct	-3721 Jul 17 j 12:42	24°♑42'14		
	-3723 Feb 15 j 04:43	0°♍		greatest brilliancy	-3721 Aug 01 j 02:18	28°♑27'32	-4.6m	
	-3723 Mar 11 j 13:52	0°♋			-3721 Aug 04 j 01:35	0°♐		
evening rise	-3723 Mar 17 j 08:42	7°♋06'01		morning max el	-3721 Sep 05 j 19:19	26°♐56'59	46°39'40	
	-3723 Apr 05 j 01:18	0°♍			-3721 Sep 08 j 19:20	0°♒		
asc. node	-3723 Apr 08 j 00:17	3°♍36'57		asc. node	-3721 Sep 23 j 20:01	16°♒06'17		
	-3723 Apr 29 j 15:19	0°♎			-3721 Oct 06 j 02:19	0°♓		
	-3723 May 24 j 08:29	0°♏			-3721 Oct 31 j 10:32	0°♑		
	-3723 Jun 18 j 06:08	0°♒			-3721 Nov 25 j 01:50	0°♒		
	-3723 Jul 13 j 11:29	0°♓			-3721 Dec 19 j 12:11	0°♓		
desc. node	-3723 Jul 28 j 19:02	17°♓54'28			-3720 Jan 12 j 22:26	0°♊		
	-3723 Aug 08 j 07:27	0°♑		desc. node	-3720 Jan 13 j 16:05	0°♊54'09		
	-3723 Sep 04 j 11:47	0°♒			-3720 Feb 06 j 09:42	0°♌		
evening max el	-3723 Sep 13 j 00:12	8°♒47'55	47°32'23		-3720 Mar 01 j 21:36	0°♍		
	-3723 Oct 06 j 08:16	0°♓		morning set	-3720 Mar 11 j 23:21	12°♍19'59		
greatest brilliancy	-3723 Oct 21 j 20:23	9°♓37'15	-4.7m		-3720 Mar 26 j 09:26	0°♋		
retrograde	-3723 Nov 02 j 23:35	12°♓24'47		max. Earth dist.	-3720 Apr 16 j 00:14	25°♋16'47	1.73730 AU	
evening set	-3723 Nov 17 j 11:31	8°♓10'21						
asc. node	-3723 Nov 18 j 16:37	7°♓29'40		superior conj	-3720 Apr 17 j 09:08	26°♋57'44	0°-40'-43	
min. Earth dist.	-3723 Nov 22 j 21:53	4°♓57'06	0.26702 AU	minimum elong	-3720 Apr 17 j 16:17	27°♋19'43	0°40'28	
inferior conj	-3723 Nov 23 j 15:56	4°♓29'04	1°15'47		-3720 Apr 19 j 20:31	0°♌		
minimum elong	-3723 Nov 23 j 13:10	4°♓33'22	1°14'49	asc. node	-3720 May 05 j 12:36	19°♍15'03		
morning rise	-3723 Nov 29 j 15:28	0°♓55'52			-3720 May 14 j 06:20	0°♎		
	-3723 Dec 01 j 10:35	30°♒		evening rise	-3720 May 23 j 03:30	10°♎56'10		
direct	-3723 Dec 13 j 22:50	26°♒47'52			-3720 Jun 07 j 14:43	0°♏		
greatest brilliancy	-3723 Dec 24 j 23:10	29°♒03'41	-4.6m		-3720 Jul 01 j 22:11	0°♐		
	-3723 Dec 27 j 04:27	0°♓			-3720 Jul 26 j 06:10	0°♑		
morning max el	-3722 Feb 01 j 11:51	28°♓13'17	46°16'31		-3720 Aug 19 j 16:48	0°♒		
	-3722 Feb 03 j 07:19	0°♊		desc. node	-3720 Aug 25 j 07:16	6°♒50'45		
	-3722 Mar 03 j 20:08	0°♌			-3720 Sep 13 j 08:48	0°♓		
desc. node	-3722 Mar 10 j 13:33	7°♌26'35			-3720 Oct 08 j 10:55	0°♑		
	-3722 Mar 30 j 11:56	0°♍			-3720 Nov 03 j 10:58	0°♒		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3720 Nov 23 j 09:42	21° 𐤆 26'59	46°59'46			-3717 May 30 j 03:21	0° 𐤆	
	-3720 Dec 02 j 01:35	0° 𐤆		asc. node		-3717 Jun 03 j 00:45	4° 𐤆 47'42	
asc. node	-3720 Dec 16 j 04:17	12° 𐤆 18'21		max. Earth dist.		-3717 Jun 19 j 17:45	25° 𐤆 27'33	1.72730 AU
greatest brilliancy	-3720 Dec 29 j 10:52	20° 𐤆 56'36	-4.6m			-3717 Jun 23 j 09:35	0° 𐤆	
retrograde	-3719 Jan 13 j 02:48	24° 𐤆 51'57						
evening set	-3719 Jan 30 j 14:11	18° 𐤆 50'22		superior conj		-3717 Jun 24 j 03:46	0° 𐤆 56'24	0°46'57
min. Earth dist.	-3719 Feb 02 j 16:18	16° 𐤆 53'26	0.28760 AU	minimum elong		-3717 Jun 23 j 19:48	0° 𐤆 31'41	0°46'46
inferior conj	-3719 Feb 03 j 07:47	16° 𐤆 28'39	8°14'40			-3717 Jul 17 j 11:47	0° 𐤆	
minimum elong	-3719 Feb 03 j 04:48	16° 𐤆 33'25	8°14'24	evening rise		-3717 Jul 30 j 14:08	16° 𐤆 22'07	
morning rise	-3719 Feb 06 j 19:45	14° 𐤆 16'22				-3717 Aug 10 j 11:36	0° 𐤆	
direct	-3719 Feb 24 j 14:31	8° 𐤆 13'25				-3717 Sep 03 j 11:08	0° 𐤆	
greatest brilliancy	-3719 Mar 07 j 21:01	10° 𐤆 31'34	-4.5m	desc. node		-3717 Sep 22 j 19:35	24° 𐤆 09'11	
	-3719 Apr 05 j 14:19	0° 𐤆				-3717 Sep 27 j 12:19	0° 𐤆	
desc. node	-3719 Apr 07 j 00:59	1° 𐤆 16'54				-3717 Oct 21 j 16:52	0° 𐤆	
morning max el	-3719 Apr 14 j 09:49	8° 𐤆 05'24	45°49'20			-3717 Nov 15 j 03:10	0° 𐤆	
	-3719 May 06 j 00:56	0° 𐤆				-3717 Dec 10 j 00:19	0° 𐤆	
	-3719 Jun 02 j 04:56	0° 𐤆				-3716 Jan 04 j 20:16	0° 𐤆	
	-3719 Jun 27 j 23:47	0° 𐤆		asc. node		-3716 Jan 13 j 15:58	9° 𐤆 48'17	
	-3719 Jul 22 j 22:12	0° 𐤆				-3716 Feb 01 j 23:40	0° 𐤆	
asc. node	-3719 Jul 28 j 22:41	7° 𐤆 12'41		evening max el		-3716 Feb 03 j 05:13	1° 𐤆 12'32	45°34'57
	-3719 Aug 16 j 06:27	0° 𐤆		greatest brilliancy		-3716 Mar 08 j 07:31	27° 𐤆 43'42	-4.5m
	-3719 Sep 09 j 05:37	0° 𐤆				-3716 Mar 13 j 22:57	0° 𐤆	
	-3719 Oct 03 j 00:31	0° 𐤆		retrograde		-3716 Mar 22 j 23:19	1° 𐤆 29'51	
morning set	-3719 Oct 10 j 11:59	9° 𐤆 26'38				-3716 Mar 31 j 15:47	30° 𐤆	
	-3719 Oct 26 j 19:03	0° 𐤆		evening set		-3716 Apr 08 j 01:45	26° 𐤆 32'51	
desc. node	-3719 Nov 17 j 17:58	27° 𐤆 36'57		inferior conj		-3716 Apr 13 j 11:14	23° 𐤆 16'01	4°33'02
	-3719 Nov 19 j 15:35	0° 𐤆		minimum elong		-3716 Apr 13 j 19:30	23° 𐤆 03'01	4°31'04
				min. Earth dist.		-3716 Apr 14 j 03:12	22° 𐤆 50'55	0.29213 AU
superior conj	-3719 Nov 21 j 09:26	2° 𐤆 11'13	0°-8'-31	morning rise		-3716 Apr 19 j 12:52	19° 𐤆 34'47	
minimum elong	-3719 Nov 21 j 07:05	2° 𐤆 03'50	0°08'29	desc. node		-3716 May 04 j 12:18	14° 𐤆 51'28	
behind sun begin	-3719 Nov 20 j 07:38	0° 𐤆 50'19		direct		-3716 May 05 j 06:00	14° 𐤆 50'51	
behind sun end	-3719 Nov 22 j 06:32	3° 𐤆 17'20		greatest brilliancy		-3716 May 19 j 07:24	18° 𐤆 15'34	-4.5m
max. Earth dist.	-3719 Nov 26 j 08:35	8° 𐤆 24'32	1.71380 AU			-3716 Jun 06 j 11:54	0° 𐤆	
	-3719 Dec 13 j 15:04	0° 𐤆		morning max el		-3716 Jun 23 j 08:50	14° 𐤆 58'27	46°01'30
evening rise	-3718 Jan 02 j 03:28	24° 𐤆 17'34				-3716 Jul 08 j 05:09	0° 𐤆	
	-3718 Jan 06 j 17:49	0° 𐤆				-3716 Aug 04 j 06:55	0° 𐤆	
	-3718 Jan 31 j 00:27	0° 𐤆		asc. node		-3716 Aug 25 j 10:36	24° 𐤆 55'19	
	-3718 Feb 24 j 12:21	0° 𐤆				-3716 Aug 29 j 15:46	0° 𐤆	
asc. node	-3718 Mar 10 j 14:11	17° 𐤆 04'57				-3716 Sep 23 j 03:36	0° 𐤆	
	-3718 Mar 21 j 07:36	0° 𐤆				-3716 Oct 17 j 05:04	0° 𐤆	
	-3718 Apr 15 j 13:10	0° 𐤆				-3716 Nov 10 j 03:17	0° 𐤆	
	-3718 May 11 j 10:04	0° 𐤆				-3716 Dec 04 j 02:28	0° 𐤆	
	-3718 Jun 07 j 10:31	0° 𐤆		desc. node		-3716 Dec 15 j 06:09	13° 𐤆 54'50	
evening max el	-3718 Jun 29 j 01:57	22° 𐤆 12'39	46°16'35	morning set		-3716 Dec 26 j 21:59	28° 𐤆 25'41	
desc. node	-3718 Jun 30 j 09:24	23° 𐤆 28'25				-3716 Dec 28 j 04:20	0° 𐤆	
	-3718 Jul 07 j 09:27	0° 𐤆				-3715 Jan 21 j 08:55	0° 𐤆	
greatest brilliancy	-3718 Aug 07 j 12:07	21° 𐤆 16'04	-4.6m					
retrograde	-3718 Aug 17 j 17:13	23° 𐤆 10'05		superior conj		-3715 Feb 05 j 05:27	18° 𐤆 21'52	-1°-23'-5
evening set	-3718 Sep 04 j 08:52	17° 𐤆 21'14		minimum elong		-3715 Feb 05 j 02:51	18° 𐤆 13'51	1°23'14
inferior conj	-3718 Sep 07 j 10:39	15° 𐤆 30'39	-8°-31'-53	max. Earth dist.		-3715 Feb 07 j 20:38	21° 𐤆 36'48	1.72999 AU
minimum elong	-3718 Sep 07 j 17:22	15° 𐤆 20'27	8°31'08			-3715 Feb 14 j 15:50	0° 𐤆	
min. Earth dist.	-3718 Sep 07 j 21:41	15° 𐤆 13'54	0.26829 AU			-3715 Mar 11 j 00:58	0° 𐤆	
morning rise	-3718 Sep 11 j 01:43	13° 𐤆 20'24		evening rise		-3715 Mar 15 j 01:50	4° 𐤆 57'14	
direct	-3718 Sep 27 j 23:55	7° 𐤆 50'17				-3715 Apr 04 j 12:31	0° 𐤆	
greatest brilliancy	-3718 Oct 10 j 23:26	10° 𐤆 57'48	-4.7m	asc. node		-3715 Apr 07 j 02:23	3° 𐤆 09'02	
asc. node	-3718 Oct 21 j 07:17	17° 𐤆 01'26				-3715 Apr 29 j 02:49	0° 𐤆	
	-3718 Nov 06 j 01:11	0° 𐤆				-3715 May 23 j 20:25	0° 𐤆	
morning max el	-3718 Nov 17 j 18:09	11° 𐤆 26'35	46°50'18			-3715 Jun 17 j 18:48	0° 𐤆	
	-3718 Dec 05 j 03:03	0° 𐤆				-3715 Jul 13 j 01:21	0° 𐤆	
	-3718 Dec 31 j 11:12	0° 𐤆		desc. node		-3715 Jul 27 j 21:16	17° 𐤆 17'34	
	-3717 Jan 25 j 23:43	0° 𐤆				-3715 Aug 07 j 23:28	0° 𐤆	
desc. node	-3717 Feb 10 j 03:58	18° 𐤆 02'14				-3715 Sep 04 j 08:46	0° 𐤆	
	-3717 Feb 20 j 04:25	0° 𐤆		evening max el		-3715 Sep 10 j 14:22	6° 𐤆 23'34	47°31'21
	-3717 Mar 17 j 04:32	0° 𐤆				-3715 Oct 07 j 05:12	0° 𐤆	
	-3717 Apr 11 j 00:36	0° 𐤆		greatest brilliancy		-3715 Oct 19 j 11:10	7° 𐤆 09'49	-4.7m
	-3717 May 05 j 16:20	0° 𐤆		retrograde		-3715 Oct 31 j 13:17	9° 𐤆 56'01	
morning set	-3717 May 19 j 02:17	16° 𐤆 25'23		evening set		-3715 Nov 15 j 00:42	5° 𐤆 41'34	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3715 Nov 17 j 18:44	4°♌06'56		superior conj	-3712 Apr 15 j 03:39	24°♋53'29	0°-43'-24
min. Earth dist.	-3715 Nov 20 j 11:50	2°♌27'35	0.26657 AU	minimum elong	-3712 Apr 15 j 11:09	25°♋16'28	0°43'07
inferior conj	-3715 Nov 21 j 04:54	2°♌01'09	0°52'20		-3712 Apr 19 j 07:32	0°♍	
minimum elong	-3715 Nov 21 j 02:59	2°♌04'08	0°51'39	asc. node	-3712 May 04 j 14:38	18°♍47'27	
	-3715 Nov 24 j 12:16	30°♌			-3712 May 13 j 17:25	0°♌	
morning rise	-3715 Nov 27 j 05:54	28°♌26'40		evening rise	-3712 May 20 j 22:49	8°♌53'35	
direct	-3715 Dec 11 j 11:34	24°♌20'38			-3712 Jun 07 j 01:58	0°♌	
greatest brilliancy	-3715 Dec 22 j 13:07	26°♌38'21	-4.6m		-3712 Jul 01 j 09:44	0°♌	
	-3715 Dec 29 j 10:38	0°♌			-3712 Jul 25 j 18:09	0°♌	
morning max el	-3714 Jan 30 j 02:46	25°♌54'48	46°17'53		-3712 Aug 19 j 05:19	0°♌	
	-3714 Feb 03 j 05:47	0°♌		desc. node	-3712 Aug 24 j 09:26	6°♌18'43	
	-3714 Mar 03 j 12:21	0°♌			-3712 Sep 12 j 22:06	0°♌	
desc. node	-3714 Mar 09 j 15:45	6°♌49'33			-3712 Oct 08 j 01:30	0°♌	
	-3714 Mar 30 j 01:42	0°♌			-3712 Nov 03 j 04:16	0°♌	
	-3714 Apr 24 j 19:32	0°♌		evening max el	-3712 Nov 21 j 01:31	19°♌09'21	47°02'22
	-3714 May 20 j 00:30	0°♌			-3712 Dec 02 j 03:44	0°♌	
	-3714 Jun 13 j 19:00	0°♌		asc. node	-3712 Dec 15 j 06:25	11°♌07'48	
asc. node	-3714 Jun 30 j 12:52	20°♌32'59		greatest brilliancy	-3712 Dec 27 j 05:51	18°♌45'38	-4.6m
	-3714 Jul 08 j 04:21	0°♌		retrograde	-3711 Jan 10 j 19:14	22°♌38'06	
morning set	-3714 Jul 26 j 08:03	22°♌35'27		evening set	-3711 Jan 28 j 04:54	16°♌39'48	
	-3714 Aug 01 j 06:13	0°♌		min. Earth dist.	-3711 Jan 31 j 07:37	14°♌41'53	0.28702 AU
	-3714 Aug 25 j 03:08	0°♌		inferior conj	-3711 Feb 01 j 00:08	14°♌15'23	8°11'44
max. Earth dist.	-3714 Sep 01 j 04:41	8°♌54'11	1.71089 AU	minimum elong	-3711 Jan 31 j 20:29	14°♌21'14	8°11'22
				morning rise	-3711 Feb 04 j 12:25	12°♌02'26	
superior conj	-3714 Sep 02 j 11:50	10°♌32'23	1°21'49	direct	-3711 Feb 22 j 06:11	6°♌01'19	
minimum elong	-3714 Sep 02 j 16:37	10°♌47'25	1°21'53	greatest brilliancy	-3711 Mar 05 j 10:07	8°♌16'47	-4.5m
	-3714 Sep 17 j 22:09	0°♌			-3711 Apr 05 j 16:56	0°♌	
	-3714 Oct 11 j 17:52	0°♌		desc. node	-3711 Apr 06 j 03:00	0°♌22'46	
evening rise	-3714 Oct 13 j 11:03	2°♌09'27		morning max el	-3711 Apr 12 j 00:39	5°♌52'11	45°49'33
desc. node	-3714 Oct 20 j 07:51	10°♌46'59			-3711 May 05 j 17:52	0°♌	
	-3714 Nov 04 j 15:52	0°♌			-3711 Jun 01 j 18:54	0°♌	
	-3714 Nov 28 j 17:08	0°♌			-3711 Jun 27 j 12:25	0°♌	
	-3714 Dec 22 j 23:03	0°♌			-3711 Jul 22 j 10:09	0°♌	
	-3713 Jan 16 j 12:35	0°♌		asc. node	-3711 Jul 28 j 00:54	6°♌52'07	
asc. node	-3713 Feb 10 j 04:03	29°♌26'55			-3711 Aug 15 j 18:03	0°♌	
	-3713 Feb 10 j 15:18	0°♌			-3711 Sep 08 j 17:04	0°♌	
	-3713 Mar 08 j 17:08	0°♌			-3711 Oct 02 j 11:54	0°♌	
	-3713 Apr 05 j 17:21	0°♌		morning set	-3711 Oct 07 j 22:50	6°♌53'29	
evening max el	-3713 Apr 15 j 03:25	9°♌14'35	45°10'24		-3711 Oct 26 j 06:21	0°♌	
	-3713 May 10 j 09:42	0°♌		desc. node	-3711 Nov 16 j 20:05	27°♌08'19	
greatest brilliancy	-3713 May 20 j 18:28	5°♌36'17	-4.5m				
desc. node	-3713 Jun 01 j 23:57	8°♌24'22		superior conj	-3711 Nov 18 j 18:36	29°♌34'12	0°-4'-32
retrograde	-3713 Jun 02 j 11:49	8°♌24'38		minimum elong	-3711 Nov 18 j 17:19	29°♌30'12	0°04'34
evening set	-3713 Jun 17 j 15:43	4°♌03'31		behind sun begin	-3711 Nov 17 j 15:05	28°♌07'54	
inferior conj	-3713 Jun 23 j 16:50	0°♌31'06	-4°-51'-4	behind sun end	-3711 Nov 19 j 19:34	0°♌52'29	
minimum elong	-3713 Jun 23 j 07:30	0°♌45'20	4°48'37		-3711 Nov 19 j 02:49	0°♌	
min. Earth dist.	-3713 Jun 24 j 00:58	0°♌18'40	0.28180 AU	max. Earth dist.	-3711 Nov 23 j 16:45	5°♌44'35	1.71326 AU
	-3713 Jun 24 j 13:13	30°♌			-3711 Dec 13 j 02:16	0°♌	
morning rise	-3713 Jun 28 j 22:50	27°♌23'59		evening rise	-3711 Dec 30 j 15:18	21°♌50'28	
direct	-3713 Jul 15 j 04:24	22°♌25'47			-3710 Jan 06 j 05:01	0°♌	
greatest brilliancy	-3713 Jul 29 j 16:48	26°♌09'38	-4.6m		-3710 Jan 30 j 11:43	0°♌	
	-3713 Aug 05 j 12:35	0°♌			-3710 Feb 23 j 23:49	0°♌	
morning max el	-3713 Sep 03 j 09:43	24°♌35'57	46°38'37	asc. node	-3710 Mar 09 j 16:11	16°♌35'44	
	-3713 Sep 08 j 16:25	0°♌			-3710 Mar 20 j 19:31	0°♌	
asc. node	-3713 Sep 22 j 22:05	15°♌22'54			-3710 Apr 15 j 01:56	0°♌	
	-3713 Oct 05 j 18:11	0°♌			-3710 May 11 j 00:30	0°♌	
	-3713 Oct 31 j 00:25	0°♌			-3710 Jun 07 j 04:30	0°♌	
	-3713 Nov 24 j 14:43	0°♌		evening max el	-3710 Jun 26 j 13:42	19°♌46'47	46°13'22
	-3713 Dec 19 j 00:27	0°♌		desc. node	-3710 Jun 29 j 11:37	22°♌34'04	
	-3712 Jan 12 j 10:16	0°♌			-3710 Jul 07 j 14:59	0°♌	
desc. node	-3712 Jan 12 j 18:16	0°♌24'34		greatest brilliancy	-3710 Aug 05 j 00:12	18°♌48'45	-4.6m
	-3712 Feb 05 j 21:12	0°♌		retrograde	-3710 Aug 15 j 04:30	20°♌42'33	
	-3712 Mar 01 j 08:51	0°♌		evening set	-3710 Sep 01 j 23:06	14°♌50'26	
morning set	-3712 Mar 09 j 16:17	10°♌10'39		inferior conj	-3710 Sep 04 j 22:55	13°♌02'56	-8°-38'-39
	-3712 Mar 25 j 20:31	0°♌		minimum elong	-3710 Sep 05 j 04:50	12°♌53'58	8°38'02
max. Earth dist.	-3712 Apr 13 j 22:58	23°♌25'27	1.73733 AU	min. Earth dist.	-3710 Sep 05 j 10:29	12°♌45'24	0.26875 AU
				morning rise	-3710 Sep 08 j 10:23	10°♌58'00	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3710 Sep 25 j 12:19	5°Ω21'30		-3707 Apr 28 j 14:00	0°⋈	
greatest brilliancy	-3710 Oct 08 j 15:18	8°Ω32'29	-4.7m	-3707 May 23 j 08:06	0°♊	
asc. node	-3710 Oct 20 j 09:23	15°Ω38'45		-3707 Jun 17 j 07:16	0°♋	
	-3710 Nov 06 j 05:34	0°♌		-3707 Jul 12 j 15:05	0°♍	
morning max el	-3710 Nov 15 j 06:54	8°♌57'23	46°51'03	desc. node	-3707 Jul 26 j 23:21	16°♍40'41
	-3710 Dec 04 j 21:08	0°♎		-3707 Aug 07 j 15:30	0°♏	
	-3710 Dec 31 j 01:59	0°♐		-3707 Sep 04 j 06:11	0°♑	
	-3709 Jan 25 j 12:52	0°♒		evening max el	-3707 Sep 08 j 05:18	4°♑01'59 47°30'14
desc. node	-3709 Feb 09 j 06:10	17°♒31'23		-3707 Oct 08 j 09:14	0°♓	
	-3709 Feb 19 j 16:38	0°♈		greatest brilliancy	-3707 Oct 17 j 01:46	4°♓42'56 -4.7m
	-3709 Mar 16 j 16:08	0°♉		retrograde	-3707 Oct 29 j 03:07	7°♓27'37
	-3709 Apr 10 j 11:49	0°♊		evening set	-3707 Nov 12 j 14:03	3°♓13'07
	-3709 May 05 j 03:19	0°♋		asc. node	-3707 Nov 16 j 20:56	0°♓42'40
morning set	-3709 May 16 j 21:13	14°♋22'45		min. Earth dist.	-3707 Nov 18 j 01:31	29°♓58'41 0.26613 AU
	-3709 May 29 j 14:14	0°♌		-3707 Nov 18 j 00:39	30°♓R♎	
asc. node	-3709 Jun 02 j 02:56	4°♌20'56		inferior conj	-3707 Nov 18 j 17:44	29°♓33'36 0°28'36
max. Earth dist.	-3709 Jun 17 j 14:35	23°♌29'36	1.72789 AU	minimum elong	-3707 Nov 18 j 16:41	29°♓35'14 0°28'12
				morning rise	-3707 Nov 24 j 20:00	25°♓58'02
superior conj	-3709 Jun 21 j 21:52	28°♌49'52	0°44'19	direct	-3707 Dec 09 j 00:35	21°♓53'59
minimum elong	-3709 Jun 21 j 14:12	28°♌26'04	0°44'06	greatest brilliancy	-3707 Dec 20 j 02:19	24°♓12'35 -4.6m
	-3709 Jun 22 j 20:29	0°♍		-3707 Dec 30 j 21:45	0°♎	
	-3709 Jul 16 j 22:47	0°♎		morning max el	-3706 Jan 27 j 17:39	23°♎36'55 46°19'15
evening rise	-3709 Jul 28 j 06:07	14°♎07'27		-3706 Feb 03 j 03:05	0°♏	
	-3709 Aug 09 j 22:47	0°♏		-3706 Mar 03 j 03:57	0°♐	
	-3709 Sep 02 j 22:33	0°♑		desc. node	-3706 Mar 08 j 17:41	6°♐13'06
desc. node	-3709 Sep 21 j 21:34	23°♑39'01		-3706 Mar 29 j 14:59	0°♒	
	-3709 Sep 27 j 00:02	0°♒		-3706 Apr 24 j 07:37	0°♓	
	-3709 Oct 21 j 04:58	0°♓		-3706 May 19 j 11:55	0°♈	
	-3709 Nov 14 j 15:47	0°♈		-3706 Jun 13 j 06:04	0°♉	
	-3709 Dec 09 j 13:49	0°♉		asc. node	-3706 Jun 29 j 15:03	20°♉06'01
asc. node	-3708 Jan 04 j 11:45	0°♊		-3706 Jul 07 j 15:15	0°♋	
evening max el	-3708 Jan 12 j 18:12	9°♊08'55		morning set	-3706 Jul 23 j 23:53	20°♋21'06
	-3708 Jan 31 j 20:27	28°♊59'43	45°37'28	-3706 Jul 31 j 17:05	0°♌	
	-3708 Feb 01 j 21:11	0°♋		-3706 Aug 24 j 14:04	0°♍	
greatest brilliancy	-3708 Mar 05 j 21:59	25°♋34'12	-4.5m	max. Earth dist.	-3706 Aug 29 j 09:47	6°♍04'29 1.71126 AU
retrograde	-3708 Mar 20 j 16:42	29°♋23'57				
evening set	-3708 Apr 05 j 21:01	24°♋22'47		superior conj	-3706 Aug 31 j 00:55	8°♍07'47 1°22'35
inferior conj	-3708 Apr 11 j 04:14	21°♋09'08	4°48'32	minimum elong	-3706 Aug 31 j 04:49	8°♍20'05 1°22'40
minimum elong	-3708 Apr 11 j 12:45	20°♋55'45	4°46'32	-3706 Sep 17 j 09:10	0°♎	
min. Earth dist.	-3708 Apr 11 j 19:44	20°♋44'46	0.29237 AU	evening rise	-3706 Oct 10 j 19:55	29°♎31'31
morning rise	-3708 Apr 17 j 04:09	17°♋30'27		-3706 Oct 11 j 04:59	0°♏	
direct	-3708 May 02 j 22:55	12°♋43'29		desc. node	-3706 Oct 19 j 09:57	10°♏18'35
desc. node	-3708 May 03 j 14:27	12°♋43'58		-3706 Nov 04 j 03:06	0°♐	
greatest brilliancy	-3708 May 16 j 23:51	16°♋08'03	-4.5m	-3706 Nov 28 j 04:30	0°♑	
	-3708 Jun 06 j 19:37	0°♒		-3706 Dec 22 j 10:37	0°♒	
morning max el	-3708 Jun 21 j 02:02	12°♒50'58	46°00'26	-3705 Jan 16 j 00:35	0°♓	
	-3708 Jul 07 j 22:52	0°♈		asc. node	-3705 Feb 09 j 06:05	28°♓55'08
	-3708 Aug 03 j 21:12	0°♉		-3705 Feb 10 j 04:10	0°♊	
asc. node	-3708 Aug 24 j 12:40	24°♉22'23		-3705 Mar 08 j 07:52	0°♋	
	-3708 Aug 29 j 04:38	0°♌		-3705 Apr 05 j 13:04	0°♌	
	-3708 Sep 22 j 15:44	0°♍		evening max el	-3705 Apr 12 j 19:06	7°♌04'06 45°09'44
	-3708 Oct 16 j 16:48	0°♎		-3705 May 11 j 14:33	0°♍	
	-3708 Nov 09 j 14:46	0°♏		greatest brilliancy	-3705 May 18 j 08:10	3°♍22'57 -4.5m
	-3708 Dec 03 j 13:47	0°♐		retrograde	-3705 May 31 j 02:02	6°♍11'57
desc. node	-3708 Dec 14 j 08:18	13°♐26'32		desc. node	-3705 Jun 01 j 02:06	6°♍10'48
morning set	-3708 Dec 24 j 08:38	25°♐54'49		evening set	-3705 Jun 15 j 04:49	1°♍53'23
	-3708 Dec 27 j 15:29	0°♒		-3705 Jun 18 j 12:34	30°♒R♈	
	-3707 Jan 20 j 19:54	0°♓		inferior conj	-3705 Jun 21 j 07:52	28°♒18'01 -4°-33'-14
				minimum elong	-3705 Jun 20 j 22:55	28°♒31'42 4°30'50
superior conj	-3707 Feb 02 j 20:00	16°♓04'56	-1°-22'-35	min. Earth dist.	-3705 Jun 21 j 16:23	28°♒04'58 0.28219 AU
minimum elong	-3707 Feb 02 j 16:34	15°♓54'20	1°22'43	morning rise	-3705 Jun 26 j 16:30	25°♒06'43
max. Earth dist.	-3707 Feb 05 j 12:50	19°♓25'09	1.72947 AU	direct	-3705 Jul 12 j 20:03	20°♒12'03
	-3707 Feb 14 j 02:41	0°♈		greatest brilliancy	-3705 Jul 27 j 07:42	23°♒54'18 -4.6m
	-3707 Mar 10 j 11:46	0°♉		-3705 Aug 06 j 12:33	0°♊	
evening rise	-3707 Mar 12 j 19:10	2°♉50'00		morning max el	-3705 Aug 31 j 23:20	22°♊14'20 46°37'14
	-3707 Apr 03 j 23:25	0°♋		-3705 Sep 08 j 12:23	0°♋	
asc. node	-3707 Apr 06 j 04:27	2°♋42'01		asc. node	-3705 Sep 22 j 00:10	14°♋41'07

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3705 Oct 05 j 09:31	0°♈					-3702 May 10 j 14:53	0°♈			
	-3705 Oct 30 j 13:56	0°♈					-3702 Jun 06 j 22:39	0°♈			
	-3705 Nov 24 j 03:17	0°♈				evening max el	-3702 Jun 24 j 01:55	17°♈23'12	46°10'25		
	-3705 Dec 18 j 12:24	0°♈				desc. node	-3702 Jun 28 j 13:44	21°♈39'20			
desc. node	-3704 Jan 11 j 20:23	29°♈55'47					-3702 Jul 07 j 22:13	0°♈			
	-3704 Jan 11 j 21:45	0°♈				greatest brilliancy	-3702 Aug 02 j 11:12	16°♈22'01	-4.6m		
	-3704 Feb 05 j 08:21	0°♈				retrograde	-3702 Aug 12 j 16:37	18°♈17'02			
	-3704 Feb 29 j 19:46	0°♈				evening set	-3702 Aug 30 j 13:10	12°♈21'55			
morning set	-3704 Mar 07 j 09:03	8°♈01'49				inferior conj	-3702 Sep 02 j 11:24	10°♈36'57	-8°-44'-13		
	-3704 Mar 25 j 07:16	0°♈				minimum elong	-3702 Sep 02 j 16:29	10°♈29'15	8°43'45		
max. Earth dist.	-3704 Apr 11 j 19:57	21°♈29'50	1.73730 AU			min. Earth dist.	-3702 Sep 02 j 23:01	10°♈19'23	0.26922 AU		
						morning rise	-3702 Sep 05 j 19:38	8°♈36'57			
superior conj	-3704 Apr 12 j 22:19	22°♈50'43	0°-46'00			direct	-3702 Sep 23 j 01:15	2°♈54'33			
minimum elong	-3704 Apr 13 j 06:05	23°♈14'34	0°45'43			greatest brilliancy	-3702 Oct 06 j 07:06	6°♈08'50	-4.7m		
	-3704 Apr 18 j 18:12	0°♈				asc. node	-3702 Oct 19 j 11:37	14°♈20'16			
asc. node	-3704 May 03 j 16:51	18°♈21'28					-3702 Nov 06 j 07:54	0°♈			
	-3704 May 13 j 04:06	0°♈				morning max el	-3702 Nov 12 j 20:37	6°♈31'34	46°51'26		
evening rise	-3704 May 18 j 18:20	6°♈52'55					-3702 Dec 04 j 14:36	0°♈			
	-3704 Jun 06 j 12:49	0°♈					-3702 Dec 30 j 16:30	0°♈			
	-3704 Jun 30 j 20:53	0°♈					-3701 Jan 25 j 01:55	0°♈			
	-3704 Jul 25 j 05:45	0°♈				desc. node	-3701 Feb 08 j 08:08	17°♈00'00			
	-3704 Aug 18 j 17:33	0°♈					-3701 Feb 19 j 04:47	0°♈			
desc. node	-3704 Aug 23 j 11:24	5°♈47'03					-3701 Mar 16 j 03:41	0°♈			
	-3704 Sep 12 j 11:13	0°♈					-3701 Apr 09 j 22:56	0°♈			
	-3704 Oct 07 j 16:02	0°♈					-3701 May 04 j 14:12	0°♈			
	-3704 Nov 02 j 21:46	0°♈				morning set	-3701 May 14 j 15:55	12°♈19'38			
evening max el	-3704 Nov 18 j 16:17	16°♈49'06	47°04'54				-3701 May 29 j 01:01	0°♈			
	-3704 Dec 02 j 07:20	0°♈				asc. node	-3701 Jun 01 j 05:02	3°♈54'11			
asc. node	-3704 Dec 14 j 08:37	9°♈55'30				max. Earth dist.	-3701 Jun 15 j 11:31	21°♈32'15	1.72843 AU		
greatest brilliancy	-3704 Dec 25 j 00:28	16°♈33'55	-4.6m								
retrograde	-3703 Jan 08 j 11:06	20°♈23'57				superior conj	-3701 Jun 19 j 15:55	26°♈43'22	0°41'36		
evening set	-3703 Jan 25 j 19:04	14°♈29'15				minimum elong	-3701 Jun 19 j 08:34	26°♈20'35	0°41'24		
min. Earth dist.	-3703 Jan 28 j 22:56	12°♈29'39	0.28638 AU				-3701 Jun 22 j 07:18	0°♈			
inferior conj	-3703 Jan 29 j 16:15	12°♈01'53	8°07'56				-3701 Jul 16 j 09:43	0°♈			
minimum elong	-3703 Jan 29 j 11:55	12°♈08'49	8°07'29			evening rise	-3701 Jul 25 j 22:21	11°♈53'53			
morning rise	-3703 Feb 02 j 05:07	9°♈47'55					-3701 Aug 09 j 09:53	0°♈			
direct	-3703 Feb 19 j 21:08	3°♈48'54					-3701 Sep 02 j 09:51	0°♈			
greatest brilliancy	-3703 Mar 02 j 23:55	6°♈02'54	-4.5m			desc. node	-3701 Sep 20 j 23:44	23°♈09'54			
desc. node	-3703 Apr 05 j 05:12	29°♈30'45					-3701 Sep 26 j 11:37	0°♈			
	-3703 Apr 05 j 17:54	0°♈					-3701 Oct 20 j 16:56	0°♈			
morning max el	-3703 Apr 09 j 15:01	3°♈38'23	45°49'59				-3701 Nov 14 j 04:19	0°♈			
	-3703 May 05 j 10:10	0°♈					-3701 Dec 09 j 03:22	0°♈			
	-3703 Jun 01 j 08:26	0°♈					-3700 Jan 04 j 03:30	0°♈			
	-3703 Jun 27 j 00:39	0°♈				asc. node	-3700 Jan 11 j 20:14	8°♈28'18			
asc. node	-3703 Jul 21 j 21:43	0°♈				evening max el	-3700 Jan 29 j 12:25	26°♈48'14	45°39'54		
	-3703 Jul 27 j 02:57	6°♈23'13					-3700 Feb 01 j 19:45	0°♈			
	-3703 Aug 15 j 05:17	0°♈				greatest brilliancy	-3700 Mar 03 j 13:35	23°♈25'18	-4.5m		
	-3703 Sep 08 j 04:10	0°♈				retrograde	-3700 Mar 18 j 10:01	27°♈16'47			
	-3703 Oct 01 j 22:57	0°♈				evening set	-3700 Apr 03 j 16:09	22°♈11'38			
morning set	-3703 Oct 05 j 09:49	4°♈21'41				inferior conj	-3700 Apr 08 j 20:58	19°♈01'05	5°03'39		
	-3703 Oct 25 j 17:25	0°♈				minimum elong	-3700 Apr 09 j 05:41	18°♈47'21	5°01'41		
desc. node	-3703 Nov 15 j 22:15	26°♈40'23				min. Earth dist.	-3700 Apr 09 j 11:40	18°♈37'58	0.29258 AU		
						morning rise	-3700 Apr 14 j 19:02	15°♈25'09			
superior conj	-3703 Nov 16 j 03:25	26°♈56'38	0°00'-30			direct	-3700 Apr 30 j 16:00	10°♈35'11			
minimum elong	-3703 Nov 16 j 03:14	26°♈56'03	0°00'34			desc. node	-3700 May 02 j 16:37	10°♈39'55			
behind sun begin	-3703 Nov 15 j 00:13	25°♈31'14				greatest brilliancy	-3700 May 14 j 15:10	13°♈58'31	-4.5m		
behind sun end	-3703 Nov 17 j 06:15	28°♈20'51					-3700 Jun 07 j 01:18	0°♈			
	-3703 Nov 18 j 13:52	0°♈				morning max el	-3700 Jun 18 j 19:08	10°♈43'08	45°59'23		
max. Earth dist.	-3703 Nov 20 j 20:53	2°♈52'27	1.71281 AU				-3700 Jul 07 j 16:17	0°♈			
	-3703 Dec 12 j 13:18	0°♈					-3700 Aug 03 j 11:24	0°♈			
evening rise	-3703 Dec 28 j 02:24	19°♈21'32				asc. node	-3700 Aug 23 j 14:42	23°♈49'25			
	-3702 Jan 05 j 16:04	0°♈					-3700 Aug 28 j 17:26	0°♈			
	-3702 Jan 29 j 22:50	0°♈					-3700 Sep 22 j 03:50	0°♈			
	-3702 Feb 23 j 11:08	0°♈					-3700 Oct 16 j 04:29	0°♈			
asc. node	-3702 Mar 08 j 18:18	16°♈07'14					-3700 Nov 09 j 02:13	0°♈			
	-3702 Mar 20 j 07:18	0°♈					-3700 Dec 03 j 01:03	0°♈			
	-3702 Apr 14 j 14:37	0°♈				desc. node	-3700 Dec 13 j 10:22	12°♈58'07			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning set	-3700 Dec 21 j 19:31	23° M 24'38		greatest brilliancy	-3697 May 15 j 21:38	1° II 07'59	-4.5m
	-3700 Dec 27 j 02:36	0° X		retrograde	-3697 May 28 j 16:01	3° II 58'03	
	-3699 Jan 20 j 06:54	0° C		desc. node	-3697 May 31 j 04:12	3° II 50'48	
					-3697 Jun 12 j 03:52	30° R 8	
superior conj	-3699 Jan 31 j 10:15	13° C 46'47	-1°-21'-56	evening set	-3697 Jun 12 j 17:55	29° C 41'30	
minimum elong	-3699 Jan 31 j 06:01	13° C 33'41	1°22'03	inferior conj	-3697 Jun 18 j 22:47	26° C 03'40	-4°-14'-50
max. Earth dist.	-3699 Feb 03 j 06:27	17° C 17'27	1.72902 AU	minimum elong	-3697 Jun 18 j 14:16	26° C 16'42	4°12'32
	-3699 Feb 13 j 13:37	0° \approx		min. Earth dist.	-3697 Jun 19 j 08:01	25° C 49'31	0.28260 AU
	-3699 Mar 09 j 22:43	0° H		morning rise	-3697 Jun 24 j 10:00	22° C 48'19	
evening rise	-3699 Mar 10 j 12:02	0° H 40'53		direct	-3697 Jul 10 j 11:04	17° C 56'49	
	-3699 Apr 03 j 10:30	0° Y		greatest brilliancy	-3697 Jul 24 j 23:32	21° C 38'57	-4.6m
asc. node	-3699 Apr 05 j 06:39	2° Y 14'50			-3697 Aug 07 j 06:53	0° II	
	-3699 Apr 28 j 01:22	0° C		morning max el	-3697 Aug 29 j 12:21	19° II 50'13	46°36'00
	-3699 May 22 j 19:59	0° II			-3697 Sep 08 j 08:09	0° C	
	-3699 Jun 16 j 19:59	0° C		asc. node	-3697 Sep 21 j 02:27	13° C 59'26	
	-3699 Jul 12 j 05:09	0° Ω			-3697 Oct 05 j 00:57	0° Ω	
desc. node	-3699 Jul 26 j 01:22	16° Ω 02'43			-3697 Oct 30 j 03:38	0° M	
	-3699 Aug 07 j 08:01	0° M			-3697 Nov 23 j 16:03	0° $\underline{\text{C}}$	
	-3699 Sep 04 j 04:36	0° $\underline{\text{C}}$			-3697 Dec 18 j 00:34	0° M	
evening max el	-3699 Sep 05 j 20:38	1° $\underline{\text{C}}$ 41'02	47°29'02	desc. node	-3696 Jan 10 j 22:23	29° M 25'57	
	-3699 Oct 10 j 01:22	0° M			-3696 Jan 11 j 09:28	0° X	
greatest brilliancy	-3699 Oct 14 j 17:07	2° M 16'49	-4.7m		-3696 Feb 04 j 19:43	0° C	
retrograde	-3699 Oct 26 j 16:46	4° M 58'50			-3696 Feb 29 j 06:53	0° \approx	
evening set	-3699 Nov 10 j 03:41	0° M 44'27		morning set	-3696 Mar 05 j 01:57	5° \approx 52'36	
	-3699 Nov 11 j 11:23	30° R $\underline{\text{C}}$			-3696 Mar 24 j 18:14	0° H	
min. Earth dist.	-3699 Nov 15 j 15:17	27° $\underline{\text{C}}$ 29'38	0.26567 AU	max. Earth dist.	-3696 Apr 09 j 16:11	19° H 31'13	1.73733 AU
asc. node	-3699 Nov 15 j 23:02	27° $\underline{\text{C}}$ 17'40					
inferior conj	-3699 Nov 16 j 06:36	27° $\underline{\text{C}}$ 05'59	0°04'51	superior conj	-3696 Apr 10 j 17:06	20° H 47'37	0°-48'-30
minimum elong	-3699 Nov 16 j 06:25	27° $\underline{\text{C}}$ 06'16	0°04'44	minimum elong	-3696 Apr 11 j 01:07	21° H 12'13	0°48'14
transit middle	-3699 Nov 16 j 06:25	27° $\underline{\text{C}}$ 06'16	0°04'44		-3696 Apr 18 j 05:09	0° Y	
transit begin	-3699 Nov 16 j 02:32	27° $\underline{\text{C}}$ 12'16		asc. node	-3696 May 02 j 18:56	17° Y 54'11	
transit end	-3699 Nov 16 j 10:18	27° $\underline{\text{C}}$ 00'15			-3696 May 12 j 15:07	0° C	
morning rise	-3699 Nov 22 j 09:53	23° $\underline{\text{C}}$ 29'25		evening rise	-3696 May 16 j 13:52	4° C 51'18	
direct	-3699 Dec 06 j 13:45	19° $\underline{\text{C}}$ 27'29			-3696 Jun 06 j 00:02	0° II	
greatest brilliancy	-3699 Dec 17 j 15:06	21° $\underline{\text{C}}$ 46'11	-4.6m		-3696 Jun 30 j 08:26	0° C	
	-3699 Dec 31 j 22:42	0° M			-3696 Jul 24 j 17:45	0° Ω	
morning max el	-3698 Jan 25 j 07:33	21° M 16'25	46°20'30		-3696 Aug 18 j 06:11	0° M	
	-3698 Feb 02 j 23:41	0° X		desc. node	-3696 Aug 22 j 13:35	5° M 14'47	
	-3698 Mar 02 j 19:25	0° C			-3696 Sep 12 j 00:45	0° $\underline{\text{C}}$	
desc. node	-3698 Mar 07 j 19:55	5° C 37'23			-3696 Oct 07 j 07:04	0° M	
	-3698 Mar 29 j 04:21	0° \approx			-3696 Nov 02 j 16:01	0° X	
	-3698 Apr 23 j 19:54	0° H		evening max el	-3696 Nov 16 j 06:29	14° X 26'25	47°07'30
	-3698 May 18 j 23:35	0° Y			-3696 Dec 02 j 13:11	0° C	
	-3698 Jun 12 j 17:23	0° C		asc. node	-3696 Dec 13 j 10:41	8° C 40'05	
asc. node	-3698 Jun 28 j 17:04	19° C 37'49		greatest brilliancy	-3696 Dec 22 j 18:27	14° C 20'20	-4.6m
	-3698 Jul 07 j 02:23	0° II		retrograde	-3695 Jan 06 j 03:15	18° C 09'11	
morning set	-3698 Jul 21 j 15:31	18° II 05'32		evening set	-3695 Jan 23 j 09:05	12° C 18'11	
	-3698 Jul 31 j 04:10	0° C		min. Earth dist.	-3695 Jan 26 j 14:21	10° C 16'41	0.28572 AU
	-3698 Aug 24 j 01:12	0° Ω		inferior conj	-3695 Jan 27 j 08:25	9° C 47'42	8°03'23
max. Earth dist.	-3698 Aug 26 j 14:00	3° Ω 11'28	1.71167 AU	minimum elong	-3695 Jan 27 j 03:27	9° C 55'41	8°02'51
				morning rise	-3695 Jan 30 j 22:08	7° C 32'30	
superior conj	-3698 Aug 28 j 14:03	5° Ω 42'46	1°23'11	direct	-3695 Feb 17 j 11:51	1° C 35'42	
minimum elong	-3698 Aug 28 j 17:03	5° Ω 52'15	1°23'17	greatest brilliancy	-3695 Feb 28 j 14:32	3° C 49'20	-4.5m
	-3698 Sep 16 j 20:25	0° M		desc. node	-3695 Apr 04 j 07:20	28° C 39'08	
evening rise	-3698 Oct 08 j 04:53	26° M 53'06			-3695 Apr 05 j 17:54	0° \approx	
	-3698 Oct 10 j 16:21	0° $\underline{\text{C}}$		morning max el	-3695 Apr 07 j 05:46	1° \approx 24'56	45°50'31
desc. node	-3698 Oct 18 j 12:07	9° $\underline{\text{C}}$ 49'38			-3695 May 05 j 02:24	0° H	
	-3698 Nov 03 j 14:34	0° M			-3695 May 31 j 22:06	0° Y	
	-3698 Nov 27 j 16:03	0° X			-3695 Jun 26 j 13:08	0° C	
	-3698 Dec 21 j 22:22	0° C			-3695 Jul 21 j 09:37	0° II	
	-3697 Jan 15 j 12:47	0° \approx		asc. node	-3695 Jul 26 j 05:04	5° II 53'28	
asc. node	-3697 Feb 08 j 08:11	28° \approx 22'57			-3695 Aug 14 j 16:54	0° C	
	-3697 Feb 09 j 17:16	0° H			-3695 Sep 07 j 15:39	0° Ω	
	-3697 Mar 07 j 23:01	0° Y			-3695 Oct 01 j 10:21	0° M	
	-3697 Apr 05 j 09:47	0° C		morning set	-3695 Oct 02 j 20:46	1° M 48'39	
evening max el	-3697 Apr 10 j 09:53	4° C 50'28	45°08'58		-3695 Oct 25 j 04:46	0° $\underline{\text{C}}$	
	-3697 May 13 j 09:36	0° II					

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3695 Nov 13 j 12:03	24° Ω 17'28	0°03'34	morning rise	-3692 Apr 12 j 09:57	13° Υ 20'11	
minimum elong	-3695 Nov 13 j 13:01	24° Ω 20'29	0°03'28	direct	-3692 Apr 28 j 09:27	8° Υ 27'27	
behind sun begin	-3695 Nov 12 j 10:20	22° Ω 56'42		desc. node	-3692 May 01 j 18:40	8° Υ 40'32	
behind sun end	-3695 Nov 14 j 15:41	25° Ω 44'14		greatest brilliancy	-3692 May 12 j 05:26	11° Υ 47'51	-4.5m
desc. node	-3695 Nov 15 j 00:15	26° Ω 11'07			-3692 Jun 07 j 05:05	0° Υ	
max. Earth dist.	-3695 Nov 18 j 00:46	29° Ω 58'37	1.71238 AU	morning max el	-3692 Jun 16 j 11:59	8° Υ 34'49	45°58'23
	-3695 Nov 18 j 01:13	0° Υ			-3692 Jul 07 j 09:21	0° Υ	
	-3695 Dec 12 j 00:39	0° Υ			-3692 Aug 03 j 01:28	0° Υ	
evening rise	-3695 Dec 25 j 13:31	16° Υ 51'39		asc. node	-3692 Aug 22 j 16:59	23° Υ 17'13	
	-3694 Jan 05 j 03:25	0° Υ			-3692 Aug 28 j 06:14	0° Υ	
	-3694 Jan 29 j 10:14	0° Υ			-3692 Sep 21 j 16:00	0° Υ	
	-3694 Feb 22 j 22:43	0° Υ			-3692 Oct 15 j 16:20	0° Υ	
asc. node	-3694 Mar 07 j 20:31	15° Υ 38'21			-3692 Nov 08 j 13:52	0° Υ	
	-3694 Mar 19 j 19:20	0° Υ			-3692 Dec 02 j 12:32	0° Υ	
	-3694 Apr 14 j 03:35	0° Υ		desc. node	-3692 Dec 12 j 12:26	12° Υ 29'05	
	-3694 May 10 j 05:41	0° Υ		morning set	-3692 Dec 19 j 05:53	20° Υ 52'11	
	-3694 Jun 06 j 17:33	0° Υ			-3692 Dec 26 j 13:55	0° Υ	
evening max el	-3694 Jun 21 j 14:50	15° Υ 00'39	46°07'15		-3691 Jan 19 j 18:03	0° Υ	
desc. node	-3694 Jun 27 j 15:45	20° Υ 42'12					
	-3694 Jul 08 j 08:38	0° Υ		superior conj	-3691 Jan 29 j 00:03	11° Υ 26'45	-1°-21'-8
greatest brilliancy	-3694 Jul 30 j 21:12	13° Ω 53'03	-4.6m	minimum elong	-3691 Jan 28 j 19:00	11° Υ 11'10	1°21'14
retrograde	-3694 Aug 10 j 05:04	15° Ω 49'59		max. Earth dist.	-3691 Feb 01 j 01:39	15° Υ 14'15	1.72849 AU
evening set	-3694 Aug 28 j 02:37	9° Ω 52'27			-3691 Feb 13 j 00:39	0° Υ	
inferior conj	-3694 Aug 30 j 23:42	8° Ω 09'19	-8°-48'-42	evening rise	-3691 Mar 08 j 04:46	28° Υ 31'01	
minimum elong	-3694 Aug 31 j 03:54	8° Ω 02'58	8°48'22		-3691 Mar 09 j 09:45	0° Υ	
min. Earth dist.	-3694 Aug 31 j 11:02	7° Ω 52'12	0.26972 AU		-3691 Apr 02 j 21:40	0° Υ	
morning rise	-3694 Sep 03 j 05:02	6° Ω 13'46		asc. node	-3691 Apr 04 j 08:42	1° Υ 46'58	
direct	-3694 Sep 20 j 14:37	0° Ω 26'03			-3691 Apr 27 j 12:49	0° Υ	
greatest brilliancy	-3694 Oct 03 j 22:11	3° Ω 42'51	-4.7m		-3691 May 22 j 07:54	0° Υ	
asc. node	-3694 Oct 18 j 13:42	13° Ω 02'30			-3691 Jun 16 j 08:42	0° Υ	
	-3694 Nov 06 j 09:24	0° Υ			-3691 Jul 11 j 19:14	0° Υ	
morning max el	-3694 Nov 10 j 10:54	4° Υ 06'01	46°51'54	desc. node	-3691 Jul 25 j 03:35	15° Ω 25'23	
	-3694 Dec 04 j 08:04	0° Υ			-3691 Aug 07 j 00:43	0° Υ	
	-3694 Dec 30 j 07:09	0° Υ		evening max el	-3691 Sep 03 j 11:12	29° Υ 18'14	47°27'20
	-3693 Jan 24 j 15:08	0° Υ			-3691 Sep 04 j 03:54	0° Υ	
desc. node	-3693 Feb 07 j 10:19	16° Υ 28'43		greatest brilliancy	-3691 Oct 12 j 09:01	29° Ω 50'47	-4.7m
	-3693 Feb 18 j 17:06	0° Υ			-3691 Oct 12 j 17:53	0° Υ	
	-3693 Mar 15 j 15:24	0° Υ		retrograde	-3691 Oct 24 j 05:39	2° Υ 28'58	
	-3693 Apr 09 j 10:15	0° Υ			-3691 Nov 04 j 04:35	30° Υ 14'34	
	-3693 May 04 j 01:15	0° Υ		evening set	-3691 Nov 07 j 17:19	28° Ω 14'34	
morning set	-3693 May 12 j 11:07	10° Υ 17'39		min. Earth dist.	-3691 Nov 13 j 05:15	24° Ω 59'02	0.26529 AU
	-3693 May 28 j 11:58	0° Υ		inferior conj	-3691 Nov 13 j 19:15	24° Ω 37'23	0°-19'-9
asc. node	-3693 May 31 j 07:06	3° Υ 26'48		minimum elong	-3691 Nov 13 j 19:58	24° Ω 36'17	0°19'00
max. Earth dist.	-3693 Jun 13 j 08:53	19° Υ 35'50	1.72897 AU	asc. node	-3691 Nov 15 j 01:08	23° Ω 51'20	
				morning rise	-3691 Nov 19 j 23:20	20° Ω 59'48	
superior conj	-3693 Jun 17 j 10:25	24° Υ 37'54	0°38'51	direct	-3691 Dec 04 j 02:24	16° Ω 59'51	
minimum elong	-3693 Jun 17 j 03:26	24° Υ 16'17	0°38'41	greatest brilliancy	-3691 Dec 15 j 04:29	19° Ω 19'14	-4.6m
	-3693 Jun 21 j 18:17	0° Υ			-3690 Jan 01 j 17:31	0° Υ	
	-3693 Jul 15 j 20:51	0° Υ		morning max el	-3690 Jan 22 j 20:27	18° Υ 52'33	46°21'51
evening rise	-3693 Jul 23 j 15:00	9° Υ 41'01			-3690 Feb 02 j 19:50	0° Υ	
	-3693 Aug 08 j 21:12	0° Υ			-3690 Mar 02 j 10:46	0° Υ	
	-3693 Sep 01 j 21:27	0° Υ		desc. node	-3690 Mar 06 j 22:05	5° Υ 01'38	
desc. node	-3693 Sep 20 j 01:52	22° Υ 39'38			-3690 Mar 28 j 17:37	0° Υ	
	-3693 Sep 25 j 23:32	0° Υ			-3690 Apr 23 j 08:05	0° Υ	
	-3693 Oct 20 j 05:15	0° Υ			-3690 May 18 j 11:08	0° Υ	
	-3693 Nov 13 j 17:12	0° Υ			-3690 Jun 12 j 04:35	0° Υ	
	-3693 Dec 08 j 17:17	0° Υ		asc. node	-3690 Jun 27 j 19:13	19° Υ 10'22	
	-3692 Jan 03 j 19:43	0° Υ			-3690 Jul 06 j 13:24	0° Υ	
asc. node	-3692 Jan 10 j 22:22	7° Υ 47'01		morning set	-3690 Jul 19 j 07:46	15° Υ 52'19	
evening max el	-3692 Jan 27 j 04:52	24° Υ 37'21	45°42'30		-3690 Jul 30 j 15:08	0° Υ	
	-3692 Feb 01 j 19:28	0° Υ			-3690 Aug 23 j 12:11	0° Υ	
greatest brilliancy	-3692 Mar 01 j 06:37	21° Υ 18'09	-4.5m	max. Earth dist.	-3690 Aug 23 j 20:52	0° Ω 27'18	1.71210 AU
retrograde	-3692 Mar 16 j 03:25	25° Υ 09'40					
evening set	-3692 Apr 01 j 11:34	20° Υ 00'51		superior conj	-3690 Aug 26 j 03:58	3° Ω 20'50	1°23'37
inferior conj	-3692 Apr 06 j 13:56	16° Υ 53'18	5°18'18	minimum elong	-3690 Aug 26 j 06:07	3° Ω 27'35	1°23'44
minimum elong	-3692 Apr 06 j 22:48	16° Υ 39'19	5°16'21		-3690 Sep 16 j 07:31	0° Υ	
min. Earth dist.	-3692 Apr 07 j 03:43	16° Υ 31'35	0.29271 AU	evening rise	-3690 Oct 05 j 14:29	24° Υ 17'12	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3690 Oct 10 j 03:34	0°♊		desc. node	-3687 Apr 03 j 09:21	27°♊48'41	
desc. node	-3690 Oct 17 j 14:07	9°♊20'35		morning max el	-3687 Apr 04 j 21:23	29°♊13'58	45°51'02
	-3690 Nov 03 j 01:54	0°♋			-3687 Apr 05 j 16:40	0°♋	
	-3690 Nov 27 j 03:34	0°♌			-3687 May 04 j 18:11	0°♌	
	-3690 Dec 21 j 10:08	0°♍			-3687 May 31 j 11:24	0°♍	
	-3689 Jan 15 j 01:01	0°♎			-3687 Jun 26 j 01:16	0°♎	
asc. node	-3689 Feb 07 j 10:25	27°♎51'03			-3687 Jul 20 j 21:09	0°♏	
	-3689 Feb 09 j 06:28	0°♐		asc. node	-3687 Jul 25 j 07:16	5°♏24'59	
	-3689 Mar 07 j 14:20	0°♑			-3687 Aug 14 j 04:09	0°♑	
	-3689 Apr 05 j 07:06	0°♒			-3687 Sep 07 j 02:46	0°♒	
evening max el	-3689 Apr 08 j 00:05	2°♒35'58	45°08'31	morning set	-3687 Sep 30 j 08:05	29°♒17'52	
greatest brilliancy	-3689 May 13 j 10:19	28°♒52'58	-4.5m		-3687 Sep 30 j 21:25	0°♓	
	-3689 May 16 j 08:24	0°♓			-3687 Oct 24 j 15:48	0°♓	
retrograde	-3689 May 26 j 06:27	1°♓45'31					
desc. node	-3689 May 30 j 06:18	1°♓27'01		superior conj	-3687 Nov 10 j 20:59	21°♓40'11	0°07'34
	-3689 Jun 04 j 19:21	30°♐♒		minimum elong	-3687 Nov 10 j 23:03	21°♓46'41	0°07'25
evening set	-3689 Jun 10 j 07:23	27°♐30'20		behind sun begin	-3687 Nov 09 j 22:34	20°♓29'44	
inferior conj	-3689 Jun 16 j 13:53	23°♐50'30	-3°-56'-17	behind sun end	-3687 Nov 11 j 23:33	23°♓03'37	
minimum elong	-3689 Jun 16 j 05:51	24°♐02'50	3°54'03	desc. node	-3687 Nov 14 j 02:23	25°♓43'16	
min. Earth dist.	-3689 Jun 16 j 23:51	23°♐35'14	0.28300 AU	max. Earth dist.	-3687 Nov 15 j 06:31	27°♓11'33	1.71195 AU
morning rise	-3689 Jun 22 j 03:35	20°♐31'28			-3687 Nov 17 j 12:12	0°♑	
direct	-3689 Jul 08 j 01:58	15°♐42'36			-3687 Dec 11 j 11:37	0°♒	
greatest brilliancy	-3689 Jul 22 j 16:26	19°♐26'07	-4.6m	evening rise	-3687 Dec 23 j 00:47	14°♒23'25	
	-3689 Aug 07 j 20:11	0°♓			-3686 Jan 04 j 14:23	0°♓	
morning max el	-3689 Aug 27 j 02:20	17°♓29'32	46°34'58		-3686 Jan 28 j 21:17	0°♔	
	-3689 Sep 08 j 03:02	0°♔			-3686 Feb 22 j 10:01	0°♕	
asc. node	-3689 Sep 20 j 04:28	13°♔18'24		asc. node	-3686 Mar 06 j 22:32	15°♕09'36	
	-3689 Oct 04 j 15:53	0°♖			-3686 Mar 19 j 07:09	0°♖	
	-3689 Oct 29 j 16:55	0°♗			-3686 Apr 13 j 16:23	0°♘	
	-3689 Nov 23 j 04:29	0°♘			-3686 May 09 j 20:24	0°♙	
	-3689 Dec 17 j 12:27	0°♚			-3686 Jun 06 j 12:40	0°♚	
desc. node	-3688 Jan 10 j 00:34	28°♚57'14		evening max el	-3686 Jun 19 j 04:43	12°♚41'33	46°04'18
	-3688 Jan 10 j 20:58	0°♛		desc. node	-3686 Jun 26 j 17:59	19°♚45'21	
	-3688 Feb 04 j 06:56	0°♜			-3686 Jul 08 j 21:56	0°♛	
	-3688 Feb 28 j 17:52	0°♞		greatest brilliancy	-3686 Jul 28 j 07:04	11°♛25'32	-4.6m
morning set	-3688 Mar 02 j 18:16	3°♞41'56		retrograde	-3686 Aug 07 j 17:42	13°♛24'18	
	-3688 Mar 24 j 05:03	0°♟		evening set	-3686 Aug 25 j 15:48	7°♛25'11	
max. Earth dist.	-3688 Apr 07 j 12:00	17°♟31'47	1.73731 AU	inferior conj	-3686 Aug 28 j 12:04	5°♛43'08	-8°-52'-19
				minimum elong	-3686 Aug 28 j 15:22	5°♛38'10	8°52'03
superior conj	-3688 Apr 08 j 11:31	18°♟43'56	0°-50'-59	min. Earth dist.	-3686 Aug 28 j 22:51	5°♛26'53	0.27019 AU
minimum elong	-3688 Apr 08 j 19:46	19°♟09'14	0°50'43	morning rise	-3686 Aug 31 j 14:50	3°♛51'28	
	-3688 Apr 17 j 15:53	0°♙			-3686 Sep 08 j 06:05	30°♙♔	
asc. node	-3688 May 01 j 20:58	17°♙27'22		direct	-3686 Sep 18 j 04:23	27°♔59'17	
	-3688 May 12 j 01:55	0°♘			-3686 Sep 28 j 11:02	0°♖	
evening rise	-3688 May 14 j 09:15	2°♘50'05		greatest brilliancy	-3686 Oct 01 j 12:13	1°♖16'56	-4.7m
	-3688 Jun 05 j 11:01	0°♙		asc. node	-3686 Oct 17 j 15:49	11°♖48'23	
	-3688 Jun 29 j 19:45	0°♚			-3686 Nov 06 j 09:15	0°♗	
	-3688 Jul 24 j 05:32	0°♗		morning max el	-3686 Nov 08 j 01:18	1°♗42'00	46°52'15
	-3688 Aug 17 j 18:34	0°♘			-3686 Dec 04 j 00:48	0°♘	
desc. node	-3688 Aug 21 j 15:43	4°♘43'12			-3686 Dec 29 j 21:15	0°♙	
	-3688 Sep 11 j 14:01	0°♙			-3685 Jan 24 j 03:51	0°♚	
	-3688 Oct 06 j 21:52	0°♚		desc. node	-3685 Feb 06 j 12:28	15°♚58'36	
	-3688 Nov 02 j 10:13	0°♛			-3685 Feb 18 j 04:59	0°♜	
evening max el	-3688 Nov 13 j 20:59	12°♛05'45	47°09'59		-3685 Mar 15 j 02:43	0°♞	
	-3688 Dec 02 j 20:46	0°♜			-3685 Apr 08 j 21:13	0°♟	
asc. node	-3688 Dec 12 j 12:50	7°♜23'36			-3685 May 03 j 12:02	0°♙	
greatest brilliancy	-3688 Dec 20 j 11:14	12°♜05'56	-4.6m	morning set	-3685 May 10 j 06:08	8°♙15'56	
retrograde	-3687 Jan 03 j 19:40	15°♜55'06			-3685 May 27 j 22:41	0°♘	
evening set	-3687 Jan 20 j 22:46	10°♜07'43		asc. node	-3685 May 30 j 09:17	3°♘00'34	
min. Earth dist.	-3687 Jan 24 j 05:27	8°♜04'24	0.28512 AU	max. Earth dist.	-3685 Jun 11 j 03:58	17°♘33'17	1.72948 AU
inferior conj	-3687 Jan 25 j 00:30	7°♜33'56	7°58'02				
minimum elong	-3687 Jan 24 j 18:55	7°♜42'53	7°57'23	superior conj	-3685 Jun 15 j 04:43	22°♘32'40	0°36'04
morning rise	-3687 Jan 28 j 15:22	5°♜17'11		minimum elong	-3685 Jun 14 j 22:09	22°♘12'21	0°35'53
	-3687 Feb 09 j 13:34	30°♙♒			-3685 Jun 21 j 05:02	0°♙	
direct	-3687 Feb 15 j 02:41	29°♒22'44			-3685 Jul 15 j 07:42	0°♚	
	-3687 Feb 20 j 20:14	0°♜		evening rise	-3685 Jul 21 j 07:31	7°♚28'41	
greatest brilliancy	-3687 Feb 26 j 05:26	1°♜36'31	-4.5m		-3685 Aug 08 j 08:14	0°♗	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3685 Sep 01 j 08:45	0° \mathbb{M}				-3682 Apr 22 j 20:06	0° \mathbb{H}		
desc. node	-3685 Sep 19 j 03:52	22° \mathbb{M} 09'56				-3682 May 17 j 22:33	0° \mathbb{Y}		
	-3685 Sep 25 j 11:10	0° $\underline{\mathbb{A}}$				-3682 Jun 11 j 15:40	0° \mathbb{B}		
	-3685 Oct 19 j 17:18	0° \mathbb{M}			asc. node	-3682 Jun 26 j 21:26	18° \mathbb{B} 43'17		
	-3685 Nov 13 j 05:50	0° \mathbb{A}				-3682 Jul 06 j 00:22	0° \mathbb{H}		
	-3685 Dec 08 j 06:58	0° \mathbb{B}			morning set	-3682 Jul 16 j 23:57	13° \mathbb{H} 38'57		
	-3684 Jan 03 j 11:51	0° \approx				-3682 Jul 30 j 02:05	0° \mathbb{B}		
asc. node	-3684 Jan 10 j 00:37	7° \approx 06'39			max. Earth dist.	-3682 Aug 21 j 05:14	27° \mathbb{B} 47'49	1.71259 AU	
evening max el	-3684 Jan 24 j 21:06	22° \approx 26'46	45°45'04			-3682 Aug 22 j 23:13	0° \mathbb{A}		
	-3684 Feb 01 j 19:53	0° \mathbb{H}							
greatest brilliancy	-3684 Feb 28 j 00:04	19° \mathbb{H} 12'27	-4.5m		superior conj	-3682 Aug 23 j 17:43	0° \mathbb{A} 58'13	1°23'54	
retrograde	-3684 Mar 13 j 20:23	23° \mathbb{H} 03'22			minimum elong	-3682 Aug 23 j 18:59	1° \mathbb{A} 02'13	1°24'02	
evening set	-3684 Mar 30 j 07:01	17° \mathbb{H} 51'00				-3682 Sep 15 j 18:39	0° \mathbb{M}		
inferior conj	-3684 Apr 04 j 06:56	14° \mathbb{H} 46'29	5°32'29		evening rise	-3682 Oct 02 j 23:51	21° \mathbb{M} 40'29		
minimum elong	-3684 Apr 04 j 15:53	14° \mathbb{H} 32'20	5°30'34			-3682 Oct 09 j 14:49	0° $\underline{\mathbb{A}}$		
min. Earth dist.	-3684 Apr 04 j 19:58	14° \mathbb{H} 25'53	0.29285 AU		desc. node	-3682 Oct 16 j 16:15	8° $\underline{\mathbb{A}}$ 51'54		
morning rise	-3684 Apr 10 j 00:42	11° \mathbb{H} 16'08				-3682 Nov 02 j 13:16	0° \mathbb{M}		
direct	-3684 Apr 26 j 02:43	6° \mathbb{H} 20'39				-3682 Nov 26 j 15:04	0° \mathbb{A}		
desc. node	-3684 Apr 30 j 20:48	6° \mathbb{H} 46'11				-3682 Dec 20 j 21:55	0° \mathbb{B}		
greatest brilliancy	-3684 May 09 j 19:05	9° \mathbb{H} 37'07	-4.5m			-3681 Jan 14 j 13:18	0° \approx		
	-3684 Jun 07 j 07:04	0° \mathbb{Y}			asc. node	-3681 Feb 06 j 12:27	27° \approx 18'26		
morning max el	-3684 Jun 14 j 04:02	6° \mathbb{Y} 25'07	45°57'19			-3681 Feb 08 j 19:45	0° \mathbb{H}		
	-3684 Jul 07 j 01:55	0° \mathbb{B}				-3681 Mar 07 j 05:51	0° \mathbb{Y}		
	-3684 Aug 02 j 15:16	0° \mathbb{H}				-3681 Apr 05 j 05:12	0° \mathbb{B}		
asc. node	-3684 Aug 21 j 19:02	22° \mathbb{H} 44'59			evening max el	-3681 Apr 05 j 14:34	0° \mathbb{B} 22'18	45°08'16	
	-3684 Aug 27 j 18:47	0° \mathbb{B}			greatest brilliancy	-3681 May 10 j 21:53	26° \mathbb{B} 37'04	-4.5m	
	-3684 Sep 21 j 03:54	0° \mathbb{A}			retrograde	-3681 May 23 j 21:24	29° \mathbb{B} 33'35		
	-3684 Oct 15 j 03:54	0° \mathbb{M}			desc. node	-3681 May 29 j 08:28	28° \mathbb{B} 58'45		
	-3684 Nov 08 j 01:13	0° $\underline{\mathbb{A}}$			evening set	-3681 Jun 07 j 21:09	25° \mathbb{B} 19'15		
	-3684 Dec 01 j 23:44	0° \mathbb{M}			inferior conj	-3681 Jun 14 j 05:04	21° \mathbb{B} 37'43	-3°-37'-29	
desc. node	-3684 Dec 11 j 14:36	12° \mathbb{M} 01'05			minimum elong	-3681 Jun 13 j 21:33	21° \mathbb{B} 49'14	3°35'20	
morning set	-3684 Dec 16 j 16:11	18° \mathbb{M} 20'11			min. Earth dist.	-3681 Jun 14 j 15:33	21° \mathbb{B} 21'41	0.28344 AU	
	-3684 Dec 26 j 00:58	0° \mathbb{A}			morning rise	-3681 Jun 19 j 21:12	18° \mathbb{B} 15'20		
	-3683 Jan 19 j 04:58	0° \mathbb{B}			direct	-3681 Jul 05 j 17:17	13° \mathbb{B} 28'42		
					greatest brilliancy	-3681 Jul 20 j 09:49	17° \mathbb{B} 14'17	-4.6m	
superior conj	-3683 Jan 26 j 13:48	9° \mathbb{B} 07'11	-1°-20'-12			-3681 Aug 08 j 06:07	0° \mathbb{H}		
minimum elong	-3683 Jan 26 j 07:58	8° \mathbb{B} 49'09	1°20'17		morning max el	-3681 Aug 24 j 17:19	15° \mathbb{H} 11'23	46°33'42	
max. Earth dist.	-3683 Jan 29 j 20:50	13° \mathbb{B} 11'34	1.72793 AU			-3681 Sep 07 j 21:35	0° \mathbb{B}		
	-3683 Feb 12 j 11:28	0° \approx			asc. node	-3681 Sep 19 j 06:37	12° \mathbb{B} 37'44		
evening rise	-3683 Mar 05 j 21:28	26° \approx 21'40				-3681 Oct 04 j 06:50	0° \mathbb{A}		
	-3683 Mar 08 j 20:34	0° \mathbb{H}				-3681 Oct 29 j 06:20	0° \mathbb{M}		
	-3683 Apr 02 j 08:37	0° \mathbb{Y}				-3681 Nov 22 j 17:03	0° $\underline{\mathbb{A}}$		
asc. node	-3683 Apr 03 j 10:50	1° \mathbb{Y} 20'02				-3681 Dec 17 j 00:28	0° \mathbb{M}		
	-3683 Apr 27 j 00:04	0° \mathbb{B}			desc. node	-3680 Jan 09 j 02:42	28° \mathbb{M} 28'06		
	-3683 May 21 j 19:43	0° \mathbb{H}				-3680 Jan 10 j 08:34	0° \mathbb{A}		
	-3683 Jun 15 j 21:24	0° \mathbb{B}				-3680 Feb 03 j 18:13	0° \mathbb{B}		
	-3683 Jul 11 j 09:25	0° \mathbb{A}				-3680 Feb 28 j 04:56	0° \approx		
desc. node	-3683 Jul 24 j 05:40	14° \mathbb{A} 47'31			morning set	-3680 Feb 29 j 10:26	1° \approx 30'27		
	-3683 Aug 06 j 17:41	0° \mathbb{M}				-3680 Mar 23 j 15:59	0° \mathbb{H}		
evening max el	-3683 Sep 01 j 00:47	26° \mathbb{M} 53'12	47°25'43		max. Earth dist.	-3680 Apr 05 j 08:50	15° \mathbb{H} 35'04	1.73728 AU	
	-3683 Sep 04 j 04:08	0° $\underline{\mathbb{A}}$							
greatest brilliancy	-3683 Oct 10 j 01:37	27° $\underline{\mathbb{A}}$ 25'58	-4.7m		superior conj	-3680 Apr 06 j 06:00	16° \mathbb{H} 39'58	0°-53'-24	
retrograde	-3683 Oct 21 j 18:09	29° $\underline{\mathbb{A}}$ 59'40			minimum elong	-3680 Apr 06 j 14:25	17° \mathbb{H} 05'50	0°53'08	
evening set	-3683 Nov 05 j 07:11	25° $\underline{\mathbb{A}}$ 44'51				-3680 Apr 17 j 02:46	0° \mathbb{Y}		
inferior conj	-3683 Nov 11 j 07:58	22° $\underline{\mathbb{A}}$ 09'27	0°-43'-11		asc. node	-3680 Apr 30 j 23:12	17° \mathbb{Y} 00'43		
minimum elong	-3683 Nov 11 j 09:35	22° $\underline{\mathbb{A}}$ 06'58	0°42'44			-3680 May 11 j 12:51	0° \mathbb{B}		
min. Earth dist.	-3683 Nov 10 j 19:33	22° $\underline{\mathbb{A}}$ 28'39	0.26492 AU		evening rise	-3680 May 12 j 04:50	0° \mathbb{B} 49'06		
asc. node	-3683 Nov 14 j 03:22	20° $\underline{\mathbb{A}}$ 26'28				-3680 Jun 04 j 22:09	0° \mathbb{H}		
morning rise	-3683 Nov 17 j 12:36	18° $\underline{\mathbb{A}}$ 31'00				-3680 Jun 29 j 07:13	0° \mathbb{B}		
direct	-3683 Dec 01 j 14:28	14° $\underline{\mathbb{A}}$ 32'38				-3680 Jul 23 j 17:29	0° \mathbb{A}		
greatest brilliancy	-3683 Dec 12 j 18:41	16° $\underline{\mathbb{A}}$ 53'37	-4.6m			-3680 Aug 17 j 07:11	0° \mathbb{M}		
	-3682 Jan 02 j 07:21	0° \mathbb{M}			desc. node	-3680 Aug 20 j 17:43	4° \mathbb{M} 10'32		
morning max el	-3682 Jan 20 j 08:55	16° \mathbb{M} 27'46	46°23'12			-3680 Sep 11 j 03:38	0° $\underline{\mathbb{A}}$		
	-3682 Feb 02 j 15:13	0° \mathbb{A}				-3680 Oct 06 j 13:11	0° \mathbb{M}		
	-3682 Mar 02 j 01:45	0° \mathbb{B}				-3680 Nov 02 j 05:19	0° \mathbb{A}		
desc. node	-3682 Mar 06 j 00:02	4° \mathbb{B} 25'57			evening max el	-3680 Nov 11 j 12:29	9° \mathbb{A} 46'29	47°12'30	
	-3682 Mar 28 j 06:40	0° \approx				-3680 Dec 03 j 07:45	0° \mathbb{B}		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3680 Dec 11 j 15:02	6°☾03'40			-3677 May 02 j 23:07	0°☿	
greatest brilliancy	-3680 Dec 18 j 03:54	9°☾50'00	-4.6m	morning set	-3677 May 08 j 01:08	6°☿13'17	
retrograde	-3679 Jan 01 j 12:26	13°☾39'29			-3677 May 27 j 09:42	0°♄	
evening set	-3679 Jan 18 j 12:10	7°☾55'55		asc. node	-3677 May 29 j 11:24	2°♄33'07	
min. Earth dist.	-3679 Jan 21 j 20:07	5°☾50'59	0.28444 AU	max. Earth dist.	-3677 Jun 08 j 21:54	15°♄26'15	1.72999 AU
inferior conj	-3679 Jan 22 j 16:24	5°☾18'36	7°51'54				
minimum elong	-3679 Jan 22 j 10:14	5°☾28'27	7°51'07	superior conj	-3677 Jun 12 j 23:11	20°♄27'07	0°33'13
morning rise	-3679 Jan 26 j 08:41	3°☾00'03		minimum elong	-3677 Jun 12 j 17:03	20°♄08'09	0°33'03
	-3679 Jan 31 j 20:25	30°♄27			-3677 Jun 20 j 16:05	0°♄	
direct	-3679 Feb 12 j 17:42	27°♄08'24			-3677 Jul 14 j 18:52	0°♄	
greatest brilliancy	-3679 Feb 23 j 19:09	29°♄21'27	-4.5m	evening rise	-3677 Jul 19 j 00:23	5°♄16'33	
	-3679 Feb 25 j 09:27	0°☾			-3677 Aug 07 j 19:36	0°♄	
desc. node	-3679 Apr 02 j 11:36	26°☾59'04			-3677 Aug 31 j 20:21	0°♄	
morning max el	-3679 Apr 02 j 13:41	27°☾04'02	45°51'35	desc. node	-3677 Sep 18 j 06:03	21°♄39'56	
	-3679 Apr 05 j 14:48	0°♄			-3677 Sep 24 j 23:06	0°♄	
	-3679 May 04 j 09:56	0°♄			-3677 Oct 19 j 05:39	0°♄	
	-3679 May 31 j 00:50	0°☿			-3677 Nov 12 j 18:49	0°♄	
	-3679 Jun 25 j 13:35	0°♄			-3677 Dec 07 j 21:07	0°☾	
	-3679 Jul 20 j 08:53	0°♄			-3676 Jan 03 j 04:41	0°♄	
asc. node	-3679 Jul 24 j 09:19	4°♄55'31		asc. node	-3676 Jan 09 j 02:38	6°♄23'58	
	-3679 Aug 13 j 15:36	0°♄		evening max el	-3676 Jan 22 j 12:45	20°♄13'15	45°47'34
	-3679 Sep 06 j 14:06	0°♄			-3676 Feb 01 j 22:12	0°♄	
morning set	-3679 Sep 27 j 19:37	26°♄47'07		greatest brilliancy	-3676 Feb 25 j 17:44	17°♄05'27	-4.5m
	-3679 Sep 30 j 08:43	0°♄		retrograde	-3676 Mar 11 j 12:59	20°♄55'44	
	-3679 Oct 24 j 03:06	0°♄		evening set	-3676 Mar 28 j 02:30	15°♄39'48	
				inferior conj	-3676 Apr 01 j 23:57	12°♄38'31	5°46'12
superior conj	-3679 Nov 08 j 05:39	19°♄00'56	0°11'35	minimum elong	-3676 Apr 02 j 08:57	12°♄24'16	5°44'21
minimum elong	-3679 Nov 08 j 08:48	19°♄10'52	0°11'23	min. Earth dist.	-3676 Apr 02 j 12:32	12°♄18'34	0.29295 AU
behind sun begin	-3679 Nov 07 j 13:01	18°♄08'41		morning rise	-3676 Apr 07 j 15:21	9°♄11'01	
behind sun end	-3679 Nov 09 j 04:35	20°♄13'01		direct	-3676 Apr 23 j 19:27	4°♄12'43	
max. Earth dist.	-3679 Nov 12 j 13:44	24°♄27'56	1.71160 AU	desc. node	-3676 Apr 29 j 22:58	4°♄54'46	
desc. node	-3679 Nov 13 j 04:34	25°♄14'31		greatest brilliancy	-3676 May 07 j 08:53	7°♄25'25	-4.5m
	-3679 Nov 16 j 23:32	0°♄			-3676 Jun 07 j 08:09	0°☿	
	-3679 Dec 10 j 22:57	0°♄		morning max el	-3676 Jun 11 j 19:23	4°☿12'45	45°56'21
evening rise	-3679 Dec 20 j 11:29	11°♄52'08			-3676 Jul 06 j 18:31	0°♄	
	-3678 Jan 04 j 01:44	0°☾			-3676 Aug 02 j 05:13	0°♄	
	-3678 Jan 28 j 08:42	0°♄		asc. node	-3676 Aug 20 j 21:07	22°♄12'10	
	-3678 Feb 21 j 21:39	0°♄			-3676 Aug 27 j 07:33	0°♄	
asc. node	-3678 Mar 06 j 00:40	14°♄40'14			-3676 Sep 20 j 16:03	0°♄	
	-3678 Mar 18 j 19:20	0°☿			-3676 Oct 14 j 15:42	0°♄	
	-3678 Apr 13 j 05:36	0°♄			-3676 Nov 07 j 12:49	0°♄	
	-3678 May 09 j 11:38	0°♄			-3676 Dec 01 j 11:10	0°♄	
	-3678 Jun 06 j 08:39	0°♄		desc. node	-3676 Dec 10 j 16:38	11°♄32'01	
evening max el	-3678 Jun 16 j 19:17	10°♄23'28	46°01'21	morning set	-3676 Dec 14 j 02:43	15°♄48'07	
desc. node	-3678 Jun 25 j 20:06	18°♄46'19			-3676 Dec 25 j 12:15	0°♄	
	-3678 Jul 09 j 15:56	0°♄			-3675 Jan 18 j 16:08	0°☾	
greatest brilliancy	-3678 Jul 25 j 17:50	8°♄58'59	-4.6m				
retrograde	-3678 Aug 05 j 06:17	10°♄58'39		superior conj	-3675 Jan 24 j 03:33	6°☾46'45	-1°-19'-7
evening set	-3678 Aug 23 j 04:46	4°♄59'01		minimum elong	-3675 Jan 23 j 20:58	6°☾26'25	1°19'11
inferior conj	-3678 Aug 26 j 00:43	3°♄17'16	-8°-54'-53	max. Earth dist.	-3675 Jan 27 j 14:35	11°☾03'33	1.72740 AU
minimum elong	-3678 Aug 26 j 03:05	3°♄13'40	8°54'41		-3675 Feb 11 j 22:35	0°♄	
min. Earth dist.	-3678 Aug 26 j 10:59	3°♄01'43	0.27064 AU	evening rise	-3675 Mar 03 j 13:54	24°♄10'32	
morning rise	-3678 Aug 29 j 01:18	1°♄28'38			-3675 Mar 08 j 07:42	0°♄	
	-3678 Aug 31 j 15:54	30°♄28			-3675 Apr 01 j 19:53	0°☿	
direct	-3678 Sep 15 j 18:15	25°♄32'59		asc. node	-3675 Apr 02 j 13:00	0°☿52'16	
greatest brilliancy	-3678 Sep 29 j 01:28	28°♄49'54	-4.7m		-3675 Apr 26 j 11:38	0°♄	
	-3678 Oct 01 j 09:55	0°♄			-3675 May 21 j 07:50	0°♄	
asc. node	-3678 Oct 16 j 18:04	10°♄36'23			-3675 Jun 15 j 10:26	0°♄	
morning max el	-3678 Nov 05 j 15:07	29°♄15'49	46°52'20		-3675 Jul 11 j 00:01	0°♄	
	-3678 Nov 06 j 08:19	0°♄		desc. node	-3675 Jul 23 j 07:42	14°♄08'26	
	-3678 Dec 03 j 17:33	0°♄			-3675 Aug 06 j 11:16	0°♄	
	-3678 Dec 29 j 11:37	0°♄		evening max el	-3675 Aug 29 j 13:36	24°♄25'35	47°23'58
	-3677 Jan 23 j 16:56	0°♄			-3675 Sep 04 j 05:53	0°♄	
desc. node	-3677 Feb 05 j 14:27	15°♄26'52		greatest brilliancy	-3675 Oct 07 j 18:06	25°♄00'05	-4.7m
	-3677 Feb 17 j 17:14	0°☾		retrograde	-3675 Oct 19 j 06:29	27°♄29'46	
	-3677 Mar 14 j 14:25	0°♄		evening set	-3675 Nov 02 j 21:08	23°♄13'53	
	-3677 Apr 08 j 08:31	0°♄		inferior conj	-3675 Nov 08 j 20:39	19°♄40'52	-1°-7'-13

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3675 Nov 08 j 23:09	19° Ω 37'00	1°06'28	evening rise	-3672 May 10 j 00:27	28° Υ 48'22	
min. Earth dist.	-3675 Nov 08 j 10:03	19° Ω 57'15	0.26460 AU		-3672 May 10 j 23:46	0° \mathcal{B}	
asc. node	-3675 Nov 13 j 05:27	17° Ω 03'01			-3672 Jun 04 j 09:17	0° Π	
morning rise	-3675 Nov 15 j 01:37	16° Ω 01'54			-3672 Jun 28 j 18:42	0° \mathfrak{S}	
direct	-3675 Nov 29 j 02:11	12° Ω 04'26			-3672 Jul 23 j 05:27	0° Ω	
greatest brilliancy	-3675 Dec 10 j 09:33	14° Ω 28'07	-4.6m		-3672 Aug 16 j 19:49	0° \mathfrak{M}	
	-3674 Jan 02 j 17:53	0° \mathfrak{M}		desc. node	-3672 Aug 19 j 19:54	3° \mathfrak{M} 38'32	
morning max el	-3674 Jan 17 j 21:40	14° \mathfrak{M} 03'04	46°24'41		-3672 Sep 10 j 17:17	0° $\underline{\mathfrak{A}}$	
	-3674 Feb 02 j 10:13	0° \mathcal{X}			-3672 Oct 06 j 04:38	0° \mathfrak{M}	
	-3674 Mar 01 j 16:43	0° \mathfrak{Z}			-3672 Nov 02 j 00:52	0° \mathcal{X}	
desc. node	-3674 Mar 05 j 02:17	3° \mathfrak{Z} 50'51		evening max el	-3672 Nov 09 j 04:49	7° \mathcal{X} 29'25	47°14'48
	-3674 Mar 27 j 19:50	0° \approx			-3672 Dec 03 j 22:26	0° \mathfrak{Z}	
	-3674 Apr 22 j 08:17	0° \mathfrak{X}		asc. node	-3672 Dec 10 j 17:07	4° \mathfrak{Z} 40'52	
	-3674 May 17 j 10:11	0° Υ		greatest brilliancy	-3672 Dec 15 j 20:57	7° \mathfrak{Z} 34'22	-4.6m
	-3674 Jun 11 j 02:57	0° \mathcal{B}		retrograde	-3672 Dec 30 j 05:15	11° \mathfrak{Z} 23'07	
asc. node	-3674 Jun 25 j 23:26	18° \mathcal{B} 15'04		evening set	-3671 Jan 16 j 01:14	5° \mathfrak{Z} 43'53	
	-3674 Jul 05 j 11:29	0° Π		min. Earth dist.	-3671 Jan 19 j 10:30	3° \mathfrak{Z} 37'05	0.28372 AU
morning set	-3674 Jul 14 j 16:11	11° Π 25'28		inferior conj	-3671 Jan 20 j 08:06	3° \mathfrak{Z} 02'40	7°44'52
	-3674 Jul 29 j 13:10	0° \mathfrak{S}		minimum elong	-3671 Jan 20 j 01:23	3° \mathfrak{Z} 13'22	7°43'59
max. Earth dist.	-3674 Aug 18 j 16:39	25° \mathfrak{S} 17'35	1.71309 AU	morning rise	-3671 Jan 24 j 01:58	0° \mathfrak{Z} 42'00	
					-3671 Jan 25 j 06:13	30° \mathfrak{R} \mathcal{X}	
superior conj	-3674 Aug 21 j 07:34	28° \mathfrak{S} 35'37	1°24'02	direct	-3671 Feb 10 j 08:57	24° \mathcal{X} 53'43	
minimum elong	-3674 Aug 21 j 07:58	28° \mathfrak{S} 36'52	1°24'10	greatest brilliancy	-3671 Feb 21 j 07:50	27° \mathcal{X} 05'02	-4.5m
	-3674 Aug 22 j 10:23	0° Ω			-3671 Feb 27 j 15:08	0° \mathfrak{Z}	
	-3674 Sep 15 j 05:56	0° \mathfrak{M}		morning max el	-3671 Mar 31 j 05:57	24° \mathfrak{Z} 54'22	45°52'15
evening rise	-3674 Sep 30 j 09:30	19° \mathfrak{M} 04'13		desc. node	-3671 Apr 01 j 13:42	26° \mathfrak{Z} 10'21	
	-3674 Oct 09 j 02:13	0° $\underline{\mathfrak{A}}$			-3671 Apr 05 j 11:58	0° \approx	
desc. node	-3674 Oct 15 j 18:23	8° $\underline{\mathfrak{A}}$ 22'41			-3671 May 04 j 01:15	0° \mathfrak{X}	
	-3674 Nov 02 j 00:47	0° \mathfrak{M}			-3671 May 30 j 13:59	0° Υ	
	-3674 Nov 26 j 02:44	0° \mathcal{X}			-3671 Jun 25 j 01:42	0° \mathcal{B}	
	-3674 Dec 20 j 09:49	0° \mathfrak{Z}			-3671 Jul 19 j 20:29	0° Π	
	-3673 Jan 14 j 01:42	0° \approx		asc. node	-3671 Jul 23 j 11:28	4° Π 26'41	
asc. node	-3673 Feb 05 j 14:35	26° \approx 45'52			-3671 Aug 13 j 02:57	0° \mathfrak{S}	
	-3673 Feb 08 j 09:11	0° \mathfrak{X}			-3671 Sep 06 j 01:19	0° Ω	
	-3673 Mar 06 j 21:40	0° Υ		morning set	-3671 Sep 25 j 07:10	24° Ω 16'48	
evening max el	-3673 Apr 03 j 05:54	28° Υ 10'31	45°08'02		-3671 Sep 29 j 19:52	0° \mathfrak{M}	
	-3673 Apr 05 j 04:20	0° \mathcal{B}			-3671 Oct 23 j 14:14	0° $\underline{\mathfrak{A}}$	
greatest brilliancy	-3673 May 08 j 09:12	24° \mathcal{B} 20'44	-4.5m				
retrograde	-3673 May 21 j 12:50	27° \mathcal{B} 21'29		superior conj	-3671 Nov 05 j 14:17	16° $\underline{\mathfrak{A}}$ 22'12	0°15'34
desc. node	-3673 May 28 j 10:33	26° \mathcal{B} 25'29		minimum elong	-3671 Nov 05 j 18:30	16° $\underline{\mathfrak{A}}$ 35'27	0°15'19
evening set	-3673 Jun 05 j 11:12	23° \mathcal{B} 07'54		behind sun begin	-3671 Nov 05 j 08:47	16° $\underline{\mathfrak{A}}$ 04'54	
inferior conj	-3673 Jun 11 j 20:18	19° \mathcal{B} 24'43	-3°-18'-16	behind sun end	-3671 Nov 06 j 04:13	17° $\underline{\mathfrak{A}}$ 05'59	
minimum elong	-3673 Jun 11 j 13:21	19° \mathcal{B} 35'21	3°16'16	max. Earth dist.	-3671 Nov 09 j 23:16	21° $\underline{\mathfrak{A}}$ 52'07	1.71124 AU
min. Earth dist.	-3673 Jun 12 j 07:01	19° \mathcal{B} 08'20	0.28387 AU	desc. node	-3671 Nov 12 j 06:34	24° $\underline{\mathfrak{A}}$ 45'47	
morning rise	-3673 Jun 17 j 14:47	15° \mathcal{B} 59'16			-3671 Nov 16 j 10:40	0° \mathfrak{M}	
direct	-3673 Jul 03 j 09:11	11° \mathcal{B} 14'46			-3671 Dec 10 j 10:06	0° \mathcal{X}	
greatest brilliancy	-3673 Jul 18 j 03:01	15° \mathcal{B} 02'18	-4.6m	evening rise	-3671 Dec 17 j 22:02	9° \mathcal{X} 20'53	
	-3673 Aug 08 j 13:28	0° Π			-3670 Jan 03 j 12:54	0° \mathfrak{Z}	
morning max el	-3673 Aug 22 j 09:06	12° Π 55'24	46°32'24		-3670 Jan 27 j 19:57	0° \approx	
	-3673 Sep 07 j 15:44	0° \mathfrak{S}			-3670 Feb 21 j 09:09	0° \mathfrak{X}	
asc. node	-3673 Sep 18 j 08:53	11° \mathfrak{S} 57'50		asc. node	-3670 Mar 05 j 02:54	14° \mathfrak{X} 11'41	
	-3673 Oct 03 j 21:36	0° Ω			-3670 Mar 18 j 07:21	0° Υ	
	-3673 Oct 28 j 19:39	0° \mathfrak{M}			-3670 Apr 12 j 18:40	0° \mathcal{B}	
	-3673 Nov 22 j 05:34	0° $\underline{\mathfrak{A}}$			-3670 May 09 j 02:48	0° Π	
	-3673 Dec 16 j 12:27	0° \mathfrak{M}			-3670 Jun 06 j 04:59	0° \mathfrak{S}	
desc. node	-3672 Jan 08 j 04:41	27° \mathfrak{M} 58'27		evening max el	-3670 Jun 14 j 09:14	8° \mathfrak{S} 04'38	45°58'14
	-3672 Jan 09 j 20:09	0° \mathcal{X}		desc. node	-3670 Jun 24 j 22:06	17° \mathfrak{S} 46'17	
	-3672 Feb 03 j 05:30	0° \mathfrak{Z}			-3670 Jul 10 j 15:48	0° Ω	
morning set	-3672 Feb 27 j 02:39	29° \mathfrak{Z} 19'06		greatest brilliancy	-3670 Jul 23 j 05:19	6° Ω 33'42	-4.6m
	-3672 Feb 27 j 15:59	0° \approx		retrograde	-3670 Aug 02 j 18:09	8° Ω 33'17	
	-3672 Mar 23 j 02:52	0° \mathfrak{X}		evening set	-3670 Aug 20 j 17:07	2° Ω 34'08	
max. Earth dist.	-3672 Apr 03 j 07:45	13° \mathfrak{X} 44'50	1.73725 AU	inferior conj	-3670 Aug 23 j 13:17	0° Ω 51'52	-8°-56'-19
				minimum elong	-3670 Aug 23 j 14:42	0° Ω 49'43	8°56'11
superior conj	-3672 Apr 04 j 00:31	14° \mathfrak{X} 36'15	0°-55'-44	min. Earth dist.	-3670 Aug 23 j 23:27	0° Ω 36'28	0.27110 AU
minimum elong	-3672 Apr 04 j 09:05	15° \mathfrak{X} 02'32	0°55'29		-3670 Aug 24 j 23:35	30° \mathfrak{R} \mathfrak{S}	
	-3672 Apr 16 j 13:36	0° Υ		morning rise	-3670 Aug 26 j 12:11	29° \mathfrak{S} 05'27	
asc. node	-3672 Apr 30 j 01:17	16° Υ 33'40		direct	-3670 Sep 13 j 07:40	23° \mathfrak{S} 07'00	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3670 Sep 26 j 15:13	26° ☿ 23'41	-4.7m		-3667 Apr 25 j 22:57	0° ♄	
	-3670 Oct 03 j 04:34	0° ♄			-3667 May 20 j 19:42	0° ♁	
asc. node	-3670 Oct 15 j 20:08	9° ♄ 26'19			-3667 Jun 14 j 23:13	0° ☿	
morning max el	-3670 Nov 03 j 03:49	26° ♄ 47'07	46°52'28		-3667 Jul 10 j 14:23	0° ♄	
	-3670 Nov 06 j 06:20	0° ♁		desc. node	-3667 Jul 22 j 09:57	13° ♄ 30'51	
	-3670 Dec 03 j 09:49	0° ♁			-3667 Aug 06 j 04:48	0° ♁	
	-3670 Dec 29 j 01:35	0° ♁		evening max el	-3667 Aug 27 j 02:00	21° ♁ 58'14	47°22'05
	-3669 Jan 23 j 05:40	0° ♁			-3667 Sep 04 j 08:34	0° ♁	
desc. node	-3669 Feb 04 j 16:39	14° ♁ 56'40		greatest brilliancy	-3667 Oct 05 j 09:17	22° ♁ 33'21	-4.7m
	-3669 Feb 17 j 05:10	0° ☿		retrograde	-3667 Oct 16 j 18:44	25° ♁ 00'29	
	-3669 Mar 14 j 01:49	0° ☿		evening set	-3667 Oct 31 j 11:05	20° ♁ 42'46	
	-3669 Apr 07 j 19:33	0° ♁		inferior conj	-3667 Nov 06 j 09:08	17° ♁ 12'28	-1°-31'-14
	-3669 May 02 j 09:56	0° ♁		minimum elong	-3667 Nov 06 j 12:32	17° ♁ 07'15	1°30'12
morning set	-3669 May 05 j 20:12	4° ♁ 11'42		min. Earth dist.	-3667 Nov 06 j 00:12	17° ♁ 26'15	0.26438 AU
	-3669 May 26 j 20:26	0° ♄		asc. node	-3667 Nov 12 j 07:34	13° ♁ 42'29	
asc. node	-3669 May 28 j 13:28	2° ♄ 06'27		morning rise	-3667 Nov 12 j 14:17	13° ♁ 33'29	
max. Earth dist.	-3669 Jun 06 j 16:18	13° ♄ 21'43	1.73049 AU	direct	-3667 Nov 26 j 14:00	9° ♁ 36'07	
				greatest brilliancy	-3667 Dec 08 j 00:41	12° ♁ 03'13	-4.6m
superior conj	-3669 Jun 10 j 17:51	18° ♄ 23'15	0°30'21		-3666 Jan 03 j 01:28	0° ♁	
minimum elong	-3669 Jun 10 j 12:11	18° ♄ 05'42	0°30'13	morning max el	-3666 Jan 15 j 11:18	11° ♁ 40'48	46°26'08
	-3669 Jun 20 j 02:50	0° ♁			-3666 Feb 02 j 04:34	0° ♁	
	-3669 Jul 14 j 05:45	0° ☿			-3666 Mar 01 j 07:17	0° ☿	
evening rise	-3669 Jul 16 j 17:31	3° ☿ 06'16		desc. node	-3666 Mar 04 j 04:25	3° ☿ 16'18	
	-3669 Aug 07 j 06:42	0° ♄			-3666 Mar 27 j 08:40	0° ☿	
	-3669 Aug 31 j 07:45	0° ♁			-3666 Apr 21 j 20:10	0° ♁	
desc. node	-3669 Sep 17 j 08:09	21° ♁ 10'20			-3666 May 16 j 21:30	0° ♁	
	-3669 Sep 24 j 10:51	0° ♁			-3666 Jun 10 j 13:58	0° ♄	
	-3669 Oct 18 j 17:49	0° ♁		asc. node	-3666 Jun 25 j 01:36	17° ♄ 48'06	
	-3669 Nov 12 j 07:38	0° ♁			-3666 Jul 04 j 22:20	0° ♁	
	-3669 Dec 07 j 11:08	0° ☿		morning set	-3666 Jul 12 j 08:42	9° ♁ 13'43	
	-3668 Jan 02 j 21:34	0° ☿			-3666 Jul 29 j 00:00	0° ☿	
asc. node	-3668 Jan 08 j 04:48	5° ☿ 42'00		max. Earth dist.	-3666 Aug 16 j 05:00	22° ☿ 51'14	1.71355 AU
evening max el	-3668 Jan 20 j 03:18	17° ☿ 57'39	45°50'13				
	-3668 Feb 02 j 01:45	0° ♁		superior conj	-3666 Aug 18 j 21:52	26° ☿ 15'17	1°24'01
greatest brilliancy	-3668 Feb 23 j 10:27	14° ♁ 57'50	-4.5m	minimum elong	-3666 Aug 18 j 21:24	26° ☿ 13'51	1°24'09
retrograde	-3668 Mar 09 j 05:23	18° ♁ 48'51			-3666 Aug 21 j 21:16	0° ♄	
evening set	-3668 Mar 25 j 21:53	13° ♁ 29'03			-3666 Sep 14 j 16:55	0° ♁	
inferior conj	-3668 Mar 30 j 16:55	10° ♁ 31'14	5°59'25	evening rise	-3666 Sep 27 j 19:38	16° ♁ 30'28	
minimum elong	-3668 Mar 31 j 01:54	10° ♁ 16'59	5°57'38		-3666 Oct 08 j 13:19	0° ♁	
min. Earth dist.	-3668 Mar 31 j 05:17	10° ♁ 11'37	0.29304 AU	desc. node	-3666 Oct 14 j 20:24	7° ♁ 54'04	
morning rise	-3668 Apr 05 j 05:50	7° ♁ 06'50			-3666 Nov 01 j 12:01	0° ♁	
direct	-3668 Apr 21 j 11:41	2° ♁ 05'16			-3666 Nov 25 j 14:09	0° ♁	
desc. node	-3668 Apr 29 j 01:01	3° ♁ 07'53			-3666 Dec 19 j 21:33	0° ☿	
greatest brilliancy	-3668 May 04 j 23:29	5° ♁ 15'26	-4.5m		-3665 Jan 13 j 13:57	0° ☿	
	-3668 Jun 07 j 07:41	0° ♁		asc. node	-3665 Feb 04 j 16:48	26° ☿ 13'52	
morning max el	-3668 Jun 09 j 10:38	2° ♁ 01'09	45°55'37		-3665 Feb 07 j 22:32	0° ♁	
	-3668 Jul 06 j 10:27	0° ♄			-3665 Mar 06 j 13:34	0° ♁	
	-3668 Aug 01 j 18:40	0° ♁		evening max el	-3665 Mar 31 j 21:49	26° ♁ 00'44	45°07'59
asc. node	-3668 Aug 19 j 23:23	21° ♁ 41'06			-3665 Apr 05 j 04:18	0° ♄	
	-3668 Aug 26 j 19:53	0° ☿		greatest brilliancy	-3665 May 05 j 21:18	22° ♄ 05'59	-4.5m
	-3668 Sep 20 j 03:51	0° ♄		retrograde	-3665 May 19 j 04:20	25° ♄ 09'46	
	-3668 Oct 14 j 03:13	0° ♁		desc. node	-3665 May 27 j 12:39	23° ♄ 47'51	
	-3668 Nov 07 j 00:09	0° ♁		evening set	-3665 Jun 03 j 01:28	20° ♄ 56'57	
	-3668 Nov 30 j 22:21	0° ♁		inferior conj	-3665 Jun 09 j 11:28	17° ♄ 12'07	-2°-58'-51
desc. node	-3668 Dec 09 j 18:45	11° ♁ 03'50		minimum elong	-3665 Jun 09 j 05:06	17° ♄ 21'50	2°57'00
morning set	-3668 Dec 11 j 12:39	13° ♁ 14'41		min. Earth dist.	-3665 Jun 09 j 22:10	16° ♄ 55'43	0.28428 AU
	-3668 Dec 24 j 23:16	0° ♁		morning rise	-3665 Jun 15 j 08:08	13° ♄ 43'43	
	-3667 Jan 18 j 03:01	0° ☿		direct	-3665 Jul 01 j 01:24	9° ♄ 01'25	
				greatest brilliancy	-3665 Jul 15 j 19:17	12° ♄ 49'35	-4.6m
superior conj	-3667 Jan 21 j 16:44	4° ☿ 25'24	-1°-17'-52		-3665 Aug 08 j 18:28	0° ♁	
minimum elong	-3667 Jan 21 j 09:27	4° ☿ 02'51	1°17'55	morning max el	-3665 Aug 20 j 01:06	10° ♁ 40'39	46°31'11
max. Earth dist.	-3667 Jan 25 j 06:02	8° ☿ 49'19	1.72682 AU		-3665 Sep 07 j 09:16	0° ☿	
	-3667 Feb 11 j 09:24	0° ☿		asc. node	-3665 Sep 17 j 10:53	11° ☿ 18'12	
evening rise	-3667 Mar 01 j 05:59	21° ☿ 59'09			-3665 Oct 03 j 11:58	0° ♄	
	-3667 Mar 07 j 18:33	0° ♁			-3665 Oct 28 j 08:38	0° ♁	
	-3667 Apr 01 j 06:53	0° ♁			-3665 Nov 21 j 17:46	0° ♁	
asc. node	-3667 Apr 01 j 15:03	0° ♁ 24'56			-3665 Dec 16 j 00:09	0° ♁	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3664 Jan 07 j 06:53	27° \mathbb{M} 30'07				-3662 Jul 12 j 00:56	0° Ω	
	-3664 Jan 09 j 07:31	0° \mathcal{X}		greatest brilliancy	-3662 Jul 20 j 17:15	4° Ω 09'01	-4.6m	
	-3664 Feb 02 j 16:37	0° \mathcal{Z}		retrograde	-3662 Jul 31 j 05:36	6° Ω 08'21		
morning set	-3664 Feb 24 j 18:30	27° \mathcal{Z} 06'56		evening set	-3662 Aug 18 j 04:59	0° Ω 10'23		
	-3664 Feb 27 j 02:53	0° \approx			-3662 Aug 18 j 12:01	30° $\mathcal{R}\mathcal{Z}$		
	-3664 Mar 22 j 13:38	0° \mathcal{H}		inferior conj	-3662 Aug 21 j 01:59	28° \mathcal{Z} 26'50	-8°-56'-43	
				minimum elong	-3662 Aug 21 j 02:25	28° \mathcal{Z} 26'10	8°56'37	
superior conj	-3664 Apr 01 j 18:36	12° \mathcal{H} 31'34	0°-58'-1	min. Earth dist.	-3662 Aug 21 j 12:16	28° \mathcal{Z} 11'14	0.27158 AU	
minimum elong	-3664 Apr 02 j 03:16	12° \mathcal{H} 58'10	0°57'47	morning rise	-3662 Aug 23 j 23:43	26° \mathcal{Z} 41'57		
max. Earth dist.	-3664 Apr 01 j 07:16	11° \mathcal{H} 56'47	1.73718 AU	direct	-3662 Sep 10 j 20:46	20° \mathcal{Z} 41'06		
	-3664 Apr 16 j 00:19	0° \mathcal{Y}		greatest brilliancy	-3662 Sep 24 j 06:09	23° \mathcal{Z} 58'57	-4.7m	
asc. node	-3664 Apr 29 j 03:19	16° \mathcal{Y} 06'53			-3662 Oct 04 j 10:06	0° Ω		
evening rise	-3664 May 07 j 19:45	26° \mathcal{Y} 47'02		asc. node	-3662 Oct 14 j 22:16	8° Ω 18'06		
	-3664 May 10 j 10:34	0° \mathcal{X}		morning max el	-3662 Oct 31 j 15:58	24° Ω 16'34	46°52'37	
	-3664 Jun 03 j 20:20	0° \mathbb{I}			-3662 Nov 06 j 03:43	0° \mathcal{M}		
	-3664 Jun 28 j 06:07	0° \mathcal{Z}			-3662 Dec 03 j 01:56	0° \mathcal{Z}		
	-3664 Jul 22 j 17:23	0° Ω			-3662 Dec 28 j 15:31	0° \mathbb{M}		
	-3664 Aug 16 j 08:27	0° \mathcal{M}			-3661 Jan 22 j 18:23	0° \mathcal{X}		
desc. node	-3664 Aug 18 j 22:00	3° \mathcal{M} 06'22		desc. node	-3661 Feb 03 j 18:46	14° \mathcal{X} 26'04		
	-3664 Sep 10 j 06:56	0° \mathcal{Z}			-3661 Feb 16 j 17:06	0° \mathcal{Z}		
	-3664 Oct 05 j 20:08	0° \mathbb{M}			-3661 Mar 13 j 13:13	0° \approx		
	-3664 Nov 01 j 20:45	0° \mathcal{X}			-3661 Apr 07 j 06:39	0° \mathcal{H}		
evening max el	-3664 Nov 06 j 21:38	5° \mathcal{X} 14'11	47°17'03		-3661 May 01 j 20:52	0° \mathcal{Y}		
	-3664 Dec 04 j 17:40	0° \mathcal{Z}		morning set	-3661 May 03 j 15:18	2° \mathcal{Y} 09'53		
asc. node	-3664 Dec 09 j 19:16	3° \mathcal{Z} 16'19			-3661 May 26 j 07:18	0° \mathcal{X}		
greatest brilliancy	-3664 Dec 13 j 14:44	5° \mathcal{Z} 20'27	-4.6m	asc. node	-3661 May 27 j 15:39	1° \mathcal{X} 39'38		
retrograde	-3664 Dec 27 j 21:57	9° \mathcal{Z} 07'17		max. Earth dist.	-3661 Jun 04 j 11:33	11° \mathcal{X} 19'21	1.73101 AU	
evening set	-3663 Jan 13 j 14:22	3° \mathcal{Z} 32'43						
min. Earth dist.	-3663 Jan 17 j 01:03	1° \mathcal{Z} 23'47	0.28300 AU	superior conj	-3661 Jun 08 j 12:34	16° \mathcal{X} 19'05	0°27'28	
inferior conj	-3663 Jan 17 j 23:52	0° \mathcal{Z} 47'24	7°37'15	minimum elong	-3661 Jun 08 j 07:24	16° \mathcal{X} 03'04	0°27'19	
minimum elong	-3663 Jan 17 j 16:40	0° \mathcal{Z} 58'54	7°36'12		-3661 Jun 19 j 13:45	0° \mathbb{I}		
	-3663 Jan 19 j 05:41	30° $\mathcal{R}\mathcal{X}$			-3661 Jul 13 j 16:48	0° \mathcal{Z}		
morning rise	-3663 Jan 21 j 19:28	28° \mathcal{X} 24'14		evening rise	-3661 Jul 14 j 10:46	0° \mathcal{Z} 55'58		
direct	-3663 Feb 08 j 00:30	22° \mathcal{X} 39'50			-3661 Aug 06 j 17:58	0° Ω		
greatest brilliancy	-3663 Feb 18 j 20:14	24° \mathcal{X} 48'40	-4.5m		-3661 Aug 30 j 19:20	0° \mathcal{M}		
	-3663 Mar 01 j 01:51	0° \mathcal{Z}		desc. node	-3661 Sep 16 j 10:09	20° \mathcal{M} 39'47		
morning max el	-3663 Mar 28 j 21:45	22° \mathcal{Z} 43'41	45°52'43		-3661 Sep 23 j 22:48	0° \mathcal{Z}		
desc. node	-3663 Mar 31 j 15:44	25° \mathcal{Z} 22'30			-3661 Oct 18 j 06:15	0° \mathbb{M}		
	-3663 Apr 05 j 08:21	0° \approx			-3661 Nov 11 j 20:44	0° \mathcal{X}		
	-3663 May 03 j 16:20	0° \mathcal{H}			-3661 Dec 07 j 01:30	0° \mathcal{Z}		
	-3663 May 30 j 03:01	0° \mathcal{Y}			-3660 Jan 02 j 14:57	0° \approx		
	-3663 Jun 24 j 13:45	0° \mathcal{X}		asc. node	-3660 Jan 07 j 07:02	4° \approx 59'17		
	-3663 Jul 19 j 08:02	0° \mathbb{I}		evening max el	-3660 Jan 17 j 17:39	15° \approx 41'05	45°53'06	
asc. node	-3663 Jul 22 j 13:38	3° \mathbb{I} 58'04			-3660 Feb 02 j 07:16	0° \mathcal{H}		
	-3663 Aug 12 j 14:15	0° \mathcal{Z}		greatest brilliancy	-3660 Feb 21 j 02:19	12° \mathcal{H} 49'07	-4.5m	
	-3663 Sep 05 j 12:30	0° Ω		retrograde	-3660 Mar 06 j 22:16	16° \mathcal{H} 42'35		
morning set	-3663 Sep 22 j 18:45	21° Ω 46'35		evening set	-3660 Mar 23 j 17:29	11° \mathcal{H} 18'35		
	-3663 Sep 29 j 07:01	0° \mathcal{M}		inferior conj	-3660 Mar 28 j 10:10	8° \mathcal{H} 24'19	6°11'59	
	-3663 Oct 23 j 01:23	0° \mathcal{Z}		minimum elong	-3660 Mar 28 j 19:05	8° \mathcal{H} 10'11	6°10'17	
				min. Earth dist.	-3660 Mar 28 j 22:08	8° \mathcal{H} 05'20	0.29312 AU	
superior conj	-3663 Nov 02 j 23:11	13° \mathcal{Z} 44'12	0°19'30	morning rise	-3660 Apr 02 j 20:33	5° \mathcal{H} 03'23		
minimum elong	-3663 Nov 03 j 04:25	14° \mathcal{Z} 00'39	0°19'13		-3660 Apr 17 j 21:25	30° $\mathcal{R}\mathcal{X}$		
max. Earth dist.	-3663 Nov 07 j 07:21	19° \mathcal{Z} 11'41	1.71082 AU	direct	-3660 Apr 19 j 04:08	29° \approx 58'06		
desc. node	-3663 Nov 11 j 08:41	24° \mathcal{Z} 17'28			-3660 Apr 20 j 11:04	0° \mathcal{H}		
	-3663 Nov 15 j 21:48	0° \mathbb{M}		desc. node	-3660 Apr 28 j 03:10	1° \mathcal{H} 25'04		
	-3663 Dec 09 j 21:12	0° \mathcal{X}		greatest brilliancy	-3660 May 02 j 15:18	3° \mathcal{H} 07'07	-4.5m	
evening rise	-3663 Dec 15 j 08:40	6° \mathcal{X} 49'56		morning max el	-3660 Jun 07 j 02:38	29° \mathcal{H} 50'59	45°54'48	
	-3662 Jan 03 j 00:00	0° \mathcal{Z}			-3660 Jun 07 j 06:24	0° \mathcal{Y}		
	-3662 Jan 27 j 07:09	0° \approx			-3660 Jul 06 j 02:22	0° \mathcal{X}		
	-3662 Feb 20 j 20:37	0° \mathcal{H}			-3660 Aug 01 j 08:17	0° \mathbb{I}		
asc. node	-3662 Mar 04 j 04:53	13° \mathcal{H} 42'24		asc. node	-3660 Aug 19 j 01:23	21° \mathbb{I} 08'31		
	-3662 Mar 17 j 19:24	0° \mathcal{Y}			-3660 Aug 26 j 08:27	0° \mathcal{Z}		
	-3662 Apr 12 j 07:51	0° \mathcal{X}			-3660 Sep 19 j 15:52	0° Ω		
	-3662 May 08 j 18:15	0° \mathbb{I}			-3660 Oct 13 j 14:57	0° \mathcal{M}		
	-3662 Jun 06 j 02:05	0° \mathcal{Z}			-3660 Nov 06 j 11:43	0° \mathcal{Z}		
evening max el	-3662 Jun 11 j 22:23	5° \mathcal{Z} 43'45	45°55'13		-3660 Nov 30 j 09:47	0° \mathbb{M}		
desc. node	-3662 Jun 24 j 00:21	16° \mathcal{Z} 45'10		morning set	-3660 Dec 08 j 22:27	10° \mathbb{M} 39'50		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3660 Dec 08 j 20:52	10° \mathbb{M} 34'53		min. Earth dist.	-3657 Jun 07 j 13:39	14° \mathbb{B} 43'33	0.28466 AU
	-3660 Dec 24 j 10:34	0° \mathbb{X}		morning rise	-3657 Jun 13 j 01:38	11° \mathbb{B} 28'37	
	-3659 Jan 17 j 14:12	0° \mathbb{C}		direct	-3657 Jun 28 j 17:59	6° \mathbb{B} 48'45	
				greatest brilliancy	-3657 Jul 13 j 10:25	10° \mathbb{B} 35'34	-4.5m
superior conj	-3659 Jan 19 j 05:51	2° \mathbb{C} 02'47	-1°-16'-30		-3657 Aug 08 j 21:52	0° \mathbb{H}	
minimum elong	-3659 Jan 18 j 21:52	1° \mathbb{C} 38'05	1°16'29	morning max el	-3657 Aug 17 j 16:27	8° \mathbb{H} 24'02	46°29'40
max. Earth dist.	-3659 Jan 22 j 19:11	6° \mathbb{C} 27'00	1.72622 AU		-3657 Sep 07 j 02:42	0° \mathbb{G}	
	-3659 Feb 10 j 20:31	0° \mathbb{A}		asc. node	-3657 Sep 16 j 13:02	10° \mathbb{G} 38'32	
evening rise	-3659 Feb 26 j 22:09	19° \mathbb{A} 47'16			-3657 Oct 03 j 02:32	0° \mathbb{Q}	
	-3659 Mar 07 j 05:39	0° \mathbb{H}			-3657 Oct 27 j 21:54	0° \mathbb{M}	
asc. node	-3659 Mar 31 j 17:11	29° \mathbb{H} 57'11			-3657 Nov 21 j 06:19	0° \mathbb{L}	
	-3659 Mar 31 j 18:06	0° \mathbb{Y}			-3657 Dec 15 j 12:13	0° \mathbb{M}	
	-3659 Apr 25 j 10:30	0° \mathbb{B}		desc. node	-3656 Jan 06 j 08:58	27° \mathbb{M} 00'20	
	-3659 May 20 j 07:51	0° \mathbb{H}			-3656 Jan 08 j 19:14	0° \mathbb{X}	
	-3659 Jun 14 j 12:23	0° \mathbb{G}			-3656 Feb 02 j 04:02	0° \mathbb{C}	
	-3659 Jul 10 j 05:17	0° \mathbb{Q}		morning set	-3656 Feb 22 j 10:03	24° \mathbb{C} 52'54	
desc. node	-3659 Jul 21 j 12:00	12° \mathbb{Q} 51'15			-3656 Feb 26 j 14:05	0° \mathbb{A}	
	-3659 Aug 05 j 23:09	0° \mathbb{M}			-3656 Mar 22 j 00:41	0° \mathbb{H}	
evening max el	-3659 Aug 24 j 15:03	19° \mathbb{M} 31'34	47°20'10				
	-3659 Sep 04 j 13:25	0° \mathbb{L}		superior conj	-3656 Mar 30 j 12:39	10° \mathbb{H} 25'44	-1°00'-14
greatest brilliancy	-3659 Oct 02 j 23:30	20° \mathbb{L} 04'20	-4.7m	minimum elong	-3656 Mar 30 j 21:22	10° \mathbb{H} 52'29	1°00'01
retrograde	-3659 Oct 14 j 07:26	22° \mathbb{L} 30'02		max. Earth dist.	-3656 Mar 30 j 06:29	10° \mathbb{H} 06'51	1.73705 AU
evening set	-3659 Oct 29 j 01:08	18° \mathbb{L} 10'03			-3656 Apr 15 j 11:20	0° \mathbb{Y}	
inferior conj	-3659 Nov 03 j 21:32	14° \mathbb{L} 42'40	-1°-55'-9	asc. node	-3656 Apr 28 j 05:33	15° \mathbb{Y} 39'46	
minimum elong	-3659 Nov 04 j 01:47	14° \mathbb{L} 36'08	1°53'51	evening rise	-3656 May 05 j 15:10	24° \mathbb{Y} 45'11	
min. Earth dist.	-3659 Nov 03 j 13:56	14° \mathbb{L} 54'20	0.26419 AU		-3656 May 09 j 21:40	0° \mathbb{B}	
morning rise	-3659 Nov 10 j 02:41	11° \mathbb{L} 04'15			-3656 Jun 03 j 07:38	0° \mathbb{H}	
asc. node	-3659 Nov 11 j 09:46	10° \mathbb{L} 24'16			-3656 Jun 27 j 17:45	0° \mathbb{G}	
direct	-3659 Nov 24 j 02:17	7° \mathbb{L} 06'28			-3656 Jul 22 j 05:30	0° \mathbb{Q}	
greatest brilliancy	-3659 Dec 05 j 15:14	9° \mathbb{L} 36'30	-4.6m		-3656 Aug 15 j 21:19	0° \mathbb{M}	
	-3658 Jan 03 j 07:16	0° \mathbb{M}		desc. node	-3656 Aug 18 j 00:01	2° \mathbb{M} 33'18	
morning max el	-3658 Jan 13 j 01:43	9° \mathbb{M} 19'21	46°27'33		-3656 Sep 09 j 20:58	0° \mathbb{L}	
	-3658 Feb 01 j 22:50	0° \mathbb{X}			-3656 Oct 05 j 12:13	0° \mathbb{M}	
	-3658 Feb 28 j 22:02	0° \mathbb{C}			-3656 Nov 01 j 17:44	0° \mathbb{X}	
desc. node	-3658 Mar 03 j 06:22	2° \mathbb{C} 40'31		evening max el	-3656 Nov 04 j 13:52	2° \mathbb{X} 55'57	47°18'59
	-3658 Mar 26 j 21:44	0° \mathbb{A}			-3656 Dec 05 j 21:06	0° \mathbb{C}	
	-3658 Apr 21 j 08:16	0° \mathbb{H}		asc. node	-3656 Dec 08 j 21:26	1° \mathbb{C} 47'09	
	-3658 May 16 j 09:03	0° \mathbb{Y}		greatest brilliancy	-3656 Dec 11 j 09:28	3° \mathbb{C} 05'47	-4.6m
	-3658 Jun 10 j 01:12	0° \mathbb{B}		retrograde	-3656 Dec 25 j 13:59	6° \mathbb{C} 49'03	
asc. node	-3658 Jun 24 j 03:46	17° \mathbb{B} 20'20		evening set	-3655 Jan 11 j 03:10	1° \mathbb{C} 19'41	
	-3658 Jul 04 j 09:27	0° \mathbb{H}			-3655 Jan 13 j 06:50	30° \mathbb{R} \mathbb{X}	
morning set	-3658 Jul 10 j 01:34	7° \mathbb{H} 02'27		min. Earth dist.	-3655 Jan 14 j 15:43	29° \mathbb{X} 07'51	0.28224 AU
	-3658 Jul 28 j 11:08	0° \mathbb{G}		inferior conj	-3655 Jan 15 j 15:23	28° \mathbb{X} 30'05	7°28'46
max. Earth dist.	-3658 Aug 13 j 16:15	20° \mathbb{G} 20'32	1.71407 AU	minimum elong	-3655 Jan 15 j 07:44	28° \mathbb{X} 42'18	7°27'34
				morning rise	-3655 Jan 19 j 12:51	26° \mathbb{X} 04'03	
superior conj	-3658 Aug 16 j 12:21	23° \mathbb{G} 54'36	1°23'51	direct	-3655 Feb 05 j 15:31	20° \mathbb{X} 24'03	
minimum elong	-3658 Aug 16 j 11:04	23° \mathbb{G} 50'35	1°23'59	greatest brilliancy	-3655 Feb 16 j 08:45	22° \mathbb{X} 30'35	-4.5m
	-3658 Aug 21 j 08:30	0° \mathbb{Q}			-3655 Mar 02 j 03:18	0° \mathbb{C}	
	-3658 Sep 14 j 04:16	0° \mathbb{M}		morning max el	-3655 Mar 26 j 12:22	20° \mathbb{C} 29'04	45°53'18
evening rise	-3658 Sep 25 j 05:40	13° \mathbb{M} 55'11		desc. node	-3655 Mar 30 j 17:59	24° \mathbb{C} 34'58	
	-3658 Oct 08 j 00:47	0° \mathbb{L}			-3655 Apr 05 j 04:28	0° \mathbb{A}	
desc. node	-3658 Oct 13 j 22:32	7° \mathbb{L} 24'38			-3655 May 03 j 07:30	0° \mathbb{H}	
	-3658 Oct 31 j 23:38	0° \mathbb{M}			-3655 May 29 j 16:12	0° \mathbb{Y}	
	-3658 Nov 25 j 01:58	0° \mathbb{X}			-3655 Jun 24 j 01:57	0° \mathbb{B}	
	-3658 Dec 19 j 09:40	0° \mathbb{C}			-3655 Jul 18 j 19:42	0° \mathbb{H}	
	-3657 Jan 13 j 02:38	0° \mathbb{A}		asc. node	-3655 Jul 21 j 15:40	3° \mathbb{H} 28'37	
asc. node	-3657 Feb 03 j 18:48	25° \mathbb{A} 40'03		greatest brilliancy	-3655 Aug 03 j 23:39	19° \mathbb{H} 56'35	-3.9m
	-3657 Feb 07 j 12:22	0° \mathbb{H}			-3655 Aug 12 j 01:39	0° \mathbb{G}	
	-3657 Mar 06 j 06:06	0° \mathbb{Y}			-3655 Sep 04 j 23:47	0° \mathbb{Q}	
evening max el	-3657 Mar 29 j 14:21	23° \mathbb{Y} 51'39	45°08'06	morning set	-3655 Sep 20 j 06:50	19° \mathbb{Q} 17'37	
	-3657 Apr 05 j 05:50	0° \mathbb{B}			-3655 Sep 28 j 18:16	0° \mathbb{M}	
greatest brilliancy	-3657 May 03 j 10:58	19° \mathbb{B} 52'59	-4.5m		-3655 Oct 22 j 12:40	0° \mathbb{L}	
retrograde	-3657 May 16 j 19:54	22° \mathbb{B} 58'13					
desc. node	-3657 May 26 j 14:49	21° \mathbb{B} 06'01		superior conj	-3655 Oct 31 j 08:14	11° \mathbb{L} 06'09	0°23'22
evening set	-3657 May 31 j 16:18	18° \mathbb{B} 46'18		minimum elong	-3655 Oct 31 j 14:25	11° \mathbb{L} 25'36	0°23'04
inferior conj	-3657 Jun 07 j 02:57	14° \mathbb{B} 59'57	-2°-39'-30	max. Earth dist.	-3655 Nov 04 j 12:40	16° \mathbb{L} 21'59	1.71051 AU
minimum elong	-3657 Jun 06 j 21:14	15° \mathbb{B} 08'44	2°37'47	desc. node	-3655 Nov 10 j 10:52	23° \mathbb{L} 48'47	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3655 Nov 15 j 09:08	0°♌					-3652 Apr 27 j 21:42	0°♋			
	-3655 Dec 09 j 08:32	0°♊			greatest brilliancy		-3652 Apr 30 j 07:22	0°♋58'37	-4.5m		
evening rise	-3655 Dec 12 j 18:44	4°♊16'20			morning max el		-3652 Jun 04 j 19:10	27°♋42'08	45°54'06		
	-3654 Jan 02 j 11:21	0°♊					-3652 Jun 07 j 04:16	0°♊			
	-3654 Jan 26 j 18:36	0°♋					-3652 Jul 05 j 17:58	0°♋			
	-3654 Feb 20 j 08:22	0°♋					-3652 Jul 31 j 21:41	0°♌			
asc. node	-3654 Mar 03 j 07:03	13°♋12'56			asc. node		-3652 Aug 18 j 03:32	20°♌36'51			
	-3654 Mar 17 j 07:46	0°♊					-3652 Aug 25 j 20:49	0°♌			
	-3654 Apr 11 j 21:23	0°♋					-3652 Sep 19 j 03:43	0°♌			
	-3654 May 08 j 10:09	0°♌					-3652 Oct 13 j 02:30	0°♍			
	-3654 Jun 06 j 00:06	0°♌					-3652 Nov 05 j 23:03	0°♍			
evening max el	-3654 Jun 09 j 10:51	3°♌21'00	45°52'24				-3652 Nov 29 j 20:56	0°♌			
desc. node	-3654 Jun 23 j 02:27	15°♌41'57			morning set		-3652 Dec 06 j 08:40	8°♌07'02			
	-3654 Jul 14 j 01:49	0°♌			desc. node		-3652 Dec 07 j 22:56	10°♌06'37			
greatest brilliancy	-3654 Jul 18 j 05:12	1°♌44'41	-4.6m				-3652 Dec 23 j 21:35	0°♊			
retrograde	-3654 Jul 28 j 17:31	3°♌44'24									
	-3654 Aug 11 j 16:57	30°♌			superior conj		-3651 Jan 16 j 18:57	29°♊40'52	-1°-14'-57		
evening set	-3654 Aug 15 j 16:34	27°♌48'04			minimum elong		-3651 Jan 16 j 10:20	29°♊14'10	1°14'56		
inferior conj	-3654 Aug 18 j 14:54	26°♌02'40	-8°-56'-12				-3651 Jan 17 j 01:08	0°♊			
minimum elong	-3654 Aug 18 j 14:22	26°♌03'29	8°56'05		max. Earth dist.		-3651 Jan 20 j 08:49	4°♊06'51	1.72571 AU		
min. Earth dist.	-3654 Aug 19 j 01:21	25°♌46'50	0.27203 AU				-3651 Feb 10 j 07:24	0°♋			
morning rise	-3654 Aug 21 j 12:01	24°♌18'42			evening rise		-3651 Feb 24 j 14:10	17°♋35'29			
direct	-3654 Sep 08 j 09:45	18°♌16'00					-3651 Mar 06 j 16:35	0°♋			
greatest brilliancy	-3654 Sep 21 j 21:56	21°♌36'12	-4.7m		asc. node		-3651 Mar 30 j 19:22	29°♋30'03			
	-3654 Oct 05 j 07:19	0°♌					-3651 Mar 31 j 05:12	0°♊			
asc. node	-3654 Oct 14 j 00:30	7°♌12'23					-3651 Apr 24 j 21:56	0°♋			
morning max el	-3654 Oct 29 j 04:22	21°♌47'03	46°52'41				-3651 May 19 j 19:54	0°♌			
	-3654 Nov 06 j 00:15	0°♍					-3651 Jun 14 j 01:29	0°♌			
	-3654 Dec 02 j 17:46	0°♍					-3651 Jul 09 j 20:10	0°♌			
	-3654 Dec 28 j 05:22	0°♌			desc. node		-3651 Jul 20 j 14:02	12°♌11'52			
	-3653 Jan 22 j 07:08	0°♊					-3651 Aug 05 j 17:43	0°♍			
desc. node	-3653 Feb 02 j 20:47	13°♊54'54			evening max el		-3651 Aug 22 j 05:00	17°♍08'00	47°18'13		
	-3653 Feb 16 j 05:07	0°♊					-3651 Sep 04 j 19:56	0°♍			
	-3653 Mar 13 j 00:44	0°♋			greatest brilliancy		-3651 Sep 30 j 13:12	17°♍35'38	-4.7m		
	-3653 Apr 06 j 17:49	0°♋			retrograde		-3651 Oct 11 j 20:33	20°♍00'19			
morning set	-3653 May 01 j 10:03	0°♊06'45			evening set		-3651 Oct 26 j 15:24	15°♍38'02			
	-3653 May 01 j 07:51	0°♊			inferior conj		-3651 Nov 01 j 09:52	12°♍13'35	-2°-19'-1		
	-3653 May 25 j 18:13	0°♋			minimum elong		-3651 Nov 01 j 14:58	12°♍05'46	2°17'27		
asc. node	-3653 May 26 j 17:45	1°♋12'30			min. Earth dist.		-3651 Nov 01 j 03:16	12°♍23'39	0.26398 AU		
max. Earth dist.	-3653 Jun 02 j 08:29	9°♋22'03	1.73151 AU		morning rise		-3651 Nov 07 j 14:48	8°♍36'08			
					asc. node		-3651 Nov 10 j 11:53	7°♍11'29			
superior conj	-3653 Jun 06 j 07:07	14°♋14'22	0°24'31		direct		-3651 Nov 21 j 15:00	4°♍37'53			
minimum elong	-3653 Jun 06 j 02:27	13°♋59'55	0°24'23		greatest brilliancy		-3651 Dec 03 j 04:46	7°♍09'35	-4.7m		
	-3653 Jun 19 j 00:42	0°♌					-3650 Jan 03 j 10:41	0°♌			
evening rise	-3653 Jul 12 j 04:11	28°♌46'14			morning max el		-3650 Jan 10 j 16:18	6°♌59'30	46°28'57		
	-3653 Jul 13 j 03:52	0°♌					-3650 Feb 01 j 16:13	0°♊			
	-3653 Aug 06 j 05:15	0°♌					-3650 Feb 28 j 12:12	0°♊			
	-3653 Aug 30 j 06:52	0°♍			desc. node		-3650 Mar 02 j 08:39	2°♊07'02			
desc. node	-3653 Sep 15 j 12:21	20°♍10'13					-3650 Mar 26 j 10:22	0°♋			
	-3653 Sep 23 j 10:40	0°♍					-3650 Apr 20 j 20:04	0°♋			
	-3653 Oct 17 j 18:33	0°♌					-3650 May 15 j 20:20	0°♊			
	-3653 Nov 11 j 09:44	0°♊					-3650 Jun 09 j 12:12	0°♋			
	-3653 Dec 06 j 15:53	0°♊			asc. node		-3650 Jun 23 j 05:49	16°♋52'59			
	-3652 Jan 02 j 08:41	0°♋					-3650 Jul 03 j 20:19	0°♌			
asc. node	-3652 Jan 06 j 09:02	4°♋15'27			morning set		-3650 Jul 07 j 18:18	4°♌51'37			
evening max el	-3652 Jan 15 j 08:15	13°♋25'00	45°55'50				-3650 Jul 27 j 21:59	0°♌			
	-3652 Feb 02 j 15:14	0°♋			max. Earth dist.		-3650 Aug 11 j 01:52	17°♌45'43	1.71458 AU		
greatest brilliancy	-3652 Feb 18 j 17:38	10°♋38'59	-4.5m								
retrograde	-3652 Mar 04 j 15:27	14°♋35'21			superior conj		-3650 Aug 14 j 02:49	21°♌34'55	1°23'32		
evening set	-3652 Mar 21 j 12:48	9°♋07'00			minimum elong		-3650 Aug 14 j 00:44	21°♌28'22	1°23'40		
inferior conj	-3652 Mar 26 j 03:07	6°♋16'18	6°24'10				-3650 Aug 20 j 19:26	0°♌			
minimum elong	-3652 Mar 26 j 11:56	6°♋02'20	6°22'33				-3650 Sep 13 j 15:19	0°♍			
min. Earth dist.	-3652 Mar 26 j 14:25	5°♋58'24	0.29321 AU		evening rise		-3650 Sep 22 j 15:46	11°♍21'02			
morning rise	-3652 Mar 31 j 10:56	2°♋59'13					-3650 Oct 07 j 11:58	0°♍			
	-3652 Apr 06 j 09:22	30°♋			desc. node		-3650 Oct 13 j 00:40	6°♍56'09			
direct	-3652 Apr 16 j 20:29	27°♋49'52					-3650 Oct 31 j 10:57	0°♌			
desc. node	-3652 Apr 27 j 05:20	29°♋45'07					-3650 Nov 24 j 13:27	0°♊			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3650 Dec 18 j 21:26	0°☾				-3647 Jul 18 j 07:05	0°☿		
	-3649 Jan 12 j 14:56	0°♊			asc. node	-3647 Jul 20 j 17:51	3°☿00'28		
asc. node	-3649 Feb 02 j 21:00	25°♊07'57			greatest brilliancy	-3647 Aug 08 j 13:24	26°☿17'27	-3.9m	
	-3649 Feb 07 j 01:51	0°♋				-3647 Aug 11 j 12:49	0°☿		
	-3649 Mar 05 j 22:28	0°♌				-3647 Sep 04 j 10:51	0°♍		
evening max el	-3649 Mar 27 j 06:36	21°♌42'52	45°08'01		morning set	-3647 Sep 17 j 18:41	16°♍48'35		
	-3649 Apr 05 j 08:19	0°♎				-3647 Sep 28 j 05:19	0°♎		
greatest brilliancy	-3649 May 01 j 01:26	17°♎41'42	-4.5m			-3647 Oct 21 j 23:43	0°♏		
retrograde	-3649 May 14 j 10:53	20°♎47'19							
desc. node	-3649 May 25 j 16:55	18°♏20'16			superior conj	-3647 Oct 28 j 17:07	8°♏28'19	0°27'14	
evening set	-3649 May 29 j 07:15	16°♏36'08			minimum elong	-3647 Oct 29 j 00:12	8°♏50'37	0°26'52	
inferior conj	-3649 Jun 04 j 18:24	12°♏48'35	-2°-19'-46		max. Earth dist.	-3647 Nov 01 j 14:35	13°♏22'24	1.71018 AU	
minimum elong	-3649 Jun 04 j 13:21	12°♏56'21	2°18'15		desc. node	-3647 Nov 09 j 12:51	23°♏20'19		
min. Earth dist.	-3649 Jun 05 j 05:27	12°♏31'36	0.28505 AU			-3647 Nov 14 j 20:11	0°♐		
morning rise	-3649 Jun 10 j 18:55	9°♏14'14				-3647 Dec 08 j 19:36	0°♑		
direct	-3649 Jun 26 j 10:15	4°♏36'48			evening rise	-3647 Dec 10 j 04:39	1°♑43'04		
greatest brilliancy	-3649 Jul 11 j 01:14	8°♏21'40	-4.5m			-3646 Jan 01 j 22:27	0°☾		
	-3649 Aug 08 j 23:30	0°♒				-3646 Jan 26 j 05:49	0°♊		
morning max el	-3649 Aug 15 j 06:51	6°♒05'50	46°28'15			-3646 Feb 19 j 19:52	0°♋		
	-3649 Sep 06 j 19:30	0°☿			asc. node	-3646 Mar 02 j 09:16	12°♋44'30		
asc. node	-3649 Sep 15 j 15:19	10°☿00'28				-3646 Mar 16 j 19:51	0°♌		
	-3649 Oct 02 j 16:38	0°♍				-3646 Apr 11 j 10:38	0°♎		
	-3649 Oct 27 j 10:45	0°♎				-3646 May 08 j 01:54	0°♏		
	-3649 Nov 20 j 18:27	0°♏				-3646 Jun 05 j 22:36	0°☿		
	-3649 Dec 14 j 23:54	0°♐			evening max el	-3646 Jun 06 j 23:09	0°☿59'07	45°49'32	
desc. node	-3648 Jan 05 j 11:00	26°♐31'33			desc. node	-3646 Jun 22 j 04:29	14°☿37'53		
	-3648 Jan 08 j 06:33	0°♑			greatest brilliancy	-3646 Jul 15 j 15:59	29°☿19'56	-4.6m	
	-3648 Feb 01 j 15:04	0°☾				-3646 Jul 17 j 15:45	0°♍		
morning set	-3648 Feb 20 j 01:50	22°☾40'49			retrograde	-3646 Jul 26 j 05:48	1°♍21'18		
	-3648 Feb 26 j 00:52	0°♊				-3646 Aug 03 j 12:58	30°♎☿		
	-3648 Mar 21 j 11:19	0°♋			evening set	-3646 Aug 13 j 03:32	25°☿26'59		
					inferior conj	-3646 Aug 16 j 03:47	23°☿38'58	-8°-54'-30	
superior conj	-3648 Mar 28 j 06:58	8°♋22'03	-1°-2'-21		minimum elong	-3646 Aug 16 j 02:18	23°☿41'12	8°54'22	
minimum elong	-3648 Mar 28 j 15:40	8°♋48'45	1°02'08		min. Earth dist.	-3646 Aug 16 j 14:15	23°☿23'07	0.27256 AU	
max. Earth dist.	-3648 Mar 28 j 05:20	8°♋17'03	1.73692 AU		morning rise	-3646 Aug 19 j 00:55	21°☿55'05		
	-3648 Apr 14 j 21:57	0°♌			direct	-3646 Sep 05 j 22:56	15°☿51'05		
asc. node	-3648 Apr 27 j 07:38	15°♌13'25			greatest brilliancy	-3646 Sep 19 j 14:31	19°☿14'49	-4.7m	
evening rise	-3648 May 03 j 10:42	22°♌44'52				-3646 Oct 05 j 23:05	0°♍		
	-3648 May 09 j 08:25	0°♎			asc. node	-3646 Oct 13 j 02:34	6°♍08'00		
	-3648 Jun 02 j 18:38	0°♏			morning max el	-3646 Oct 26 j 17:41	19°♍20'01	46°52'47	
	-3648 Jun 27 j 05:08	0°☿				-3646 Nov 05 j 20:08	0°♎		
	-3648 Jul 21 j 17:25	0°♍				-3646 Dec 02 j 09:18	0°♏		
	-3648 Aug 15 j 09:58	0°♎				-3646 Dec 27 j 18:59	0°♐		
desc. node	-3648 Aug 17 j 02:14	2°♎01'32				-3645 Jan 21 j 19:38	0°♑		
	-3648 Sep 09 j 10:48	0°♏			desc. node	-3645 Feb 01 j 23:00	13°♑24'58		
	-3648 Oct 05 j 04:12	0°♐				-3645 Feb 15 j 16:55	0°☾		
	-3648 Nov 01 j 15:03	0°♑				-3645 Mar 12 j 12:03	0°♊		
evening max el	-3648 Nov 02 j 05:04	0°♑35'56	47°20'54			-3645 Apr 06 j 04:49	0°♋		
	-3648 Dec 07 j 11:32	0°☾			morning set	-3645 Apr 29 j 05:10	28°♋05'20		
asc. node	-3648 Dec 07 j 23:32	0°☾15'48				-3645 Apr 30 j 18:38	0°♌		
greatest brilliancy	-3648 Dec 09 j 04:36	0°☾52'29	-4.6m			-3645 May 25 j 04:56	0°♎		
retrograde	-3648 Dec 23 j 05:37	4°☾31'52			asc. node	-3645 May 25 j 19:50	0°♏45'55		
	-3647 Jan 07 j 04:08	30°♎♑			max. Earth dist.	-3645 May 31 j 07:35	7°♏32'09	1.73197 AU	
evening set	-3647 Jan 08 j 15:57	29°♑07'47							
min. Earth dist.	-3647 Jan 12 j 06:50	26°♑52'29	0.28145 AU		superior conj	-3645 Jun 04 j 02:06	12°♑11'36	0°21'34	
inferior conj	-3647 Jan 13 j 06:58	26°♑13'57	7°19'27		minimum elong	-3645 Jun 03 j 21:56	11°♑58'46	0°21'28	
minimum elong	-3647 Jan 12 j 22:54	26°♑26'50	7°18'08			-3645 Jun 18 j 11:27	0°♒		
morning rise	-3647 Jan 17 j 06:25	23°♑44'48			evening rise	-3645 Jul 09 j 22:06	26°♒38'44		
direct	-3647 Feb 03 j 06:09	18°♑09'20				-3645 Jul 12 j 14:46	0°☿		
greatest brilliancy	-3647 Feb 13 j 22:16	20°♑14'37	-4.5m			-3645 Aug 05 j 16:25	0°♍		
	-3647 Mar 02 j 21:24	0°☾				-3645 Aug 29 j 18:22	0°♎		
morning max el	-3647 Mar 24 j 02:16	18°☾13'48	45°54'06		desc. node	-3645 Sep 14 j 14:27	19°♎40'21		
desc. node	-3647 Mar 29 j 20:04	23°☾49'04				-3645 Sep 22 j 22:33	0°♏		
	-3647 Apr 04 j 23:29	0°♊				-3645 Oct 17 j 06:56	0°♐		
	-3647 May 02 j 22:01	0°♋				-3645 Nov 10 j 22:53	0°♌		
	-3647 May 29 j 04:54	0°♌				-3645 Dec 06 j 06:28	0°☾		
	-3647 Jun 23 j 13:46	0°♎				-3644 Jan 02 j 02:50	0°♊		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3644 Jan 05 j 11:15	3°≈31'35		morning set	-3642 Jul 05 j 11:22	2°Ⅱ41'17	
evening max el	-3644 Jan 12 j 23:34	11°≈10'46	45°58'51		-3642 Jul 27 j 09:02	0°☾	
	-3644 Feb 03 j 02:00	0°✕		max. Earth dist.	-3642 Aug 08 j 10:20	15°☾06'54	1.71508 AU
greatest brilliancy	-3644 Feb 16 j 09:21	8°✕29'42	-4.5m				
retrograde	-3644 Mar 02 j 09:09	12°✕28'24		superior conj	-3642 Aug 11 j 17:55	19°☾16'46	1°23'05
evening set	-3644 Mar 19 j 08:15	6°✕55'47		minimum elong	-3642 Aug 11 j 15:03	19°☾07'46	1°23'12
inferior conj	-3644 Mar 23 j 20:09	4°✕08'34	6°35'49		-3642 Aug 20 j 06:33	0°♁	
minimum elong	-3644 Mar 24 j 04:49	3°✕54'49	6°34'17		-3642 Sep 13 j 02:31	0°♐	
min. Earth dist.	-3644 Mar 24 j 06:23	3°✕52'20	0.29324 AU	evening rise	-3642 Sep 20 j 02:31	8°♐48'27	
morning rise	-3644 Mar 29 j 01:20	0°✕55'28			-3642 Oct 06 j 23:18	0°♑	
	-3644 Mar 30 j 16:37	30°℞≈		desc. node	-3642 Oct 12 j 02:42	6°♑26'49	
direct	-3644 Apr 14 j 13:18	25°≈42'03			-3642 Oct 30 j 22:28	0°♒	
desc. node	-3644 Apr 26 j 07:23	28°≈08'50			-3642 Nov 24 j 01:13	0°♓	
greatest brilliancy	-3644 Apr 27 j 22:48	28°≈49'50	-4.5m		-3642 Dec 18 j 09:32	0°♊	
	-3644 Apr 30 j 10:34	0°✕			-3641 Jan 12 j 03:40	0°≈	
morning max el	-3644 Jun 02 j 12:30	25°✕35'41	45°53'30	asc. node	-3641 Feb 01 j 23:11	24°≈34'28	
	-3644 Jun 07 j 01:13	0°♑			-3641 Feb 06 j 15:52	0°✕	
	-3644 Jul 05 j 09:13	0°♒			-3641 Mar 05 j 15:36	0°♑	
	-3644 Jul 31 j 10:52	0°Ⅱ		evening max el	-3641 Mar 24 j 22:03	19°♑31'04	45°08'12
asc. node	-3644 Aug 17 j 05:46	20°Ⅱ05'47			-3641 Apr 05 j 12:58	0°♒	
	-3644 Aug 25 j 09:04	0°☾		greatest brilliancy	-3641 Apr 28 j 16:05	15°♒29'50	-4.5m
	-3644 Sep 18 j 15:31	0°♁		retrograde	-3641 May 12 j 01:40	18°♒36'00	
	-3644 Oct 12 j 14:04	0°♐		desc. node	-3641 May 24 j 19:00	15°♒29'50	
	-3644 Nov 05 j 10:29	0°♑		evening set	-3641 May 26 j 22:28	14°♒25'07	
	-3644 Nov 29 j 08:15	0°♒		inferior conj	-3641 Jun 02 j 09:59	10°♒36'49	-2°00'00
morning set	-3644 Dec 03 j 18:24	5°♒32'05		minimum elong	-3641 Jun 02 j 05:37	10°♒43'33	1°58'41
desc. node	-3644 Dec 07 j 01:02	9°♒37'56		min. Earth dist.	-3641 Jun 02 j 21:40	10°♒18'48	0.28542 AU
	-3644 Dec 23 j 08:46	0°♓		morning rise	-3641 Jun 08 j 12:09	6°♒59'37	
				direct	-3641 Jun 24 j 01:59	2°♒24'20	
superior conj	-3643 Jan 14 j 07:24	27°♓16'18	-1°-13'-15	greatest brilliancy	-3641 Jul 08 j 16:21	6°♒07'32	-4.5m
minimum elong	-3643 Jan 13 j 22:12	26°♓47'46	1°13'12		-3641 Aug 09 j 00:11	0°Ⅱ	
	-3643 Jan 16 j 12:12	0°♊		morning max el	-3641 Aug 12 j 20:52	3°Ⅱ46'00	46°26'57
max. Earth dist.	-3643 Jan 17 j 23:15	1°♊48'37	1.72514 AU		-3641 Sep 06 j 12:14	0°☾	
	-3643 Feb 09 j 18:25	0°≈		asc. node	-3641 Sep 14 j 17:17	9°☾21'09	
evening rise	-3643 Feb 22 j 05:52	15°≈22'23			-3641 Oct 02 j 06:47	0°♁	
	-3643 Mar 06 j 03:38	0°✕			-3641 Oct 26 j 23:42	0°♐	
asc. node	-3643 Mar 29 j 21:25	29°✕02'11			-3641 Nov 20 j 06:44	0°♑	
	-3643 Mar 30 j 16:24	0°♑			-3641 Dec 14 j 11:47	0°♒	
	-3643 Apr 24 j 09:29	0°♒		desc. node	-3640 Jan 04 j 13:12	26°♒02'27	
	-3643 May 19 j 08:05	0°Ⅱ			-3640 Jan 07 j 18:09	0°♓	
	-3643 Jun 13 j 14:43	0°☾			-3640 Feb 01 j 02:25	0°♊	
	-3643 Jul 09 j 11:15	0°♁		morning set	-3640 Feb 17 j 17:06	20°♊25'50	
desc. node	-3643 Jul 19 j 16:19	11°♁32'47			-3640 Feb 25 j 12:02	0°≈	
	-3643 Aug 05 j 12:43	0°♐			-3640 Mar 20 j 22:21	0°✕	
evening max el	-3643 Aug 19 j 19:30	14°♐45'59	47°16'02				
	-3643 Sep 05 j 04:50	0°♑		superior conj	-3640 Mar 26 j 00:49	6°✕15'42	-1°-4'-24
greatest brilliancy	-3643 Sep 28 j 02:54	15°♑06'58	-4.7m	minimum elong	-3640 Mar 26 j 09:27	6°✕42'13	1°04'13
retrograde	-3643 Oct 09 j 09:33	17°♑30'04		max. Earth dist.	-3640 Mar 26 j 01:36	6°✕18'07	1.73675 AU
evening set	-3643 Oct 24 j 05:52	13°♑05'30			-3640 Apr 14 j 08:58	0°♑	
inferior conj	-3643 Oct 29 j 22:10	9°♑43'55	-2°-42'-33	asc. node	-3640 Apr 26 j 09:42	14°♑45'51	
minimum elong	-3643 Oct 30 j 04:04	9°♑34'53	2°40'45	evening rise	-3640 May 01 j 05:46	20°♑42'05	
min. Earth dist.	-3643 Oct 29 j 16:30	9°♑52'36	0.26388 AU		-3640 May 08 j 19:32	0°♒	
morning rise	-3643 Nov 05 j 02:38	6°♑07'32			-3640 Jun 02 j 05:59	0°Ⅱ	
asc. node	-3643 Nov 09 j 14:00	4°♑02'59			-3640 Jun 26 j 16:52	0°☾	
direct	-3643 Nov 19 j 03:59	2°♑08'44			-3640 Jul 21 j 05:42	0°♁	
greatest brilliancy	-3643 Nov 30 j 17:50	4°♑41'05	-4.7m		-3640 Aug 14 j 23:03	0°♐	
	-3642 Jan 03 j 13:01	0°♒		desc. node	-3640 Aug 16 j 04:17	1°♐28'10	
morning max el	-3642 Jan 08 j 06:32	4°♒37'31	46°30'10		-3640 Sep 09 j 01:06	0°♑	
	-3642 Feb 01 j 09:39	0°♓			-3640 Oct 04 j 20:44	0°♒	
	-3642 Feb 28 j 02:35	0°♊		evening max el	-3640 Oct 30 j 19:23	28°♒12'55	47°22'45
desc. node	-3642 Mar 01 j 10:44	1°♊32'11			-3640 Nov 01 j 13:26	0°♓	
	-3642 Mar 25 j 23:13	0°≈		greatest brilliancy	-3640 Dec 06 j 22:53	28°♓37'01	-4.6m
	-3642 Apr 20 j 08:02	0°✕		asc. node	-3640 Dec 07 j 01:41	28°♓40'26	
	-3642 May 15 j 07:47	0°♑			-3640 Dec 10 j 02:04	0°♊	
	-3642 Jun 08 j 23:22	0°♒		retrograde	-3640 Dec 20 j 21:01	2°♊13'44	
asc. node	-3642 Jun 22 j 07:59	16°♒25'25			-3640 Dec 31 j 05:25	30°℞♓	
	-3642 Jul 03 j 07:22	0°Ⅱ		evening set	-3639 Jan 06 j 04:35	26°♓54'41	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

min. Earth dist.	-3639 Jan 09 j 22:04	24° \mathbb{A} 35'44	0.28071 AU		-3637 Jun 17 j 22:29	0° Π	
inferior conj	-3639 Jan 10 j 22:29	23° \mathbb{A} 56'45	7°09'24	evening rise	-3637 Jul 07 j 15:47	24° Π 29'41	
minimum elong	-3639 Jan 10 j 14:03	24° \mathbb{A} 10'14	7°07'56		-3637 Jul 12 j 01:57	0° \mathfrak{S}	
morning rise	-3639 Jan 15 j 00:03	21° \mathbb{A} 24'24			-3637 Aug 05 j 03:50	0° Ω	
direct	-3639 Jan 31 j 20:21	15° \mathbb{A} 53'17			-3637 Aug 29 j 06:06	0° \mathfrak{M}	
greatest brilliancy	-3639 Feb 11 j 12:45	17° \mathbb{A} 58'28	-4.5m	desc. node	-3637 Sep 13 j 16:27	19° \mathfrak{M} 09'31	
	-3639 Mar 03 j 11:28	0° \mathfrak{C}			-3637 Sep 22 j 10:40	0° \mathfrak{A}	
morning max el	-3639 Mar 21 j 16:16	15° \mathfrak{C} 57'21	45°54'49		-3637 Oct 16 j 19:33	0° \mathfrak{M}	
desc. node	-3639 Mar 28 j 22:06	23° \mathfrak{C} 02'29			-3637 Nov 10 j 12:17	0° \mathbb{A}	
	-3639 Apr 04 j 18:29	0° \approx			-3637 Dec 05 j 21:24	0° \mathfrak{C}	
	-3639 May 02 j 12:50	0° \mathfrak{H}			-3636 Jan 01 j 21:37	0° \approx	
	-3639 May 28 j 17:57	0° \mathfrak{Y}		asc. node	-3636 Jan 04 j 13:27	2° \approx 46'37	
	-3639 Jun 23 j 01:56	0° \mathfrak{B}		evening max el	-3636 Jan 10 j 15:52	8° \approx 58'23	46°01'55
	-3639 Jul 17 j 18:46	0° Π			-3636 Feb 03 j 16:44	0° \mathfrak{H}	
asc. node	-3639 Jul 19 j 20:01	2° Π 31'17		greatest brilliancy	-3636 Feb 14 j 01:59	6° \mathfrak{H} 21'18	-4.5m
greatest brilliancy	-3639 Aug 11 j 01:43	0° \mathfrak{S} 04'35	-3.9m	retrograde	-3636 Feb 29 j 02:51	10° \mathfrak{H} 20'59	
	-3639 Aug 11 j 00:15	0° \mathfrak{S}		evening set	-3636 Mar 17 j 03:40	4° \mathfrak{H} 44'26	
	-3639 Sep 03 j 22:12	0° Ω		inferior conj	-3636 Mar 21 j 13:11	2° \mathfrak{H} 00'29	6°46'50
morning set	-3639 Sep 15 j 06:39	14° Ω 18'59		minimum elong	-3636 Mar 21 j 21:39	1° \mathfrak{H} 47'03	6°45'26
	-3639 Sep 27 j 16:39	0° \mathfrak{M}		min. Earth dist.	-3636 Mar 21 j 22:05	1° \mathfrak{H} 46'21	0.29324 AU
	-3639 Oct 21 j 11:04	0° \mathfrak{A}			-3636 Mar 24 j 17:57	30° \mathfrak{R} \approx	
				morning rise	-3636 Mar 26 j 15:41	28° \approx 51'24	
superior conj	-3639 Oct 26 j 02:11	5° \mathfrak{A} 50'04	0°30'59	direct	-3636 Apr 12 j 06:30	23° \approx 34'08	
minimum elong	-3639 Oct 26 j 10:06	6° \mathfrak{A} 15'01	0°30'37	desc. node	-3636 Apr 25 j 09:33	26° \approx 35'39	
max. Earth dist.	-3639 Oct 29 j 15:22	10° \mathfrak{A} 18'13	1.70988 AU	greatest brilliancy	-3636 Apr 25 j 13:01	26° \approx 39'24	-4.5m
desc. node	-3639 Nov 08 j 15:00	22° \mathfrak{A} 51'26			-3636 May 02 j 00:56	0° \mathfrak{H}	
	-3639 Nov 14 j 07:32	0° \mathfrak{M}		morning max el	-3636 May 31 j 05:45	23° \mathfrak{H} 28'47	45°52'42
evening rise	-3639 Dec 07 j 14:44	29° \mathfrak{M} 09'27			-3636 Jun 06 j 21:38	0° \mathfrak{Y}	
	-3639 Dec 08 j 06:56	0° \mathbb{A}			-3636 Jul 05 j 00:28	0° \mathfrak{B}	
	-3638 Jan 01 j 09:48	0° \mathfrak{C}			-3636 Jul 31 j 00:11	0° Π	
	-3638 Jan 25 j 17:18	0° \approx		asc. node	-3636 Aug 16 j 07:47	19° Π 33'31	
	-3638 Feb 19 j 07:40	0° \mathfrak{H}			-3636 Aug 24 j 21:28	0° \mathfrak{S}	
asc. node	-3638 Mar 01 j 11:15	12° \mathfrak{H} 14'23			-3636 Sep 18 j 03:26	0° Ω	
	-3638 Mar 16 j 08:19	0° \mathfrak{Y}			-3636 Oct 12 j 01:43	0° \mathfrak{M}	
	-3638 Apr 11 j 00:24	0° \mathfrak{B}			-3636 Nov 04 j 21:58	0° \mathfrak{A}	
	-3638 May 07 j 18:21	0° Π			-3636 Nov 28 j 19:35	0° \mathfrak{M}	
evening max el	-3638 Jun 04 j 12:21	28° Π 38'26	45°46'55	morning set	-3636 Dec 01 j 04:06	2° \mathfrak{M} 56'51	
	-3638 Jun 05 j 22:34	0° \mathfrak{S}		desc. node	-3636 Dec 06 j 03:11	9° \mathfrak{M} 09'16	
desc. node	-3638 Jun 21 j 06:44	13° \mathfrak{S} 31'23			-3636 Dec 22 j 20:00	0° \mathbb{A}	
greatest brilliancy	-3638 Jul 13 j 01:44	26° \mathfrak{S} 53'24	-4.6m				
retrograde	-3638 Jul 23 j 18:38	28° \mathfrak{S} 57'30		superior conj	-3635 Jan 11 j 19:39	24° \mathbb{A} 50'50	-1°-11'-25
evening set	-3638 Aug 10 j 14:01	23° \mathfrak{S} 05'47		minimum elong	-3635 Jan 11 j 09:56	24° \mathbb{A} 20'41	1°11'19
inferior conj	-3638 Aug 13 j 16:39	21° \mathfrak{S} 14'27	-8°-51'-50	max. Earth dist.	-3635 Jan 15 j 15:02	29° \mathbb{A} 34'14	1.72457 AU
minimum elong	-3638 Aug 13 j 14:14	21° \mathfrak{S} 18'06	8°51'38		-3635 Jan 15 j 23:20	0° \mathfrak{C}	
min. Earth dist.	-3638 Aug 14 j 02:44	20° \mathfrak{S} 59'13	0.27307 AU		-3635 Feb 09 j 05:29	0° \approx	
morning rise	-3638 Aug 16 j 14:17	19° \mathfrak{S} 30'00		evening rise	-3635 Feb 19 j 21:30	13° \approx 08'48	
direct	-3638 Sep 03 j 12:36	13° \mathfrak{S} 25'34			-3635 Mar 05 j 14:42	0° \mathfrak{H}	
greatest brilliancy	-3638 Sep 17 j 06:28	16° \mathfrak{S} 52'11	-4.7m	asc. node	-3635 Mar 28 j 23:33	28° \mathfrak{H} 34'34	
	-3638 Oct 06 j 11:14	0° Ω			-3635 Mar 30 j 03:37	0° \mathfrak{Y}	
asc. node	-3638 Oct 12 j 04:44	5° Ω 04'42			-3635 Apr 23 j 21:04	0° \mathfrak{B}	
morning max el	-3638 Oct 24 j 08:02	16° Ω 55'02	46°52'46		-3635 May 18 j 20:20	0° Π	
	-3638 Nov 05 j 15:43	0° \mathfrak{M}			-3635 Jun 13 j 04:07	0° \mathfrak{S}	
	-3638 Dec 02 j 00:51	0° \mathfrak{A}			-3635 Jul 09 j 02:40	0° Ω	
	-3638 Dec 27 j 08:42	0° \mathfrak{M}		desc. node	-3635 Jul 18 j 18:19	10° Ω 52'05	
	-3637 Jan 21 j 08:17	0° \mathbb{A}			-3635 Aug 05 j 08:27	0° \mathfrak{M}	
desc. node	-3637 Feb 01 j 01:05	12° \mathbb{A} 54'03		evening max el	-3635 Aug 17 j 09:51	12° \mathfrak{M} 23'06	47°13'40
	-3637 Feb 15 j 04:52	0° \mathfrak{C}			-3635 Sep 05 j 17:03	0° \mathfrak{A}	
	-3637 Mar 11 j 23:32	0° \approx		greatest brilliancy	-3635 Sep 25 j 17:30	12° \mathfrak{A} 38'43	-4.7m
	-3637 Apr 05 j 16:01	0° \mathfrak{H}		retrograde	-3635 Oct 06 j 22:01	14° \mathfrak{A} 58'51	
morning set	-3637 Apr 27 j 00:09	26° \mathfrak{H} 02'44		evening set	-3635 Oct 21 j 20:20	10° \mathfrak{A} 32'09	
	-3637 Apr 30 j 05:41	0° \mathfrak{Y}		inferior conj	-3635 Oct 27 j 10:17	7° \mathfrak{A} 13'41	-3°-5'-50
asc. node	-3637 May 24 j 22:02	0° \mathfrak{B} 18'49		minimum elong	-3635 Oct 27 j 16:57	7° \mathfrak{A} 03'28	3°03'50
	-3637 May 24 j 15:55	0° \mathfrak{B}		min. Earth dist.	-3635 Oct 27 j 05:47	7° \mathfrak{A} 20'33	0.26374 AU
max. Earth dist.	-3637 May 29 j 06:13	5° \mathfrak{B} 39'59	1.73242 AU	morning rise	-3635 Nov 02 j 13:56	3° \mathfrak{A} 38'27	
				asc. node	-3635 Nov 08 j 16:12	0° \mathfrak{A} 58'56	
superior conj	-3637 Jun 01 j 20:48	10° \mathfrak{B} 07'08	0°18'34		-3635 Nov 12 j 14:15	30° \mathfrak{R} \mathfrak{M}	
minimum elong	-3637 Jun 01 j 17:12	9° \mathfrak{B} 56'00	0°18'29	direct	-3635 Nov 16 j 16:31	29° \mathfrak{M} 39'08	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3635 Nov 20 j 20:25	0°♄					-3632 Jul 20 j 17:41	0°♄			
greatest brilliancy	-3635 Nov 28 j 06:39	2°♄11'50	-4.7m				-3632 Aug 14 j 11:53	0°♄			
	-3634 Jan 03 j 13:58	0°♄			desc. node		-3632 Aug 15 j 06:20	0°♄55'33			
morning max el	-3634 Jan 05 j 19:40	2°♄12'41	46°31'23				-3632 Sep 08 j 15:16	0°♄			
	-3634 Feb 01 j 02:40	0°♄					-3632 Oct 04 j 13:22	0°♄			
	-3634 Feb 27 j 16:43	0°♄			evening max el		-3632 Oct 28 j 09:32	25°♄49'42	47°24'27		
desc. node	-3634 Feb 28 j 12:44	0°♄57'32					-3632 Nov 01 j 12:38	0°♄			
	-3634 Mar 25 j 11:54	0°♄			greatest brilliancy		-3632 Dec 04 j 16:24	26°♄20'09	-4.6m		
	-3634 Apr 19 j 19:52	0°♄			asc. node		-3632 Dec 06 j 03:51	27°♄01'20			
	-3634 May 14 j 19:06	0°♄			retrograde		-3632 Dec 18 j 12:29	29°♄55'11			
	-3634 Jun 08 j 10:24	0°♄			evening set		-3631 Jan 03 j 16:55	24°♄40'57			
asc. node	-3634 Jun 21 j 10:08	15°♄58'12			min. Earth dist.		-3631 Jan 07 j 13:03	22°♄18'29	0.27994 AU		
	-3634 Jul 02 j 18:18	0°♄			inferior conj		-3631 Jan 08 j 13:45	21°♄39'08	6°58'31		
morning set	-3634 Jul 03 j 04:28	0°♄31'32			minimum elong		-3631 Jan 08 j 04:59	21°♄53'06	6°56'53		
	-3634 Jul 26 j 20:01	0°♄			morning rise		-3631 Jan 12 j 17:36	19°♄03'33			
max. Earth dist.	-3634 Aug 05 j 19:16	12°♄29'47	1.71568 AU		direct		-3631 Jan 29 j 10:02	13°♄36'45			
					greatest brilliancy		-3631 Feb 09 j 03:17	15°♄42'32	-4.5m		
superior conj	-3634 Aug 09 j 09:00	16°♄58'49	1°22'29				-3631 Mar 03 j 21:42	0°♄			
minimum elong	-3634 Aug 09 j 05:24	16°♄47'32	1°22'36		morning max el		-3631 Mar 19 j 06:52	13°♄43'04	45°55'44		
	-3634 Aug 19 j 17:37	0°♄			desc. node		-3631 Mar 28 j 00:22	22°♄17'57			
	-3634 Sep 12 j 13:43	0°♄					-3631 Apr 04 j 12:40	0°♄			
evening rise	-3634 Sep 17 j 13:03	6°♄15'16					-3631 May 02 j 03:07	0°♄			
	-3634 Oct 06 j 10:38	0°♄					-3631 May 28 j 06:34	0°♄			
desc. node	-3634 Oct 11 j 04:50	5°♄57'56					-3631 Jun 22 j 13:42	0°♄			
	-3634 Oct 30 j 09:58	0°♄					-3631 Jul 17 j 06:05	0°♄			
	-3634 Nov 23 j 12:54	0°♄			asc. node		-3631 Jul 18 j 22:02	2°♄02'44			
	-3634 Dec 17 j 21:32	0°♄					-3631 Aug 10 j 11:20	0°♄			
	-3633 Jan 11 j 16:17	0°♄			greatest brilliancy		-3631 Aug 13 j 01:05	3°♄12'48	-3.9m		
asc. node	-3633 Feb 01 j 01:11	24°♄00'42					-3631 Sep 03 j 09:11	0°♄			
	-3633 Feb 06 j 05:50	0°♄			morning set		-3631 Sep 12 j 19:10	11°♄52'23			
	-3633 Mar 05 j 08:52	0°♄					-3631 Sep 27 j 03:38	0°♄			
evening max el	-3633 Mar 22 j 12:55	17°♄18'28	45°08'31				-3631 Oct 20 j 22:05	0°♄			
	-3633 Apr 05 j 19:20	0°♄									
greatest brilliancy	-3633 Apr 26 j 05:59	13°♄18'00	-4.5m		superior conj		-3631 Oct 23 j 11:24	3°♄13'10	0°34'40		
retrograde	-3633 May 09 j 16:38	16°♄26'07			minimum elong		-3631 Oct 23 j 20:05	3°♄40'33	0°34'17		
desc. node	-3633 May 23 j 21:11	12°♄36'51			max. Earth dist.		-3631 Oct 26 j 19:14	7°♄24'36	1.70969 AU		
evening set	-3633 May 24 j 13:59	12°♄14'56			desc. node		-3631 Nov 07 j 17:08	22°♄23'30			
inferior conj	-3633 May 31 j 01:44	8°♄26'25	-1°-40'-17				-3631 Nov 13 j 18:35	0°♄			
minimum elong	-3633 May 30 j 22:04	8°♄32'05	1°39'09		evening rise		-3631 Dec 05 j 00:28	26°♄35'32			
min. Earth dist.	-3633 May 31 j 14:16	8°♄07'05	0.28580 AU				-3631 Dec 07 j 18:00	0°♄			
morning rise	-3633 Jun 06 j 05:26	4°♄46'38					-3631 Dec 31 j 20:55	0°♄			
direct	-3633 Jun 21 j 17:30	0°♄13'03					-3630 Jan 25 j 04:32	0°♄			
greatest brilliancy	-3633 Jul 06 j 08:18	3°♄55'41	-4.5m				-3630 Feb 18 j 19:14	0°♄			
	-3633 Aug 08 j 23:26	0°♄			asc. node		-3630 Feb 28 j 13:25	11°♄45'39			
morning max el	-3633 Aug 10 j 10:55	1°♄27'15	46°25'34				-3630 Mar 15 j 20:32	0°♄			
	-3633 Sep 06 j 04:28	0°♄					-3630 Apr 10 j 13:55	0°♄			
asc. node	-3633 Sep 13 j 19:29	8°♄43'24					-3630 May 07 j 10:42	0°♄			
	-3633 Oct 01 j 20:41	0°♄			evening max el		-3630 Jun 02 j 02:40	26°♄21'51	45°44'22		
	-3633 Oct 26 j 12:29	0°♄					-3630 Jun 05 j 23:11	0°♄			
	-3633 Nov 19 j 18:54	0°♄			desc. node		-3630 Jun 20 j 08:48	12°♄23'56			
	-3633 Dec 13 j 23:31	0°♄			greatest brilliancy		-3630 Jul 10 j 11:19	24°♄28'28	-4.6m		
desc. node	-3632 Jan 03 j 15:16	25°♄33'33			retrograde		-3630 Jul 21 j 07:54	26°♄35'30			
	-3632 Jan 07 j 05:32	0°♄			evening set		-3630 Aug 08 j 00:20	20°♄47'07			
	-3632 Jan 31 j 13:31	0°♄			inferior conj		-3630 Aug 11 j 05:41	18°♄51'49	-8°-48'-16		
morning set	-3632 Feb 15 j 08:04	18°♄10'43			minimum elong		-3630 Aug 11 j 02:22	18°♄56'49	8°48'00		
	-3632 Feb 24 j 22:55	0°♄			min. Earth dist.		-3630 Aug 11 j 15:06	18°♄37'35	0.27354 AU		
	-3632 Mar 20 j 09:07	0°♄			morning rise		-3630 Aug 14 j 04:15	17°♄06'06			
					direct		-3630 Sep 01 j 02:54	11°♄02'11			
superior conj	-3632 Mar 23 j 18:41	4°♄10'15	-1°-6'-22		greatest brilliancy		-3630 Sep 14 j 21:21	14°♄30'02	-4.7m		
minimum elong	-3632 Mar 24 j 03:14	4°♄36'29	1°06'12				-3630 Oct 06 j 19:36	0°♄			
max. Earth dist.	-3632 Mar 23 j 20:46	4°♄16'41	1.73657 AU		asc. node		-3630 Oct 11 j 06:55	4°♄04'22			
	-3632 Apr 13 j 19:43	0°♄			morning max el		-3630 Oct 21 j 22:51	14°♄32'51	46°52'38		
asc. node	-3632 Apr 25 j 11:54	14°♄19'32					-3630 Nov 05 j 10:18	0°♄			
evening rise	-3632 Apr 29 j 01:01	18°♄40'41					-3630 Dec 01 j 15:48	0°♄			
	-3632 May 08 j 06:23	0°♄					-3630 Dec 26 j 22:00	0°♄			
	-3632 Jun 01 j 17:03	0°♄					-3629 Jan 20 j 20:36	0°♄			
	-3632 Jun 26 j 04:18	0°♄			desc. node		-3629 Jan 31 j 03:05	12°♄23'45			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3629 Feb 14 j 16:32	0°☾			-3627 Aug 05 j 04:33	0°☾	
	-3629 Mar 11 j 10:45	0°≈		evening max el	-3627 Aug 14 j 23:29	9°☾59'03	47°11'06
	-3629 Apr 05 j 02:55	0°☿			-3627 Sep 06 j 08:55	0°♊	
morning set	-3629 Apr 24 j 19:00	24°☿00'45		greatest brilliancy	-3627 Sep 23 j 08:51	10°♊11'53	-4.7m
	-3629 Apr 29 j 16:23	0°☿		retrograde	-3627 Oct 04 j 09:56	12°♊28'12	
asc. node	-3629 May 24 j 00:05	29°☿52'22		evening set	-3627 Oct 19 j 10:58	7°♊59'10	
	-3629 May 24 j 02:34	0°♋		inferior conj	-3627 Oct 24 j 22:27	4°♊44'09	-3°-28'-51
max. Earth dist.	-3629 May 27 j 04:16	3°♋47'07	1.73284 AU	minimum elong	-3627 Oct 25 j 05:50	4°♊32'49	3°26'40
				min. Earth dist.	-3627 Oct 24 j 19:30	4°♊48'39	0.26365 AU
superior conj	-3629 May 30 j 15:30	8°♋03'47	0°15'34	morning rise	-3627 Oct 31 j 00:58	1°♊10'11	
minimum elong	-3629 May 30 j 12:27	7°♋54'24	0°15'30		-3627 Nov 02 j 09:18	30°♋☾	
behind sun begin	-3629 May 30 j 07:55	7°♋40'22		asc. node	-3627 Nov 07 j 18:17	28°☾01'13	
behind sun end	-3629 May 30 j 17:00	8°♋08'27		direct	-3627 Nov 14 j 04:32	27°☾09'59	
	-3629 Jun 17 j 09:12	0°♌		greatest brilliancy	-3627 Nov 25 j 20:20	29°☾43'55	-4.7m
evening rise	-3629 Jul 05 j 09:41	22°♌22'21			-3627 Nov 26 j 11:23	0°♌	
	-3629 Jul 11 j 12:50	0°♍		morning max el	-3626 Jan 03 j 08:06	29°♌46'22	46°32'47
	-3629 Aug 04 j 14:58	0°♎			-3626 Jan 03 j 13:34	0°♌	
	-3629 Aug 28 j 17:32	0°☾			-3626 Jan 31 j 19:08	0°♌	
desc. node	-3629 Sep 12 j 18:40	18°☾40'19			-3626 Feb 27 j 06:32	0°☾	
	-3629 Sep 21 j 22:27	0°♌		desc. node	-3626 Feb 27 j 14:59	0°☾24'22	
	-3629 Oct 16 j 07:50	0°♌			-3626 Mar 25 j 00:22	0°≈	
	-3629 Nov 10 j 01:24	0°♌			-3626 Apr 19 j 07:33	0°☿	
	-3629 Dec 05 j 12:09	0°☾			-3626 May 14 j 06:19	0°☿	
	-3628 Jan 01 j 16:34	0°≈			-3626 Jun 07 j 21:22	0°♋	
asc. node	-3628 Jan 03 j 15:26	2°≈01'15		asc. node	-3626 Jun 20 j 12:10	15°♋30'50	
evening max el	-3628 Jan 08 j 08:32	6°≈47'36	46°04'46	morning set	-3626 Jun 30 j 21:40	28°♋22'18	
	-3628 Feb 04 j 12:13	0°☿			-3626 Jul 02 j 05:11	0°♌	
greatest brilliancy	-3628 Feb 11 j 19:51	4°☿14'58	-4.5m		-3626 Jul 26 j 06:54	0°♍	
retrograde	-3628 Feb 26 j 20:16	8°☿13'47		max. Earth dist.	-3626 Aug 03 j 07:05	10°♍02'05	1.71628 AU
evening set	-3628 Mar 14 j 23:03	2°☿33'42					
inferior conj	-3628 Mar 19 j 06:13	29°≈52'51	6°57'25	superior conj	-3626 Aug 07 j 00:17	14°♍41'54	1°21'46
minimum elong	-3628 Mar 19 j 14:25	29°≈39'49	6°56'06	minimum elong	-3626 Aug 06 j 20:00	14°♍28'27	1°21'51
	-3628 Mar 19 j 01:43	30°☾≈			-3626 Aug 19 j 04:35	0°♎	
min. Earth dist.	-3628 Mar 19 j 13:51	29°≈40'42	0.29320 AU		-3626 Sep 12 j 00:50	0°☾	
morning rise	-3628 Mar 24 j 05:53	26°≈47'45		evening rise	-3626 Sep 15 j 00:00	3°☾43'46	
direct	-3628 Apr 09 j 23:45	21°≈26'53			-3626 Oct 05 j 21:56	0°♊	
greatest brilliancy	-3628 Apr 23 j 02:12	24°≈28'15	-4.5m	desc. node	-3626 Oct 10 j 06:57	5°♊29'07	
desc. node	-3628 Apr 24 j 11:40	25°≈05'58			-3626 Oct 29 j 21:26	0°♌	
	-3628 May 03 j 03:28	0°☿			-3626 Nov 23 j 00:36	0°♌	
morning max el	-3628 May 28 j 22:24	21°☿21'12	45°51'58		-3626 Dec 17 j 09:33	0°☾	
	-3628 Jun 06 j 17:08	0°☿			-3625 Jan 11 j 04:56	0°≈	
	-3628 Jul 04 j 15:12	0°♋		asc. node	-3625 Jan 31 j 03:24	23°≈27'34	
	-3628 Jul 30 j 13:06	0°♌			-3625 Feb 05 j 19:52	0°☿	
asc. node	-3628 Aug 15 j 09:55	19°♌02'37			-3625 Mar 05 j 02:29	0°☿	
	-3628 Aug 24 j 09:32	0°♍		evening max el	-3625 Mar 20 j 03:29	15°☿05'21	45°08'54
	-3628 Sep 17 j 15:04	0°♎			-3625 Apr 06 j 04:09	0°♋	
	-3628 Oct 11 j 13:07	0°☾		greatest brilliancy	-3625 Apr 23 j 18:50	11°♋04'59	-4.5m
	-3628 Nov 04 j 09:10	0°♊		retrograde	-3625 May 07 j 07:55	14°♋16'32	
	-3628 Nov 28 j 06:39	0°♌		evening set	-3625 May 22 j 05:42	10°♋04'29	
morning set	-3628 Nov 28 j 14:12	0°♌23'39		desc. node	-3625 May 22 j 23:15	9°♋40'51	
desc. node	-3628 Dec 05 j 05:13	8°♌41'07		inferior conj	-3625 May 28 j 17:33	6°♋16'02	-1°-20'-25
	-3628 Dec 22 j 06:57	0°♌		minimum elong	-3625 May 28 j 14:36	6°♋20'35	1°19'29
				min. Earth dist.	-3625 May 29 j 06:49	5°♋55'34	0.28621 AU
superior conj	-3627 Jan 09 j 07:59	22°♌26'24	-1°-9'-26	morning rise	-3625 Jun 03 j 22:41	2°♋34'04	
minimum elong	-3627 Jan 08 j 21:50	21°♌54'51	1°09'19		-3625 Jun 09 j 08:28	30°☾☿	
max. Earth dist.	-3627 Jan 13 j 08:26	27°♌25'39	1.72402 AU	direct	-3625 Jun 19 j 09:09	28°☿01'36	
	-3627 Jan 15 j 10:12	0°☾			-3625 Jun 29 j 21:01	0°♋	
	-3627 Feb 08 j 16:19	0°≈		greatest brilliancy	-3625 Jul 04 j 01:28	1°♋45'24	-4.5m
evening rise	-3627 Feb 17 j 13:01	10°≈55'30		morning max el	-3625 Aug 08 j 01:53	29°♋10'40	46°24'17
	-3627 Mar 05 j 01:34	0°☿			-3625 Aug 08 j 21:49	0°♌	
asc. node	-3627 Mar 28 j 01:43	28°☿07'33			-3625 Sep 05 j 20:29	0°♍	
	-3627 Mar 29 j 14:40	0°☿		asc. node	-3625 Sep 12 j 21:42	8°♍05'49	
	-3627 Apr 23 j 08:30	0°♋			-3625 Oct 01 j 10:28	0°♎	
	-3627 May 18 j 08:29	0°♌			-3625 Oct 26 j 01:14	0°☾	
	-3627 Jun 12 j 17:26	0°♍			-3625 Nov 19 j 07:04	0°♊	
	-3627 Jul 08 j 18:05	0°♎			-3625 Dec 13 j 11:18	0°♌	
desc. node	-3627 Jul 17 j 20:24	10°♎11'45		desc. node	-3624 Jan 02 j 17:18	25°♌04'14	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3624 Jan 06 j 17:01	0°♂	evening set	-3622 Aug 05 j 10:20	18°♂28'06	
	-3624 Jan 31 j 00:43	0°♂	inferior conj	-3622 Aug 08 j 18:41	16°♂28'13	-8°-43'-48
morning set	-3624 Feb 12 j 22:56	15°♂54'44	minimum elong	-3622 Aug 08 j 14:32	16°♂34'30	8°43'26
	-3624 Feb 24 j 09:54	0°≈	min. Earth dist.	-3622 Aug 09 j 03:28	16°♂14'57	0.27402 AU
	-3624 Mar 19 j 19:59	0°♂	morning rise	-3622 Aug 11 j 18:36	14°♂40'28	
			direct	-3622 Aug 29 j 17:25	8°♂37'57	
superior conj	-3624 Mar 21 j 12:35	2°♂04'37	greatest brilliancy	-3622 Sep 12 j 11:36	12°♂05'48	-4.7m
minimum elong	-3624 Mar 21 j 20:59	2°♂30'24		-3622 Oct 07 j 02:14	0°♂	
max. Earth dist.	-3624 Mar 21 j 16:20	2°♂16'07	asc. node	-3622 Oct 10 j 09:00	3°♂03'45	
	-3624 Apr 13 j 06:35	0°♂	morning max el	-3622 Oct 19 j 13:07	12°♂07'54	46°52'22
asc. node	-3624 Apr 24 j 13:58	13°♂52'28		-3622 Nov 05 j 04:56	0°♂	
evening rise	-3624 Apr 26 j 20:23	16°♂39'21		-3622 Dec 01 j 07:00	0°♂	
	-3624 May 07 j 17:23	0°♂		-3622 Dec 26 j 11:34	0°♂	
	-3624 Jun 01 j 04:19	0°♂		-3621 Jan 20 j 09:13	0°♂	
	-3624 Jun 25 j 15:58	0°♂	desc. node	-3621 Jan 30 j 05:21	11°♂53'19	
desc. node	-3624 Jul 20 j 05:56	0°♂		-3621 Feb 14 j 04:31	0°♂	
	-3624 Aug 14 j 08:33	0°♂22'41		-3621 Mar 10 j 22:18	0°≈	
	-3624 Aug 14 j 01:00	0°♂		-3621 Apr 04 j 14:11	0°♂	
	-3624 Sep 08 j 05:45	0°♂	morning set	-3621 Apr 22 j 13:55	21°♂57'54	
	-3624 Oct 04 j 06:27	0°♂		-3621 Apr 29 j 03:28	0°♂	
evening max el	-3624 Oct 26 j 00:16	23°♂27'34	asc. node	-3621 May 23 j 02:11	29°♂24'57	
	-3624 Nov 01 j 13:03	0°♂		-3621 May 23 j 13:34	0°♂	
greatest brilliancy	-3624 Dec 02 j 08:50	24°♂01'03	max. Earth dist.	-3621 May 25 j 00:56	1°♂48'57	1.73320 AU
asc. node	-3624 Dec 05 j 05:55	25°♂17'40				
retrograde	-3624 Dec 16 j 04:12	27°♂35'42	superior conj	-3621 May 28 j 10:26	6°♂00'08	0°12'32
evening set	-3623 Jan 01 j 05:08	22°♂25'57	minimum elong	-3621 May 28 j 07:58	5°♂52'33	0°12'30
min. Earth dist.	-3623 Jan 05 j 03:44	20°♂00'18	behind sun begin	-3621 May 27 j 18:15	5°♂10'14	
inferior conj	-3623 Jan 06 j 04:53	19°♂20'21	behind sun end	-3621 May 28 j 21:41	6°♂34'51	
minimum elong	-3623 Jan 05 j 19:53	19°♂34'40		-3621 Jun 16 j 20:14	0°♂	
morning rise	-3623 Jan 10 j 11:10	16°♂41'31	evening rise	-3621 Jul 03 j 03:52	20°♂14'58	
direct	-3623 Jan 26 j 23:59	11°♂18'55		-3621 Jul 11 j 00:03	0°♂	
greatest brilliancy	-3623 Feb 06 j 17:36	13°♂25'21		-3621 Aug 04 j 02:27	0°♂	
	-3623 Mar 04 j 05:33	0°♂		-3621 Aug 28 j 05:21	0°♂	
morning max el	-3623 Mar 16 j 22:22	11°♂30'13	desc. node	-3621 Sep 11 j 20:44	18°♂09'25	
desc. node	-3623 Mar 27 j 02:25	21°♂32'49		-3621 Sep 21 j 10:42	0°♂	
	-3623 Apr 04 j 06:40	0°≈		-3621 Oct 15 j 20:37	0°♂	
	-3623 May 01 j 17:28	0°♂		-3621 Nov 09 j 15:05	0°♂	
	-3623 May 27 j 19:21	0°♂		-3621 Dec 05 j 03:34	0°♂	
	-3623 Jun 22 j 01:40	0°♂		-3620 Jan 01 j 12:35	0°≈	
	-3623 Jul 16 j 17:38	0°♂	asc. node	-3620 Jan 02 j 17:41	1°≈♂14'34	
asc. node	-3623 Jul 18 j 00:14	1°♂34'03	evening max el	-3620 Jan 06 j 00:28	4°≈♂33'25	46°07'44
	-3623 Aug 09 j 22:41	0°♂		-3620 Feb 05 j 16:02	0°♂	
greatest brilliancy	-3623 Aug 14 j 16:33	5°♂55'45	greatest brilliancy	-3620 Feb 09 j 14:09	2°♂07'41	-4.5m
	-3623 Sep 02 j 20:28	0°♂	retrograde	-3620 Feb 24 j 13:11	6°♂05'03	
morning set	-3623 Sep 10 j 07:41	9°♂24'47	evening set	-3620 Mar 12 j 18:22	0°♂21'36	
	-3623 Sep 26 j 14:56	0°♂		-3620 Mar 13 j 08:36	30°♂	
	-3623 Oct 20 j 09:24	0°♂	inferior conj	-3620 Mar 16 j 23:12	27°≈♂43'51	7°07'29
			minimum elong	-3620 Mar 17 j 07:06	27°≈♂31'15	7°06'16
superior conj	-3623 Oct 20 j 20:29	0°♂34'57	min. Earth dist.	-3620 Mar 17 j 05:50	27°≈♂33'16	0.29313 AU
minimum elong	-3623 Oct 21 j 05:51	1°♂04'28	morning rise	-3620 Mar 21 j 19:57	24°≈♂42'37	
max. Earth dist.	-3623 Oct 24 j 02:05	4°♂39'26	direct	-3620 Apr 07 j 16:38	19°≈♂18'14	
desc. node	-3623 Nov 06 j 19:09	21°♂54'18	greatest brilliancy	-3620 Apr 20 j 15:12	22°≈♂15'22	-4.5m
	-3623 Nov 13 j 05:55	0°♂	desc. node	-3620 Apr 23 j 13:47	23°≈♂37'47	
evening rise	-3623 Dec 02 j 10:01	24°♂00'08		-3620 May 03 j 23:36	0°♂	
	-3623 Dec 07 j 05:21	0°♂	morning max el	-3620 May 26 j 14:14	19°♂10'23	45°51'23
	-3623 Dec 31 j 08:19	0°♂		-3620 Jun 06 j 12:32	0°♂	
	-3622 Jan 24 j 16:07	0°≈		-3620 Jul 04 j 06:07	0°♂	
	-3622 Feb 18 j 07:09	0°♂		-3620 Jul 30 j 02:16	0°♂	
asc. node	-3622 Feb 27 j 15:36	11°♂15'49	asc. node	-3620 Aug 14 j 12:10	18°♂31'13	
	-3622 Mar 15 j 09:09	0°♂		-3620 Aug 23 j 21:52	0°♂	
	-3622 Apr 10 j 03:53	0°♂		-3620 Sep 17 j 02:59	0°♂	
	-3622 May 07 j 03:40	0°♂		-3620 Oct 11 j 00:48	0°♂	
evening max el	-3622 May 30 j 17:29	24°♂05'46		-3620 Nov 03 j 20:44	0°♂	
	-3622 Jun 06 j 01:28	0°♂	morning set	-3620 Nov 25 j 23:51	27°♂47'41	
desc. node	-3622 Jun 19 j 10:51	11°♂13'39		-3620 Nov 27 j 18:06	0°♂	
greatest brilliancy	-3622 Jul 07 j 21:06	22°♂03'07	desc. node	-3620 Dec 04 j 07:21	8°♂12'04	
retrograde	-3622 Jul 18 j 20:54	24°♂12'25		-3620 Dec 21 j 18:18	0°♂	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3619 Jan 06 j 19:44	19° ♁ 58'48	-1°-7'-17	morning rise	-3617 Jun 01 j 15:46	0° ♁ 21'12	
minimum elong	-3619 Jan 06 j 09:13	19° ♁ 26'07	1°07'09		-3617 Jun 02 j 07:27	30° ♁	
max. Earth dist.	-3619 Jan 11 j 00:44	25° ♁ 12'18	1.72341 AU	direct	-3617 Jun 17 j 01:08	25° ♁ 49'29	
	-3619 Jan 14 j 21:28	0° ♁		greatest brilliancy	-3617 Jul 01 j 18:54	29° ♁ 35'03	-4.5m
	-3619 Feb 08 j 03:32	0° ♁			-3617 Jul 02 j 15:22	0° ♁	
evening rise	-3619 Feb 15 j 04:02	8° ♁ 39'23		morning max el	-3617 Aug 05 j 17:45	26° ♁ 56'06	46°23'02
	-3619 Mar 04 j 12:49	0° ♁			-3617 Aug 08 j 19:33	0° ♁	
asc. node	-3619 Mar 27 j 03:46	27° ♁ 38'59			-3617 Sep 05 j 12:22	0° ♁	
	-3619 Mar 29 j 02:06	0° ♁		asc. node	-3617 Sep 11 j 23:42	7° ♁ 27'34	
	-3619 Apr 22 j 20:22	0° ♁			-3617 Oct 01 j 00:14	0° ♁	
	-3619 May 17 j 21:04	0° ♁			-3617 Oct 25 j 13:57	0° ♁	
	-3619 Jun 12 j 07:12	0° ♁			-3617 Nov 18 j 19:12	0° ♁	
	-3619 Jul 08 j 10:02	0° ♁			-3617 Dec 12 j 23:02	0° ♁	
desc. node	-3619 Jul 16 j 22:40	9° ♁ 30'44		desc. node	-3616 Jan 01 j 19:30	24° ♁ 35'38	
	-3619 Aug 05 j 01:30	0° ♁			-3616 Jan 06 j 04:26	0° ♁	
evening max el	-3619 Aug 12 j 12:04	7° ♁ 31'54	47°08'34		-3616 Jan 30 j 11:54	0° ♁	
	-3619 Sep 07 j 06:19	0° ♁		morning set	-3616 Feb 10 j 13:35	13° ♁ 37'57	
greatest brilliancy	-3619 Sep 21 j 00:09	7° ♁ 44'37	-4.7m		-3616 Feb 23 j 20:54	0° ♁	
retrograde	-3619 Oct 01 j 21:31	9° ♁ 57'24					
evening set	-3619 Oct 17 j 01:48	5° ♁ 25'27		superior conj	-3616 Mar 19 j 06:13	29° ♁ 57'54	-1°-10'-1
inferior conj	-3619 Oct 22 j 10:43	2° ♁ 14'19	-3°-51'-20	minimum elong	-3616 Mar 19 j 14:25	0° ♁ 23'05	1°09'53
minimum elong	-3619 Oct 22 j 18:46	2° ♁ 01'59	3°48'58		-3616 Mar 19 j 06:54	0° ♁	
min. Earth dist.	-3619 Oct 22 j 09:30	2° ♁ 16'12	0.26364 AU	max. Earth dist.	-3616 Mar 19 j 12:29	0° ♁ 17'10	1.73622 AU
	-3619 Oct 26 j 03:58	30° ♁			-3616 Apr 12 j 17:30	0° ♁	
morning rise	-3619 Oct 28 j 11:51	28° ♁ 41'56		asc. node	-3616 Apr 23 j 16:03	13° ♁ 25'22	
asc. node	-3619 Nov 06 j 20:26	25° ♁ 09'01		evening rise	-3616 Apr 24 j 15:28	14° ♁ 37'10	
direct	-3619 Nov 11 j 16:19	24° ♁ 40'07		greatest brilliancy	-3616 Apr 26 j 12:16	16° ♁ 54'31	-3.9m
greatest brilliancy	-3619 Nov 23 j 11:13	27° ♁ 16'40	-4.7m		-3616 May 07 j 04:24	0° ♁	
	-3619 Nov 28 j 22:40	0° ♁			-3616 May 31 j 15:35	0° ♁	
morning max el	-3619 Dec 31 j 20:33	27° ♁ 18'49	46°34'02		-3616 Jun 25 j 03:39	0° ♁	
	-3618 Jan 03 j 12:34	0° ♁			-3616 Jul 19 j 18:15	0° ♁	
	-3618 Jan 31 j 11:44	0° ♁		desc. node	-3616 Aug 13 j 10:35	29° ♁ 49'08	
desc. node	-3618 Feb 26 j 17:04	29° ♁ 49'49			-3616 Aug 13 j 14:12	0° ♁	
	-3618 Feb 26 j 20:36	0° ♁			-3616 Sep 07 j 20:22	0° ♁	
	-3618 Mar 24 j 13:05	0° ♁			-3616 Oct 03 j 23:48	0° ♁	
	-3618 Apr 18 j 19:29	0° ♁		evening max el	-3616 Oct 23 j 16:09	21° ♁ 08'53	47°27'50
	-3618 May 13 j 17:47	0° ♁			-3616 Nov 01 j 14:28	0° ♁	
	-3618 Jun 07 j 08:35	0° ♁		greatest brilliancy	-3616 Nov 30 j 01:04	21° ♁ 42'32	-4.7m
asc. node	-3618 Jun 19 j 14:21	15° ♁ 03'11		asc. node	-3616 Dec 04 j 08:07	23° ♁ 31'08	
morning set	-3618 Jun 28 j 14:54	26° ♁ 12'26		retrograde	-3616 Dec 13 j 20:25	25° ♁ 17'05	
	-3618 Jul 01 j 16:18	0° ♁		evening set	-3616 Dec 29 j 17:34	20° ♁ 11'45	
	-3618 Jul 25 j 18:01	0° ♁		min. Earth dist.	-3615 Jan 02 j 18:14	17° ♁ 43'24	0.27842 AU
max. Earth dist.	-3618 Jul 31 j 21:00	7° ♁ 40'19	1.71685 AU	inferior conj	-3615 Jan 03 j 20:08	17° ♁ 02'22	6°34'15
				minimum elong	-3615 Jan 03 j 10:55	17° ♁ 16'58	6°32'22
superior conj	-3618 Aug 04 j 15:49	12° ♁ 25'05	1°20'54	morning rise	-3615 Jan 08 j 04:54	14° ♁ 20'20	
minimum elong	-3618 Aug 04 j 10:51	12° ♁ 09'33	1°20'58	direct	-3615 Jan 24 j 14:39	9° ♁ 02'08	
	-3618 Aug 18 j 15:46	0° ♁		greatest brilliancy	-3615 Feb 04 j 07:08	11° ♁ 08'14	-4.5m
	-3618 Sep 11 j 12:06	0° ♁			-3615 Mar 04 j 10:49	0° ♁	
evening rise	-3618 Sep 12 j 11:29	1° ♁ 13'30		morning max el	-3615 Mar 14 j 14:32	9° ♁ 19'31	45°57'32
	-3618 Oct 05 j 09:21	0° ♁		desc. node	-3615 Mar 26 j 04:29	20° ♁ 48'57	
desc. node	-3618 Oct 09 j 08:59	4° ♁ 59'38			-3615 Apr 04 j 00:06	0° ♁	
	-3618 Oct 29 j 09:02	0° ♁			-3615 May 01 j 07:33	0° ♁	
	-3618 Nov 22 j 12:26	0° ♁			-3615 May 27 j 07:56	0° ♁	
	-3618 Dec 16 j 21:45	0° ♁			-3615 Jun 21 j 13:29	0° ♁	
	-3617 Jan 10 j 17:50	0° ♁			-3615 Jul 16 j 05:01	0° ♁	
asc. node	-3617 Jan 30 j 05:34	22° ♁ 53'24		asc. node	-3615 Jul 17 j 02:24	1° ♁ 05'42	
	-3617 Feb 05 j 10:19	0° ♁			-3615 Aug 09 j 09:52	0° ♁	
	-3617 Mar 04 j 20:47	0° ♁		greatest brilliancy	-3615 Aug 15 j 18:57	7° ♁ 58'33	-3.9m
evening max el	-3617 Mar 17 j 18:18	12° ♁ 52'10	45°09'31		-3615 Sep 02 j 07:35	0° ♁	
	-3617 Apr 06 j 16:29	0° ♁		morning set	-3615 Sep 07 j 20:14	6° ♁ 58'00	
greatest brilliancy	-3617 Apr 21 j 07:08	8° ♁ 50'46	-4.5m		-3615 Sep 26 j 02:04	0° ♁	
retrograde	-3617 May 04 j 23:41	12° ♁ 06'24					
evening set	-3617 May 19 j 21:34	7° ♁ 53'12		superior conj	-3615 Oct 18 j 05:45	27° ♁ 57'43	0°41'49
desc. node	-3617 May 22 j 01:22	6° ♁ 41'20		minimum elong	-3615 Oct 18 j 15:41	28° ♁ 29'01	0°41'24
inferior conj	-3617 May 26 j 09:17	4° ♁ 04'54	-1°00'-24		-3615 Oct 19 j 20:33	0° ♁	
minimum elong	-3617 May 26 j 07:04	4° ♁ 08'20	0°59'42	max. Earth dist.	-3615 Oct 21 j 09:31	1° ♁ 56'30	1.70927 AU
min. Earth dist.	-3617 May 26 j 22:58	3° ♁ 43'50	0.28663 AU	desc. node	-3615 Nov 05 j 21:18	21° ♁ 26'06	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3615 Nov 12 j 17:03	0°♌		desc. node	-3612 Apr 22 j 15:55	22°≈14'13	
evening rise	-3615 Nov 29 j 19:39	21°♌25'29			-3612 May 04 j 13:45	0°♋	
	-3615 Dec 06 j 16:29	0°♊		morning max el	-3612 May 24 j 05:27	16°♋59'38	45°50'46
	-3615 Dec 30 j 19:29	0°♊			-3612 Jun 06 j 06:51	0°♎	
	-3614 Jan 24 j 03:25	0°≈			-3612 Jul 03 j 20:26	0°♍	
	-3614 Feb 17 j 18:48	0°♋			-3612 Jul 29 j 15:00	0°♊	
asc. node	-3614 Feb 26 j 17:37	10°♋46'19		asc. node	-3612 Aug 13 j 14:09	18°♊00'10	
	-3614 Mar 14 j 21:31	0°♎			-3612 Aug 23 j 09:50	0°♎	
	-3614 Apr 09 j 17:43	0°♍			-3612 Sep 16 j 14:33	0°♎	
	-3614 May 06 j 20:44	0°♊			-3612 Oct 10 j 12:08	0°♎	
evening max el	-3614 May 28 j 08:22	21°♊50'33	45°39'12		-3612 Nov 03 j 07:54	0°♎	
	-3614 Jun 06 j 04:59	0°♎		morning set	-3612 Nov 23 j 09:23	25°♎12'20	
desc. node	-3614 Jun 18 j 13:06	10°♎02'31			-3612 Nov 27 j 05:11	0°♌	
greatest brilliancy	-3614 Jul 05 j 08:09	19°♎40'17	-4.5m	desc. node	-3612 Dec 03 j 09:29	7°♌44'11	
retrograde	-3614 Jul 16 j 09:37	21°♎50'37			-3612 Dec 21 j 05:18	0°♊	
evening set	-3614 Aug 02 j 20:13	16°♎11'09					
inferior conj	-3614 Aug 06 j 07:54	14°♎06'09	-8°-38'-20	superior conj	-3611 Jan 04 j 07:23	17°♊31'56	-1°-5'-1
minimum elong	-3614 Aug 06 j 02:55	14°♎13'42	8°37'52	minimum elong	-3611 Jan 03 j 20:34	16°♊58'22	1°04'50
min. Earth dist.	-3614 Aug 06 j 16:15	13°♎53'31	0.27448 AU	max. Earth dist.	-3611 Jan 08 j 14:46	22°♊53'01	1.72279 AU
morning rise	-3614 Aug 09 j 09:30	12°♎15'43			-3611 Jan 14 j 08:23	0°♎	
direct	-3614 Aug 27 j 07:45	6°♎15'20			-3611 Feb 07 j 14:22	0°≈	
greatest brilliancy	-3614 Sep 10 j 01:38	9°♎42'30	-4.6m	evening rise	-3611 Feb 12 j 18:59	6°≈24'11	
	-3614 Oct 07 j 06:26	0°♎			-3611 Mar 03 j 23:41	0°♋	
asc. node	-3614 Oct 09 j 11:12	2°♎05'40		asc. node	-3611 Mar 26 j 05:57	27°♋12'06	
morning max el	-3614 Oct 17 j 02:26	9°♎41'30	46°51'57		-3611 Mar 28 j 13:08	0°♎	
	-3614 Nov 04 j 22:48	0°♎			-3611 Apr 22 j 07:48	0°♍	
	-3614 Nov 30 j 21:42	0°♎			-3611 May 17 j 09:14	0°♊	
	-3614 Dec 26 j 00:43	0°♌			-3611 Jun 11 j 20:39	0°♎	
	-3613 Jan 19 j 21:25	0°♊			-3611 Jul 08 j 01:49	0°♎	
desc. node	-3613 Jan 29 j 07:23	11°♊23'20		desc. node	-3611 Jul 16 j 00:39	8°♎49'25	
	-3613 Feb 13 j 16:06	0°♎			-3611 Aug 04 j 22:52	0°♎	
	-3613 Mar 10 j 09:27	0°≈		evening max el	-3611 Aug 10 j 00:00	5°♎04'06	47°05'51
	-3613 Apr 04 j 01:02	0°♋			-3611 Sep 08 j 11:02	0°♎	
morning set	-3613 Apr 20 j 09:03	19°♋56'53		greatest brilliancy	-3611 Sep 18 j 14:53	5°♎17'09	-4.7m
	-3613 Apr 28 j 14:10	0°♎		retrograde	-3611 Sep 29 j 09:01	7°♎27'17	
asc. node	-3613 May 22 j 04:24	28°♎58'55		evening set	-3611 Oct 14 j 16:35	2°♎51'46	
max. Earth dist.	-3613 May 22 j 20:25	29°♎48'15	1.73361 AU	inferior conj	-3611 Oct 19 j 22:51	29°♎44'56	-4°-13'-18
	-3613 May 23 j 00:14	0°♍		minimum elong	-3611 Oct 20 j 07:31	29°♎31'42	4°10'49
					-3611 Oct 19 j 13:00	30°♎	
superior conj	-3613 May 26 j 05:31	3°♍58'06	0°09'31	min. Earth dist.	-3611 Oct 19 j 23:18	29°♎44'15	0.26368 AU
minimum elong	-3613 May 26 j 03:38	3°♍52'18	0°09'31	morning rise	-3611 Oct 25 j 22:24	26°♎14'43	
behind sun begin	-3613 May 25 j 09:47	2°♍57'16		asc. node	-3611 Nov 05 j 22:38	22°♎23'21	
behind sun end	-3613 May 26 j 21:30	4°♍47'21		direct	-3611 Nov 09 j 04:01	22°♎10'28	
	-3613 Jun 16 j 06:59	0°♊		greatest brilliancy	-3611 Nov 21 j 02:33	24°♎50'41	-4.7m
evening rise	-3613 Jun 30 j 22:06	18°♊08'47			-3611 Nov 30 j 12:14	0°♎	
	-3613 Jul 10 j 10:59	0°♎		morning max el	-3611 Dec 29 j 09:26	24°♎53'03	46°35'21
	-3613 Aug 03 j 13:38	0°♎			-3610 Jan 03 j 10:20	0°♌	
	-3613 Aug 27 j 16:51	0°♎			-3610 Jan 31 j 03:41	0°♊	
desc. node	-3613 Sep 10 j 22:46	17°♎39'21		desc. node	-3610 Feb 25 j 19:05	29°♊16'17	
	-3613 Sep 20 j 22:37	0°♎			-3610 Feb 26 j 10:10	0°♎	
	-3613 Oct 15 j 09:08	0°♌			-3610 Mar 24 j 01:23	0°≈	
	-3613 Nov 09 j 04:32	0°♊			-3610 Apr 18 j 07:01	0°♋	
	-3613 Dec 04 j 18:50	0°♎			-3610 May 13 j 04:51	0°♎	
	-3612 Jan 01 j 08:47	0°≈			-3610 Jun 06 j 19:25	0°♍	
asc. node	-3612 Jan 01 j 19:52	0°≈28'06		asc. node	-3610 Jun 18 j 16:30	14°♍36'39	
evening max el	-3612 Jan 03 j 15:44	2°≈18'29	46°10'47	morning set	-3610 Jun 26 j 08:34	24°♍05'16	
	-3612 Feb 07 j 07:05	0°♋			-3610 Jul 01 j 03:03	0°♊	
greatest brilliancy	-3612 Feb 07 j 08:28	0°♋01'43	-4.5m		-3610 Jul 25 j 04:48	0°♎	
retrograde	-3612 Feb 22 j 05:57	3°♋58'09		max. Earth dist.	-3610 Jul 29 j 13:06	5°♎26'33	1.71748 AU
	-3612 Mar 07 j 09:50	30°♎					
evening set	-3612 Mar 10 j 13:44	28°≈11'29		superior conj	-3610 Aug 02 j 07:34	10°♎10'04	1°19'54
inferior conj	-3612 Mar 14 j 16:23	25°≈36'49	7°16'46	minimum elong	-3610 Aug 02 j 02:00	9°♎52'37	1°19'58
minimum elong	-3612 Mar 14 j 23:56	25°≈24'46	7°15'41		-3610 Aug 18 j 02:39	0°♎	
min. Earth dist.	-3612 Mar 14 j 22:13	25°≈27'31	0.29301 AU	evening rise	-3610 Sep 09 j 23:03	28°♎44'15	
morning rise	-3612 Mar 19 j 10:14	22°≈39'30			-3610 Sep 10 j 23:09	0°♎	
direct	-3612 Apr 05 j 09:12	17°≈11'34			-3610 Oct 04 j 20:35	0°♎	
greatest brilliancy	-3612 Apr 18 j 04:59	20°≈05'15	-4.5m	desc. node	-3610 Oct 08 j 11:09	4°♎31'11	

	-3610 Oct 28 j 20:28	0°♌			-3607 Apr 30 j 21:33	0°♐		
	-3610 Nov 22 j 00:05	0°♐			-3607 May 26 j 20:29	0°♑		
	-3610 Dec 16 j 09:47	0°♑			-3607 Jun 21 j 01:16	0°♒		
	-3609 Jan 10 j 06:36	0°♒			-3607 Jul 15 j 16:23	0°♓		
asc. node	-3609 Jan 29 j 07:34	22°♒19'15		asc. node	-3607 Jul 16 j 04:24	0°♓37'00		
	-3609 Feb 05 j 00:40	0°♐			-3607 Aug 08 j 21:00	0°♑		
	-3609 Mar 04 j 15:17	0°♑		greatest brilliancy	-3607 Aug 16 j 17:47	9°♑50'25	-3.9m	
evening max el	-3609 Mar 15 j 10:03	10°♑42'05	45°10'20		-3607 Sep 01 j 18:39	0°♒		
	-3609 Apr 07 j 08:26	0°♒		morning set	-3607 Sep 05 j 09:19	4°♒33'05		
greatest brilliancy	-3609 Apr 18 j 20:10	6°♒38'46	-4.5m		-3607 Sep 25 j 13:09	0°♑		
retrograde	-3609 May 02 j 16:05	9°♒57'45						
evening set	-3609 May 17 j 13:52	5°♒43'28		superior conj	-3607 Oct 15 j 15:28	25°♑22'00	0°45'12	
desc. node	-3609 May 21 j 03:32	3°♒41'33		minimum elong	-3607 Oct 16 j 01:52	25°♑54'47	0°44'47	
inferior conj	-3609 May 24 j 01:13	1°♒55'20	0°-40'-32	max. Earth dist.	-3607 Oct 18 j 16:15	29°♑11'23	1.70912 AU	
minimum elong	-3609 May 23 j 23:44	1°♒57'38	0°40'03		-3607 Oct 19 j 07:40	0°♑		
min. Earth dist.	-3609 May 24 j 14:56	1°♒34'12	0.28699 AU	desc. node	-3607 Nov 04 j 23:26	20°♑57'47		
	-3609 May 27 j 04:41	30°♑			-3607 Nov 12 j 04:13	0°♌		
morning rise	-3609 May 30 j 08:54	28°♑10'11		evening rise	-3607 Nov 27 j 05:01	18°♌49'42		
direct	-3609 Jun 14 j 17:43	23°♑39'13			-3607 Dec 06 j 03:42	0°♐		
greatest brilliancy	-3609 Jun 29 j 11:40	27°♑25'35	-4.5m		-3607 Dec 30 j 06:48	0°♑		
	-3609 Jul 04 j 07:08	0°♒			-3606 Jan 23 j 14:55	0°♒		
morning max el	-3609 Aug 03 j 10:06	24°♒44'13	46°21'39		-3606 Feb 17 j 06:40	0°♐		
	-3609 Aug 08 j 16:03	0°♓		asc. node	-3606 Feb 25 j 19:48	10°♐16'42		
	-3609 Sep 05 j 03:40	0°♑			-3606 Mar 14 j 10:08	0°♑		
asc. node	-3609 Sep 11 j 01:55	6°♑51'13			-3606 Apr 09 j 07:52	0°♒		
	-3609 Sep 30 j 13:38	0°♒			-3606 May 06 j 14:22	0°♓		
	-3609 Oct 25 j 02:27	0°♑		evening max el	-3606 May 25 j 22:22	19°♓32'47	45°36'43	
	-3609 Nov 18 j 07:11	0°♑			-3606 Jun 06 j 10:33	0°♑		
	-3609 Dec 12 j 10:39	0°♌		desc. node	-3606 Jun 17 j 15:09	8°♑48'26		
desc. node	-3609 Dec 31 j 21:34	24°♌06'50		greatest brilliancy	-3606 Jul 02 j 20:16	17°♑18'20	-4.5m	
	-3608 Jan 05 j 15:46	0°♐		retrograde	-3606 Jul 13 j 21:57	19°♑28'50		
	-3608 Jan 29 j 22:58	0°♑		evening set	-3606 Jul 31 j 05:56	13°♑54'35		
morning set	-3608 Feb 08 j 03:47	11°♑20'03		inferior conj	-3606 Aug 03 j 21:11	11°♑44'15	-8°-32'-3	
	-3608 Feb 23 j 07:48	0°♒		minimum elong	-3606 Aug 03 j 15:24	11°♑53'01	8°31'27	
				min. Earth dist.	-3606 Aug 04 j 05:28	11°♑31'41	0.27489 AU	
superior conj	-3608 Mar 16 j 23:34	27°♒50'39	-1°-11'-43	morning rise	-3606 Aug 07 j 00:42	9°♑50'43		
minimum elong	-3608 Mar 17 j 07:33	28°♒15'08	1°11'37	direct	-3606 Aug 24 j 21:33	3°♑52'45		
max. Earth dist.	-3608 Mar 17 j 10:00	28°♒22'41	1.73601 AU	greatest brilliancy	-3606 Sep 07 j 16:04	7°♑19'42	-4.6m	
	-3608 Mar 18 j 17:42	0°♐			-3606 Oct 07 j 09:01	0°♒		
	-3608 Apr 12 j 04:18	0°♑		asc. node	-3606 Oct 08 j 13:22	1°♒08'47		
evening rise	-3608 Apr 22 j 10:32	12°♑35'15		morning max el	-3606 Oct 14 j 14:45	7°♒12'30	46°51'40	
asc. node	-3608 Apr 22 j 18:16	12°♑58'58			-3606 Nov 04 j 16:18	0°♑		
greatest brilliancy	-3608 Apr 26 j 21:37	18°♑03'33	-3.9m		-3606 Nov 30 j 12:17	0°♑		
	-3608 May 06 j 15:19	0°♒			-3606 Dec 25 j 13:54	0°♌		
	-3608 May 31 j 02:44	0°♓			-3605 Jan 19 j 09:46	0°♐		
	-3608 Jun 24 j 15:12	0°♑		desc. node	-3605 Jan 28 j 09:25	10°♐52'47		
	-3608 Jul 19 j 06:24	0°♒			-3605 Feb 13 j 03:54	0°♑		
desc. node	-3608 Aug 12 j 12:40	29°♒16'09			-3605 Mar 09 j 20:51	0°♒		
	-3608 Aug 13 j 03:18	0°♑			-3605 Apr 03 j 12:09	0°♐		
	-3608 Sep 07 j 10:59	0°♑		morning set	-3605 Apr 18 j 03:39	17°♐53'23		
	-3608 Oct 03 j 17:27	0°♌			-3605 Apr 28 j 01:07	0°♑		
evening max el	-3608 Oct 21 j 08:27	18°♌50'59	47°29'04	max. Earth dist.	-3605 May 20 j 15:41	27°♑46'14	1.73399 AU	
	-3608 Nov 01 j 17:26	0°♐		asc. node	-3605 May 21 j 06:27	28°♑31'39		
greatest brilliancy	-3608 Nov 27 j 17:52	19°♐23'30	-4.7m		-3605 May 22 j 11:09	0°♒		
asc. node	-3608 Dec 03 j 10:16	21°♐39'02						
retrograde	-3608 Dec 11 j 12:18	22°♐56'18		superior conj	-3605 May 24 j 00:16	1°♒54'22	0°06'29	
evening set	-3608 Dec 27 j 05:36	17°♐55'43		minimum elong	-3605 May 23 j 23:00	1°♒50'25	0°06'29	
min. Earth dist.	-3608 Dec 31 j 08:18	15°♐24'28	0.27765 AU	behind sun begin	-3605 May 23 j 02:40	0°♒47'47		
inferior conj	-3607 Jan 01 j 10:53	14°♐42'23	6°20'52	behind sun end	-3605 May 24 j 19:20	2°♒53'04		
minimum elong	-3607 Jan 01 j 01:33	14°♐57'10	6°18'52		-3605 Jun 15 j 17:59	0°♓		
morning rise	-3607 Jan 05 j 22:13	11°♐56'59		evening rise	-3605 Jun 28 j 16:16	16°♓01'44		
direct	-3607 Jan 22 j 05:11	6°♐43'37			-3605 Jul 09 j 22:10	0°♑		
greatest brilliancy	-3607 Feb 01 j 19:42	8°♐48'32	-4.5m		-3605 Aug 03 j 01:05	0°♒		
	-3607 Mar 04 j 14:33	0°♑			-3605 Aug 27 j 04:37	0°♑		
morning max el	-3607 Mar 12 j 05:54	7°♑06'23	45°58'24	desc. node	-3605 Sep 10 j 00:58	17°♑09'05		
desc. node	-3607 Mar 25 j 06:45	20°♑05'45			-3605 Sep 20 j 10:46	0°♑		
	-3607 Apr 03 j 17:16	0°♒			-3605 Oct 14 j 21:52	0°♌		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3605 Nov 08 j 18:13	0°♊					-3602 Apr 17 j 18:49	0°♋			
	-3605 Dec 04 j 10:29	0°♌					-3602 May 12 j 16:16	0°♍			
asc. node	-3605 Dec 31 j 21:52	29°♌39'44					-3602 Jun 06 j 06:37	0°♎			
evening max el	-3604 Jan 01 j 05:58	0°≈00'05	46°13'39		asc. node		-3602 Jun 17 j 18:32	14°♏08'34			
	-3604 Jan 01 j 05:57	0°≈			morning set		-3602 Jun 24 j 02:04	21°♏56'32			
greatest brilliancy	-3604 Feb 05 j 01:40	27°≈52'49	-4.5m				-3602 Jun 30 j 14:10	0°♐			
	-3604 Feb 10 j 00:47	0°♋					-3602 Jul 24 j 15:55	0°♑			
retrograde	-3604 Feb 19 j 22:32	1°♋49'41			max. Earth dist.		-3602 Jul 27 j 04:14	3°♑08'44	1.71806 AU		
	-3604 Feb 29 j 11:01	30°♌≈									
evening set	-3604 Mar 08 j 08:48	25°≈59'37			superior conj		-3602 Jul 30 j 23:11	7°♑53'33	1°18'47		
inferior conj	-3604 Mar 12 j 09:24	23°≈28'02	7°25'31		minimum elong		-3602 Jul 30 j 17:04	7°♑34'23	1°18'50		
minimum elong	-3604 Mar 12 j 16:32	23°≈16'38	7°24'34				-3602 Aug 17 j 13:52	0°♒			
min. Earth dist.	-3604 Mar 12 j 14:31	23°≈19'51	0.29292 AU		evening rise		-3602 Sep 07 j 10:38	26°♒14'03			
morning rise	-3604 Mar 17 j 00:20	20°≈34'47					-3602 Sep 10 j 10:32	0°♓			
direct	-3604 Apr 03 j 01:17	15°≈02'55					-3602 Oct 04 j 08:09	0°♑			
greatest brilliancy	-3604 Apr 15 j 19:52	17°≈54'48	-4.5m		desc. node		-3602 Oct 07 j 13:13	4°♑01'24			
desc. node	-3604 Apr 21 j 18:03	20°≈51'44					-3602 Oct 28 j 08:13	0°♒			
	-3604 May 05 j 01:00	0°♋					-3602 Nov 21 j 12:04	0°♊			
morning max el	-3604 May 21 j 20:41	14°♋47'32	45°50'17				-3602 Dec 15 j 22:08	0°♌			
	-3604 Jun 06 j 01:12	0°♍					-3601 Jan 09 j 19:41	0°≈			
	-3604 Jul 03 j 10:59	0°♎			asc. node		-3601 Jan 28 j 09:49	21°≈44'54			
	-3604 Jul 29 j 03:59	0°♐					-3601 Feb 04 j 15:25	0°♋			
asc. node	-3604 Aug 12 j 16:21	17°♐28'57					-3601 Mar 04 j 10:30	0°♍			
	-3604 Aug 22 j 22:04	0°♑			evening max el		-3601 Mar 13 j 02:24	8°♍32'53	45°11'07		
	-3604 Sep 16 j 02:23	0°♒					-3601 Apr 08 j 06:28	0°♎			
	-3604 Oct 09 j 23:44	0°♓			greatest brilliancy		-3601 Apr 16 j 10:01	4°♎27'06	-4.5m		
	-3604 Nov 02 j 19:21	0°♑			retrograde		-3601 Apr 30 j 08:22	7°♎48'07			
morning set	-3604 Nov 20 j 19:15	22°♑37'06			evening set		-3601 May 15 j 06:22	3°♎32'48			
	-3604 Nov 26 j 16:30	0°♒			desc. node		-3601 May 20 j 05:35	0°♎39'32			
desc. node	-3604 Dec 02 j 11:30	7°♒15'13					-3601 May 21 j 07:19	30°♏♍			
	-3604 Dec 20 j 16:31	0°♊			inferior conj		-3601 May 21 j 17:09	29°♏44'49	0°-20'-40		
superior conj	-3603 Jan 01 j 19:12	15°♊04'53	-1°-2'-37		minimum elong		-3601 May 21 j 16:23	29°♏45'59	0°20'23		
minimum elong	-3603 Jan 01 j 08:11	14°♊30'38	1°02'24		min. Earth dist.		-3601 May 22 j 06:47	29°♏23'47	0.28740 AU		
max. Earth dist.	-3603 Jan 06 j 03:41	20°♊29'30	1.72219 AU		morning rise		-3601 May 28 j 01:51	25°♏58'14			
	-3603 Jan 13 j 19:31	0°♌			direct		-3601 Jun 12 j 10:35	21°♏28'05			
	-3603 Feb 07 j 01:28	0°≈			greatest brilliancy		-3601 Jun 27 j 03:41	25°♏14'01	-4.5m		
evening rise	-3603 Feb 10 j 09:59	4°≈08'14					-3601 Jul 05 j 11:28	0°♎			
	-3603 Mar 03 j 10:51	0°♋			morning max el		-3601 Aug 01 j 02:23	22°♎31'09	46°20'12		
asc. node	-3603 Mar 25 j 08:05	26°♋43'58					-3601 Aug 08 j 12:23	0°♐			
	-3603 Mar 28 j 00:33	0°♍			asc. node		-3601 Sep 04 j 19:09	0°♑			
	-3603 Apr 21 j 19:40	0°♎					-3601 Sep 10 j 04:07	6°♑13'58			
	-3603 May 16 j 21:53	0°♐					-3601 Sep 30 j 03:16	0°♒			
	-3603 Jun 11 j 10:37	0°♑					-3601 Oct 24 j 15:11	0°♓			
	-3603 Jun 07 j 18:18	0°♒					-3601 Nov 17 j 19:23	0°♑			
desc. node	-3603 Jul 15 j 02:46	8°♒06'51			desc. node		-3601 Dec 11 j 22:30	0°♒			
	-3603 Jul 15 j 02:46	8°♒06'51					-3601 Dec 30 j 23:36	23°♒37'15			
	-3603 Aug 04 j 21:29	0°♓					-3600 Jan 05 j 03:18	0°♊			
evening max el	-3603 Aug 07 j 11:58	2°♓35'31	47°03'13				-3600 Jan 29 j 10:15	0°♌			
	-3603 Sep 10 j 04:58	0°♑			morning set		-3600 Feb 05 j 18:04	9°♌01'40			
greatest brilliancy	-3603 Sep 16 j 04:31	2°♑47'20	-4.7m				-3600 Feb 22 j 18:53	0°≈			
retrograde	-3603 Sep 26 j 20:54	4°♑56'04									
evening set	-3603 Oct 12 j 07:23	0°♑16'28			superior conj		-3600 Mar 14 j 17:04	25°≈43'15	-1°-13'-19		
	-3603 Oct 12 j 19:09	30°♒♓			minimum elong		-3600 Mar 15 j 00:45	26°≈06'52	1°13'13		
inferior conj	-3603 Oct 17 j 10:50	27°♓14'04	-4°-34'-54		max. Earth dist.		-3600 Mar 15 j 09:04	26°≈32'25	1.73576 AU		
minimum elong	-3603 Oct 17 j 20:02	27°♓00'03	4°32'19				-3600 Mar 18 j 04:40	0°♋			
min. Earth dist.	-3603 Oct 17 j 12:36	27°♓11'22	0.26374 AU				-3600 Apr 11 j 15:16	0°♍			
morning rise	-3603 Oct 23 j 08:36	23°♓46'41			evening rise		-3600 Apr 20 j 05:45	10°♍33'19			
asc. node	-3603 Nov 05 j 00:45	19°♓42'37			asc. node		-3600 Apr 21 j 20:18	12°♍31'29			
direct	-3603 Nov 06 j 15:58	19°♓39'18			greatest brilliancy		-3600 Apr 27 j 04:48	19°♍05'23	-3.9m		
greatest brilliancy	-3603 Nov 18 j 17:25	22°♓23'01	-4.7m				-3600 May 06 j 02:25	0°♎			
	-3603 Dec 01 j 15:17	0°♑					-3600 May 30 j 14:07	0°♐			
morning max el	-3603 Dec 26 j 23:13	22°♑28'36	46°36'50				-3600 Jun 24 j 03:02	0°♑			
	-3602 Jan 03 j 07:38	0°♒					-3600 Jul 18 j 18:55	0°♒			
	-3602 Jan 30 j 19:38	0°♊			desc. node		-3600 Aug 11 j 14:51	28°♒42'24			
desc. node	-3602 Feb 24 j 21:21	28°♊43'01					-3600 Aug 12 j 16:48	0°♓			
	-3602 Feb 25 j 23:52	0°♌					-3600 Sep 07 j 02:05	0°♑			
	-3602 Mar 23 j 13:53	0°≈					-3600 Oct 03 j 11:46	0°♒			

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3600 Oct 19 j 00:38	16° \mathbb{M} 32'00	47°30'16	max. Earth dist.	-3597 May 18 j 12:30	25° Υ 49'17	1.73434 AU
	-3600 Nov 01 j 22:23	0° \mathcal{Z}		asc. node	-3597 May 20 j 08:33	28° Υ 04'51	
greatest brilliancy	-3600 Nov 25 j 11:37	17° \mathcal{Z} 04'57	-4.7m				
asc. node	-3600 Dec 02 j 12:19	19° \mathcal{Z} 41'51		superior conj	-3597 May 21 j 19:27	29° Υ 52'18	0°03'27
retrograde	-3600 Dec 09 j 03:55	20° \mathcal{Z} 34'31		minimum elong	-3597 May 21 j 18:45	29° Υ 50'10	0°03'29
evening set	-3600 Dec 24 j 17:45	15° \mathcal{Z} 38'52		behind sun begin	-3597 May 20 j 21:07	28° Υ 43'33	
min. Earth dist.	-3600 Dec 28 j 22:37	13° \mathcal{Z} 04'24	0.27683 AU	behind sun end	-3597 May 22 j 16:23	0° \mathcal{B} 56'49	
inferior conj	-3600 Dec 30 j 01:37	12° \mathcal{Z} 21'41	6°06'48		-3597 May 21 j 21:56	0° \mathcal{B}	
minimum elong	-3600 Dec 29 j 16:14	12° \mathcal{Z} 36'32	6°04'42		-3597 Jun 15 j 04:51	0° \mathbb{I}	
morning rise	-3599 Jan 03 j 15:30	9° \mathcal{Z} 32'41		evening rise	-3597 Jun 26 j 11:00	13° \mathbb{I} 57'01	
direct	-3599 Jan 19 j 19:39	4° \mathcal{Z} 24'30			-3597 Jul 09 j 09:13	0° \mathcal{E}	
greatest brilliancy	-3599 Jan 30 j 08:12	6° \mathcal{Z} 27'57	-4.6m		-3597 Aug 02 j 12:24	0° \mathcal{Q}	
	-3599 Mar 04 j 16:53	0° \mathcal{Z}			-3597 Aug 26 j 16:18	0° \mathbb{M}	
morning max el	-3599 Mar 09 j 20:30	4° \mathcal{Z} 50'51	45°59'25	desc. node	-3597 Sep 09 j 03:01	16° \mathbb{M} 38'30	
desc. node	-3599 Mar 24 j 08:45	19° \mathcal{Z} 22'15			-3597 Sep 19 j 22:56	0° \mathcal{E}	
	-3599 Apr 03 j 10:12	0° \approx			-3597 Oct 14 j 10:40	0° \mathbb{M}	
	-3599 Apr 30 j 11:29	0° \mathcal{H}			-3597 Nov 08 j 08:04	0° \mathcal{Z}	
	-3599 May 26 j 09:01	0° Υ			-3597 Dec 04 j 02:24	0° \mathcal{Z}	
	-3599 Jun 20 j 13:04	0° \mathcal{B}		evening max el	-3597 Dec 29 j 20:03	27° \mathcal{Z} 41'11	46°16'49
asc. node	-3599 Jul 15 j 06:37	0° \mathbb{I} 08'36		asc. node	-3597 Dec 31 j 00:06	28° \mathcal{Z} 51'13	
	-3599 Jul 15 j 03:49	0° \mathbb{I}			-3596 Jan 01 j 03:53	0° \approx	
	-3599 Aug 08 j 08:18	0° \mathcal{E}		greatest brilliancy	-3596 Feb 02 j 17:58	25° \approx 42'49	-4.5m
greatest brilliancy	-3599 Aug 17 j 16:13	11° \mathcal{E} 40'37	-3.9m	retrograde	-3596 Feb 17 j 15:34	29° \approx 41'37	
	-3599 Sep 01 j 05:55	0° \mathcal{Q}		evening set	-3596 Mar 06 j 03:46	23° \approx 48'02	
morning set	-3599 Sep 02 j 22:13	2° \mathcal{Q} 06'59		inferior conj	-3596 Mar 10 j 02:25	21° \approx 19'31	7°33'44
	-3599 Sep 25 j 00:25	0° \mathbb{M}		minimum elong	-3596 Mar 10 j 09:07	21° \approx 08'50	7°32'53
				min. Earth dist.	-3596 Mar 10 j 06:41	21° \approx 12'43	0.29279 AU
superior conj	-3599 Oct 13 j 01:02	22° \mathbb{M} 45'17	0°48'30	morning rise	-3596 Mar 14 j 14:31	18° \approx 30'31	
minimum elong	-3599 Oct 13 j 11:48	23° \mathbb{M} 19'15	0°48'06	direct	-3596 Mar 31 j 17:17	12° \approx 54'32	
max. Earth dist.	-3599 Oct 15 j 18:43	26° \mathbb{M} 12'19	1.70895 AU	greatest brilliancy	-3596 Apr 13 j 11:20	15° \approx 45'37	-4.5m
	-3599 Oct 18 j 18:58	0° \mathcal{E}		desc. node	-3596 Apr 20 j 20:07	19° \approx 32'15	
desc. node	-3599 Nov 04 j 01:26	20° \mathcal{E} 28'32			-3596 May 05 j 09:03	0° \mathcal{H}	
	-3599 Nov 11 j 15:32	0° \mathbb{M}		morning max el	-3596 May 19 j 12:45	12° \mathcal{H} 38'09	45°50'00
evening rise	-3599 Nov 24 j 14:00	16° \mathbb{M} 12'16			-3596 Jun 05 j 18:52	0° Υ	
	-3599 Dec 05 j 15:02	0° \mathcal{Z}			-3596 Jul 03 j 01:06	0° \mathcal{B}	
	-3599 Dec 29 j 18:13	0° \mathcal{Z}			-3596 Jul 28 j 16:37	0° \mathbb{I}	
	-3598 Jan 23 j 02:30	0° \approx		asc. node	-3596 Aug 11 j 18:31	16° \mathbb{I} 58'35	
	-3598 Feb 16 j 18:37	0° \mathcal{H}			-3596 Aug 22 j 09:59	0° \mathcal{E}	
asc. node	-3598 Feb 24 j 21:58	9° \mathcal{H} 46'45			-3596 Sep 15 j 13:56	0° \mathcal{Q}	
	-3598 Mar 13 j 22:50	0° Υ			-3596 Oct 09 j 11:06	0° \mathbb{M}	
	-3598 Apr 08 j 22:08	0° \mathcal{B}			-3596 Nov 02 j 06:36	0° \mathcal{E}	
	-3598 May 06 j 08:17	0° \mathbb{I}		morning set	-3596 Nov 18 j 04:47	20° \mathcal{E} 01'12	
evening max el	-3598 May 23 j 11:42	17° \mathbb{I} 13'54	45°34'19		-3596 Nov 26 j 03:42	0° \mathbb{M}	
	-3598 Jun 06 j 18:07	0° \mathcal{E}		desc. node	-3596 Dec 01 j 13:39	6° \mathbb{M} 47'00	
desc. node	-3598 Jun 16 j 17:13	7° \mathcal{E} 32'45			-3596 Dec 20 j 03:38	0° \mathcal{Z}	
greatest brilliancy	-3598 Jun 30 j 08:11	14° \mathcal{E} 56'53	-4.5m				
retrograde	-3598 Jul 11 j 10:18	17° \mathcal{E} 08'09		superior conj	-3596 Dec 30 j 06:17	12° \mathcal{Z} 35'43	-1°00'-2
evening set	-3598 Jul 28 j 15:36	11° \mathcal{E} 39'01		minimum elong	-3596 Dec 29 j 19:08	12° \mathcal{Z} 01'00	0°59'48
inferior conj	-3598 Aug 01 j 10:41	9° \mathcal{E} 23'12	-8°-24'-52	max. Earth dist.	-3595 Jan 03 j 13:49	17° \mathcal{Z} 57'35	1.72158 AU
minimum elong	-3598 Aug 01 j 04:09	9° \mathcal{E} 33'07	8°24'06		-3595 Jan 13 j 06:32	0° \mathcal{Z}	
min. Earth dist.	-3598 Aug 01 j 19:08	9° \mathcal{E} 10'21	0.27539 AU		-3595 Feb 06 j 12:26	0° \approx	
morning rise	-3598 Aug 04 j 16:29	7° \mathcal{E} 26'09		evening rise	-3595 Feb 08 j 00:23	1° \approx 50'54	
direct	-3598 Aug 22 j 11:14	1° \mathcal{E} 30'38			-3595 Mar 02 j 21:51	0° \mathcal{H}	
greatest brilliancy	-3598 Sep 05 j 08:00	4° \mathcal{E} 59'08	-4.6m	asc. node	-3595 Mar 24 j 10:06	26° \mathcal{H} 16'04	
	-3598 Oct 07 j 10:22	0° \mathcal{Q}			-3595 Mar 27 j 11:46	0° Υ	
asc. node	-3598 Oct 07 j 15:25	0° \mathcal{Q} 12'29			-3595 Apr 21 j 07:21	0° \mathcal{B}	
morning max el	-3598 Oct 12 j 03:10	4° \mathcal{Q} 43'25	46°51'14		-3595 May 16 j 10:20	0° \mathbb{I}	
	-3598 Nov 04 j 09:36	0° \mathbb{M}			-3595 Jun 11 j 00:25	0° \mathcal{E}	
	-3598 Nov 30 j 02:51	0° \mathcal{E}			-3595 Jul 07 j 10:40	0° \mathcal{Q}	
	-3598 Dec 25 j 03:04	0° \mathbb{M}		desc. node	-3595 Jul 14 j 05:00	7° \mathcal{Q} 25'18	
	-3597 Jan 18 j 22:06	0° \mathcal{Z}			-3595 Aug 04 j 20:30	0° \mathbb{M}	
desc. node	-3597 Jan 27 j 11:39	10° \mathcal{Z} 22'57		evening max el	-3595 Aug 05 j 00:55	0° \mathbb{M} 10'54	47°00'36
	-3597 Feb 12 j 15:39	0° \mathcal{Z}			-3595 Sep 12 j 22:35	0° \mathcal{E}	
	-3597 Mar 09 j 08:11	0° \approx		greatest brilliancy	-3595 Sep 13 j 17:10	0° \mathcal{E} 18'15	-4.7m
	-3597 Apr 02 j 23:12	0° \mathcal{H}		retrograde	-3595 Sep 24 j 09:29	2° \mathcal{E} 26'35	
morning set	-3597 Apr 15 j 22:26	15° \mathcal{H} 50'36			-3595 Oct 05 j 08:35	30° \mathcal{R} \mathbb{M}	
	-3597 Apr 27 j 11:59	0° Υ		evening set	-3595 Oct 09 j 22:25	27° \mathbb{M} 42'42	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3595 Oct 14 j 22:55	24° \mathbb{M} 44'42	-4°-55'-48	superior conj	-3592 Mar 12 j 10:08	23° \approx 35'15	-1°-14'-49
minimum elong	-3595 Oct 15 j 08:36	24° \mathbb{M} 29'59	4°53'09	minimum elong	-3592 Mar 12 j 17:28	23° \approx 57'45	1°14'45
min. Earth dist.	-3595 Oct 15 j 01:35	24° \mathbb{M} 40'39	0.26388 AU	max. Earth dist.	-3592 Mar 13 j 07:07	24° \approx 39'42	1.73550 AU
morning rise	-3595 Oct 20 j 18:42	21° \mathbb{M} 20'31			-3592 Mar 17 j 15:24	0° \mathbb{H}	
direct	-3595 Nov 04 j 04:36	17° \mathbb{M} 09'44			-3592 Apr 11 j 02:00	0° \mathbb{Y}	
asc. node	-3595 Nov 04 j 02:50	17° \mathbb{M} 09'45		evening rise	-3592 Apr 18 j 00:28	8° \mathbb{Y} 30'30	
greatest brilliancy	-3595 Nov 16 j 07:35	19° \mathbb{M} 55'45	-4.7m	asc. node	-3592 Apr 20 j 22:24	12° \mathbb{Y} 04'56	
	-3595 Dec 02 j 10:40	0° $\underline{\mathbb{A}}$		greatest brilliancy	-3592 Apr 27 j 16:55	20° \mathbb{Y} 23'01	-3.9m
morning max el	-3595 Dec 24 j 13:48	20° $\underline{\mathbb{A}}$ 06'44	46°37'58		-3592 May 05 j 13:16	0° \mathbb{B}	
	-3594 Jan 03 j 04:00	0° \mathbb{M}			-3592 May 30 j 01:14	0° \mathbb{I}	
	-3594 Jan 30 j 11:10	0° \mathbb{X}			-3592 Jun 23 j 14:38	0° \mathbb{S}	
desc. node	-3594 Feb 23 j 23:22	28° \mathbb{X} 09'42			-3592 Jul 18 j 07:12	0° \mathbb{Q}	
	-3594 Feb 25 j 13:17	0° \mathbb{Z}		desc. node	-3592 Aug 10 j 16:52	28° \mathbb{Q} 08'54	
	-3594 Mar 23 j 02:07	0° \approx			-3592 Aug 12 j 06:05	0° \mathbb{M}	
	-3594 Apr 17 j 06:20	0° \mathbb{H}			-3592 Sep 06 j 17:01	0° $\underline{\mathbb{A}}$	
	-3594 May 12 j 03:22	0° \mathbb{Y}			-3592 Oct 03 j 06:07	0° \mathbb{M}	
	-3594 Jun 05 j 17:30	0° \mathbb{B}		evening max el	-3592 Oct 16 j 16:19	14° \mathbb{M} 12'47	47°31'22
asc. node	-3594 Jun 16 j 20:43	13° \mathbb{B} 41'59			-3592 Nov 02 j 04:47	0° \mathbb{X}	
morning set	-3594 Jun 21 j 19:48	19° \mathbb{B} 49'32		greatest brilliancy	-3592 Nov 23 j 06:07	14° \mathbb{X} 48'37	-4.7m
	-3594 Jun 30 j 00:58	0° \mathbb{I}		asc. node	-3592 Dec 01 j 14:32	17° \mathbb{X} 41'41	
	-3594 Jul 24 j 02:44	0° \mathbb{S}		retrograde	-3592 Dec 06 j 19:08	18° \mathbb{X} 14'02	
max. Earth dist.	-3594 Jul 24 j 17:33	0° \mathbb{S} 46'22	1.71862 AU	evening set	-3592 Dec 22 j 06:07	13° \mathbb{X} 23'19	
				min. Earth dist.	-3592 Dec 26 j 13:23	10° \mathbb{X} 45'20	0.27602 AU
superior conj	-3594 Jul 28 j 15:16	5° \mathbb{S} 39'39	1°17'34	inferior conj	-3592 Dec 27 j 16:27	10° \mathbb{X} 02'29	5°52'01
minimum elong	-3594 Jul 28 j 08:39	5° \mathbb{S} 18'54	1°17'34	minimum elong	-3592 Dec 27 j 07:04	10° \mathbb{X} 17'20	5°49'50
	-3594 Aug 17 j 00:45	0° \mathbb{Q}		morning rise	-3591 Jan 01 j 08:52	7° \mathbb{X} 09'46	
evening rise	-3594 Sep 04 j 22:52	23° \mathbb{Q} 47'03		direct	-3591 Jan 17 j 09:50	2° \mathbb{X} 06'52	
	-3594 Sep 09 j 21:33	0° \mathbb{M}		greatest brilliancy	-3591 Jan 27 j 21:19	4° \mathbb{X} 09'11	-4.6m
	-3594 Oct 03 j 19:20	0° $\underline{\mathbb{A}}$			-3591 Mar 04 j 17:26	0° \mathbb{Z}	
desc. node	-3594 Oct 06 j 15:16	3° $\underline{\mathbb{A}}$ 32'42		morning max el	-3591 Mar 07 j 10:19	2° \mathbb{Z} 34'17	46°00'15
	-3594 Oct 27 j 19:36	0° \mathbb{M}		desc. node	-3591 Mar 23 j 10:52	18° \mathbb{Z} 40'28	
	-3594 Nov 20 j 23:42	0° \mathbb{X}			-3591 Apr 03 j 02:32	0° \approx	
	-3594 Dec 15 j 10:12	0° \mathbb{Z}			-3591 Apr 30 j 01:04	0° \mathbb{H}	
	-3593 Jan 09 j 08:36	0° \approx			-3591 May 25 j 21:19	0° \mathbb{Y}	
asc. node	-3593 Jan 27 j 11:55	21° \approx 10'35			-3591 Jun 20 j 00:39	0° \mathbb{B}	
	-3593 Feb 04 j 06:08	0° \mathbb{H}		asc. node	-3591 Jul 14 j 08:45	29° \mathbb{B} 40'44	
	-3593 Mar 04 j 06:06	0° \mathbb{Y}			-3591 Jul 14 j 15:01	0° \mathbb{I}	
evening max el	-3593 Mar 10 j 18:56	6° \mathbb{Y} 24'33	45°12'02		-3591 Aug 07 j 19:19	0° \mathbb{S}	
	-3593 Apr 09 j 12:36	0° \mathbb{B}		greatest brilliancy	-3591 Aug 18 j 05:35	13° \mathbb{S} 03'20	-3.9m
greatest brilliancy	-3593 Apr 14 j 01:06	2° \mathbb{B} 17'36	-4.5m	morning set	-3591 Aug 31 j 11:10	29° \mathbb{S} 41'54	
retrograde	-3593 Apr 28 j 00:17	5° \mathbb{B} 39'08			-3591 Aug 31 j 16:55	0° \mathbb{Q}	
evening set	-3593 May 12 j 23:04	1° \mathbb{B} 22'54			-3591 Sep 24 j 11:26	0° \mathbb{M}	
	-3593 May 15 j 09:53	30° \mathbb{R} \mathbb{Y}					
inferior conj	-3593 May 19 j 09:07	27° \mathbb{Y} 35'16	0°00'-48	superior conj	-3591 Oct 10 j 10:50	20° \mathbb{M} 10'04	0°51'41
minimum elong	-3593 May 19 j 09:05	27° \mathbb{Y} 35'18	0°00'45	minimum elong	-3591 Oct 10 j 21:53	20° \mathbb{M} 44'56	0°51'17
transit middle	-3593 May 19 j 09:05	27° \mathbb{Y} 35'18	0°00'45	max. Earth dist.	-3591 Oct 12 j 18:41	23° \mathbb{M} 06'11	1.70884 AU
transit begin	-3593 May 19 j 05:01	27° \mathbb{Y} 41'37			-3591 Oct 18 j 06:01	0° $\underline{\mathbb{A}}$	
transit end	-3593 May 19 j 13:10	27° \mathbb{Y} 29'00		desc. node	-3591 Nov 03 j 03:36	20° $\underline{\mathbb{A}}$ 00'35	
desc. node	-3593 May 19 j 07:42	27° \mathbb{Y} 37'27			-3591 Nov 11 j 02:36	0° \mathbb{M}	
min. Earth dist.	-3593 May 19 j 22:49	27° \mathbb{Y} 14'03	0.28774 AU	evening rise	-3591 Nov 21 j 23:03	13° \mathbb{M} 35'46	
morning rise	-3593 May 25 j 18:37	23° \mathbb{Y} 47'15			-3591 Dec 05 j 02:08	0° \mathbb{X}	
direct	-3593 Jun 10 j 03:21	19° \mathbb{Y} 18'06			-3591 Dec 29 j 05:22	0° \mathbb{Z}	
greatest brilliancy	-3593 Jun 24 j 18:18	23° \mathbb{Y} 01'41	-4.5m		-3590 Jan 22 j 13:50	0° \approx	
	-3593 Jul 06 j 07:38	0° \mathbb{B}			-3590 Feb 16 j 06:21	0° \mathbb{H}	
morning max el	-3593 Jul 29 j 17:59	20° \mathbb{B} 17'34	46°18'46	asc. node	-3590 Feb 23 j 23:58	9° \mathbb{H} 17'01	
	-3593 Aug 08 j 07:42	0° \mathbb{I}			-3590 Mar 13 j 11:23	0° \mathbb{Y}	
	-3593 Sep 04 j 10:03	0° \mathbb{S}			-3590 Apr 08 j 12:25	0° \mathbb{B}	
asc. node	-3593 Sep 09 j 06:06	5° \mathbb{S} 37'32			-3590 May 06 j 02:34	0° \mathbb{I}	
	-3593 Sep 29 j 16:25	0° \mathbb{Q}		evening max el	-3590 May 21 j 00:45	14° \mathbb{I} 54'41	45°32'02
	-3593 Oct 24 j 03:29	0° \mathbb{M}			-3590 Jun 07 j 04:21	0° \mathbb{S}	
	-3593 Nov 17 j 07:11	0° $\underline{\mathbb{A}}$		desc. node	-3590 Jun 15 j 19:28	6° \mathbb{S} 15'08	
	-3593 Dec 11 j 09:56	0° \mathbb{M}		greatest brilliancy	-3590 Jun 27 j 19:18	12° \mathbb{S} 34'48	-4.5m
desc. node	-3593 Dec 30 j 01:49	23° \mathbb{M} 09'27		retrograde	-3590 Jul 08 j 22:58	14° \mathbb{S} 47'58	
	-3592 Jan 04 j 14:27	0° \mathbb{X}		evening set	-3590 Jul 26 j 01:03	9° \mathbb{S} 23'49	
	-3592 Jan 28 j 21:12	0° \mathbb{Z}		inferior conj	-3590 Jul 30 j 00:07	7° \mathbb{S} 02'29	-8°-16'-43
morning set	-3592 Feb 03 j 08:04	6° \mathbb{Z} 43'21		minimum elong	-3590 Jul 29 j 16:54	7° \mathbb{S} 13'26	8°15'48
	-3592 Feb 22 j 05:41	0° \approx		min. Earth dist.	-3590 Jul 30 j 08:43	6° \mathbb{S} 49'25	0.27586 AU

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning rise	-3590 Aug 02 j 08:29	5°☾01'42			-3587 Jan 12 j 17:37	0°☾	
	-3590 Aug 13 j 12:25	30°☾II		evening rise	-3587 Feb 05 j 14:50	29°☾33'19	
direct	-3590 Aug 20 j 00:43	29°☾08'47			-3587 Feb 05 j 23:29	0°☾	
	-3590 Aug 26 j 17:32	0°☾			-3587 Mar 02 j 08:58	0°☾	
greatest brilliancy	-3590 Sep 03 j 00:29	2°☾39'57	-4.6m	asc. node	-3587 Mar 23 j 12:18	25°☾48'22	
asc. node	-3590 Oct 06 j 17:38	29°☾18'17			-3587 Mar 26 j 23:07	0°☾	
	-3590 Oct 07 j 10:17	0°☾			-3587 Apr 20 j 19:09	0°☾	
morning max el	-3590 Oct 09 j 16:19	2°☾16'53	46°50'50		-3587 May 15 j 22:58	0°☾	
	-3590 Nov 04 j 02:21	0°☾			-3587 Jun 10 j 14:30	0°☾	
	-3590 Nov 29 j 17:04	0°☾			-3587 Jul 07 j 03:37	0°☾	
	-3590 Dec 24 j 15:59	0°☾		desc. node	-3587 Jul 13 j 06:59	6°☾41'45	
	-3589 Jan 18 j 10:12	0°☾		evening max el	-3587 Aug 02 j 14:47	27°☾47'46	46°57'44
desc. node	-3589 Jan 26 j 13:40	9°☾53'01			-3587 Aug 04 j 20:58	0°☾	
	-3589 Feb 12 j 03:12	0°☾		greatest brilliancy	-3587 Sep 11 j 05:42	27°☾47'50	-4.7m
	-3589 Mar 08 j 19:20	0°☾		retrograde	-3587 Sep 21 j 21:58	29°☾55'24	
	-3589 Apr 02 j 10:05	0°☾		evening set	-3587 Oct 07 j 13:26	25°☾07'25	
morning set	-3589 Apr 13 j 17:09	13°☾48'02		inferior conj	-3587 Oct 12 j 10:47	22°☾13'49	-5°-16'-13
	-3589 Apr 26 j 22:44	0°☾		minimum elong	-3587 Oct 12 j 20:53	21°☾58'30	5°13'32
max. Earth dist.	-3589 May 16 j 10:36	23°☾56'30	1.73473 AU	min. Earth dist.	-3587 Oct 12 j 14:11	22°☾08'40	0.26400 AU
asc. node	-3589 May 19 j 10:43	27°☾38'27		morning rise	-3587 Oct 18 j 04:18	18°☾53'07	
				direct	-3587 Nov 01 j 17:22	14°☾38'57	
superior conj	-3589 May 19 j 14:29	27°☾50'03	0°00'22	asc. node	-3587 Nov 03 j 05:04	14°☾41'40	
minimum elong	-3589 May 19 j 14:23	27°☾49'43	0°00'26	greatest brilliancy	-3587 Nov 13 j 20:36	17°☾25'53	-4.7m
behind sun begin	-3589 May 18 j 16:24	26°☾42'05			-3587 Dec 03 j 01:33	0°☾	
behind sun end	-3589 May 20 j 12:21	28°☾57'21		morning max el	-3587 Dec 22 j 04:02	17°☾43'18	46°39'07
	-3589 May 21 j 08:41	0°☾			-3586 Jan 02 j 23:58	0°☾	
	-3589 Jun 14 j 15:43	0°☾			-3586 Jan 30 j 02:39	0°☾	
evening rise	-3589 Jun 24 j 05:35	11°☾52'00		desc. node	-3586 Feb 23 j 01:26	27°☾36'11	
	-3589 Jul 08 j 20:16	0°☾			-3586 Feb 25 j 02:46	0°☾	
	-3589 Aug 01 j 23:43	0°☾			-3586 Mar 22 j 14:29	0°☾	
	-3589 Aug 26 j 03:57	0°☾			-3586 Apr 16 j 18:03	0°☾	
desc. node	-3589 Sep 08 j 05:04	16°☾08'01			-3586 May 11 j 14:40	0°☾	
	-3589 Sep 19 j 11:03	0°☾			-3586 Jun 05 j 04:35	0°☾	
	-3589 Oct 13 j 23:28	0°☾		asc. node	-3586 Jun 15 j 22:51	13°☾14'35	
	-3589 Nov 07 j 21:57	0°☾		morning set	-3586 Jun 19 j 13:50	17°☾42'59	
	-3589 Dec 03 j 18:30	0°☾			-3586 Jun 29 j 11:58	0°☾	
evening max el	-3589 Dec 27 j 11:06	25°☾24'49	46°20'03	max. Earth dist.	-3586 Jul 22 j 05:49	28°☾20'05	1.71925 AU
asc. node	-3589 Dec 30 j 02:16	28°☾01'54			-3586 Jul 23 j 13:47	0°☾	
	-3588 Jan 01 j 02:37	0°☾		superior conj	-3586 Jul 26 j 07:35	3°☾25'49	1°16'12
greatest brilliancy	-3588 Jan 31 j 09:53	23°☾32'26	-4.5m	minimum elong	-3586 Jul 26 j 00:30	3°☾03'40	1°16'12
retrograde	-3588 Feb 15 j 09:06	27°☾33'41			-3586 Aug 16 j 11:56	0°☾	
evening set	-3588 Mar 03 j 22:36	21°☾36'43		evening rise	-3586 Sep 02 j 11:06	21°☾19'05	
inferior conj	-3588 Mar 07 j 19:27	19°☾11'03	7°41'11		-3586 Sep 09 j 08:55	0°☾	
minimum elong	-3588 Mar 08 j 01:41	19°☾01'06	7°40'27		-3586 Oct 03 j 06:53	0°☾	
min. Earth dist.	-3588 Mar 07 j 22:31	19°☾06'09	0.29263 AU	desc. node	-3586 Oct 05 j 17:26	3°☾03'18	
morning rise	-3588 Mar 12 j 04:50	16°☾26'18			-3586 Oct 20 j 07:21	0°☾	
direct	-3588 Mar 29 j 09:32	10°☾46'15			-3586 Nov 20 j 11:42	0°☾	
greatest brilliancy	-3588 Apr 11 j 02:28	13°☾36'22	-4.5m		-3586 Dec 14 j 22:38	0°☾	
desc. node	-3588 Apr 19 j 22:17	18°☾15'35			-3585 Jan 08 j 21:54	0°☾	
	-3588 May 05 j 14:42	0°☾		asc. node	-3585 Jan 26 j 13:58	20°☾35'04	
morning max el	-3588 May 17 j 05:37	10°☾30'51	45°49'37		-3585 Feb 03 j 21:20	0°☾	
	-3588 Jun 05 j 12:09	0°☾			-3585 Mar 04 j 02:38	0°☾	
	-3588 Jul 02 j 15:10	0°☾		evening max el	-3585 Mar 08 j 11:09	4°☾14'37	45°12'58
	-3588 Jul 28 j 05:19	0°☾			-3585 Apr 11 j 09:32	0°☾	
asc. node	-3588 Aug 10 j 20:32	16°☾27'27		greatest brilliancy	-3585 Apr 11 j 16:49	0°☾08'18	-4.5m
	-3588 Aug 21 j 22:01	0°☾		retrograde	-3585 Apr 25 j 15:52	3°☾29'58	
	-3588 Sep 15 j 01:35	0°☾			-3585 May 09 j 03:36	30°☾	
	-3588 Oct 08 j 22:32	0°☾		evening set	-3585 May 10 j 16:06	29°☾12'36	
	-3588 Nov 01 j 17:56	0°☾		inferior conj	-3585 May 17 j 01:18	25°☾25'39	0°18'55
morning set	-3588 Nov 15 j 14:22	17°☾25'10		minimum elong	-3585 May 17 j 01:59	25°☾24'34	0°18'46
	-3588 Nov 25 j 14:56	0°☾		min. Earth dist.	-3585 May 17 j 15:23	25°☾03'47	0.28806 AU
desc. node	-3588 Nov 30 j 15:46	6°☾18'33		desc. node	-3585 May 18 j 09:54	24°☾35'07	
	-3588 Dec 19 j 14:47	0°☾		morning rise	-3585 May 23 j 11:22	21°☾36'16	
superior conj	-3588 Dec 27 j 17:12	10°☾05'43	0°-57'-19	direct	-3585 Jun 07 j 19:54	17°☾08'01	
minimum elong	-3588 Dec 27 j 06:01	9°☾30'52	0°57'05	greatest brilliancy	-3585 Jun 22 j 08:39	20°☾48'34	-4.5m
max. Earth dist.	-3587 Jan 01 j 00:33	15°☾27'12	1.72102 AU		-3585 Jul 06 j 22:55	0°☾	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning max el	-3585 Jul 27 j 08:47	18° ♁ 01'25	46°17'20		-3583 Dec 28 j 16:55	0° ♁	
	-3585 Aug 08 j 02:45	0° ♁			-3582 Jan 22 j 01:34	0° ♁	
	-3585 Sep 04 j 01:03	0° ♁			-3582 Feb 15 j 18:29	0° ♁	
asc. node	-3585 Sep 08 j 08:21	5° ♁ 01'19		asc. node	-3582 Feb 23 j 02:11	8° ♁ 46'43	
	-3585 Sep 29 j 05:50	0° ♁			-3582 Mar 13 j 00:22	0° ♁	
	-3585 Oct 23 j 16:07	0° ♁			-3582 Apr 08 j 03:11	0° ♁	
	-3585 Nov 16 j 19:21	0° ♁			-3582 May 05 j 21:40	0° ♁	
	-3585 Dec 10 j 21:45	0° ♁		evening max el	-3582 May 18 j 14:16	12° ♁ 36'05	45°29'56
desc. node	-3585 Dec 29 j 03:50	22° ♁ 39'47			-3582 Jun 07 j 18:25	0° ♁	
	-3584 Jan 04 j 02:00	0° ♁		desc. node	-3582 Jun 14 j 21:29	4° ♁ 54'06	
	-3584 Jan 28 j 08:30	0° ♁		greatest brilliancy	-3582 Jun 25 j 05:27	10° ♁ 11'23	-4.5m
morning set	-3584 Jan 31 j 21:45	4° ♁ 22'53		retrograde	-3582 Jul 06 j 12:19	12° ♁ 27'46	
	-3584 Feb 21 j 16:49	0° ♁		evening set	-3582 Jul 23 j 10:34	7° ♁ 08'27	
				inferior conj	-3582 Jul 27 j 13:41	4° ♁ 41'34	-8°-7'-42
superior conj	-3584 Mar 10 j 03:09	21° ♁ 26'05	-1°-16'-12	minimum elong	-3582 Jul 27 j 05:51	4° ♁ 53'27	8°06'39
minimum elong	-3584 Mar 10 j 10:05	21° ♁ 47'24	1°16'11	min. Earth dist.	-3582 Jul 27 j 22:12	4° ♁ 28'41	0.27632 AU
max. Earth dist.	-3584 Mar 11 j 04:34	22° ♁ 44'09	1.73520 AU	morning rise	-3582 Jul 31 j 00:49	2° ♁ 36'54	
	-3584 Mar 17 j 02:27	0° ♁			-3582 Aug 04 j 20:50	30° ♁	
	-3584 Apr 10 j 13:04	0° ♁		direct	-3582 Aug 17 j 14:49	26° ♁ 46'44	
evening rise	-3584 Apr 15 j 19:16	6° ♁ 26'56			-3582 Aug 30 j 23:13	0° ♁	
asc. node	-3584 Apr 20 j 00:36	11° ♁ 37'37		greatest brilliancy	-3582 Aug 31 j 17:13	0° ♁ 20'57	-4.6m
greatest brilliancy	-3584 Apr 29 j 05:55	22° ♁ 55'45	-3.9m	asc. node	-3582 Oct 05 j 19:47	28° ♁ 24'34	
	-3584 May 05 j 00:28	0° ♁			-3582 Oct 07 j 09:22	0° ♁	
	-3584 May 29 j 12:43	0° ♁		morning max el	-3582 Oct 07 j 06:36	29° ♁ 52'55	46°50'31
	-3584 Jun 23 j 02:33	0° ♁			-3582 Nov 03 j 18:58	0° ♁	
	-3584 Jul 17 j 19:49	0° ♁			-3582 Nov 29 j 07:18	0° ♁	
desc. node	-3584 Aug 09 j 18:59	27° ♁ 34'44			-3582 Dec 24 j 05:01	0° ♁	
	-3584 Aug 11 j 19:45	0° ♁			-3581 Jan 17 j 22:31	0° ♁	
	-3584 Sep 06 j 08:28	0° ♁		desc. node	-3581 Jan 25 j 15:44	9° ♁ 22'30	
	-3584 Oct 03 j 01:22	0° ♁			-3581 Feb 11 j 15:00	0° ♁	
evening max el	-3584 Oct 14 j 06:55	11° ♁ 49'21	47°32'06		-3581 Mar 08 j 06:45	0° ♁	
	-3584 Nov 02 j 14:24	0° ♁			-3581 Apr 01 j 21:13	0° ♁	
greatest brilliancy	-3584 Nov 21 j 00:37	12° ♁ 29'58	-4.7m	morning set	-3581 Apr 11 j 11:41	11° ♁ 44'04	
asc. node	-3584 Nov 30 j 16:39	15° ♁ 34'24			-3581 Apr 26 j 09:43	0° ♁	
retrograde	-3584 Dec 04 j 09:44	15° ♁ 51'06		max. Earth dist.	-3581 May 14 j 10:05	22° ♁ 07'21	1.73506 AU
evening set	-3584 Dec 19 j 18:16	11° ♁ 05'05					
min. Earth dist.	-3584 Dec 24 j 04:23	8° ♁ 23'09	0.27523 AU	superior conj	-3581 May 17 j 09:23	25° ♁ 46'44	0°-2'-42
inferior conj	-3584 Dec 25 j 07:02	7° ♁ 40'57	5°36'24	minimum elong	-3581 May 17 j 09:54	25° ♁ 48'22	0°02'38
minimum elong	-3584 Dec 24 j 21:43	7° ♁ 55'42	5°34'09	behind sun begin	-3581 May 16 j 12:05	24° ♁ 41'10	
morning rise	-3584 Dec 30 j 01:58	4° ♁ 44'30		behind sun end	-3581 May 18 j 07:44	26° ♁ 55'34	
	-3583 Jan 11 j 15:44	30° ♁		asc. node	-3581 May 18 j 12:48	27° ♁ 11'08	
direct	-3583 Jan 14 j 23:13	29° ♁ 46'42			-3581 May 20 j 19:39	0° ♁	
	-3583 Jan 18 j 08:04	0° ♁			-3581 Jun 14 j 02:46	0° ♁	
greatest brilliancy	-3583 Jan 25 j 11:22	1° ♁ 49'13	-4.6m	evening rise	-3581 Jun 22 j 00:20	9° ♁ 46'58	
	-3583 Mar 04 j 17:27	0° ♁			-3581 Jul 08 j 07:31	0° ♁	
morning max el	-3583 Mar 04 j 23:38	0° ♁ 14'52	46°01'21		-3581 Aug 01 j 11:14	0° ♁	
desc. node	-3583 Mar 22 j 13:06	17° ♁ 58'23			-3581 Aug 25 j 15:50	0° ♁	
	-3583 Apr 02 j 18:59	0° ♁		desc. node	-3581 Sep 07 j 07:16	15° ♁ 37'24	
	-3583 Apr 29 j 14:53	0° ♁			-3581 Sep 18 j 23:24	0° ♁	
	-3583 May 25 j 09:51	0° ♁			-3581 Oct 13 j 12:28	0° ♁	
	-3583 Jun 19 j 12:30	0° ♁			-3581 Nov 07 j 12:03	0° ♁	
asc. node	-3583 Jul 13 j 10:46	29° ♁ 11'34			-3581 Dec 03 j 10:57	0° ♁	
	-3583 Jul 14 j 02:30	0° ♁		evening max el	-3581 Dec 25 j 03:05	23° ♁ 10'26	46°23'08
	-3583 Aug 07 j 06:38	0° ♁		asc. node	-3581 Dec 29 j 04:16	27° ♁ 11'05	
greatest brilliancy	-3583 Aug 18 j 20:23	14° ♁ 29'44	-3.9m		-3580 Jan 01 j 02:30	0° ♁	
morning set	-3583 Aug 29 j 00:41	27° ♁ 17'49		greatest brilliancy	-3580 Jan 29 j 02:16	21° ♁ 22'07	-4.5m
	-3583 Aug 31 j 04:10	0° ♁		retrograde	-3580 Feb 13 j 02:50	25° ♁ 24'53	
	-3583 Sep 23 j 22:43	0° ♁		evening set	-3580 Mar 01 j 17:16	19° ♁ 24'51	
				inferior conj	-3580 Mar 05 j 12:25	17° ♁ 01'45	7°48'02
superior conj	-3583 Oct 07 j 21:07	17° ♁ 35'31	0°54'43	minimum elong	-3580 Mar 05 j 18:08	16° ♁ 52'37	7°47'25
minimum elong	-3583 Oct 08 j 08:21	18° ♁ 10'57	0°54'19	min. Earth dist.	-3580 Mar 05 j 14:00	16° ♁ 59'13	0.29247 AU
max. Earth dist.	-3583 Oct 09 j 20:29	20° ♁ 04'55	1.70881 AU	morning rise	-3580 Mar 09 j 19:08	14° ♁ 21'11	
	-3583 Oct 17 j 17:19	0° ♁		direct	-3580 Mar 27 j 02:12	8° ♁ 37'17	
desc. node	-3583 Nov 02 j 05:43	19° ♁ 31'34		greatest brilliancy	-3580 Apr 08 j 16:49	11° ♁ 25'35	-4.5m
	-3583 Nov 10 j 13:58	0° ♁		desc. node	-3580 Apr 19 j 00:24	17° ♁ 00'32	
evening rise	-3583 Nov 19 j 08:09	10° ♁ 58'22			-3580 May 05 j 18:45	0° ♁	
	-3583 Dec 04 j 13:34	0° ♁		morning max el	-3580 May 14 j 23:02	8° ♁ 24'29	45°49'16

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3580 Jun 05 j 05:15	0°♊			-3577 Feb 03 j 12:29	0°♋		
	-3580 Jul 02 j 05:11	0°♌			-3577 Mar 03 j 23:31	0°♍		
	-3580 Jul 27 j 18:01	0°♎		evening max el	-3577 Mar 06 j 02:29	2°♏03'19	45°13'59	
asc. node	-3580 Aug 09 j 22:45	15°♐56'56		greatest brilliancy	-3577 Apr 09 j 08:00	27°♑59'14	-4.5m	
	-3580 Aug 21 j 10:02	0°♒			-3577 Apr 14 j 14:37	0°♓		
	-3580 Sep 14 j 13:16	0°♈		retrograde	-3577 Apr 23 j 07:19	1°♉21'58		
	-3580 Oct 08 j 10:01	0°♊			-3577 May 01 j 16:21	30°♋		
	-3580 Nov 01 j 05:17	0°♌		evening set	-3577 May 08 j 09:19	27°♍02'58		
morning set	-3580 Nov 13 j 00:18	14°♎50'06		inferior conj	-3577 May 14 j 17:34	23°♏17'07	0°38'25	
	-3580 Nov 25 j 02:11	0°♐		minimum elong	-3577 May 14 j 18:59	23°♑14'56	0°38'04	
desc. node	-3580 Nov 29 j 17:48	5°♒49'44		min. Earth dist.	-3577 May 15 j 08:16	22°♓54'15	0.28842 AU	
	-3580 Dec 19 j 01:56	0°♈		desc. node	-3577 May 17 j 11:55	21°♉34'37		
				morning rise	-3577 May 21 j 04:03	19°♊26'32		
superior conj	-3580 Dec 25 j 04:15	7°♌36'02	0°-54'-30	direct	-3577 Jun 05 j 12:05	14°♍58'48		
minimum elong	-3580 Dec 24 j 17:07	7°♎01'21	0°54'14	greatest brilliancy	-3577 Jun 20 j 00:00	18°♏37'29	-4.5m	
max. Earth dist.	-3580 Dec 29 j 13:47	13°♐04'34	1.72044 AU		-3577 Jul 07 j 10:03	0°♑		
	-3579 Jan 12 j 04:40	0°♒		morning max el	-3577 Jul 24 j 23:19	15°♓45'20	46°15'58	
evening rise	-3579 Feb 03 j 05:25	27°♈16'11			-3577 Aug 07 j 21:06	0°♉		
	-3579 Feb 05 j 10:31	0°♊			-3577 Sep 03 j 15:39	0°♋		
	-3579 Mar 01 j 20:06	0°♌		asc. node	-3577 Sep 07 j 10:31	4°♍25'49		
asc. node	-3579 Mar 22 j 14:27	25°♎20'26			-3577 Sep 28 j 18:54	0°♏		
	-3579 Mar 26 j 10:29	0°♐			-3577 Oct 23 j 04:24	0°♑		
	-3579 Apr 20 j 07:01	0°♒			-3577 Nov 16 j 07:11	0°♈		
	-3579 May 15 j 11:40	0°♌			-3577 Dec 10 j 09:16	0°♎		
	-3579 Jun 10 j 04:41	0°♐		desc. node	-3577 Dec 28 j 05:55	22°♒11'09		
desc. node	-3579 Jul 06 j 20:48	0°♒			-3576 Jan 03 j 13:14	0°♓		
evening max el	-3579 Jul 12 j 09:07	5°♈58'20			-3576 Jan 27 j 19:32	0°♉		
	-3579 Jul 31 j 05:00	25°♊25'52	46°54'48	morning set	-3576 Jan 29 j 11:14	2°♌02'31		
	-3579 Aug 04 j 22:31	0°♌			-3576 Feb 21 j 03:40	0°♍		
greatest brilliancy	-3579 Sep 08 j 18:40	25°♎18'31	-4.7m					
retrograde	-3579 Sep 19 j 10:08	27°♐24'32		superior conj	-3576 Mar 07 j 20:12	19°♍17'53	-1°-17'-30	
evening set	-3579 Oct 05 j 04:37	22°♑32'36		minimum elong	-3576 Mar 08 j 02:41	19°♏37'50	1°17'29	
inferior conj	-3579 Oct 09 j 22:43	19°♒43'24	-5°-35'-54	max. Earth dist.	-3576 Mar 09 j 00:20	20°♑44'22	1.73485 AU	
minimum elong	-3579 Oct 10 j 09:07	19°♓27'36	5°33'14		-3576 Mar 16 j 13:12	0°♋		
min. Earth dist.	-3579 Oct 10 j 02:54	19°♏37'03	0.26415 AU		-3576 Apr 09 j 23:49	0°♍		
morning rise	-3579 Oct 15 j 13:36	16°♐26'15		evening rise	-3576 Apr 13 j 14:05	4°♑24'29		
direct	-3579 Oct 30 j 06:11	12°♑08'39		asc. node	-3576 Apr 19 j 02:39	11°♒10'50		
asc. node	-3579 Nov 02 j 07:10	12°♒19'54		greatest brilliancy	-3576 May 01 j 22:51	26°♓54'49	-3.9m	
greatest brilliancy	-3579 Nov 11 j 09:28	14°♓55'54	-4.7m		-3576 May 04 j 11:21	0°♑		
	-3579 Dec 03 j 12:37	0°♈			-3576 May 28 j 23:54	0°♉		
morning max el	-3579 Dec 19 j 17:42	15°♊18'30	46°40'18		-3576 Jun 22 j 14:15	0°♋		
	-3578 Jan 02 j 19:15	0°♌			-3576 Jul 17 j 08:15	0°♏		
	-3578 Jan 29 j 17:46	0°♎		desc. node	-3576 Aug 08 j 21:09	27°♐01'20		
desc. node	-3578 Feb 22 j 03:41	27°♌03'53			-3576 Aug 11 j 09:16	0°♑		
	-3578 Feb 24 j 15:58	0°♒			-3576 Sep 05 j 23:50	0°♈		
	-3578 Mar 22 j 02:38	0°♌			-3576 Oct 02 j 20:48	0°♎		
	-3578 Apr 16 j 05:34	0°♊		evening max el	-3576 Oct 11 j 20:45	9°♒24'53	47°32'53	
	-3578 May 11 j 01:50	0°♌			-3576 Nov 03 j 02:47	0°♓		
	-3578 Jun 04 j 15:33	0°♎		greatest brilliancy	-3576 Nov 18 j 18:04	10°♓10'32	-4.7m	
asc. node	-3578 Jun 15 j 00:55	12°♉47'18		asc. node	-3576 Nov 29 j 18:44	13°♌22'43		
morning set	-3578 Jun 17 j 07:49	15°♊36'42		retrograde	-3576 Dec 02 j 00:07	13°♎28'47		
	-3578 Jun 28 j 22:51	0°♌		evening set	-3576 Dec 17 j 06:22	8°♓46'50		
max. Earth dist.	-3578 Jul 19 j 17:51	25°♐53'42	1.71987 AU	min. Earth dist.	-3576 Dec 21 j 19:23	6°♓01'10	0.27448 AU	
	-3578 Jul 23 j 00:40	0°♐		inferior conj	-3576 Dec 22 j 21:29	5°♓19'52	5°20'05	
				minimum elong	-3576 Dec 22 j 12:18	5°♌34'24	5°17'45	
superior conj	-3578 Jul 23 j 23:57	1°♓12'46	1°14'44	morning rise	-3576 Dec 27 j 18:59	2°♓19'47		
minimum elong	-3578 Jul 23 j 16:28	0°♓49'24	1°14'43		-3575 Jan 01 j 07:11	30°♒♒		
	-3578 Aug 15 j 22:56	0°♒		direct	-3575 Jan 12 j 12:12	27°♒26'39		
evening rise	-3578 Aug 30 j 23:30	18°♈52'20		greatest brilliancy	-3575 Jan 23 j 02:13	29°♒30'35	-4.6m	
	-3578 Sep 08 j 20:05	0°♑			-3575 Jan 24 j 08:19	0°♓		
	-3578 Oct 02 j 18:16	0°♈		morning max el	-3575 Mar 02 j 13:25	27°♌57'15	46°02'35	
desc. node	-3578 Oct 04 j 19:30	2°♊34'04			-3575 Mar 04 j 16:06	0°♉		
	-3578 Oct 26 j 18:57	0°♎		desc. node	-3575 Mar 21 j 15:07	17°♌17'07		
	-3578 Nov 19 j 23:35	0°♓			-3575 Apr 02 j 10:50	0°♍		
	-3578 Dec 14 j 10:57	0°♑			-3575 Apr 29 j 04:13	0°♋		
	-3577 Jan 08 j 11:05	0°♌			-3575 May 24 j 21:57	0°♍		
asc. node	-3577 Jan 25 j 16:13	20°♍00'39			-3575 Jun 18 j 23:57	0°♎		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3575 Jul 12 j 13:01	28° U 44'14			-3573 Dec 03 j 03:33	0° Z	
	-3575 Jul 13 j 13:38	0° II		evening max el	-3573 Dec 22 j 19:32	20° Z 57'23	46°26'18
	-3575 Aug 06 j 17:38	0° S		asc. node	-3573 Dec 28 j 06:33	26° Z 20'20	
greatest brilliancy	-3575 Aug 19 j 09:57	15° S 53'12	-3.9m		-3572 Jan 01 j 03:25	0° \approx	
morning set	-3575 Aug 26 j 14:05	24° S 54'17		greatest brilliancy	-3572 Jan 26 j 19:39	19° \approx 13'16	-4.5m
	-3575 Aug 30 j 15:10	0° Ω		retrograde	-3572 Feb 10 j 20:18	23° \approx 15'47	
	-3575 Sep 23 j 09:44	0° np		evening set	-3572 Feb 28 j 11:38	17° \approx 13'11	
				inferior conj	-3572 Mar 03 j 05:11	14° \approx 52'18	7°54'24
superior conj	-3575 Oct 05 j 07:08	15° np 00'53	0°57'38	minimum elong	-3572 Mar 03 j 10:22	14° \approx 44'02	7°53'52
minimum elong	-3575 Oct 05 j 18:27	15° np 36'36	0°57'17	min. Earth dist.	-3572 Mar 03 j 05:09	14° \approx 52'22	0.29224 AU
max. Earth dist.	-3575 Oct 06 j 23:57	17° np 09'38	1.70879 AU	morning rise	-3572 Mar 07 j 09:15	12° \approx 15'45	
	-3575 Oct 17 j 04:22	0° $\underline{\text{A}}$		direct	-3572 Mar 24 j 19:01	6° \approx 28'25	
desc. node	-3575 Nov 01 j 07:44	19° $\underline{\text{A}}$ 03'03		greatest brilliancy	-3572 Apr 06 j 05:54	9° \approx 13'32	-4.5m
	-3575 Nov 10 j 01:02	0° ML		desc. node	-3572 Apr 18 j 02:30	15° \approx 48'01	
evening rise	-3575 Nov 16 j 16:55	8° ML 20'52			-3572 May 05 j 20:59	0° H	
	-3575 Dec 04 j 00:43	0° Z		morning max el	-3572 May 12 j 15:58	6° H 17'30	45°48'57
	-3575 Dec 28 j 04:09	0° Z			-3572 Jun 04 j 21:49	0° Y	
	-3574 Jan 21 j 13:00	0° \approx			-3572 Jul 01 j 18:52	0° B	
	-3574 Feb 15 j 06:21	0° H			-3572 Jul 27 j 06:24	0° II	
asc. node	-3574 Feb 22 j 04:19	8° H 17'03		asc. node	-3572 Aug 09 j 00:53	15° II 26'55	
	-3574 Mar 12 j 13:07	0° Y			-3572 Aug 20 j 21:46	0° S	
	-3574 Apr 07 j 17:47	0° B			-3572 Sep 14 j 00:40	0° Ω	
	-3574 May 05 j 16:51	0° II			-3572 Oct 07 j 21:15	0° np	
evening max el	-3574 May 16 j 04:41	10° II 21'01	45°28'01		-3572 Oct 31 j 16:28	0° $\underline{\text{A}}$	
	-3574 Jun 08 j 12:23	0° S		morning set	-3572 Nov 10 j 10:05	12° $\underline{\text{A}}$ 15'01	
desc. node	-3574 Jun 13 j 23:36	3° S 32'00			-3572 Nov 24 j 13:18	0° ML	
greatest brilliancy	-3574 Jun 22 j 14:43	7° S 48'41	-4.5m	desc. node	-3572 Nov 28 j 19:56	5° ML 21'40	
retrograde	-3574 Jul 04 j 02:02	10° S 09'05			-3572 Dec 18 j 12:59	0° Z	
evening set	-3574 Jul 20 j 20:10	4° S 54'37					
inferior conj	-3574 Jul 25 j 03:19	2° S 22'03	-7°-57'-59	superior conj	-3572 Dec 22 j 14:38	5° Z 04'27	0°-51'-32
minimum elong	-3574 Jul 24 j 18:55	2° S 34'46	7°56'45	minimum elong	-3572 Dec 22 j 03:40	4° Z 30'16	0°51'14
min. Earth dist.	-3574 Jul 25 j 11:19	2° S 09'57	0.27681 AU	max. Earth dist.	-3572 Dec 27 j 03:36	10° Z 43'51	1.71988 AU
morning rise	-3574 Jul 28 j 17:22	0° S 13'17			-3571 Jan 11 j 15:38	0° Z	
	-3574 Jul 29 j 02:31	30° R II		evening rise	-3571 Jan 31 j 19:16	24° Z 57'01	
direct	-3574 Aug 15 j 05:38	24° II 26'17			-3571 Feb 04 j 21:27	0° \approx	
greatest brilliancy	-3574 Aug 29 j 09:30	28° II 02'46	-4.6m		-3571 Mar 01 j 07:08	0° H	
	-3574 Sep 02 j 02:45	0° S		asc. node	-3571 Mar 21 j 16:28	24° H 52'26	
asc. node	-3574 Oct 04 j 21:53	27° S 32'31			-3571 Mar 25 j 21:47	0° Y	
morning max el	-3574 Oct 04 j 21:30	27° S 31'34	46°49'52		-3571 Apr 19 j 18:49	0° B	
	-3574 Oct 07 j 07:15	0° Ω			-3571 May 15 j 00:21	0° II	
	-3574 Nov 03 j 11:05	0° np			-3571 Jun 09 j 18:56	0° S	
	-3574 Nov 28 j 21:12	0° $\underline{\text{A}}$			-3571 Jul 06 j 14:13	0° Ω	
	-3574 Dec 23 j 17:46	0° ML		desc. node	-3571 Jul 11 j 11:22	5° Ω 15'06	
	-3573 Jan 17 j 10:31	0° Z		evening max el	-3571 Jul 28 j 18:41	23° Ω 03'15	46°51'53
desc. node	-3573 Jan 24 j 17:59	8° Z 53'27			-3571 Aug 05 j 01:13	0° np	
	-3573 Feb 11 j 02:29	0° Z		greatest brilliancy	-3571 Sep 06 j 08:22	22° np 51'06	-4.7m
	-3573 Mar 07 j 17:51	0° \approx		retrograde	-3571 Sep 16 j 21:52	24° np 54'43	
	-3573 Apr 01 j 08:04	0° H		evening set	-3571 Oct 02 j 19:59	19° np 58'55	
morning set	-3573 Apr 09 j 06:05	9° H 40'35		inferior conj	-3571 Oct 07 j 10:47	17° np 14'13	-5°-54'-49
	-3573 Apr 25 j 20:25	0° Y		minimum elong	-3571 Oct 07 j 21:24	16° np 58'04	5°52'11
max. Earth dist.	-3573 May 12 j 09:24	20° Y 18'36	1.73532 AU	min. Earth dist.	-3571 Oct 07 j 15:56	17° np 06'23	0.26432 AU
				morning rise	-3571 Oct 12 j 22:47	14° np 00'44	
superior conj	-3573 May 15 j 04:20	23° Y 44'29	0°-5'-45	direct	-3571 Oct 27 j 18:42	9° np 39'30	
minimum elong	-3573 May 15 j 05:27	23° Y 47'55	0°05'40	asc. node	-3571 Nov 01 j 09:17	10° np 04'57	
behind sun begin	-3573 May 14 j 08:39	22° Y 43'54		greatest brilliancy	-3571 Nov 08 j 22:57	12° np 27'24	-4.7m
behind sun end	-3573 May 16 j 02:15	24° Y 51'56			-3571 Dec 03 j 20:33	0° $\underline{\text{A}}$	
asc. node	-3573 May 17 j 14:54	26° Y 44'43		morning max el	-3571 Dec 17 j 06:23	12° $\underline{\text{A}}$ 51'16	46°41'14
	-3573 May 20 j 06:19	0° B			-3570 Jan 02 j 13:56	0° ML	
	-3573 Jun 13 j 13:31	0° II			-3570 Jan 29 j 08:42	0° Z	
evening rise	-3573 Jun 19 j 19:14	7° II 43'25		desc. node	-3570 Feb 21 j 05:40	26° Z 30'51	
	-3573 Jul 07 j 18:27	0° S			-3570 Feb 24 j 05:07	0° Z	
	-3573 Jul 31 j 22:27	0° Ω			-3570 Mar 21 j 14:46	0° \approx	
	-3573 Aug 25 j 03:27	0° np			-3570 Apr 15 j 17:05	0° H	
desc. node	-3573 Sep 06 j 09:19	15° np 07'05			-3570 May 10 j 12:58	0° Y	
	-3573 Sep 18 j 11:32	0° $\underline{\text{A}}$			-3570 Jun 04 j 02:29	0° B	
	-3573 Oct 13 j 01:21	0° ML		asc. node	-3570 Jun 14 j 03:05	12° B 20'23	
	-3573 Nov 07 j 02:08	0° Z		morning set	-3570 Jun 15 j 01:39	13° B 29'59	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3570 Jun 28 j 09:44	0°II		minimum elong	-3568 Dec 20 j 02:57	3°♂12'34	5°00'43
max. Earth dist.	-3570 Jul 17 j 07:23	23°II32'00	1.72050 AU		-3568 Dec 25 j 08:30	30°♂♂	
				morning rise	-3568 Dec 25 j 12:00	29°♂54'58	
superior conj	-3570 Jul 21 j 16:26	29°II00'06	1°13'10	direct	-3567 Jan 10 j 01:22	25°♂06'07	
minimum elong	-3570 Jul 21 j 08:36	28°II35'39	1°13'07	greatest brilliancy	-3567 Jan 20 j 16:54	27°♂11'38	-4.6m
	-3570 Jul 22 j 11:36	0°☿			-3567 Jan 26 j 19:45	0°♂	
	-3570 Aug 15 j 09:58	0°♂		morning max el	-3567 Feb 28 j 04:05	25°♂41'23	46°03'45
evening rise	-3570 Aug 28 j 12:20	16°♂26'56			-3567 Mar 04 j 13:58	0°♂	
	-3570 Sep 08 j 07:17	0°♂		desc. node	-3567 Mar 20 j 17:13	16°♂36'14	
	-3570 Oct 02 j 05:37	0°♂			-3567 Apr 02 j 02:35	0°♂	
desc. node	-3570 Oct 03 j 21:33	2°♂04'54			-3567 Apr 28 j 17:40	0°♂	
	-3570 Oct 26 j 06:30	0°♂			-3567 May 24 j 10:15	0°♂	
	-3570 Nov 19 j 11:25	0°♂			-3567 Jun 18 j 11:38	0°♂	
	-3570 Dec 13 j 23:18	0°♂		asc. node	-3567 Jul 11 j 15:06	28°♂15'38	
	-3569 Jan 08 j 00:24	0°♂			-3567 Jul 13 j 00:59	0°II	
asc. node	-3569 Jan 24 j 18:18	19°♂25'20			-3567 Aug 06 j 04:52	0°☿	
	-3569 Feb 03 j 03:56	0°♂		greatest brilliancy	-3567 Aug 19 j 17:32	16°☿57'14	-3.9m
evening max el	-3569 Mar 03 j 17:03	29°♂49'39	45°15'09	morning set	-3567 Aug 24 j 03:35	22°☿30'30	
	-3569 Mar 03 j 21:22	0°♂			-3567 Aug 30 j 02:23	0°♂	
greatest brilliancy	-3569 Apr 06 j 22:22	25°♂48'37	-4.5m		-3567 Sep 22 j 20:58	0°♂	
retrograde	-3569 Apr 20 j 22:55	29°♂13'43					
evening set	-3569 May 06 j 02:36	24°♂52'32		superior conj	-3567 Oct 02 j 17:16	12°♂25'47	1°00'26
inferior conj	-3569 May 12 j 09:50	21°♂08'10	0°57'51	minimum elong	-3567 Oct 03 j 04:34	13°♂01'27	1°00'06
minimum elong	-3569 May 12 j 11:56	21°♂04'54	0°57'18	max. Earth dist.	-3567 Oct 04 j 05:46	14°♂20'56	1.70882 AU
min. Earth dist.	-3569 May 13 j 01:11	20°♂44'17	0.28878 AU		-3567 Oct 16 j 15:40	0°♂	
desc. node	-3569 May 16 j 14:03	18°♂34'37		desc. node	-3567 Oct 31 j 09:53	18°♂34'10	
morning rise	-3569 May 18 j 20:36	17°♂16'46			-3567 Nov 09 j 12:24	0°♂	
direct	-3569 Jun 03 j 03:59	12°♂49'00		evening rise	-3567 Nov 14 j 01:44	5°♂42'37	
greatest brilliancy	-3569 Jun 17 j 16:18	16°♂27'18	-4.5m		-3567 Dec 03 j 12:07	0°♂	
	-3569 Jul 07 j 18:26	0°♂			-3567 Dec 27 j 15:37	0°♂	
morning max el	-3569 Jul 22 j 14:07	13°♂29'37	46°14'38		-3566 Jan 21 j 00:39	0°♂	
	-3569 Aug 07 j 15:08	0°II			-3566 Feb 14 j 18:25	0°♂	
	-3569 Sep 03 j 06:12	0°☿		asc. node	-3566 Feb 21 j 06:20	7°♂46'25	
asc. node	-3569 Sep 06 j 12:29	3°☿49'38			-3566 Mar 12 j 02:09	0°♂	
	-3569 Sep 28 j 08:00	0°♂			-3566 Apr 07 j 08:49	0°♂	
	-3569 Oct 22 j 16:45	0°♂			-3566 May 05 j 12:58	0°II	
	-3569 Nov 15 j 19:03	0°♂		evening max el	-3566 May 13 j 19:57	8°II07'15	45°26'02
	-3569 Dec 09 j 20:47	0°♂			-3566 Jun 09 j 13:18	0°☿	
desc. node	-3569 Dec 27 j 08:06	21°♂42'43		desc. node	-3566 Jun 13 j 01:48	2°☿06'21	
	-3568 Jan 03 j 00:31	0°♂		greatest brilliancy	-3566 Jun 20 j 00:47	5°☿26'14	-4.5m
morning set	-3568 Jan 27 j 00:42	29°♂41'43		retrograde	-3566 Jul 01 j 15:56	7°☿49'38	
	-3568 Jan 27 j 06:37	0°♂		evening set	-3566 Jul 18 j 05:55	2°☿40'19	
	-3568 Feb 20 j 14:38	0°♂		inferior conj	-3566 Jul 22 j 17:01	0°☿01'53	-7°-47'-26
				minimum elong	-3566 Jul 22 j 08:08	0°☿15'19	7°46'03
superior conj	-3568 Mar 05 j 13:06	17°♂08'50	-1°-18'-40		-3566 Jul 22 j 18:16	30°♂II	
minimum elong	-3568 Mar 05 j 19:06	17°♂27'16	1°18'41	min. Earth dist.	-3566 Jul 23 j 00:22	29°II50'45	0.27727 AU
max. Earth dist.	-3568 Mar 06 j 18:32	18°♂39'18	1.73454 AU	morning rise	-3566 Jul 26 j 10:07	27°II48'44	
	-3568 Mar 16 j 00:06	0°♂		direct	-3566 Aug 12 j 20:43	22°II05'29	
	-3568 Apr 09 j 10:43	0°♂		greatest brilliancy	-3566 Aug 27 j 00:43	25°II42'35	-4.6m
evening rise	-3568 Apr 11 j 08:39	2°♂20'47			-3566 Sep 03 j 13:15	0°☿	
asc. node	-3568 Apr 18 j 04:46	10°♂43'41		morning max el	-3566 Oct 02 j 12:14	25°☿09'07	46°49'05
	-3568 May 03 j 22:25	0°♂		asc. node	-3566 Oct 04 j 00:04	26°☿40'49	
	-3568 May 28 j 11:18	0°II			-3566 Oct 07 j 04:40	0°♂	
	-3568 Jun 22 j 02:10	0°☿			-3566 Nov 03 j 03:13	0°♂	
	-3568 Jul 16 j 20:56	0°♂			-3566 Nov 28 j 11:17	0°♂	
desc. node	-3568 Aug 07 j 23:09	26°♂26'36			-3566 Dec 23 j 06:44	0°♂	
	-3568 Aug 10 j 23:07	0°♂			-3565 Jan 16 j 22:47	0°♂	
	-3568 Sep 05 j 15:39	0°♂		desc. node	-3565 Jan 23 j 19:57	8°♂22'43	
	-3568 Oct 02 j 17:03	0°♂			-3565 Feb 10 j 14:12	0°♂	
evening max el	-3568 Oct 09 j 10:52	7°♂00'34	47°33'40		-3565 Mar 07 j 05:11	0°♂	
	-3568 Nov 03 j 19:33	0°♂			-3565 Mar 31 j 19:08	0°♂	
greatest brilliancy	-3568 Nov 16 j 10:44	7°♂49'31	-4.7m	morning set	-3565 Apr 07 j 00:46	7°♂37'13	
asc. node	-3568 Nov 28 j 20:56	11°♂05'31			-3565 Apr 25 j 07:22	0°♂	
retrograde	-3568 Nov 29 j 14:51	11°♂06'12		max. Earth dist.	-3565 May 10 j 08:30	18°♂28'25	1.73561 AU
evening set	-3568 Dec 14 j 18:37	6°♂27'47					
min. Earth dist.	-3568 Dec 19 j 10:10	3°♂39'03	0.27371 AU	superior conj	-3565 May 12 j 23:28	21°♂42'00	0°-8'-46
inferior conj	-3568 Dec 20 j 11:56	2°♂58'24	5°03'04	minimum elong	-3565 May 13 j 01:10	21°♂47'16	0°08'39

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

behind sun begin	-3565 May 12 j 06:29	20° Υ 49'47		greatest brilliancy	-3563 Nov 06 j 13:24	9° \mathfrak{M} 58'41	-4.7m
behind sun end	-3565 May 13 j 19:52	22° Υ 44'45			-3563 Dec 04 j 02:41	0° $\underline{\mathfrak{A}}$	
asc. node	-3565 May 16 j 17:06	26° Υ 17'46		morning max el	-3563 Dec 14 j 18:15	10° $\underline{\mathfrak{A}}$ 20'45	46°42'19
	-3565 May 19 j 17:17	0° \mathfrak{B}			-3562 Jan 02 j 08:28	0° \mathfrak{M}	
	-3565 Jun 13 j 00:36	0° Π			-3562 Jan 28 j 23:41	0° \mathfrak{A}	
evening rise	-3565 Jun 17 j 14:13	5° Π 39'13		desc. node	-3562 Feb 20 j 07:47	25° \mathfrak{A} 57'40	
	-3565 Jul 07 j 05:44	0° \mathfrak{E}			-3562 Feb 23 j 18:24	0° \mathfrak{E}	
	-3565 Jul 31 j 10:02	0° \mathfrak{Q}			-3562 Mar 21 j 03:04	0° \approx	
	-3565 Aug 24 j 15:25	0° \mathfrak{M}			-3562 Apr 15 j 04:46	0° \mathfrak{H}	
desc. node	-3565 Sep 05 j 11:22	14° \mathfrak{M} 35'45			-3562 May 10 j 00:15	0° Υ	
	-3565 Sep 18 j 00:03	0° $\underline{\mathfrak{A}}$			-3562 Jun 03 j 13:32	0° \mathfrak{B}	
	-3565 Oct 12 j 14:37	0° \mathfrak{M}		morning set	-3562 Jun 12 j 19:57	11° \mathfrak{B} 24'24	
	-3565 Nov 06 j 16:40	0° \mathfrak{A}		asc. node	-3562 Jun 13 j 05:11	11° \mathfrak{B} 52'55	
	-3565 Dec 02 j 20:49	0° \mathfrak{E}			-3562 Jun 27 j 20:42	0° Π	
evening max el	-3565 Dec 20 j 12:04	18° \mathfrak{E} 43'21	46°29'24	max. Earth dist.	-3562 Jul 15 j 00:31	21° Π 21'18	1.72116 AU
asc. node	-3565 Dec 27 j 08:38	25° \mathfrak{E} 27'15					
	-3564 Jan 01 j 06:05	0° \approx		superior conj	-3562 Jul 19 j 09:22	26° Π 48'37	1°11'30
greatest brilliancy	-3564 Jan 24 j 14:30	17° \approx 05'22	-4.6m	minimum elong	-3562 Jul 19 j 01:14	26° Π 23'13	1°11'25
retrograde	-3564 Feb 08 j 13:37	21° \approx 05'53			-3562 Jul 21 j 22:37	0° \mathfrak{E}	
evening set	-3564 Feb 26 j 06:01	15° \approx 01'17			-3562 Aug 14 j 21:08	0° \mathfrak{Q}	
inferior conj	-3564 Feb 29 j 22:05	12° \approx 42'20	8°00'05	evening rise	-3562 Aug 26 j 01:37	14° \mathfrak{Q} 02'40	
minimum elong	-3564 Mar 01 j 02:42	12° \approx 34'58	7°59'38		-3562 Sep 07 j 18:39	0° \mathfrak{M}	
min. Earth dist.	-3564 Feb 29 j 20:33	12° \approx 44'48	0.29193 AU		-3562 Oct 01 j 17:12	0° $\underline{\mathfrak{A}}$	
morning rise	-3564 Mar 04 j 23:36	10° \approx 09'31		desc. node	-3562 Oct 02 j 23:43	1° $\underline{\mathfrak{A}}$ 35'27	
direct	-3564 Mar 22 j 11:55	4° \approx 19'18			-3562 Oct 25 j 18:18	0° \mathfrak{M}	
greatest brilliancy	-3564 Apr 03 j 18:26	7° \approx 00'20	-4.5m		-3562 Nov 18 j 23:31	0° \mathfrak{A}	
desc. node	-3564 Apr 17 j 04:38	14° \approx 37'13			-3562 Dec 13 j 11:55	0° \mathfrak{E}	
	-3564 May 05 j 22:05	0° \mathfrak{H}			-3561 Jan 07 j 14:01	0° \approx	
morning max el	-3564 May 10 j 08:02	4° \mathfrak{H} 07'58	45°48'39	asc. node	-3561 Jan 23 j 20:20	18° \approx 49'00	
	-3564 Jun 04 j 14:18	0° Υ			-3561 Feb 02 j 19:50	0° \mathfrak{H}	
	-3564 Jul 01 j 08:40	0° \mathfrak{B}		evening max el	-3561 Mar 01 j 07:31	27° \mathfrak{H} 35'14	45°16'30
	-3564 Jul 26 j 19:02	0° Π			-3561 Mar 03 j 20:19	0° Υ	
asc. node	-3564 Aug 08 j 02:54	14° Π 55'44		greatest brilliancy	-3561 Apr 04 j 12:03	23° Υ 36'52	-4.5m
	-3564 Aug 20 j 09:48	0° \mathfrak{E}		retrograde	-3561 Apr 18 j 15:05	27° Υ 05'27	
	-3564 Sep 13 j 12:22	0° \mathfrak{Q}		evening set	-3561 May 03 j 20:05	22° Υ 41'44	
	-3564 Oct 07 j 08:49	0° \mathfrak{M}		inferior conj	-3561 May 10 j 02:08	18° Υ 59'04	1°17'14
	-3564 Oct 31 j 03:55	0° $\underline{\mathfrak{A}}$		minimum elong	-3561 May 10 j 04:56	18° Υ 54'43	1°16'28
morning set	-3564 Nov 07 j 19:49	9° $\underline{\mathfrak{A}}$ 38'47		min. Earth dist.	-3561 May 10 j 17:55	18° Υ 34'32	0.28912 AU
	-3564 Nov 24 j 00:41	0° \mathfrak{M}		desc. node	-3561 May 15 j 16:14	15° Υ 36'27	
desc. node	-3564 Nov 27 j 22:04	4° \mathfrak{M} 52'41		morning rise	-3561 May 16 j 13:05	15° Υ 07'22	
	-3564 Dec 18 j 00:17	0° \mathfrak{A}		direct	-3561 May 31 j 20:02	10° Υ 39'06	
				greatest brilliancy	-3561 Jun 15 j 09:22	14° Υ 18'17	-4.5m
superior conj	-3564 Dec 20 j 00:52	2° \mathfrak{A} 31'29	0°-48'-25		-3561 Jul 08 j 00:26	0° \mathfrak{B}	
minimum elong	-3564 Dec 19 j 14:10	1° \mathfrak{A} 58'08	0°48'08	morning max el	-3561 Jul 20 j 05:44	11° \mathfrak{B} 16'14	46°13'29
max. Earth dist.	-3564 Dec 24 j 18:03	8° \mathfrak{A} 24'13	1.71930 AU		-3561 Aug 07 j 08:43	0° Π	
	-3563 Jan 11 j 02:53	0° \mathfrak{E}			-3561 Sep 02 j 20:34	0° \mathfrak{E}	
evening rise	-3563 Jan 29 j 09:00	22° \mathfrak{E} 36'26		asc. node	-3561 Sep 05 j 14:45	3° \mathfrak{E} 14'39	
	-3563 Feb 04 j 08:42	0° \approx			-3561 Sep 27 j 21:01	0° \mathfrak{Q}	
	-3563 Feb 28 j 18:27	0° \mathfrak{H}			-3561 Oct 22 j 05:06	0° \mathfrak{M}	
asc. node	-3563 Mar 20 j 18:39	24° \mathfrak{H} 24'11			-3561 Nov 15 j 07:00	0° $\underline{\mathfrak{A}}$	
	-3563 Mar 25 j 09:20	0° Υ			-3561 Dec 09 j 08:27	0° \mathfrak{M}	
	-3563 Apr 19 j 06:51	0° \mathfrak{B}		desc. node	-3561 Dec 26 j 10:07	21° \mathfrak{M} 13'21	
	-3563 May 14 j 13:16	0° Π			-3560 Jan 02 j 11:55	0° \mathfrak{A}	
	-3563 Jun 09 j 09:32	0° \mathfrak{E}		morning set	-3560 Jan 24 j 13:26	27° \mathfrak{A} 18'10	
	-3563 Jul 06 j 08:18	0° \mathfrak{Q}			-3560 Jan 26 j 17:49	0° \mathfrak{E}	
desc. node	-3563 Jul 10 j 13:18	4° \mathfrak{Q} 29'45			-3560 Feb 20 j 01:41	0° \approx	
evening max el	-3563 Jul 26 j 07:14	20° \mathfrak{Q} 37'02	46°48'38				
	-3563 Aug 05 j 06:00	0° \mathfrak{M}		superior conj	-3560 Mar 03 j 05:31	14° \approx 58'01	-1°-19'-44
greatest brilliancy	-3563 Sep 03 j 22:29	20° \mathfrak{M} 22'47	-4.7m	minimum elong	-3560 Mar 03 j 10:59	15° \approx 14'49	1°19'47
retrograde	-3563 Sep 14 j 08:57	22° \mathfrak{M} 23'34		max. Earth dist.	-3560 Mar 04 j 12:32	16° \approx 33'24	1.73422 AU
evening set	-3563 Sep 30 j 11:16	17° \mathfrak{M} 23'38			-3560 Mar 15 j 11:03	0° \mathfrak{H}	
inferior conj	-3563 Oct 04 j 22:44	14° \mathfrak{M} 43'44	-6°-13'-1		-3560 Apr 08 j 21:42	0° Υ	
minimum elong	-3563 Oct 05 j 09:29	14° \mathfrak{M} 27'21	6°10'27	evening rise	-3560 Apr 09 j 03:02	0° Υ 16'22	
min. Earth dist.	-3563 Oct 05 j 05:10	14° \mathfrak{M} 33'56	0.26455 AU	asc. node	-3560 Apr 17 j 06:56	10° Υ 16'32	
morning rise	-3563 Oct 10 j 07:37	11° \mathfrak{M} 34'13			-3560 May 03 j 09:32	0° \mathfrak{B}	
direct	-3563 Oct 25 j 06:36	7° \mathfrak{M} 08'42			-3560 May 27 j 22:44	0° Π	
asc. node	-3563 Oct 31 j 11:28	7° \mathfrak{M} 54'07			-3560 Jun 21 j 14:06	0° \mathfrak{E}	

	-3560 Jul 16 j 09:35	0°♈			-3558 Nov 28 j 00:53	0°♈		
desc. node	-3560 Aug 07 j 01:18	25°♈52'34			-3558 Dec 22 j 19:19	0°♈		
	-3560 Aug 10 j 12:56	0°♐			-3557 Jan 16 j 10:42	0°♐		
	-3560 Sep 05 j 07:33	0°♐		desc. node	-3557 Jan 22 j 22:04	7°♐53'18		
	-3560 Oct 02 j 13:49	0°♈			-3557 Feb 10 j 01:40	0°♐		
evening max el	-3560 Oct 07 j 01:29	4°♈37'50	47°34'07		-3557 Mar 06 j 16:18	0°♐		
	-3560 Nov 04 j 18:14	0°♐			-3557 Mar 31 j 06:00	0°♐		
greatest brilliancy	-3560 Nov 14 j 02:28	5°♐26'42	-4.7m	morning set	-3557 Apr 04 j 19:00	5°♐33'06		
retrograde	-3560 Nov 27 j 05:42	8°♐42'31			-3557 Apr 24 j 18:06	0°♐		
asc. node	-3560 Nov 27 j 23:02	8°♐41'52		max. Earth dist.	-3557 May 08 j 05:53	16°♐33'38	1.73584 AU	
evening set	-3560 Dec 12 j 06:41	4°♐07'18						
min. Earth dist.	-3560 Dec 17 j 00:26	1°♐15'53	0.27301 AU	superior conj	-3557 May 10 j 18:15	19°♐39'10	0°-11'-48	
inferior conj	-3560 Dec 18 j 02:04	0°♐35'35	4°45'07	minimum elong	-3557 May 10 j 20:32	19°♐46'13	0°11'40	
minimum elong	-3560 Dec 17 j 17:21	0°♐49'18	4°42'46	behind sun begin	-3557 May 10 j 05:28	18°♐59'52		
	-3560 Dec 19 j 00:44	30°♈		behind sun end	-3557 May 11 j 11:37	20°♐32'35		
morning rise	-3560 Dec 23 j 04:45	27°♈29'00		asc. node	-3557 May 15 j 19:08	25°♐50'59		
direct	-3559 Jan 07 j 14:49	22°♈44'18			-3557 May 19 j 04:01	0°♐		
greatest brilliancy	-3559 Jan 18 j 07:01	24°♈51'05	-4.6m		-3557 Jun 12 j 11:26	0°♐		
	-3559 Jan 28 j 09:58	0°♐		evening rise	-3557 Jun 15 j 08:59	3°♐35'05		
morning max el	-3559 Feb 25 j 19:11	23°♐26'14	46°04'56		-3557 Jul 06 j 16:47	0°♐		
	-3559 Mar 04 j 11:11	0°♐			-3557 Jul 30 j 21:23	0°♈		
desc. node	-3559 Mar 19 j 19:28	15°♐56'00			-3557 Aug 24 j 03:10	0°♐		
	-3559 Apr 01 j 18:08	0°♐		desc. node	-3557 Sep 04 j 13:34	14°♐05'43		
	-3559 Apr 28 j 06:58	0°♐			-3557 Sep 17 j 12:18	0°♐		
	-3559 May 23 j 22:26	0°♐			-3557 Oct 12 j 03:36	0°♈		
asc. node	-3559 Jun 17 j 23:12	0°♐			-3557 Nov 06 j 06:54	0°♐		
	-3559 Jul 10 j 17:07	27°♐47'10			-3557 Dec 02 j 13:55	0°♐		
	-3559 Jul 12 j 12:14	0°♐		evening max el	-3557 Dec 18 j 03:39	16°♐28'03	46°32'21	
	-3559 Aug 05 j 15:58	0°♐		asc. node	-3557 Dec 26 j 10:41	24°♐34'22		
greatest brilliancy	-3559 Aug 20 j 02:45	18°♐06'53	-3.9m		-3556 Jan 01 j 09:48	0°♐		
morning set	-3559 Aug 21 j 17:40	20°♐09'12		greatest brilliancy	-3556 Jan 22 j 09:26	14°♐58'30	-4.6m	
	-3559 Aug 29 j 13:25	0°♈		retrograde	-3556 Feb 06 j 06:27	18°♐56'46		
	-3559 Sep 22 j 08:00	0°♐		evening set	-3556 Feb 24 j 00:07	12°♐50'39		
				inferior conj	-3556 Feb 27 j 15:00	10°♐33'14	8°04'59	
superior conj	-3559 Sep 30 j 04:04	9°♐53'30	1°03'04	minimum elong	-3556 Feb 27 j 18:59	10°♐26'51	8°04'38	
minimum elong	-3559 Sep 30 j 15:14	10°♐28'44	1°02'45	min. Earth dist.	-3556 Feb 27 j 12:12	10°♐37'42	0.29165 AU	
max. Earth dist.	-3559 Oct 01 j 13:52	11°♐40'10	1.70884 AU	morning rise	-3556 Mar 02 j 14:04	8°♐03'49		
	-3559 Oct 16 j 02:44	0°♐		direct	-3556 Mar 20 j 04:24	2°♐10'56		
desc. node	-3559 Oct 30 j 12:00	18°♐05'50		greatest brilliancy	-3556 Apr 01 j 07:35	4°♐48'21	-4.5m	
	-3559 Nov 08 j 23:33	0°♈		desc. node	-3556 Apr 16 j 06:45	13°♐28'55		
evening rise	-3559 Nov 11 j 10:47	3°♈05'38			-3556 May 05 j 21:46	0°♐		
	-3559 Dec 02 j 23:21	0°♐		morning max el	-3556 May 07 j 23:17	1°♐57'01	45°48'20	
	-3559 Dec 27 j 02:59	0°♐			-3556 Jun 04 j 06:16	0°♐		
	-3558 Jan 20 j 12:13	0°♐			-3556 Jun 30 j 22:07	0°♐		
	-3558 Feb 14 j 06:29	0°♐			-3556 Jul 26 j 07:18	0°♐		
asc. node	-3558 Feb 20 j 08:32	7°♐16'30		asc. node	-3556 Aug 07 j 05:08	14°♐26'11		
	-3558 Mar 11 j 15:12	0°♐			-3556 Aug 19 j 21:28	0°♐		
	-3558 Apr 06 j 23:59	0°♐			-3556 Sep 12 j 23:45	0°♈		
	-3558 May 05 j 09:38	0°♐			-3556 Oct 06 j 20:02	0°♐		
evening max el	-3558 May 11 j 11:15	5°♐53'57	45°24'09		-3556 Oct 30 j 15:03	0°♐		
	-3558 Jun 10 j 23:50	0°♐		morning set	-3556 Nov 05 j 05:44	7°♐04'05		
desc. node	-3558 Jun 12 j 03:49	0°♐37'49			-3556 Nov 23 j 11:43	0°♈		
greatest brilliancy	-3558 Jun 17 j 12:05	3°♐05'41	-4.5m	desc. node	-3556 Nov 27 j 00:05	4°♈24'30		
retrograde	-3558 Jun 29 j 05:30	5°♐30'34						
evening set	-3558 Jul 15 j 15:44	0°♐26'44		superior conj	-3556 Dec 17 j 11:21	0°♐00'29	0°-45'-14	
	-3558 Jul 16 j 10:29	30°♈		minimum elong	-3556 Dec 17 j 01:01	29°♈28'17	0°44'57	
inferior conj	-3558 Jul 20 j 06:42	27°♐42'26	-7°-36'-8		-3556 Dec 17 j 11:12	0°♐		
minimum elong	-3558 Jul 19 j 21:25	27°♐56'31	7°34'36	max. Earth dist.	-3556 Dec 22 j 07:54	6°♐03'50	1.71867 AU	
min. Earth dist.	-3558 Jul 20 j 13:41	27°♐31'50	0.27767 AU		-3555 Jan 10 j 13:43	0°♐		
morning rise	-3558 Jul 24 j 02:52	25°♐24'38		evening rise	-3555 Jan 26 j 22:52	20°♐17'28		
direct	-3558 Aug 10 j 11:36	19°♐45'30			-3555 Feb 03 j 19:32	0°♐		
greatest brilliancy	-3558 Aug 24 j 14:57	23°♐21'48	-4.6m		-3555 Feb 28 j 05:24	0°♐		
	-3558 Sep 04 j 13:31	0°♐		asc. node	-3555 Mar 19 j 20:47	23°♐56'46		
morning max el	-3558 Sep 30 j 02:09	22°♐45'33	46°48'29		-3555 Mar 24 j 20:34	0°♐		
asc. node	-3558 Oct 03 j 02:12	25°♐50'50			-3555 Apr 18 j 18:38	0°♐		
	-3558 Oct 07 j 01:02	0°♈			-3555 May 14 j 02:01	0°♐		
	-3558 Nov 02 j 18:46	0°♐			-3555 Jun 09 j 00:03	0°♐		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3555 Jul 06 j 02:31	0°♈				-3552 Jan 26 j 04:50	0°♉		
desc. node	-3555 Jul 09 j 15:29	3°♈45'12				-3552 Feb 19 j 12:32	0°♊		
evening max el	-3555 Jul 23 j 18:44	18°♈09'12	46°45'31						
	-3555 Aug 05 j 12:24	0°♋			superior conj	-3552 Feb 29 j 22:07	12°♊48'17	-1°-20'-41	
greatest brilliancy	-3555 Sep 01 j 12:20	17°♋55'09	-4.7m		minimum elong	-3552 Mar 01 j 03:01	13°♊03'22	1°20'45	
retrograde	-3555 Sep 11 j 20:00	19°♋53'42			max. Earth dist.	-3552 Mar 02 j 07:39	14°♊31'26	1.73385 AU	
evening set	-3555 Sep 28 j 02:32	14°♋49'06				-3552 Mar 14 j 21:47	0°♋		
inferior conj	-3555 Oct 02 j 10:40	12°♋14'14	-6°-30'-22		evening rise	-3552 Apr 06 j 21:44	28°♋13'38		
minimum elong	-3555 Oct 02 j 21:28	11°♋57'48	6°27'54			-3552 Apr 08 j 08:27	0°♌		
min. Earth dist.	-3555 Oct 02 j 18:23	12°♋02'30	0.26480 AU		asc. node	-3552 Apr 16 j 09:00	9°♌49'46		
morning rise	-3555 Oct 07 j 16:13	9°♋09'12				-3552 May 02 j 20:28	0°♍		
direct	-3555 Oct 22 j 18:17	4°♋38'36				-3552 May 27 j 10:01	0°♎		
asc. node	-3555 Oct 30 j 13:34	5°♋49'28				-3552 Jun 21 j 01:57	0°♏		
greatest brilliancy	-3555 Nov 04 j 04:33	7°♋31'49	-4.7m			-3552 Jul 15 j 22:15	0°♐		
	-3555 Dec 04 j 06:28	0°♑			desc. node	-3552 Aug 06 j 03:28	25°♐18'27		
morning max el	-3555 Dec 12 j 06:41	7°♑52'31	46°43'34			-3552 Aug 10 j 02:51	0°♑		
	-3554 Jan 02 j 02:10	0°♒				-3552 Sep 04 j 23:42	0°♑		
	-3554 Jan 28 j 14:04	0°♓				-3552 Oct 02 j 11:19	0°♒		
desc. node	-3554 Feb 19 j 10:00	25°♓26'12			evening max el	-3552 Oct 04 j 17:01	2°♒17'36	47°34'37	
	-3554 Feb 23 j 07:09	0°♉				-3552 Nov 06 j 01:28	0°♓		
	-3554 Mar 20 j 14:54	0°♊			greatest brilliancy	-3552 Nov 11 j 18:18	3°♓04'11	-4.7m	
	-3554 Apr 14 j 16:03	0°♋			retrograde	-3552 Nov 24 j 20:52	6°♓18'44		
	-3554 May 09 j 11:13	0°♌			asc. node	-3552 Nov 27 j 01:08	6°♓12'44		
	-3554 Jun 03 j 00:20	0°♍			evening set	-3552 Dec 09 j 18:57	1°♓46'39		
morning set	-3554 Jun 10 j 14:07	9°♍19'14				-3552 Dec 12 j 19:13	30°♒♌		
asc. node	-3554 Jun 12 j 07:16	11°♍26'03			min. Earth dist.	-3552 Dec 14 j 14:26	28°♒52'56	0.27227 AU	
	-3554 Jun 27 j 07:27	0°♎			inferior conj	-3552 Dec 15 j 16:08	28°♒12'39	4°26'41	
max. Earth dist.	-3554 Jul 12 j 18:17	19°♎13'19	1.72179 AU		minimum elong	-3552 Dec 15 j 07:45	28°♒25'48	4°24'20	
					morning rise	-3552 Dec 20 j 21:23	25°♒03'03		
superior conj	-3554 Jul 17 j 02:07	24°♎37'18	1°09'42		direct	-3551 Jan 05 j 04:39	20°♒22'38		
minimum elong	-3554 Jul 16 j 17:44	24°♎11'08	1°09'37		greatest brilliancy	-3551 Jan 15 j 20:10	22°♒29'31	-4.6m	
	-3554 Jul 21 j 09:25	0°♏				-3551 Jan 29 j 12:41	0°♓		
	-3554 Aug 14 j 08:05	0°♐			morning max el	-3551 Feb 23 j 10:32	21°♓11'52	46°06'08	
evening rise	-3554 Aug 23 j 14:55	11°♐39'14				-3551 Mar 04 j 07:33	0°♉		
	-3554 Sep 07 j 05:45	0°♑			desc. node	-3551 Mar 18 j 21:27	15°♉15'52		
	-3554 Oct 01 j 04:30	0°♒				-3551 Apr 01 j 09:19	0°♊		
desc. node	-3554 Oct 02 j 01:47	1°♒06'30				-3551 Apr 27 j 20:02	0°♋		
	-3554 Oct 25 j 05:51	0°♓				-3551 May 23 j 10:26	0°♌		
	-3554 Nov 18 j 11:24	0°♔				-3551 Jun 17 j 10:38	0°♍		
	-3554 Dec 13 j 00:18	0°♕			asc. node	-3551 Jul 09 j 19:23	27°♍19'41		
	-3553 Jan 07 j 03:25	0°♖				-3551 Jul 11 j 23:24	0°♎		
asc. node	-3553 Jan 22 j 22:37	18°♖14'14				-3551 Aug 05 j 03:03	0°♏		
	-3553 Feb 02 j 11:35	0°♗			morning set	-3551 Aug 19 j 07:44	17°♏47'47		
evening max el	-3553 Feb 26 j 22:40	25°♗23'48	45°18'01			-3551 Aug 29 j 00:30	0°♐		
	-3553 Mar 03 j 19:44	0°♘				-3551 Sep 21 j 19:08	0°♑		
greatest brilliancy	-3553 Apr 02 j 01:21	21°♘26'10	-4.5m						
retrograde	-3553 Apr 16 j 07:53	24°♘58'43			superior conj	-3551 Sep 27 j 14:43	7°♑20'26	1°05'34	
evening set	-3553 May 01 j 13:52	20°♘32'17			minimum elong	-3551 Sep 28 j 01:39	7°♑54'54	1°05'17	
inferior conj	-3553 May 07 j 18:36	16°♘51'15	1°36'15		max. Earth dist.	-3551 Sep 28 j 18:56	8°♑49'27	1.70889 AU	
minimum elong	-3553 May 07 j 22:03	16°♘45'53	1°35'18			-3551 Oct 15 j 13:56	0°♒		
min. Earth dist.	-3553 May 08 j 10:25	16°♘26'40	0.28950 AU		desc. node	-3551 Oct 29 j 14:01	17°♒36'53		
morning rise	-3553 May 14 j 05:36	12°♘59'37				-3551 Nov 08 j 10:49	0°♓		
desc. node	-3553 May 14 j 18:15	12°♘42'29			evening rise	-3551 Nov 08 j 19:18	0°♓26'36		
direct	-3553 May 29 j 12:41	8°♘30'30				-3551 Dec 02 j 10:41	0°♔		
greatest brilliancy	-3553 Jun 13 j 02:40	12°♘10'42	-4.5m			-3551 Dec 26 j 14:24	0°♕		
	-3553 Jul 08 j 04:14	0°♙				-3550 Jan 19 j 23:53	0°♖		
morning max el	-3553 Jul 17 j 22:28	9°♙06'16	46°12'09			-3550 Feb 13 j 18:39	0°♗		
	-3553 Aug 07 j 01:48	0°♚			asc. node	-3550 Feb 19 j 10:40	6°♗46'05		
	-3553 Sep 02 j 10:41	0°♛				-3550 Mar 11 j 04:23	0°♘		
asc. node	-3553 Sep 04 j 16:53	2°♛39'48				-3550 Apr 06 j 15:22	0°♙		
	-3553 Sep 27 j 09:51	0°♜				-3550 May 05 j 06:56	0°♚		
	-3553 Oct 21 j 17:15	0°♝			evening max el	-3550 May 09 j 02:27	3°♚40'44	45°22'23	
	-3553 Nov 14 j 18:43	0°♞			desc. node	-3550 Jun 11 j 05:57	29°♚07'03		
	-3553 Dec 08 j 19:52	0°♟				-3550 Jun 13 j 03:15	0°♛		
desc. node	-3553 Dec 25 j 12:13	20°♟44'50			greatest brilliancy	-3550 Jun 15 j 00:19	0°♛47'06	-4.5m	
	-3552 Jan 01 j 23:07	0°♠			retrograde	-3550 Jun 26 j 18:48	3°♛12'49		
morning set	-3552 Jan 22 j 02:10	24°♠55'08				-3550 Jul 09 j 17:12	30°♜♚		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening set	-3550 Jul 13 j 01:59	28°II14'21		minimum elong	-3548 Dec 14 j 11:28	26°III55'48	0°41'37
inferior conj	-3550 Jul 17 j 20:46	25°II24'23	-7°-24'-13		-3548 Dec 16 j 22:30	0°♂	
minimum elong	-3550 Jul 17 j 11:08	25°II39'02	7°22'32	max. Earth dist.	-3548 Dec 19 j 17:41	3°♂29'30	1.71809 AU
min. Earth dist.	-3550 Jul 18 j 03:40	25°II13'52	0.27811 AU		-3547 Jan 10 j 00:58	0°♂	
morning rise	-3550 Jul 21 j 20:00	23°II01'46		evening rise	-3547 Jan 24 j 12:03	17°♂55'02	
direct	-3550 Aug 08 j 02:28	17°II26'45			-3547 Feb 03 j 06:47	0°≈	
greatest brilliancy	-3550 Aug 22 j 05:32	21°II01'59	-4.6m		-3547 Feb 27 j 16:46	0°♂	
	-3550 Sep 05 j 07:23	0°♂		asc. node	-3547 Mar 18 j 22:49	23°♂27'55	
morning max el	-3550 Sep 27 j 15:23	20°♂19'56	46°47'31		-3547 Mar 24 j 08:12	0°♀	
asc. node	-3550 Oct 02 j 04:17	25°♂01'04			-3547 Apr 18 j 06:48	0°♂	
	-3550 Oct 06 j 20:58	0°♂			-3547 May 13 j 15:12	0°II	
	-3550 Nov 02 j 10:21	0°♂			-3547 Jun 08 j 15:03	0°♂	
	-3550 Nov 27 j 14:40	0°♂			-3547 Jul 05 j 21:28	0°♂	
	-3550 Dec 22 j 08:05	0°III		desc. node	-3547 Jul 08 j 17:42	2°♂59'23	
	-3549 Jan 15 j 22:48	0°♂		evening max el	-3547 Jul 21 j 06:29	15°♂41'41	46°42'35
desc. node	-3549 Jan 22 j 00:18	7°♂23'38			-3547 Aug 05 j 21:24	0°♂	
	-3549 Feb 09 j 13:16	0°♂		greatest brilliancy	-3547 Aug 30 j 01:31	15°♂26'57	-4.6m
	-3549 Mar 06 j 03:33	0°≈		retrograde	-3547 Sep 09 j 07:47	17°♂24'31	
	-3549 Mar 30 j 17:01	0°♂		evening set	-3547 Sep 25 j 18:01	12°♂14'52	
morning set	-3549 Apr 02 j 13:18	3°♂28'42		inferior conj	-3547 Sep 29 j 22:53	9°♂45'05	-6°-46'-40
	-3549 Apr 24 j 05:01	0°♀		minimum elong	-3547 Sep 30 j 09:39	9°♂28'45	6°44'21
max. Earth dist.	-3549 May 06 j 02:12	14°♀35'12	1.73604 AU	min. Earth dist.	-3547 Sep 30 j 07:34	9°♂31'55	0.26511 AU
				morning rise	-3547 Oct 05 j 01:01	6°♂45'00	
superior conj	-3549 May 08 j 13:23	17°♀37'01	0°-14'-47	direct	-3547 Oct 20 j 06:30	2°♂08'44	
minimum elong	-3549 May 08 j 16:15	17°♀45'49	0°14'38	asc. node	-3547 Oct 29 j 15:43	3°♂50'01	
behind sun begin	-3549 May 08 j 07:52	17°♀20'05		greatest brilliancy	-3547 Nov 01 j 19:56	5°♂05'24	-4.7m
behind sun end	-3549 May 09 j 00:37	18°♀11'33			-3547 Dec 04 j 08:56	0°♂	
asc. node	-3549 May 14 j 21:16	25°♀24'02		morning max el	-3547 Dec 09 j 20:12	5°♂26'10	46°44'30
	-3549 May 18 j 14:55	0°♂			-3546 Jan 01 j 19:50	0°III	
	-3549 Jun 11 j 22:25	0°II			-3546 Jan 28 j 04:44	0°♂	
evening rise	-3549 Jun 13 j 04:13	1°II32'07		desc. node	-3546 Feb 18 j 11:59	24°♂52'47	
	-3549 Jul 06 j 03:57	0°♂			-3546 Feb 22 j 20:19	0°♂	
	-3549 Jul 30 j 08:52	0°♂			-3546 Mar 20 j 03:10	0°≈	
	-3549 Aug 23 j 15:06	0°♂			-3546 Apr 14 j 03:44	0°♂	
desc. node	-3549 Sep 03 j 15:36	13°♂34'30			-3546 May 08 j 22:32	0°♀	
	-3549 Sep 17 j 00:50	0°♂			-3546 Jun 02 j 11:28	0°♂	
	-3549 Oct 11 j 16:58	0°III		morning set	-3546 Jun 08 j 08:20	7°♂13'17	
	-3549 Nov 05 j 21:42	0°♂		asc. node	-3546 Jun 11 j 09:27	10°♂58'36	
	-3549 Dec 02 j 07:53	0°♂			-3546 Jun 26 j 18:31	0°II	
evening max el	-3549 Dec 15 j 18:21	14°♂08'58	46°35'24	max. Earth dist.	-3546 Jul 10 j 12:25	17°II05'35	1.72239 AU
asc. node	-3549 Dec 25 j 12:58	23°♂39'33					
	-3548 Jan 01 j 16:05	0°≈		superior conj	-3546 Jul 14 j 19:02	22°II25'36	1°07'49
greatest brilliancy	-3548 Jan 20 j 03:53	12°≈49'21	-4.6m	minimum elong	-3546 Jul 14 j 10:28	21°II58'52	1°07'43
retrograde	-3548 Feb 03 j 22:59	16°≈46'14			-3546 Jul 20 j 20:33	0°♂	
evening set	-3548 Feb 21 j 17:55	10°≈38'48			-3546 Aug 13 j 19:20	0°♂	
inferior conj	-3548 Feb 25 j 07:49	8°≈22'49	8°09'21	evening rise	-3546 Aug 21 j 04:40	9°♂16'22	
minimum elong	-3548 Feb 25 j 11:09	8°≈17'28	8°09'04		-3546 Sep 06 j 17:10	0°♂	
min. Earth dist.	-3548 Feb 25 j 04:03	8°≈28'51	0.29130 AU		-3546 Sep 30 j 16:06	0°♂	
morning rise	-3548 Feb 29 j 04:35	5°≈56'38		desc. node	-3546 Oct 01 j 03:50	0°♂36'40	
direct	-3548 Mar 17 j 20:16	0°≈01'08			-3546 Oct 24 j 17:40	0°III	
greatest brilliancy	-3548 Mar 29 j 21:23	2°≈35'58	-4.5m		-3546 Nov 17 j 23:34	0°♂	
desc. node	-3548 Apr 15 j 08:52	12°≈21'27			-3546 Dec 12 j 13:04	0°♂	
morning max el	-3548 May 05 j 14:10	29°≈44'13	45°48'15		-3545 Jan 06 j 17:19	0°≈	
	-3548 May 05 j 20:47	0°♂		asc. node	-3545 Jan 22 j 00:40	17°≈37'17	
	-3548 Jun 03 j 22:14	0°♀			-3545 Feb 02 j 04:04	0°♂	
	-3548 Jun 30 j 11:40	0°♂		evening max el	-3545 Feb 24 j 14:40	23°♂12'53	45°19'34
	-3548 Jul 25 j 19:44	0°II			-3545 Mar 03 j 21:00	0°♀	
asc. node	-3548 Aug 06 j 07:15	13°II55'38		greatest brilliancy	-3545 Mar 30 j 15:33	19°♀14'59	-4.5m
	-3548 Aug 19 j 09:20	0°♂		retrograde	-3545 Apr 14 j 00:44	22°♀50'06	
	-3548 Sep 12 j 11:19	0°♂		evening set	-3545 Apr 29 j 07:42	18°♀21'08	
	-3548 Oct 06 j 07:29	0°♂		inferior conj	-3545 May 05 j 10:54	14°♀41'46	1°55'09
	-3548 Oct 30 j 02:27	0°♂		minimum elong	-3545 May 05 j 15:00	14°♀35'24	1°54'02
morning set	-3548 Nov 02 j 15:38	4°♂28'17		min. Earth dist.	-3545 May 06 j 02:33	14°♀17'27	0.28983 AU
	-3548 Nov 22 j 23:04	0°III		morning rise	-3545 May 11 j 21:48	10°♀50'23	
desc. node	-3548 Nov 26 j 02:15	3°III55'43		desc. node	-3545 May 13 j 20:25	9°♀49'22	
				direct	-3545 May 27 j 05:31	6°♀20'29	
superior conj	-3548 Dec 14 j 21:20	27°III26'36	0°-41'-55	greatest brilliancy	-3545 Jun 10 j 18:39	10°♀00'17	-4.5m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3545 Jul 08 j 06:55	0°♄				-3542 Jan 19 j 11:35	0°♁		
morning max el	-3545 Jul 15 j 15:21	6°♄55'55	46°10'50			-3542 Feb 13 j 06:52	0°♁		
	-3545 Aug 06 j 18:52	0°♂		asc. node		-3542 Feb 18 j 12:42	6°♁15'20		
	-3545 Sep 02 j 00:55	0°♂				-3542 Mar 10 j 17:42	0°♁		
asc. node	-3545 Sep 03 j 18:54	2°♂04'06				-3542 Apr 06 j 07:04	0°♄		
	-3545 Sep 26 j 22:51	0°♂				-3542 May 05 j 05:15	0°♂		
	-3545 Oct 21 j 05:34	0°♂		evening max el		-3542 May 06 j 16:49	1°♂25'04	45°20'30	
	-3545 Nov 14 j 06:37	0°♂		desc. node		-3542 Jun 10 j 08:10	27°♂32'19		
	-3545 Dec 08 j 07:28	0°♂		greatest brilliancy		-3542 Jun 12 j 12:48	28°♂28'07	-4.5m	
desc. node	-3545 Dec 24 j 14:23	20°♂15'59				-3542 Jun 17 j 06:07	0°♂		
	-3544 Jan 01 j 10:30	0°♂		retrograde		-3542 Jun 24 j 07:42	0°♂54'35		
morning set	-3544 Jan 19 j 14:56	22°♂31'23				-3542 Jul 01 j 04:06	30°♂♂		
	-3544 Jan 25 j 16:03	0°♂		evening set		-3542 Jul 10 j 12:11	26°♂01'13		
	-3544 Feb 18 j 23:37	0°♁		inferior conj		-3542 Jul 15 j 10:45	23°♂05'54	-7°-11'-34	
				minimum elong		-3542 Jul 15 j 00:50	23°♂21'01	7°09'43	
superior conj	-3544 Feb 27 j 14:24	10°♁36'41	-1°-21'-31	min. Earth dist.		-3542 Jul 15 j 18:01	22°♂54'49	0.27853 AU	
minimum elong	-3544 Feb 27 j 18:41	10°♁49'51	1°21'35	morning rise		-3542 Jul 19 j 13:06	20°♂38'27		
max. Earth dist.	-3544 Feb 29 j 03:45	12°♁31'34	1.73354 AU	direct		-3542 Aug 05 j 16:40	15°♂07'27		
	-3544 Mar 14 j 08:49	0°♁		greatest brilliancy		-3542 Aug 19 j 20:42	18°♂42'40	-4.6m	
evening rise	-3544 Apr 04 j 16:01	26°♁08'37				-3542 Sep 05 j 20:52	0°♂		
	-3544 Apr 07 j 19:32	0°♁		morning max el		-3542 Sep 25 j 04:00	17°♂52'45	46°46'42	
asc. node	-3544 Apr 15 j 11:07	9°♁22'14		asc. node		-3542 Oct 01 j 06:31	24°♂12'27		
	-3544 May 02 j 07:43	0°♄				-3542 Oct 06 j 16:19	0°♂		
	-3544 May 26 j 21:37	0°♂				-3542 Nov 02 j 01:41	0°♂		
	-3544 Jun 20 j 14:05	0°♂				-3542 Nov 27 j 04:17	0°♂		
	-3544 Jul 15 j 11:13	0°♂				-3542 Dec 21 j 20:45	0°♂		
desc. node	-3544 Aug 05 j 05:27	24°♂42'58				-3541 Jan 15 j 10:48	0°♂		
	-3544 Aug 09 j 17:07	0°♂		desc. node		-3541 Jan 21 j 02:15	6°♂53'19		
	-3544 Sep 04 j 16:21	0°♂				-3541 Feb 09 j 00:47	0°♂		
	-3544 Oct 02 j 09:51	0°♂				-3541 Mar 05 j 14:42	0°♁		
evening max el	-3544 Oct 02 j 09:07	29°♂58'07	47°34'55			-3541 Mar 30 j 03:57	0°♁		
	-3544 Nov 07 j 23:58	0°♂		morning set		-3541 Mar 31 j 07:36	1°♁24'33		
greatest brilliancy	-3544 Nov 09 j 10:57	0°♂42'02	-4.7m			-3541 Apr 23 j 15:50	0°♁		
retrograde	-3544 Nov 22 j 11:59	3°♂53'55		max. Earth dist.		-3541 May 03 j 22:37	12°♁37'22	1.73629 AU	
asc. node	-3544 Nov 26 j 03:22	3°♂37'06							
	-3544 Dec 06 j 05:55	30°♂♂		superior conj		-3541 May 06 j 08:30	15°♁35'08	0°-17'-46	
evening set	-3544 Dec 07 j 07:22	29°♂25'10		minimum elong		-3541 May 06 j 11:56	15°♁45'39	0°17'35	
min. Earth dist.	-3544 Dec 12 j 04:30	26°♂29'03	0.27152 AU	asc. node		-3541 May 13 j 23:27	24°♁57'29		
inferior conj	-3544 Dec 13 j 06:05	25°♂48'57	4°07'34			-3541 May 18 j 01:45	0°♄		
minimum elong	-3544 Dec 12 j 22:07	26°♂01'27	4°05'17	evening rise		-3541 Jun 10 j 23:22	29°♄29'07		
morning rise	-3544 Dec 18 j 13:49	22°♂36'18				-3541 Jun 11 j 09:22	0°♂		
direct	-3543 Jan 02 j 18:28	18°♂00'27				-3541 Jul 05 j 15:07	0°♂		
greatest brilliancy	-3543 Jan 13 j 08:31	20°♂06'24	-4.6m			-3541 Jul 29 j 20:22	0°♂		
	-3543 Jan 30 j 08:27	0°♂				-3541 Aug 23 j 03:02	0°♂		
morning max el	-3543 Feb 21 j 01:13	18°♂55'24	46°07'13	desc. node		-3541 Sep 02 j 17:40	13°♂03'37		
	-3543 Mar 04 j 03:25	0°♂				-3541 Sep 16 j 13:20	0°♂		
desc. node	-3543 Mar 17 j 23:36	14°♂36'08				-3541 Oct 11 j 06:18	0°♂		
	-3543 Apr 01 j 00:27	0°♁				-3541 Nov 05 j 12:29	0°♂		
	-3543 Apr 27 j 09:13	0°♁				-3541 Dec 02 j 02:05	0°♂		
	-3543 May 22 j 22:37	0°♁		evening max el		-3541 Dec 13 j 08:39	11°♂49'06	46°38'27	
	-3543 Jun 16 j 22:16	0°♄		asc. node		-3541 Dec 24 j 15:03	22°♂43'33		
asc. node	-3543 Jul 08 j 21:27	26°♄51'03				-3540 Jan 02 j 00:36	0°♁		
	-3543 Jul 11 j 10:45	0°♂		greatest brilliancy		-3540 Jan 17 j 21:21	10°♁39'03	-4.6m	
	-3543 Aug 04 j 14:15	0°♂		retrograde		-3540 Feb 01 j 15:37	14°♁36'05		
morning set	-3543 Aug 16 j 21:44	15°♂25'54		evening set		-3540 Feb 19 j 11:25	8°♁27'31		
	-3543 Aug 28 j 11:41	0°♂		inferior conj		-3540 Feb 23 j 00:36	6°♁12'42	8°12'59	
	-3543 Sep 21 j 06:21	0°♂		minimum elong		-3540 Feb 23 j 03:16	6°♁08'25	8°12'45	
				min. Earth dist.		-3540 Feb 22 j 19:55	6°♁20'13	0.29094 AU	
superior conj	-3543 Sep 25 j 01:33	4°♂47'44	1°07'55	morning rise		-3540 Feb 26 j 19:18	3°♁49'37		
minimum elong	-3543 Sep 25 j 12:10	5°♂21'12	1°07'40			-3540 Mar 05 j 03:00	30°♂♂		
max. Earth dist.	-3543 Sep 25 j 21:41	5°♂51'15	1.70898 AU	direct		-3540 Mar 15 j 11:46	27°♂51'34		
	-3543 Oct 15 j 01:14	0°♂				-3540 Mar 26 j 10:10	0°♁		
desc. node	-3543 Oct 28 j 16:10	17°♂08'04		greatest brilliancy		-3540 Mar 27 j 11:55	0°♁25'00	-4.5m	
evening rise	-3543 Nov 06 j 03:47	27°♂47'07		desc. node		-3540 Apr 14 j 11:00	11°♁16'25		
	-3543 Nov 07 j 22:10	0°♂		morning max el		-3540 May 03 j 05:27	27°♁33'06	45°48'16	
	-3543 Dec 01 j 22:05	0°♂				-3540 May 05 j 18:37	0°♁		
	-3543 Dec 26 j 01:54	0°♂				-3540 Jun 03 j 13:43	0°♁		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3540 Jun 30 j 00:56	0°♄	asc. node	-3537 Jan 21 j 02:44	17°≈01'00	
	-3540 Jul 25 j 07:57	0°♅		-3537 Feb 01 j 20:28	0°♄	
asc. node	-3540 Aug 05 j 09:17	13°♅25'20	evening max el	-3537 Feb 22 j 07:18	21°♄04'34	45°21'15
	-3540 Aug 18 j 21:02	0°♅		-3537 Mar 03 j 23:07	0°♄	
	-3540 Sep 11 j 22:45	0°♅	greatest brilliancy	-3537 Mar 28 j 07:00	17°♄06'43	-4.5m
	-3540 Oct 05 j 18:47	0°♄	retrograde	-3537 Apr 11 j 17:25	20°♄42'49	
	-3540 Oct 29 j 13:39	0°♅	evening set	-3537 Apr 27 j 01:49	16°♄11'27	
morning set	-3540 Oct 31 j 01:25	1°♅52'41	inferior conj	-3537 May 03 j 03:21	12°♄33'46	2°13'54
	-3540 Nov 22 j 10:11	0°♄	minimum elong	-3537 May 03 j 08:03	12°♄26'27	2°12'37
desc. node	-3540 Nov 25 j 04:21	3°♄27'27	min. Earth dist.	-3537 May 03 j 18:44	12°♄09'49	0.29012 AU
			morning rise	-3537 May 09 j 13:55	8°♄42'42	
superior conj	-3540 Dec 12 j 07:06	24°♄52'46 0°-38'-29	desc. node	-3537 May 12 j 22:33	7°♄01'07	
minimum elong	-3540 Dec 11 j 21:46	24°♄23'36 0°38'12	direct	-3537 May 24 j 22:41	4°♄12'08	
	-3540 Dec 16 j 09:33	0°♄	greatest brilliancy	-3537 Jun 08 j 09:29	7°♄49'48	-4.5m
max. Earth dist.	-3540 Dec 17 j 01:22	0°♄49'21 1.71752 AU		-3537 Jul 08 j 07:40	0°♄	
	-3539 Jan 09 j 11:59	0°♄	morning max el	-3537 Jul 13 j 07:53	4°♄46'11	46°09'33
evening rise	-3539 Jan 22 j 01:11	15°♄33'09		-3537 Aug 06 j 11:10	0°♅	
	-3539 Feb 02 j 17:49	0°≈		-3537 Sep 01 j 14:38	0°♅	
	-3539 Feb 27 j 03:53	0°♄	asc. node	-3537 Sep 02 j 21:09	1°♅30'24	
asc. node	-3539 Mar 18 j 01:02	23°♄00'22		-3537 Sep 26 j 11:25	0°♅	
	-3539 Mar 23 j 19:35	0°♄		-3537 Oct 20 j 17:33	0°♄	
	-3539 Apr 17 j 18:43	0°♄		-3537 Nov 13 j 18:15	0°♅	
	-3539 May 13 j 04:08	0°♅		-3537 Dec 07 j 18:51	0°♄	
	-3539 Jun 08 j 05:56	0°♅	desc. node	-3537 Dec 23 j 16:23	19°♄47'20	
	-3539 Jul 05 j 16:41	0°♅		-3537 Dec 31 j 21:40	0°♄	
desc. node	-3539 Jul 07 j 19:39	2°♅12'47	morning set	-3536 Jan 17 j 03:11	20°♄06'50	
evening max el	-3539 Jul 18 j 18:52	13°♅16'30 46°39'24		-3536 Jan 25 j 03:00	0°♄	
	-3539 Aug 06 j 09:17	0°♄		-3536 Feb 18 j 10:25	0°≈	
greatest brilliancy	-3539 Aug 27 j 13:21	12°♄57'19 -4.6m				
retrograde	-3539 Sep 06 j 19:45	14°♄54'53	superior conj	-3536 Feb 25 j 06:20	8°≈24'49	-1°-22'-14
evening set	-3539 Sep 23 j 09:13	9°♄40'01	minimum elong	-3536 Feb 25 j 09:57	8°≈35'57	1°22'19
inferior conj	-3539 Sep 27 j 10:43	7°♄15'19 -7°-2'-21	max. Earth dist.	-3536 Feb 27 j 01:05	10°≈36'27	1.73315 AU
minimum elong	-3539 Sep 27 j 21:22	6°♄59'12 7°00'09		-3536 Mar 13 j 19:32	0°♄	
min. Earth dist.	-3539 Sep 27 j 20:04	7°♄01'10 0.26546 AU	evening rise	-3536 Apr 02 j 10:10	24°♄04'11	
morning rise	-3539 Oct 02 j 09:17	4°♄20'35		-3536 Apr 07 j 06:17	0°♄	
	-3539 Oct 13 j 14:58	30°♄♅	asc. node	-3536 Apr 14 j 13:17	8°♄55'46	
direct	-3539 Oct 17 j 18:56	29°♅38'20		-3536 May 01 j 18:41	0°♄	
	-3539 Oct 22 j 00:53	0°♄		-3536 May 26 j 08:55	0°♅	
asc. node	-3539 Oct 28 j 17:54	1°♄55'04		-3536 Jun 20 j 01:55	0°♅	
greatest brilliancy	-3539 Oct 30 j 10:32	2°♄37'55 -4.7m		-3536 Jul 14 j 23:53	0°♅	
	-3539 Dec 04 j 09:53	0°♅	desc. node	-3536 Aug 04 j 07:37	24°♅08'57	
morning max el	-3539 Dec 07 j 10:23	3°♅01'59 46°45'33		-3536 Aug 09 j 07:07	0°♄	
	-3538 Jan 01 j 12:53	0°♄		-3536 Sep 04 j 08:54	0°♅	
	-3538 Jan 27 j 18:56	0°♄	evening max el	-3536 Sep 30 j 00:44	27°♅38'22	47°34'47
desc. node	-3538 Feb 17 j 14:06	24°♄20'51		-3536 Oct 02 j 08:55	0°♄	
	-3538 Feb 22 j 09:03	0°♄	greatest brilliancy	-3536 Nov 07 j 04:10	28°♄20'51	-4.7m
	-3538 Mar 19 j 15:02	0°≈		-3536 Nov 11 j 09:03	0°♄	
	-3538 Apr 13 j 15:03	0°♄	retrograde	-3536 Nov 20 j 02:24	1°♄28'46	
	-3538 May 08 j 09:30	0°♄	asc. node	-3536 Nov 25 j 05:25	0°♄55'31	
	-3538 Jun 01 j 22:13	0°♄		-3536 Nov 28 j 11:19	30°♄♄	
morning set	-3538 Jun 06 j 02:53	5°♄09'29	evening set	-3536 Dec 04 j 19:45	27°♄03'21	
asc. node	-3538 Jun 10 j 11:32	10°♄31'53	min. Earth dist.	-3536 Dec 09 j 18:51	24°♄04'22	0.27082 AU
	-3538 Jun 26 j 05:14	0°♅	inferior conj	-3536 Dec 10 j 19:51	23°♄25'10	3°47'41
max. Earth dist.	-3538 Jul 08 j 06:09	14°♅57'50 1.72300 AU	minimum elong	-3536 Dec 10 j 12:21	23°♄36'56	3°45'29
			morning rise	-3536 Dec 16 j 05:56	20°♄09'18	
superior conj	-3538 Jul 12 j 12:14	20°♅15'57 1°05'51	direct	-3536 Dec 31 j 07:56	15°♄38'07	
minimum elong	-3538 Jul 12 j 03:32	19°♅48'49 1°05'43	greatest brilliancy	-3535 Jan 10 j 21:29	17°♄43'39	-4.6m
	-3538 Jul 20 j 07:20	0°♅		-3535 Jan 30 j 23:06	0°♄	
	-3538 Aug 13 j 06:17	0°♅	morning max el	-3535 Feb 18 j 14:56	16°♄36'45	46°08'25
evening rise	-3538 Aug 18 j 18:39	6°♅55'09		-3535 Mar 03 j 22:33	0°♄	
	-3538 Sep 06 j 04:19	0°♄	desc. node	-3535 Mar 17 j 01:48	13°♄57'27	
desc. node	-3538 Sep 30 j 06:01	0°♅07'57		-3535 Mar 31 j 15:10	0°≈	
	-3538 Sep 30 j 03:28	0°♅		-3535 Apr 26 j 22:02	0°♄	
	-3538 Oct 24 j 05:18	0°♄		-3535 May 22 j 10:28	0°♄	
	-3538 Nov 17 j 11:33	0°♄		-3535 Jun 16 j 09:36	0°♄	
	-3538 Dec 12 j 01:37	0°♄	asc. node	-3535 Jul 07 j 23:29	26°♄23'11	
	-3537 Jan 06 j 07:00	0°≈		-3535 Jul 10 j 21:49	0°♅	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3535 Aug 04 j 01:12	0°☿		inferior conj	-3532 Feb 20 j 17:24	4°≈02'36	8°15'49
morning set	-3535 Aug 14 j 12:11	13°☿06'18		minimum elong	-3532 Feb 20 j 19:24	3°≈59'25	8°15'39
	-3535 Aug 27 j 22:35	0°♌		min. Earth dist.	-3532 Feb 20 j 11:37	4°≈11'54	0.29059 AU
	-3535 Sep 20 j 17:17	0°♍		morning rise	-3532 Feb 24 j 10:19	1°≈42'22	
					-3532 Feb 27 j 08:25	30°♋	
superior conj	-3535 Sep 22 j 13:04	2°♍18'07	1°10'06	direct	-3532 Mar 13 j 03:22	25°♌41'53	
minimum elong	-3535 Sep 22 j 23:16	2°♍50'18	1°09'52	greatest brilliancy	-3532 Mar 25 j 02:58	28°♌14'38	-4.5m
max. Earth dist.	-3535 Sep 22 j 23:22	2°♍50'36	1.70909 AU		-3532 Mar 28 j 23:56	0°≈	
	-3535 Oct 14 j 12:14	0°♎		desc. node	-3532 Apr 13 j 13:06	10°≈12'49	
desc. node	-3535 Oct 27 j 18:17	16°♎40'00		morning max el	-3532 Apr 30 j 21:44	25°≈24'15	45°48'17
evening rise	-3535 Nov 03 j 12:38	25°♎09'34			-3532 May 05 j 15:44	0°♏	
	-3535 Nov 07 j 09:16	0°♏			-3532 Jun 03 j 05:02	0°♐	
	-3535 Dec 01 j 09:16	0°♑			-3532 Jun 29 j 14:07	0°♒	
	-3535 Dec 25 j 13:12	0°♓			-3532 Jul 24 j 20:08	0°♑	
	-3534 Jan 18 j 23:10	0°≈		asc. node	-3532 Aug 04 j 11:31	12°♑55'45	
	-3534 Feb 12 j 19:00	0°♏			-3532 Aug 18 j 08:42	0°☿	
asc. node	-3534 Feb 17 j 14:54	5°♏45'20			-3532 Sep 11 j 10:11	0°♌	
	-3534 Mar 10 j 06:58	0°♐			-3532 Oct 05 j 06:07	0°♍	
	-3534 Apr 05 j 22:50	0°♒		morning set	-3532 Oct 28 j 11:26	29°♍17'33	
evening max el	-3534 May 04 j 06:34	29°♒08'41	45°18'55		-3532 Oct 29 j 00:55	0°♎	
	-3534 May 05 j 04:13	0°♑			-3532 Nov 21 j 21:22	0°♏	
desc. node	-3534 Jun 09 j 10:08	25°♑54'46		desc. node	-3532 Nov 24 j 06:21	2°♏58'42	
greatest brilliancy	-3534 Jun 10 j 00:34	26°♑09'23	-4.5m				
retrograde	-3534 Jun 21 j 20:54	28°♑37'53		superior conj	-3532 Dec 09 j 16:56	22°♏18'47	0°-34'-57
evening set	-3534 Jul 07 j 22:40	23°♑48'55		minimum elong	-3532 Dec 09 j 08:13	21°♏51'33	0°34'42
inferior conj	-3534 Jul 13 j 00:55	20°♑48'41	-6°-58'-13	max. Earth dist.	-3532 Dec 14 j 09:00	28°♏08'47	1.71694 AU
minimum elong	-3534 Jul 12 j 14:47	21°♑04'06	6°56'14		-3532 Dec 15 j 20:39	0°♑	
min. Earth dist.	-3534 Jul 13 j 08:39	20°♑36'53	0.27897 AU		-3531 Jan 08 j 23:02	0°♓	
morning rise	-3534 Jul 17 j 06:27	18°♑16'29		evening rise	-3531 Jan 19 j 14:27	13°♓11'33	
direct	-3534 Aug 03 j 06:52	12°♑49'06			-3531 Feb 02 j 04:52	0°≈	
greatest brilliancy	-3534 Aug 17 j 13:14	16°♑26'04	-4.6m		-3531 Feb 26 j 15:04	0°♏	
	-3534 Sep 06 j 06:37	0°☿		asc. node	-3531 Mar 17 j 03:07	22°♏32'11	
morning max el	-3534 Sep 22 j 17:09	15°☿27'42	46°46'01		-3531 Mar 23 j 07:04	0°♐	
asc. node	-3534 Sep 30 j 08:36	23°☿24'52			-3531 Apr 17 j 06:49	0°♒	
	-3534 Oct 06 j 10:56	0°♌			-3531 May 12 j 17:20	0°♑	
	-3534 Nov 01 j 16:36	0°♍			-3531 Jun 07 j 21:12	0°☿	
	-3534 Nov 26 j 17:35	0°♎			-3531 Jul 05 j 12:37	0°♌	
	-3534 Dec 21 j 09:08	0°♏		desc. node	-3531 Jul 06 j 21:51	1°♌25'45	
	-3533 Jan 14 j 22:36	0°♑		evening max el	-3531 Jul 16 j 08:14	10°♌53'40	46°36'20
desc. node	-3533 Jan 20 j 04:23	6°♑24'06			-3531 Aug 07 j 01:12	0°♍	
	-3533 Feb 08 j 12:09	0°♓		greatest brilliancy	-3531 Aug 25 j 00:25	10°♍27'06	-4.6m
	-3533 Mar 05 j 01:46	0°≈		retrograde	-3531 Sep 04 j 08:01	12°♍25'15	
morning set	-3533 Mar 29 j 01:32	29°≈19'22		evening set	-3531 Sep 21 j 00:31	7°♍05'17	
	-3533 Mar 29 j 14:49	0°♏		inferior conj	-3531 Sep 24 j 22:39	4°♍45'28	-7°-17'-1
	-3533 Apr 23 j 02:35	0°♐		minimum elong	-3531 Sep 25 j 09:06	4°♍29'40	7°14'59
max. Earth dist.	-3533 May 01 j 19:31	10°♐41'12	1.73650 AU	min. Earth dist.	-3531 Sep 25 j 08:16	4°♍30'55	0.26583 AU
				morning rise	-3531 Sep 29 j 17:30	1°♍56'13	
superior conj	-3533 May 04 j 03:23	13°♐32'48	0°-20'-44		-3531 Oct 03 j 11:44	30°♋	
minimum elong	-3533 May 04 j 07:22	13°♐44'59	0°20'32	direct	-3531 Oct 15 j 07:59	27°♌08'00	
asc. node	-3533 May 13 j 01:27	24°♐30'40		asc. node	-3531 Oct 27 j 19:59	0°♍04'16	
	-3533 May 17 j 12:29	0°♒			-3531 Oct 27 j 16:07	0°♍	
evening rise	-3533 Jun 08 j 18:30	27°♒26'27		greatest brilliancy	-3531 Oct 28 j 00:23	0°♍09'10	-4.7m
	-3533 Jun 10 j 20:13	0°♑			-3531 Dec 04 j 09:53	0°♎	
	-3533 Jul 05 j 02:13	0°☿		morning max el	-3531 Dec 05 j 01:01	0°♎38'21	46°46'29
	-3533 Jul 29 j 07:49	0°♌			-3530 Jan 01 j 05:49	0°♏	
	-3533 Aug 22 j 14:57	0°♍			-3530 Jan 27 j 09:10	0°♑	
desc. node	-3533 Sep 01 j 19:51	12°♍33'03		desc. node	-3530 Feb 16 j 16:18	23°♑48'48	
	-3533 Sep 16 j 01:50	0°♎			-3530 Feb 21 j 21:53	0°♓	
	-3533 Oct 10 j 19:38	0°♏			-3530 Mar 19 j 03:01	0°≈	
	-3533 Nov 05 j 03:21	0°♑			-3530 Apr 13 j 02:31	0°♏	
	-3533 Dec 01 j 20:34	0°♓			-3530 May 07 j 20:39	0°♐	
evening max el	-3533 Dec 10 j 23:11	9°♓30'14	46°41'32		-3530 Jun 01 j 09:13	0°♒	
asc. node	-3533 Dec 23 j 17:05	21°♓46'38		morning set	-3530 Jun 03 j 21:27	3°♒05'09	
	-3532 Jan 02 j 11:56	0°≈		asc. node	-3530 Jun 09 j 13:36	10°♒04'23	
greatest brilliancy	-3532 Jan 15 j 13:42	8°≈27'27	-4.6m		-3530 Jun 25 j 16:12	0°♑	
retrograde	-3532 Jan 30 j 08:37	12°≈26'11		max. Earth dist.	-3530 Jul 05 j 21:47	12°♑42'52	1.72359 AU
evening set	-3532 Feb 17 j 04:39	6°≈16'35					

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3530 Jul 10 j 05:29	18° Π 05'48	1°03'47			-3527 Jan 31 j 10:33	0° \mathcal{A}	
minimum elong	-3530 Jul 09 j 20:43	17° Π 38'27	1°03'38	morning max el		-3527 Feb 16 j 03:58	14° \mathcal{A} 15'06	46°09'37
	-3530 Jul 19 j 18:22	0° \mathfrak{S}				-3527 Mar 03 j 17:33	0° \mathfrak{S}	
	-3530 Aug 12 j 17:27	0° Ω		desc. node		-3527 Mar 16 j 03:48	13° \mathfrak{S} 17'35	
evening rise	-3530 Aug 16 j 08:44	4° Ω 33'40				-3527 Mar 31 j 06:04	0° \approx	
	-3530 Sep 05 j 15:40	0° \mathfrak{M}				-3527 Apr 26 j 11:08	0° \mathcal{H}	
desc. node	-3530 Sep 29 j 08:02	29° \mathfrak{M} 38'07				-3527 May 21 j 22:36	0° Υ	
	-3530 Sep 29 j 15:03	0° $\underline{\mathfrak{A}}$				-3527 Jun 15 j 21:13	0° \mathcal{B}	
	-3530 Oct 23 j 17:11	0° \mathfrak{M}		asc. node		-3527 Jul 07 j 01:44	25° \mathcal{B} 55'05	
	-3530 Nov 16 j 23:50	0° \mathcal{A}				-3527 Jul 10 j 09:10	0° Π	
	-3530 Dec 11 j 14:31	0° \mathfrak{S}				-3527 Aug 03 j 12:27	0° \mathfrak{S}	
	-3529 Jan 05 j 21:05	0° \approx		morning set		-3527 Aug 12 j 02:37	10° \mathfrak{S} 45'41	
asc. node	-3529 Jan 20 j 05:00	16° \approx 24'13				-3527 Aug 27 j 09:50	0° Ω	
	-3529 Feb 01 j 13:27	0° \mathcal{H}						
evening max el	-3529 Feb 19 j 23:49	18° \mathcal{H} 55'05	45°22'59	superior conj		-3527 Sep 20 j 00:27	29° Ω 46'52	1°12'08
	-3529 Mar 04 j 03:08	0° Υ		minimum elong		-3527 Sep 20 j 10:10	0° \mathfrak{M} 17'32	1°11'57
greatest brilliancy	-3529 Mar 25 j 23:23	14° Υ 59'03	-4.5m	max. Earth dist.		-3527 Sep 20 j 00:51	29° Ω 48'08	1.70928 AU
retrograde	-3529 Apr 09 j 09:46	18° Υ 35'04				-3527 Sep 20 j 04:36	0° \mathfrak{M}	
evening set	-3529 Apr 24 j 20:09	14° Υ 01'17				-3527 Oct 13 j 23:38	0° $\underline{\mathfrak{A}}$	
inferior conj	-3529 Apr 30 j 19:56	10° Υ 25'26	2°32'17	desc. node		-3527 Oct 26 j 20:17	16° $\underline{\mathfrak{A}}$ 10'28	
minimum elong	-3529 May 01 j 01:12	10° Υ 17'11	2°30'51	evening rise		-3527 Oct 31 j 21:05	22° $\underline{\mathfrak{A}}$ 29'34	
min. Earth dist.	-3529 May 01 j 11:11	10° Υ 01'35	0.29040 AU			-3527 Nov 06 j 20:44	0° \mathfrak{M}	
morning rise	-3529 May 07 j 05:56	6° Υ 34'39				-3527 Nov 30 j 20:48	0° \mathcal{A}	
desc. node	-3529 May 12 j 00:35	4° Υ 16'13				-3527 Dec 25 j 00:52	0° \mathfrak{S}	
direct	-3529 May 22 j 15:51	2° Υ 03'28				-3526 Jan 18 j 11:07	0° \approx	
greatest brilliancy	-3529 Jun 05 j 23:40	5° Υ 37'47	-4.5m			-3526 Feb 12 j 07:33	0° \mathcal{H}	
	-3529 Jul 08 j 07:41	0° \mathcal{B}		asc. node		-3526 Feb 16 j 16:59	5° \mathcal{H} 13'49	
morning max el	-3529 Jul 10 j 23:42	2° \mathcal{B} 33'46	46°08'10			-3526 Mar 09 j 20:43	0° Υ	
	-3529 Aug 06 j 03:35	0° Π				-3526 Apr 05 j 15:13	0° \mathcal{B}	
	-3529 Sep 01 j 04:36	0° \mathfrak{S}		evening max el		-3526 May 01 j 20:22	26° \mathcal{B} 51'45	45°17'33
asc. node	-3529 Sep 01 j 23:14	0° \mathfrak{S} 55'21				-3526 May 05 j 04:37	0° Π	
	-3529 Sep 26 j 00:16	0° Ω		greatest brilliancy		-3526 Jun 07 j 11:17	23° Π 49'02	-4.5m
	-3529 Oct 20 j 05:47	0° \mathfrak{M}		desc. node		-3526 Jun 08 j 12:19	24° Π 13'13	
	-3529 Nov 13 j 06:07	0° $\underline{\mathfrak{A}}$		retrograde		-3526 Jun 19 j 10:41	26° Π 21'01	
	-3529 Dec 07 j 06:29	0° \mathfrak{M}		evening set		-3526 Jul 05 j 09:19	21° Π 36'00	
desc. node	-3529 Dec 22 j 18:31	19° \mathfrak{M} 18'07		inferior conj		-3526 Jul 10 j 15:09	18° Π 31'05	-6°-44'-12
	-3529 Dec 31 j 09:07	0° \mathcal{A}		minimum elong		-3526 Jul 10 j 04:52	18° Π 46'43	6°42'06
morning set	-3528 Jan 14 j 15:14	17° \mathcal{A} 40'31		min. Earth dist.		-3526 Jul 10 j 23:03	18° Π 19'03	0.27942 AU
	-3528 Jan 24 j 14:17	0° \mathfrak{S}		morning rise		-3526 Jul 14 j 23:54	15° Π 54'21	
	-3528 Feb 17 j 21:32	0° \approx		direct		-3526 Jul 31 j 21:21	10° Π 30'22	
				greatest brilliancy		-3526 Aug 15 j 06:28	14° Π 10'10	-4.6m
superior conj	-3528 Feb 22 j 22:08	6° \approx 11'27	-1°-22'-49			-3526 Sep 06 j 14:02	0° \mathfrak{S}	
minimum elong	-3528 Feb 23 j 01:04	6° \approx 20'28	1°22'56	morning max el		-3526 Sep 20 j 07:08	13° \mathfrak{S} 04'09	46°45'08
max. Earth dist.	-3528 Feb 24 j 21:58	8° \approx 38'43	1.73272 AU	asc. node		-3526 Sep 29 j 10:42	22° \mathfrak{S} 37'08	
	-3528 Mar 13 j 06:35	0° \mathcal{H}				-3526 Oct 06 j 05:26	0° Ω	
evening rise	-3528 Mar 31 j 04:14	21° \mathcal{H} 58'27				-3526 Nov 01 j 07:42	0° \mathfrak{M}	
	-3528 Apr 06 j 17:22	0° Υ				-3526 Nov 26 j 07:10	0° $\underline{\mathfrak{A}}$	
asc. node	-3528 Apr 13 j 15:19	8° Υ 27'59				-3526 Dec 20 j 21:50	0° \mathfrak{M}	
	-3528 May 01 j 05:57	0° \mathcal{B}				-3525 Jan 14 j 10:41	0° \mathcal{A}	
	-3528 May 25 j 20:34	0° Π		desc. node		-3525 Jan 19 j 06:35	5° \mathcal{A} 54'13	
	-3528 Jun 19 j 14:10	0° \mathfrak{S}				-3525 Feb 07 j 23:47	0° \mathfrak{S}	
	-3528 Jul 14 j 13:01	0° Ω				-3525 Mar 04 j 13:05	0° \approx	
desc. node	-3528 Aug 03 j 09:45	23° Ω 33'21		morning set		-3525 Mar 26 j 19:14	27° \approx 12'40	
	-3528 Aug 08 j 21:43	0° \mathfrak{M}				-3525 Mar 29 j 01:56	0° \mathcal{H}	
	-3528 Sep 04 j 02:13	0° $\underline{\mathfrak{A}}$				-3525 Apr 22 j 13:36	0° Υ	
evening max el	-3528 Sep 27 j 15:31	25° $\underline{\mathfrak{A}}$ 15'09	47°34'38	max. Earth dist.		-3525 Apr 29 j 17:26	8° Υ 47'21	1.73669 AU
	-3528 Oct 02 j 09:33	0° \mathfrak{M}						
greatest brilliancy	-3528 Nov 04 j 21:44	25° \mathfrak{M} 58'44	-4.7m	superior conj		-3525 May 01 j 22:16	11° Υ 29'36	0°-23'-40
retrograde	-3528 Nov 17 j 16:09	29° \mathfrak{M} 02'14		minimum elong		-3525 May 02 j 02:46	11° Υ 43'25	0°23'28
asc. node	-3528 Nov 24 j 07:32	28° \mathfrak{M} 06'43		asc. node		-3525 May 12 j 03:36	24° Υ 03'26	
evening set	-3528 Dec 02 j 08:15	24° \mathfrak{M} 39'52				-3525 May 16 j 23:30	0° \mathcal{B}	
min. Earth dist.	-3528 Dec 07 j 09:30	21° \mathfrak{M} 37'54	0.27012 AU	evening rise		-3525 Jun 06 j 13:50	25° \mathcal{B} 23'43	
inferior conj	-3528 Dec 08 j 09:33	21° \mathfrak{M} 00'10	3°27'20			-3525 Jun 10 j 07:20	0° Π	
minimum elong	-3528 Dec 08 j 02:35	21° \mathfrak{M} 11'06	3°25'14			-3525 Jul 04 j 13:32	0° \mathfrak{S}	
morning rise	-3528 Dec 13 j 21:52	17° \mathfrak{M} 41'07				-3525 Jul 28 j 19:28	0° Ω	
direct	-3528 Dec 28 j 20:53	13° \mathfrak{M} 14'24				-3525 Aug 22 j 03:03	0° \mathfrak{M}	
greatest brilliancy	-3527 Jan 08 j 11:21	15° \mathfrak{M} 20'30	-4.6m	desc. node		-3525 Aug 31 j 21:53	12° \mathfrak{M} 01'28	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3525 Sep 15 j 14:34	0°♄			-3522 Feb 21 j 10:37	0°♄		
	-3525 Oct 10 j 09:18	0°♍			-3522 Mar 18 j 14:57	0°♎		
	-3525 Nov 04 j 18:41	0°♏			-3522 Apr 12 j 13:54	0°♐		
	-3525 Dec 01 j 15:56	0°♑			-3522 May 07 j 07:42	0°♒		
evening max el	-3525 Dec 08 j 14:36	7°♑12'31	46°44'39		-3522 May 31 j 20:07	0°♓		
asc. node	-3525 Dec 22 j 19:22	20°♑47'52		morning set	-3522 Jun 01 j 15:54	1°♓00'48		
	-3524 Jan 03 j 03:51	0°♎		asc. node	-3522 Jun 08 j 15:48	9°♓37'39		
greatest brilliancy	-3524 Jan 13 j 05:57	6°♎14'27	-4.6m		-3522 Jun 25 j 03:05	0°♐		
retrograde	-3524 Jan 28 j 01:54	10°♎14'46		max. Earth dist.	-3522 Jul 03 j 12:38	10°♐25'53	1.72421 AU	
evening set	-3524 Feb 14 j 21:25	4°♎04'33						
inferior conj	-3524 Feb 18 j 10:01	1°♎50'59	8°17'58	superior conj	-3522 Jul 07 j 22:48	15°♐56'13	1°01'38	
minimum elong	-3524 Feb 18 j 11:18	1°♎48'55	8°17'50	minimum elong	-3522 Jul 07 j 14:00	15°♐28'49	1°01'28	
min. Earth dist.	-3524 Feb 18 j 02:45	2°♎02'37	0.29021 AU		-3522 Jul 19 j 05:20	0°♑		
	-3524 Feb 21 j 08:05	30°♒♄			-3522 Aug 12 j 04:33	0°♒		
morning rise	-3524 Feb 22 j 01:22	29°♄33'21		evening rise	-3522 Aug 13 j 23:04	2°♒13'13		
direct	-3524 Mar 10 j 19:13	23°♄30'49			-3522 Sep 05 j 02:56	0°♓		
greatest brilliancy	-3524 Mar 22 j 17:18	26°♄02'32	-4.5m	desc. node	-3522 Sep 28 j 10:07	29°♓08'52		
	-3524 Mar 30 j 15:09	0°♎			-3522 Sep 29 j 02:30	0°♄		
desc. node	-3524 Apr 12 j 15:13	9°♎10'04			-3522 Oct 23 j 04:53	0°♍		
morning max el	-3524 Apr 28 j 14:30	23°♎15'59	45°48'18		-3522 Nov 16 j 11:54	0°♏		
	-3524 May 05 j 12:22	0°♐			-3522 Dec 11 j 03:13	0°♑		
	-3524 Jun 02 j 20:20	0°♒			-3521 Jan 05 j 11:03	0°♎		
	-3524 Jun 29 j 03:22	0°♓		asc. node	-3521 Jan 19 j 07:02	15°♎47'03		
	-3524 Jul 24 j 08:24	0°♐			-3521 Feb 01 j 06:34	0°♐		
asc. node	-3524 Aug 03 j 13:35	12°♐25'19		evening max el	-3521 Feb 17 j 15:35	16°♐44'09	45°24'38	
	-3524 Aug 17 j 20:27	0°♑			-3521 Mar 04 j 08:52	0°♒		
	-3524 Sep 10 j 21:41	0°♒		greatest brilliancy	-3521 Mar 23 j 16:06	12°♒52'04	-4.5m	
	-3524 Oct 04 j 17:29	0°♓		retrograde	-3521 Apr 07 j 01:50	16°♒27'53		
morning set	-3524 Oct 25 j 21:47	26°♓43'16		evening set	-3521 Apr 22 j 14:37	11°♒51'30		
	-3524 Oct 28 j 12:12	0°♄		inferior conj	-3521 Apr 28 j 12:35	8°♒17'46	2°50'19	
	-3524 Nov 21 j 08:37	0°♍		minimum elong	-3521 Apr 28 j 18:24	8°♒08'39	2°48'46	
desc. node	-3524 Nov 23 j 08:33	2°♍30'18		min. Earth dist.	-3521 Apr 29 j 03:59	7°♒53'38	0.29068 AU	
				morning rise	-3521 May 04 j 21:50	4°♒27'25		
superior conj	-3524 Dec 07 j 02:26	19°♍43'18	0°-31'-20	desc. node	-3521 May 11 j 02:45	1°♒35'39		
minimum elong	-3524 Dec 06 j 18:27	19°♍18'19	0°31'05		-3521 May 18 j 09:09	30°♒♐		
max. Earth dist.	-3524 Dec 11 j 18:09	25°♍32'27	1.71643 AU	direct	-3521 May 20 j 08:34	29°♐55'28		
	-3524 Dec 15 j 07:51	0°♏			-3521 May 22 j 08:24	0°♒		
	-3523 Jan 08 j 10:13	0°♑		greatest brilliancy	-3521 Jun 03 j 14:06	3°♒26'38	-4.5m	
evening rise	-3523 Jan 17 j 03:13	10°♑47'55			-3521 Jul 08 j 06:26	0°♓		
	-3523 Feb 01 j 16:04	0°♎		morning max el	-3521 Jul 08 j 14:34	0°♓19'42	46°06'49	
	-3523 Feb 26 j 02:22	0°♐			-3521 Aug 05 j 19:30	0°♐		
asc. node	-3523 Mar 16 j 05:10	22°♐03'31			-3521 Aug 31 j 18:13	0°♑		
	-3523 Mar 22 j 18:41	0°♒		asc. node	-3521 Sep 01 j 01:17	0°♑21'02		
	-3523 Apr 16 j 19:04	0°♓			-3521 Sep 25 j 12:49	0°♒		
	-3523 May 12 j 06:44	0°♐			-3521 Oct 19 j 17:45	0°♓		
	-3523 Jun 07 j 12:46	0°♑			-3521 Nov 12 j 17:42	0°♄		
	-3523 Jul 05 j 09:15	0°♒			-3521 Dec 06 j 17:48	0°♍		
desc. node	-3523 Jul 06 j 00:02	0°♒37'47		desc. node	-3521 Dec 21 j 20:40	18°♍50'08		
evening max el	-3523 Jul 13 j 22:18	8°♒32'36	46°33'16		-3521 Dec 30 j 20:13	0°♏		
	-3523 Aug 07 j 22:18	0°♓		morning set	-3520 Jan 12 j 03:32	15°♏15'59		
greatest brilliancy	-3523 Aug 22 j 11:55	7°♓58'01	-4.6m		-3520 Jan 24 j 01:11	0°♑		
retrograde	-3523 Sep 01 j 20:17	9°♓56'10			-3520 Feb 17 j 08:19	0°♎		
evening set	-3523 Sep 18 j 15:55	4°♓31'36						
inferior conj	-3523 Sep 22 j 10:42	2°♓16'28	-7°-30'-43	superior conj	-3520 Feb 20 j 14:05	3°♎59'33	-1°-23'-17	
minimum elong	-3523 Sep 22 j 20:51	2°♓01'07	7°28'52	minimum elong	-3520 Feb 20 j 16:17	4°♎06'21	1°23'23	
min. Earth dist.	-3523 Sep 22 j 20:26	2°♓01'45	0.26615 AU	max. Earth dist.	-3520 Feb 22 j 18:13	6°♎40'07	1.73231 AU	
	-3523 Sep 26 j 06:29	30°♒♒			-3520 Mar 12 j 17:19	0°♐		
morning rise	-3523 Sep 27 j 01:38	29°♒32'47		evening rise	-3520 Mar 28 j 22:14	19°♐53'26		
direct	-3523 Oct 12 j 21:19	24°♒38'52			-3520 Apr 06 j 04:11	0°♒		
greatest brilliancy	-3523 Oct 25 j 13:26	27°♒40'13	-4.7m	asc. node	-3520 Apr 12 j 17:29	8°♒01'28		
asc. node	-3523 Oct 26 j 22:07	28°♒18'32			-3520 Apr 30 j 16:58	0°♓		
	-3523 Oct 30 j 02:45	0°♓			-3520 May 25 j 07:57	0°♐		
morning max el	-3523 Dec 02 j 14:53	28°♓13'13	46°47'13		-3520 Jun 19 j 02:08	0°♑		
	-3523 Dec 04 j 08:39	0°♄			-3520 Jul 14 j 01:55	0°♒		
	-3523 Dec 31 j 22:18	0°♍		desc. node	-3520 Aug 02 j 11:44	22°♒58'00		
	-3522 Jan 26 j 23:12	0°♏			-3520 Aug 08 j 12:09	0°♓		
desc. node	-3522 Feb 15 j 18:17	23°♏16'21			-3520 Sep 03 j 19:35	0°♄		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3520 Sep 25 j 05:22	22°♄50'28	47°34'21		max. Earth dist.	-3517 Apr 27 j 17:26	7°♃01'07	1.73687 AU
	-3520 Oct 02 j 11:02	0°♌						
greatest brilliancy	-3520 Nov 02 j 15:22	23°♌37'27	-4.7m		superior conj	-3517 Apr 29 j 17:27	9°♃28'31	0°-26'-33
retrograde	-3520 Nov 15 j 05:44	26°♌36'51			minimum elong	-3517 Apr 29 j 22:27	9°♃43'55	0°26'20
asc. node	-3520 Nov 23 j 09:46	25°♌13'15			asc. node	-3517 May 11 j 05:48	23°♃37'37	
evening set	-3520 Nov 29 j 20:55	22°♌16'59				-3517 May 16 j 10:08	0°♄	
min. Earth dist.	-3520 Dec 05 j 00:25	19°♌12'11	0.26943 AU		evening rise	-3517 Jun 04 j 09:26	23°♄23'00	
inferior conj	-3520 Dec 05 j 23:18	18°♌36'21	3°06'32			-3517 Jun 09 j 18:06	0°♅	
minimum elong	-3520 Dec 05 j 16:54	18°♌46'22	3°04'33			-3517 Jul 04 j 00:34	0°♆	
morning rise	-3520 Dec 11 j 13:43	15°♌14'20				-3517 Jul 28 j 06:52	0°♇	
direct	-3520 Dec 26 j 09:22	10°♌51'39				-3517 Aug 21 j 14:56	0°♈	
greatest brilliancy	-3519 Jan 06 j 02:03	12°♌59'28	-4.6m		desc. node	-3517 Aug 30 j 23:58	11°♈30'49	
	-3519 Jan 31 j 18:22	0°♉				-3517 Sep 15 j 03:04	0°♉	
morning max el	-3519 Feb 13 j 17:00	11°♉54'42	46°11'00			-3517 Oct 09 j 22:46	0°♊	
	-3519 Mar 03 j 11:32	0°♋				-3517 Nov 04 j 09:55	0°♋	
desc. node	-3519 Mar 15 j 05:58	12°♋39'56				-3517 Dec 01 j 11:33	0°♌	
	-3519 Mar 30 j 20:18	0°♍			evening max el	-3517 Dec 06 j 06:52	4°♌57'37	46°47'41
	-3519 Apr 25 j 23:43	0°♎			asc. node	-3517 Dec 21 j 21:25	19°♌48'00	
	-3519 May 21 j 10:20	0°♏				-3516 Jan 04 j 00:51	0°♍	
	-3519 Jun 15 j 08:28	0°♐			greatest brilliancy	-3516 Jan 10 j 23:15	4°♍03'31	-4.6m
asc. node	-3519 Jul 06 j 03:48	25°♐27'31			retrograde	-3516 Jan 25 j 19:22	8°♍03'48	
	-3519 Jul 09 j 20:10	0°♑			evening set	-3516 Feb 12 j 13:56	1°♍53'31	
	-3519 Aug 02 j 23:20	0°♒			min. Earth dist.	-3516 Feb 15 j 17:35	29°♒54'16	0.28975 AU
morning set	-3519 Aug 09 j 17:12	8°♒26'43				-3516 Feb 15 j 13:59	30°♒♐	
	-3519 Aug 26 j 20:43	0°♓			inferior conj	-3516 Feb 16 j 02:34	29°♒39'54	8°19'30
					minimum elong	-3516 Feb 16 j 03:10	29°♒38'57	8°19'23
superior conj	-3519 Sep 17 j 11:57	27°♓17'09	1°14'00		morning rise	-3516 Feb 19 j 16:37	27°♒24'29	
minimum elong	-3519 Sep 17 j 21:08	27°♓46'07	1°13'52		direct	-3516 Mar 08 j 11:31	21°♒20'35	
max. Earth dist.	-3519 Sep 17 j 05:56	26°♓58'10	1.70953 AU		greatest brilliancy	-3516 Mar 20 j 06:36	23°♒50'07	-4.5m
	-3519 Sep 19 j 15:34	0°♈				-3516 Mar 31 j 17:59	0°♈	
	-3519 Oct 13 j 10:42	0°♉			desc. node	-3516 Apr 11 j 17:22	8°♈09'51	
desc. node	-3519 Oct 25 j 22:28	15°♉42'30			morning max el	-3516 Apr 26 j 07:22	21°♈09'07	45°48'27
evening rise	-3519 Oct 29 j 05:39	19°♉51'00				-3516 May 05 j 07:56	0°♊	
	-3519 Nov 06 j 07:52	0°♊				-3516 Jun 02 j 11:01	0°♋	
	-3519 Nov 30 j 08:00	0°♋				-3516 Jun 28 j 16:11	0°♌	
	-3519 Dec 24 j 12:11	0°♍				-3516 Jul 23 j 20:19	0°♎	
	-3518 Jan 17 j 22:42	0°♏			asc. node	-3516 Aug 02 j 15:40	11°♎55'48	
	-3518 Feb 11 j 19:41	0°♐				-3516 Aug 17 j 07:57	0°♏	
asc. node	-3518 Feb 15 j 19:04	4°♐43'34				-3516 Sep 10 j 08:59	0°♑	
	-3518 Mar 09 j 10:05	0°♒				-3516 Oct 04 j 04:41	0°♒	
	-3518 Apr 05 j 07:23	0°♓			morning set	-3516 Oct 23 j 07:58	24°♒09'01	
evening max el	-3518 Apr 29 j 10:54	24°♓38'01	45°16'10			-3516 Oct 27 j 23:20	0°♓	
	-3518 May 05 j 05:40	0°♔				-3516 Nov 20 j 19:41	0°♔	
greatest brilliancy	-3518 Jun 04 j 21:36	21°♔29'44	-4.5m		desc. node	-3516 Nov 22 j 10:38	2°♔02'09	
desc. node	-3518 Jun 07 j 14:29	22°♔29'09						
retrograde	-3518 Jun 17 j 01:06	24°♔05'42			superior conj	-3516 Dec 04 j 11:35	17°♔07'14	0°-27'-37
evening set	-3518 Jul 02 j 20:17	19°♔24'22			minimum elong	-3516 Dec 04 j 04:24	16°♔44'45	0°27'24
inferior conj	-3518 Jul 08 j 05:29	16°♔14'52	-6°-29'-35		max. Earth dist.	-3516 Dec 09 j 05:52	23°♔04'36	1.71592 AU
minimum elong	-3518 Jul 07 j 19:07	16°♔30'36	6°27'23			-3516 Dec 14 j 18:53	0°♕	
min. Earth dist.	-3518 Jul 08 j 13:16	16°♔03'03	0.27988 AU			-3515 Jan 07 j 21:14	0°♖	
morning rise	-3518 Jul 12 j 17:29	13°♔33'43			evening rise	-3515 Jan 14 j 15:46	8°♖24'05	
direct	-3518 Jul 29 j 12:27	8°♔13'10				-3515 Feb 01 j 03:06	0°♗	
greatest brilliancy	-3518 Aug 12 j 23:40	11°♔55'42	-4.6m			-3515 Feb 25 j 13:31	0°♘	
	-3518 Sep 06 j 18:50	0°♙			asc. node	-3515 Mar 15 j 07:23	21°♘35'51	
morning max el	-3518 Sep 17 j 22:03	10°♙44'18	46°44'11			-3515 Mar 22 j 06:08	0°♚	
asc. node	-3518 Sep 28 j 12:56	21°♙51'28				-3515 Apr 16 j 07:08	0°♛	
	-3518 Oct 05 j 23:07	0°♜				-3515 May 11 j 19:58	0°♞	
	-3518 Oct 31 j 22:15	0°♝				-3515 Jun 07 j 04:17	0°♟	
	-3518 Nov 25 j 20:18	0°♞			desc. node	-3515 Jul 05 j 01:59	29°♟49'10	
	-3518 Dec 20 j 10:07	0°♏				-3515 Jul 05 j 06:17	0°♠	
	-3517 Jan 13 j 22:23	0°♐			evening max el	-3515 Jul 11 j 12:02	6°♠11'28	46°29'55
desc. node	-3517 Jan 18 j 08:32	5°♐24'40				-3515 Aug 09 j 02:42	0°♑	
	-3517 Feb 07 j 11:03	0°♒			greatest brilliancy	-3515 Aug 19 j 23:59	5°♑30'05	-4.6m
	-3517 Mar 04 j 00:01	0°♔			retrograde	-3515 Aug 30 j 07:59	7°♑27'17	
morning set	-3517 Mar 24 j 13:14	25°♔08'02			evening set	-3515 Sep 16 j 07:15	1°♑58'22	
	-3517 Mar 28 j 12:39	0°♕			inferior conj	-3515 Sep 19 j 22:45	29°♑47'44	-7°-43'-32
	-3517 Apr 22 j 00:13	0°♗			minimum elong	-3515 Sep 20 j 08:30	29°♑32'57	7°41'52

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3515 Sep 19 j 14:39	30° \mathbb{R} Ω		max. Earth dist.	-3512 Feb 20 j 12:18	4° \approx 34'03	1.73185 AU
min. Earth dist.	-3515 Sep 20 j 08:47	29° Ω 32'32	0.26654 AU		-3512 Mar 12 j 04:18	0° \mathbb{H}	
morning rise	-3515 Sep 24 j 09:38	27° Ω 09'33		evening rise	-3512 Mar 26 j 15:50	17° \mathbb{H} 46'26	
direct	-3515 Oct 10 j 10:16	22° Ω 09'52			-3512 Apr 05 j 15:15	0° \mathbb{Y}	
greatest brilliancy	-3515 Oct 23 j 02:49	25° Ω 11'25	-4.7m	asc. node	-3512 Apr 11 j 19:37	7° \mathbb{Y} 34'05	
asc. node	-3515 Oct 26 j 00:19	26° Ω 36'42			-3512 Apr 30 j 04:15	0° \mathbb{B}	
	-3515 Oct 31 j 16:24	0° \mathbb{M}			-3512 May 24 j 19:36	0° \mathbb{I}	
morning max el	-3515 Nov 30 j 03:42	25° \mathbb{M} 45'04	46°47'55		-3512 Jun 18 j 14:22	0° \mathbb{S}	
	-3515 Dec 04 j 06:37	0° \mathbb{L}			-3512 Jul 13 j 15:05	0° Ω	
	-3515 Dec 31 j 14:31	0° \mathbb{M}		desc. node	-3512 Aug 01 j 13:57	22° Ω 22'40	
	-3514 Jan 26 j 13:06	0° \mathbb{X}			-3512 Aug 08 j 02:52	0° \mathbb{M}	
desc. node	-3514 Feb 14 j 20:26	22° \mathbb{X} 44'39			-3512 Sep 03 j 13:25	0° \mathbb{L}	
	-3514 Feb 20 j 23:15	0° \mathbb{S}		evening max el	-3512 Sep 22 j 18:26	20° \mathbb{L} 23'32	47°33'53
	-3514 Mar 18 j 02:48	0° \approx			-3512 Oct 02 j 14:06	0° \mathbb{M}	
	-3514 Apr 12 j 01:14	0° \mathbb{H}		greatest brilliancy	-3512 Oct 31 j 07:48	21° \mathbb{M} 13'36	-4.7m
	-3514 May 06 j 18:43	0° \mathbb{Y}		retrograde	-3512 Nov 12 j 19:10	24° \mathbb{M} 10'16	
morning set	-3514 May 30 j 10:43	28° \mathbb{Y} 57'48		asc. node	-3512 Nov 22 j 11:49	22° \mathbb{M} 12'58	
	-3514 May 31 j 06:57	0° \mathbb{B}		evening set	-3512 Nov 27 j 09:33	19° \mathbb{M} 52'05	
asc. node	-3514 Jun 07 j 17:52	9° \mathbb{B} 10'42		min. Earth dist.	-3512 Dec 02 j 15:06	16° \mathbb{M} 44'54	0.26886 AU
	-3514 Jun 24 j 13:53	0° \mathbb{I}		inferior conj	-3512 Dec 03 j 12:50	16° \mathbb{M} 10'57	2°44'59
max. Earth dist.	-3514 Jul 01 j 05:01	8° \mathbb{I} 14'01	1.72482 AU	minimum elong	-3512 Dec 03 j 07:05	16° \mathbb{M} 19'56	2°43'11
				morning rise	-3512 Dec 09 j 05:21	12° \mathbb{M} 46'15	
superior conj	-3514 Jul 05 j 16:37	13° \mathbb{I} 48'37	0°59'25	direct	-3512 Dec 23 j 21:46	8° \mathbb{M} 26'55	
minimum elong	-3514 Jul 05 j 07:50	13° \mathbb{I} 21'19	0°59'15	greatest brilliancy	-3511 Jan 03 j 17:19	10° \mathbb{M} 37'26	-4.6m
	-3514 Jul 18 j 16:13	0° \mathbb{S}			-3511 Feb 01 j 00:34	0° \mathbb{X}	
evening rise	-3514 Aug 11 j 13:57	29° \mathbb{S} 54'54		morning max el	-3511 Feb 11 j 06:37	9° \mathbb{X} 34'02	46°12'21
	-3514 Aug 11 j 15:35	0° Ω			-3511 Mar 03 j 05:36	0° \mathbb{S}	
	-3514 Sep 04 j 14:11	0° \mathbb{M}		desc. node	-3511 Mar 14 j 08:08	12° \mathbb{S} 01'21	
desc. node	-3514 Sep 27 j 12:18	28° \mathbb{M} 39'44			-3511 Mar 30 j 10:51	0° \approx	
	-3514 Sep 28 j 14:01	0° \mathbb{L}			-3511 Apr 25 j 12:38	0° \mathbb{H}	
	-3514 Oct 22 j 16:44	0° \mathbb{M}			-3511 May 20 j 22:22	0° \mathbb{Y}	
	-3514 Nov 16 j 00:10	0° \mathbb{X}			-3511 Jun 14 j 20:02	0° \mathbb{B}	
	-3514 Dec 10 j 16:09	0° \mathbb{S}		asc. node	-3511 Jul 05 j 05:51	24° \mathbb{B} 58'54	
	-3513 Jan 05 j 01:20	0° \approx			-3511 Jul 09 j 07:28	0° \mathbb{I}	
asc. node	-3513 Jan 18 j 09:09	15° \approx 09'17			-3511 Aug 02 j 10:31	0° \mathbb{S}	
	-3513 Feb 01 j 00:14	0° \mathbb{H}		morning set	-3511 Aug 07 j 08:05	6° \mathbb{S} 07'52	
evening max el	-3513 Feb 15 j 06:16	14° \mathbb{H} 29'57	45°26'29		-3511 Aug 26 j 07:54	0° Ω	
	-3513 Mar 04 j 17:14	0° \mathbb{Y}					
greatest brilliancy	-3513 Mar 21 j 08:01	10° \mathbb{Y} 43'31	-4.5m	superior conj	-3511 Sep 14 j 23:58	24° Ω 48'14	1°15'43
retrograde	-3513 Apr 04 j 17:47	14° \mathbb{Y} 20'21		minimum elong	-3511 Sep 15 j 08:32	25° Ω 15'18	1°15'36
evening set	-3513 Apr 20 j 09:06	9° \mathbb{Y} 40'55		max. Earth dist.	-3511 Sep 14 j 14:46	24° Ω 19'14	1.70973 AU
inferior conj	-3513 Apr 26 j 05:12	6° \mathbb{Y} 09'41	3°08'13		-3511 Sep 19 j 02:47	0° \mathbb{M}	
minimum elong	-3513 Apr 26 j 11:31	5° \mathbb{Y} 59'46	3°06'33		-3511 Oct 12 j 21:59	0° \mathbb{L}	
min. Earth dist.	-3513 Apr 26 j 20:56	5° \mathbb{Y} 44'59	0.29093 AU	desc. node	-3511 Oct 25 j 00:32	15° \mathbb{L} 13'29	
morning rise	-3513 May 02 j 13:31	2° \mathbb{Y} 20'04		evening rise	-3511 Oct 26 j 14:41	17° \mathbb{L} 13'12	
	-3513 May 07 j 08:44	30° \mathbb{R} \mathbb{H}			-3511 Nov 05 j 19:14	0° \mathbb{M}	
desc. node	-3513 May 10 j 04:54	28° \mathbb{H} 58'46			-3511 Nov 29 j 19:28	0° \mathbb{X}	
direct	-3513 May 18 j 00:45	27° \mathbb{H} 46'52			-3511 Dec 23 j 23:50	0° \mathbb{S}	
	-3513 May 29 j 04:58	0° \mathbb{Y}			-3510 Jan 17 j 10:41	0° \approx	
greatest brilliancy	-3513 Jun 01 j 05:26	1° \mathbb{Y} 16'15	-4.5m		-3510 Feb 11 j 08:20	0° \mathbb{H}	
morning max el	-3513 Jul 06 j 05:21	28° \mathbb{Y} 05'18	46°05'48	asc. node	-3510 Feb 14 j 21:17	4° \mathbb{H} 12'14	
	-3513 Jul 08 j 04:22	0° \mathbb{B}			-3510 Mar 09 j 00:02	0° \mathbb{Y}	
	-3513 Aug 05 j 11:11	0° \mathbb{I}			-3510 Apr 05 j 00:23	0° \mathbb{B}	
asc. node	-3513 Aug 31 j 03:33	29° \mathbb{I} 47'32		evening max el	-3510 Apr 27 j 02:03	22° \mathbb{B} 24'30	45°15'00
	-3513 Aug 31 j 07:44	0° \mathbb{S}			-3510 May 05 j 08:46	0° \mathbb{I}	
	-3513 Sep 25 j 01:20	0° Ω		greatest brilliancy	-3510 Jun 02 j 08:03	19° \mathbb{I} 09'20	-4.5m
	-3513 Oct 19 j 05:45	0° \mathbb{M}		desc. node	-3510 Jun 06 j 16:28	20° \mathbb{I} 39'30	
	-3513 Nov 12 j 05:26	0° \mathbb{L}		retrograde	-3510 Jun 14 j 15:37	21° \mathbb{I} 48'47	
	-3513 Dec 06 j 05:20	0° \mathbb{M}		evening set	-3510 Jun 30 j 07:21	17° \mathbb{I} 11'10	
desc. node	-3513 Dec 20 j 22:40	18° \mathbb{M} 20'52		inferior conj	-3510 Jul 05 j 19:40	13° \mathbb{I} 57'08	-6°-14'-24
	-3513 Dec 30 j 07:34	0° \mathbb{X}		minimum elong	-3510 Jul 05 j 09:19	14° \mathbb{I} 12'50	6°12'06
morning set	-3512 Jan 09 j 15:03	12° \mathbb{X} 48'03		min. Earth dist.	-3510 Jul 06 j 03:09	13° \mathbb{I} 45'45	0.28030 AU
	-3512 Jan 23 j 12:22	0° \mathbb{S}		morning rise	-3510 Jul 10 j 10:52	11° \mathbb{I} 11'31	
	-3512 Feb 16 j 19:21	0° \approx		direct	-3510 Jul 27 j 03:48	5° \mathbb{I} 54'37	
				greatest brilliancy	-3510 Aug 10 j 15:48	9° \mathbb{I} 38'37	-4.6m
superior conj	-3512 Feb 18 j 05:26	1° \approx 45'02	-1°-23'-36		-3510 Sep 06 j 22:23	0° \mathbb{S}	
minimum elong	-3512 Feb 18 j 06:52	1° \approx 49'26	1°23'44	morning max el	-3510 Sep 15 j 13:15	8° \mathbb{S} 24'19	46°43'20

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3510 Sep 27 j 15:01	21° ☿ 05'06			-3507 Apr 15 j 19:33	0° ♄		
	-3510 Oct 05 j 16:46	0° ♁			-3507 May 11 j 09:39	0° ♂		
	-3510 Oct 31 j 12:56	0° ♁			-3507 Jun 06 j 20:26	0° ♄		
	-3510 Nov 25 j 09:35	0° ♁		desc. node	-3507 Jul 04 j 04:12	28° ♄ 59'19		
	-3510 Dec 19 j 22:36	0° ♁			-3507 Jul 05 j 04:30	0° ♁		
	-3509 Jan 13 j 10:20	0° ♁		evening max el	-3507 Jul 09 j 00:47	3° ♁ 47'01	46°26'38	
desc. node	-3509 Jan 17 j 10:42	4° ♁ 54'57			-3507 Aug 10 j 19:53	0° ♁		
	-3509 Feb 06 j 22:37	0° ♄		greatest brilliancy	-3507 Aug 17 j 12:55	3° ♁ 02'18	-4.6m	
	-3509 Mar 03 j 11:20	0° ♁		retrograde	-3507 Aug 27 j 19:13	4° ♁ 57'44		
morning set	-3509 Mar 22 j 06:46	23° ♁ 00'39			-3507 Sep 12 j 21:46	30° ♁		
	-3509 Mar 27 j 23:46	0° ♁		evening set	-3507 Sep 13 j 22:28	29° ♁ 24'38		
	-3509 Apr 21 j 11:14	0° ♁		inferior conj	-3507 Sep 17 j 10:48	27° ♁ 18'27	-7°-55'-23	
max. Earth dist.	-3509 Apr 25 j 16:56	5° ♁ 12'04	1.73700 AU	minimum elong	-3507 Sep 17 j 20:05	27° ♁ 04'22	7°53'54	
				min. Earth dist.	-3507 Sep 17 j 21:25	27° ♁ 02'20	0.26692 AU	
superior conj	-3509 Apr 27 j 12:05	7° ♁ 24'32	0°-29'-28	morning rise	-3507 Sep 21 j 17:33	24° ♁ 45'48		
minimum elong	-3509 Apr 27 j 17:35	7° ♁ 41'25	0°29'12	direct	-3507 Oct 07 j 22:35	19° ♁ 40'04		
asc. node	-3509 May 10 j 07:48	23° ♁ 09'56		greatest brilliancy	-3507 Oct 20 j 16:50	22° ♁ 42'39	-4.7m	
	-3509 May 15 j 21:09	0° ♄		asc. node	-3507 Oct 25 j 02:24	24° ♁ 57'46		
evening rise	-3509 Jun 02 j 04:35	21° ♄ 19'42			-3507 Nov 01 j 19:21	0° ♁		
	-3509 Jun 09 j 05:15	0° ♂		morning max el	-3507 Nov 27 j 15:48	23° ♁ 14'16	46°48'42	
	-3509 Jul 03 j 11:59	0° ♄			-3507 Dec 04 j 04:02	0° ♁		
	-3509 Jul 27 j 18:40	0° ♁			-3507 Dec 31 j 06:40	0° ♁		
	-3509 Aug 21 j 03:13	0° ♁		desc. node	-3506 Jan 26 j 03:01	0° ♁		
desc. node	-3509 Aug 30 j 02:08	10° ♁ 59'08			-3506 Feb 13 j 22:36	22° ♁ 12'49		
	-3509 Sep 14 j 16:00	0° ♁			-3506 Feb 20 j 11:56	0° ♄		
	-3509 Oct 09 j 12:40	0° ♁			-3506 Mar 17 j 14:41	0° ♁		
	-3509 Nov 04 j 01:38	0° ♁			-3506 Apr 11 j 12:38	0° ♁		
	-3509 Dec 01 j 08:00	0° ♄			-3506 May 06 j 05:50	0° ♁		
evening max el	-3509 Dec 03 j 23:23	2° ♄ 42'38	46°50'39	morning set	-3506 May 28 j 05:25	26° ♁ 53'58		
asc. node	-3509 Dec 20 j 23:31	18° ♄ 46'16			-3506 May 30 j 17:57	0° ♄		
	-3508 Jan 05 j 06:25	0° ♁		asc. node	-3506 Jun 06 j 19:59	8° ♄ 43'20		
greatest brilliancy	-3508 Jan 08 j 17:21	1° ♁ 52'56	-4.6m		-3506 Jun 24 j 00:53	0° ♂		
retrograde	-3508 Jan 23 j 12:42	5° ♁ 51'50		max. Earth dist.	-3506 Jun 28 j 22:08	6° ♂ 03'55	1.72546 AU	
	-3508 Feb 09 j 18:35	30° ♄						
evening set	-3508 Feb 10 j 06:12	29° ♄ 42'11		superior conj	-3506 Jul 03 j 10:16	11° ♂ 39'57	0°57'07	
inferior conj	-3508 Feb 13 j 19:08	27° ♄ 27'54	8°20'16	minimum elong	-3506 Jul 03 j 01:33	11° ♂ 12'51	0°56'55	
minimum elong	-3508 Feb 13 j 19:02	27° ♄ 28'04	8°20'08		-3506 Jul 18 j 03:18	0° ♄		
min. Earth dist.	-3508 Feb 13 j 08:24	27° ♄ 45'04	0.28930 AU	evening rise	-3506 Aug 09 j 04:46	27° ♄ 35'50		
morning rise	-3508 Feb 17 j 08:08	25° ♄ 14'08			-3506 Aug 11 j 02:49	0° ♁		
direct	-3508 Mar 06 j 04:03	19° ♄ 09'38			-3506 Sep 04 j 01:36	0° ♁		
greatest brilliancy	-3508 Mar 17 j 19:13	21° ♄ 35'53	-4.5m	desc. node	-3506 Sep 26 j 14:19	28° ♁ 09'39		
	-3508 Apr 01 j 14:08	0° ♁			-3506 Sep 28 j 01:42	0° ♁		
desc. node	-3508 Apr 10 j 19:28	7° ♁ 09'52			-3506 Oct 22 j 04:44	0° ♁		
morning max el	-3508 Apr 23 j 23:43	18° ♁ 59'46	45°48'24		-3506 Nov 15 j 12:34	0° ♁		
	-3508 May 05 j 03:25	0° ♁			-3506 Dec 10 j 05:14	0° ♄		
	-3508 Jun 02 j 01:59	0° ♁			-3505 Jan 04 j 15:48	0° ♁		
	-3508 Jun 28 j 05:19	0° ♄		asc. node	-3505 Jan 17 j 11:23	14° ♁ 31'28		
	-3508 Jul 23 j 08:34	0° ♂			-3505 Jan 31 j 18:18	0° ♁		
asc. node	-3508 Aug 01 j 17:55	11° ♂ 25'51		evening max el	-3505 Feb 12 j 20:37	12° ♁ 15'00	45°28'36	
	-3508 Aug 16 j 19:45	0° ♄			-3505 Mar 05 j 04:24	0° ♁		
	-3508 Sep 09 j 20:34	0° ♁		greatest brilliancy	-3505 Mar 18 j 22:52	8° ♁ 34'08	-4.5m	
	-3508 Oct 03 j 16:09	0° ♁		retrograde	-3505 Apr 02 j 10:15	12° ♁ 13'50		
morning set	-3508 Oct 20 j 18:14	21° ♁ 34'03		evening set	-3505 Apr 18 j 03:52	7° ♁ 30'54		
	-3508 Oct 27 j 10:44	0° ♁		inferior conj	-3505 Apr 23 j 22:03	4° ♁ 02'25	3°25'37	
	-3508 Nov 20 j 07:01	0° ♁		minimum elong	-3505 Apr 24 j 04:51	3° ♁ 51'45	3°23'50	
desc. node	-3508 Nov 21 j 12:38	1° ♁ 32'56		min. Earth dist.	-3505 Apr 24 j 14:00	3° ♁ 37'23	0.29121 AU	
				morning rise	-3505 Apr 30 j 05:22	0° ♁ 13'55		
superior conj	-3508 Dec 01 j 20:54	14° ♁ 30'48	0°-23'-50		-3505 Apr 30 j 15:29	30° ♄		
minimum elong	-3508 Dec 01 j 14:36	14° ♁ 11'03	0°23'39	desc. node	-3505 May 09 j 06:54	26° ♁ 27'29		
max. Earth dist.	-3508 Dec 06 j 18:36	20° ♁ 38'59	1.71534 AU	direct	-3505 May 15 j 17:00	25° ♁ 38'58		
	-3508 Dec 14 j 06:09	0° ♁		greatest brilliancy	-3505 May 29 j 21:50	29° ♁ 07'49	-4.5m	
	-3507 Jan 07 j 08:27	0° ♄			-3505 May 31 j 17:04	0° ♁		
evening rise	-3507 Jan 12 j 04:26	5° ♄ 59'52		morning max el	-3505 Jul 03 j 21:01	25° ♁ 53'10	46°04'34	
	-3507 Jan 31 j 14:20	0° ♁			-3505 Jul 08 j 01:32	0° ♄		
	-3507 Feb 25 j 00:53	0° ♁			-3505 Aug 05 j 02:44	0° ♂		
asc. node	-3507 Mar 14 j 09:28	21° ♁ 07'02		asc. node	-3505 Aug 30 j 05:37	29° ♂ 13'17		
	-3507 Mar 21 j 17:51	0° ♁			-3505 Aug 30 j 21:16	0° ♄		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3505 Sep 24 j 13:53	0°♈		greatest brilliancy	-3502 May 30 j 19:47	16°♊52'29	-4.5m
	-3505 Oct 18 j 17:47	0°♍		desc. node	-3502 Jun 05 j 18:40	18°♊47'59	
	-3505 Nov 11 j 17:09	0°♋		retrograde	-3502 Jun 12 j 06:21	19°♊34'13	
	-3505 Dec 05 j 16:49	0°♌		evening set	-3502 Jun 27 j 19:04	15°♊00'26	
desc. node	-3505 Dec 20 j 00:49	17°♌52'15		inferior conj	-3502 Jul 03 j 10:16	11°♊41'59	-5°-58'-46
	-3505 Dec 29 j 18:51	0°♌		minimum elong	-3502 Jul 03 j 00:01	11°♊57'35	5°56'25
morning set	-3504 Jan 07 j 02:25	10°♌19'39		min. Earth dist.	-3502 Jul 03 j 17:27	11°♊31'03	0.28070 AU
	-3504 Jan 22 j 23:28	0°♌		morning rise	-3502 Jul 08 j 04:34	8°♊51'50	
				direct	-3502 Jul 24 j 19:37	3°♊38'55	
superior conj	-3504 Feb 15 j 20:50	29°♌30'46	-1°-23'-48	greatest brilliancy	-3502 Aug 08 j 06:48	7°♊22'12	-4.6m
minimum elong	-3504 Feb 15 j 21:29	29°♌32'46	1°23'56		-3502 Sep 06 j 23:52	0°♋	
	-3504 Feb 16 j 06:19	0°♋		morning max el	-3502 Sep 13 j 04:14	6°♋05'12	46°42'04
max. Earth dist.	-3504 Feb 18 j 04:33	2°♋22'29	1.73136 AU	asc. node	-3502 Sep 26 j 17:08	20°♋20'29	
	-3504 Mar 11 j 15:12	0°♋			-3502 Oct 05 j 09:45	0°♈	
evening rise	-3504 Mar 24 j 09:36	15°♋40'16			-3502 Oct 31 j 03:15	0°♍	
	-3504 Apr 05 j 02:11	0°♍			-3502 Nov 24 j 22:37	0°♋	
asc. node	-3504 Apr 10 j 21:39	7°♍06'46			-3502 Dec 19 j 10:52	0°♌	
	-3504 Apr 29 j 15:23	0°♌			-3501 Jan 12 j 22:03	0°♌	
	-3504 May 24 j 07:08	0°♊		desc. node	-3501 Jan 16 j 12:53	4°♌25'59	
	-3504 Jun 18 j 02:33	0°♋			-3501 Feb 06 j 09:56	0°♌	
	-3504 Jul 13 j 04:18	0°♈			-3501 Mar 02 j 22:20	0°♋	
desc. node	-3504 Jul 31 j 16:02	21°♈46'43		morning set	-3501 Mar 20 j 00:11	20°♋53'55	
	-3504 Aug 07 j 17:48	0°♍			-3501 Mar 27 j 10:34	0°♋	
	-3504 Sep 03 j 07:44	0°♋			-3501 Apr 20 j 21:57	0°♍	
evening max el	-3504 Sep 20 j 08:01	17°♋57'49	47°33'22	max. Earth dist.	-3501 Apr 23 j 15:59	3°♍22'39	1.73708 AU
	-3504 Oct 02 j 18:57	0°♌					
greatest brilliancy	-3504 Oct 28 j 23:22	18°♌48'17	-4.7m	superior conj	-3501 Apr 25 j 06:51	5°♍21'56	0°-32'-18
retrograde	-3504 Nov 10 j 08:53	21°♌43'14		minimum elong	-3501 Apr 25 j 12:49	5°♍40'14	0°32'03
asc. node	-3504 Nov 21 j 13:56	19°♌06'58		asc. node	-3501 May 09 j 09:57	22°♍43'39	
evening set	-3504 Nov 24 j 22:09	17°♌26'16			-3501 May 15 j 07:52	0°♌	
min. Earth dist.	-3504 Nov 30 j 05:18	14°♌17'22	0.26828 AU	evening rise	-3501 May 31 j 00:01	19°♌18'22	
inferior conj	-3504 Dec 01 j 02:07	13°♌44'57	2°22'58		-3501 Jun 08 j 16:04	0°♊	
minimum elong	-3504 Nov 30 j 21:04	13°♌52'50	2°21'20		-3501 Jul 02 j 23:03	0°♋	
morning rise	-3504 Dec 06 j 20:40	10°♌18'03			-3501 Jul 27 j 06:05	0°♈	
direct	-3504 Dec 21 j 10:17	6°♌01'40			-3501 Aug 20 j 15:08	0°♍	
greatest brilliancy	-3503 Jan 01 j 07:43	8°♌14'25	-4.6m	desc. node	-3501 Aug 29 j 04:09	10°♍28'09	
	-3503 Feb 01 j 04:38	0°♌			-3501 Sep 14 j 04:36	0°♋	
morning max el	-3503 Feb 08 j 21:04	7°♌15'47	46°13'46		-3501 Oct 09 j 02:22	0°♌	
	-3503 Mar 02 j 23:05	0°♌			-3501 Nov 03 j 17:23	0°♌	
desc. node	-3503 Mar 13 j 10:09	11°♌23'14			-3501 Dec 01 j 05:01	0°♌	
	-3503 Mar 30 j 01:01	0°♋		evening max el	-3501 Dec 01 j 15:38	0°♌27'05	46°53'25
	-3503 Apr 25 j 01:14	0°♋		asc. node	-3501 Dec 20 j 01:46	17°♌43'33	
	-3503 May 20 j 10:08	0°♍		greatest brilliancy	-3500 Jan 06 j 12:22	29°♌43'21	-4.6m
	-3503 Jun 14 j 07:19	0°♌			-3500 Jan 07 j 01:54	0°♋	
asc. node	-3503 Jul 04 j 08:07	24°♌31'51		retrograde	-3500 Jan 21 j 05:32	3°♋39'22	
	-3503 Jul 08 j 18:30	0°♊			-3500 Feb 03 j 14:37	30°♌	
	-3503 Aug 01 j 21:28	0°♋		evening set	-3500 Feb 07 j 21:59	27°♌31'15	
morning set	-3503 Aug 04 j 23:13	3°♋50'40		inferior conj	-3500 Feb 11 j 11:29	25°♌15'50	8°20'17
	-3503 Aug 25 j 18:53	0°♈		minimum elong	-3500 Feb 11 j 10:40	25°♌17'08	8°20'10
				min. Earth dist.	-3500 Feb 10 j 23:20	25°♌35'17	0.28876 AU
superior conj	-3503 Sep 12 j 11:58	22°♈19'44	1°17'17	morning rise	-3500 Feb 14 j 23:39	23°♌03'12	
minimum elong	-3503 Sep 12 j 19:51	22°♈44'35	1°17'12	direct	-3500 Mar 03 j 20:03	16°♌58'45	
max. Earth dist.	-3503 Sep 11 j 23:18	21°♈39'48	1.71002 AU	greatest brilliancy	-3500 Mar 15 j 07:27	19°♌21'25	-4.5m
	-3503 Sep 18 j 13:53	0°♍			-3500 Apr 02 j 04:52	0°♋	
	-3503 Oct 12 j 09:10	0°♋		desc. node	-3500 Apr 09 j 21:35	6°♋12'01	
evening rise	-3503 Oct 23 j 23:17	14°♋34'16		morning max el	-3500 Apr 21 j 15:00	16°♋48'40	45°48'30
desc. node	-3503 Oct 24 j 02:35	14°♋44'38			-3500 May 04 j 22:00	0°♋	
	-3503 Nov 05 j 06:29	0°♌			-3500 Jun 01 j 16:22	0°♍	
	-3503 Nov 29 j 06:49	0°♌			-3500 Jun 27 j 17:59	0°♌	
	-3503 Dec 23 j 11:19	0°♌			-3500 Jul 22 j 20:23	0°♊	
	-3502 Jan 16 j 22:30	0°♋		asc. node	-3500 Jul 31 j 19:55	10°♊56'29	
	-3502 Feb 10 j 20:47	0°♋			-3500 Aug 16 j 07:07	0°♋	
asc. node	-3502 Feb 13 j 23:20	3°♋41'03			-3500 Sep 09 j 07:43	0°♈	
	-3502 Mar 08 j 13:51	0°♍			-3500 Oct 03 j 03:12	0°♍	
	-3502 Apr 04 j 17:22	0°♌		morning set	-3500 Oct 18 j 04:56	19°♍01'37	
evening max el	-3502 Apr 24 j 18:13	20°♌14'42	45°14'00		-3500 Oct 26 j 21:45	0°♋	
	-3502 May 05 j 12:57	0°♊			-3500 Nov 19 j 18:01	0°♌	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3500 Nov 20 j 14:50	1°♄05'19		min. Earth dist.	-3497 Apr 22 j 06:41	1°♃29'44	0.29149 AU
					-3497 Apr 24 j 16:29	30°♄	
superior conj	-3500 Nov 29 j 06:09	11°♄55'03	0°-20'00	morning rise	-3497 Apr 27 j 20:54	28°♄07'51	
minimum elong	-3500 Nov 29 j 00:47	11°♄38'15	0°19'51	desc. node	-3497 May 08 j 09:05	24°♄00'18	
max. Earth dist.	-3500 Dec 04 j 05:05	18°♄07'17	1.71485 AU	direct	-3497 May 13 j 09:18	23°♄30'42	
	-3500 Dec 13 j 17:09	0°♂		greatest brilliancy	-3497 May 27 j 14:28	26°♄59'50	-4.5m
	-3499 Jan 06 j 19:26	0°♂			-3497 Jun 02 j 07:01	0°♃	
evening rise	-3499 Jan 09 j 16:29	3°♂34'17		morning max el	-3497 Jul 01 j 13:24	23°♃43'20	46°03'29
	-3499 Jan 31 j 01:20	0°♂			-3497 Jul 07 j 21:51	0°♄	
	-3499 Feb 24 j 12:01	0°♄			-3497 Aug 04 j 17:53	0°♂	
asc. node	-3499 Mar 13 j 11:31	20°♄38'47		asc. node	-3497 Aug 29 j 07:40	28°♂39'50	
	-3499 Mar 21 j 05:20	0°♃			-3497 Aug 30 j 10:29	0°♂	
	-3499 Apr 15 j 07:44	0°♄			-3497 Sep 24 j 02:11	0°♄	
	-3499 May 10 j 23:09	0°♂			-3497 Oct 18 j 05:35	0°♄	
	-3499 Jun 06 j 12:29	0°♂			-3497 Nov 11 j 04:39	0°♄	
desc. node	-3499 Jul 03 j 06:21	28°♂09'37			-3497 Dec 05 j 04:06	0°♄	
	-3499 Jul 05 j 03:09	0°♄		desc. node	-3497 Dec 19 j 02:56	17°♄24'11	
evening max el	-3499 Jul 06 j 12:56	1°♄22'21	46°23'28		-3497 Dec 29 j 05:55	0°♂	
	-3499 Aug 13 j 11:45	0°♄		morning set	-3496 Jan 04 j 13:57	7°♂52'13	
greatest brilliancy	-3499 Aug 15 j 02:15	0°♄36'42	-4.6m		-3496 Jan 22 j 10:22	0°♂	
retrograde	-3499 Aug 25 j 06:30	2°♄30'30					
	-3499 Sep 05 j 13:10	30°♄		superior conj	-3496 Feb 13 j 12:09	27°♂16'38	-1°-23'-51
evening set	-3499 Sep 11 j 13:42	26°♄53'13		minimum elong	-3496 Feb 13 j 12:01	27°♂16'13	1°24'00
inferior conj	-3499 Sep 14 j 23:06	24°♄51'25	-8°-6'-2		-3496 Feb 15 j 17:08	0°♂	
minimum elong	-3499 Sep 15 j 07:50	24°♄38'11	8°04'46	max. Earth dist.	-3496 Feb 15 j 20:58	0°♂11'51	1.73094 AU
min. Earth dist.	-3499 Sep 15 j 10:27	24°♄34'11	0.26731 AU		-3496 Mar 11 j 02:01	0°♄	
morning rise	-3499 Sep 19 j 01:46	22°♄24'25		evening rise	-3496 Mar 22 j 03:10	13°♄33'48	
direct	-3499 Oct 05 j 10:50	17°♄12'15			-3496 Apr 04 j 13:05	0°♃	
greatest brilliancy	-3499 Oct 18 j 07:46	20°♄17'03	-4.7m	asc. node	-3496 Apr 09 j 23:49	6°♃39'57	
asc. node	-3499 Oct 24 j 04:31	23°♄24'15			-3496 Apr 29 j 02:31	0°♄	
	-3499 Nov 02 j 14:21	0°♄			-3496 May 23 j 18:40	0°♂	
morning max el	-3499 Nov 25 j 04:00	20°♄44'58	46°49'23		-3496 Jun 17 j 14:45	0°♂	
	-3499 Dec 04 j 00:15	0°♄			-3496 Jul 12 j 17:32	0°♄	
	-3499 Dec 30 j 22:13	0°♄		desc. node	-3496 Jul 30 j 18:03	21°♄10'32	
	-3498 Jan 25 j 16:33	0°♂			-3496 Aug 07 j 08:50	0°♄	
desc. node	-3498 Feb 13 j 00:34	21°♄41'10			-3496 Sep 03 j 02:25	0°♄	
	-3498 Feb 20 j 00:19	0°♂		evening max el	-3496 Sep 17 j 22:33	15°♄34'55	47°32'47
	-3498 Mar 17 j 02:21	0°♂			-3496 Oct 03 j 01:43	0°♄	
	-3498 Apr 10 j 23:49	0°♄		greatest brilliancy	-3496 Oct 26 j 14:33	16°♄22'43	-4.7m
	-3498 May 05 j 16:43	0°♃		retrograde	-3496 Nov 07 j 23:07	19°♄16'17	
morning set	-3498 May 25 j 23:55	24°♃50'20		asc. node	-3496 Nov 20 j 16:10	15°♄56'25	
	-3498 May 30 j 04:41	0°♄		evening set	-3496 Nov 22 j 10:59	15°♄00'19	
asc. node	-3498 Jun 05 j 22:09	8°♄17'00		min. Earth dist.	-3496 Nov 27 j 19:14	11°♄50'07	0.26770 AU
	-3498 Jun 23 j 11:37	0°♂		inferior conj	-3496 Nov 28 j 15:21	11°♄18'54	2°00'34
max. Earth dist.	-3498 Jun 26 j 17:21	4°♂01'12	1.72608 AU	minimum elong	-3496 Nov 28 j 11:01	11°♄25'37	1°59'08
				morning rise	-3496 Dec 04 j 11:48	7°♄50'07	
superior conj	-3498 Jul 01 j 03:54	9°♂32'11	0°54'43	direct	-3496 Dec 18 j 23:13	3°♄36'32	
minimum elong	-3498 Jun 30 j 19:18	9°♂05'27	0°54'32	greatest brilliancy	-3496 Dec 29 j 21:11	5°♄50'29	-4.6m
	-3498 Jul 17 j 14:07	0°♂			-3495 Feb 01 j 06:56	0°♂	
evening rise	-3498 Aug 06 j 19:58	25°♂18'56		morning max el	-3495 Feb 06 j 12:04	4°♂59'10	46°15'10
	-3498 Aug 10 j 13:46	0°♄			-3495 Mar 02 j 16:04	0°♂	
	-3498 Sep 03 j 12:45	0°♄		desc. node	-3495 Mar 12 j 12:18	10°♂46'13	
desc. node	-3498 Sep 25 j 16:24	27°♄40'38			-3495 Mar 29 j 14:58	0°♂	
	-3498 Sep 27 j 13:06	0°♄			-3495 Apr 24 j 13:46	0°♄	
	-3498 Oct 21 j 16:25	0°♄			-3495 May 19 j 21:54	0°♃	
	-3498 Nov 15 j 00:40	0°♂			-3495 Jun 13 j 18:39	0°♄	
	-3498 Dec 09 j 18:03	0°♂		asc. node	-3495 Jul 03 j 10:08	24°♄03'46	
	-3497 Jan 04 j 06:09	0°♂			-3495 Jul 08 j 05:36	0°♂	
asc. node	-3497 Jan 16 j 13:24	13°♂53'20			-3495 Aug 01 j 08:30	0°♂	
	-3497 Jan 31 j 12:37	0°♄		morning set	-3495 Aug 02 j 14:19	1°♂33'16	
evening max el	-3497 Feb 10 j 11:17	10°♄01'11	45°30'37		-3495 Aug 25 j 05:56	0°♄	
	-3497 Mar 05 j 19:24	0°♃		max. Earth dist.	-3495 Sep 09 j 06:25	18°♄55'52	1.71029 AU
greatest brilliancy	-3497 Mar 16 j 12:54	6°♃23'39	-4.5m				
retrograde	-3497 Mar 31 j 03:01	10°♃07'05		superior conj	-3495 Sep 10 j 00:07	19°♄51'41	1°18'40
evening set	-3497 Apr 15 j 22:33	5°♃20'22		minimum elong	-3495 Sep 10 j 07:15	20°♄14'11	1°18'38
inferior conj	-3497 Apr 21 j 14:43	1°♃54'46	3°42'43		-3495 Sep 18 j 01:00	0°♄	
minimum elong	-3497 Apr 21 j 21:57	1°♃43'26	3°40'53		-3495 Oct 11 j 20:23	0°♄	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening rise	-3495 Oct 21 j 07:57	11°♄55'24		morning max el	-3492 Apr 19 j 05:44	14°≈35'27	45°48'46
desc. node	-3495 Oct 23 j 04:45	14°♄16'07			-3492 May 04 j 16:22	0°♄	
	-3495 Nov 04 j 17:48	0°♄			-3492 Jun 01 j 06:50	0°♄	
	-3495 Nov 28 j 18:13	0°♄			-3492 Jun 27 j 06:51	0°♄	
	-3495 Dec 22 j 22:53	0°♄			-3492 Jul 22 j 08:29	0°♄	
	-3494 Jan 16 j 10:23	0°≈		asc. node	-3492 Jul 30 j 22:02	10°♄26'26	
	-3494 Feb 10 j 09:20	0°♄			-3492 Aug 15 j 18:51	0°♄	
asc. node	-3494 Feb 13 j 01:26	3°♄09'48			-3492 Sep 08 j 19:16	0°♄	
	-3494 Mar 08 j 03:50	0°♄			-3492 Oct 02 j 14:39	0°♄	
	-3494 Apr 04 j 10:48	0°♄		morning set	-3492 Oct 15 j 15:20	16°♄27'00	
evening max el	-3494 Apr 22 j 10:08	18°♄03'51	45°12'48		-3492 Oct 26 j 09:07	0°♄	
	-3494 May 05 j 19:25	0°♄			-3492 Nov 19 j 05:21	0°♄	
greatest brilliancy	-3494 May 28 j 08:25	14°♄35'49	-4.5m	desc. node	-3492 Nov 19 j 16:54	0°♄36'16	
desc. node	-3494 Jun 04 j 20:49	16°♄51'09					
retrograde	-3494 Jun 09 j 20:20	17°♄18'33		superior conj	-3492 Nov 26 j 15:09	9°♄17'30	0°-16'-6
evening set	-3494 Jun 25 j 06:49	12°♄48'34		minimum elong	-3492 Nov 26 j 10:47	9°♄03'48	0°15'59
inferior conj	-3494 Jul 01 j 00:45	9°♄25'57	-5°-42'-31	behind sun begin	-3492 Nov 26 j 05:07	8°♄46'03	
minimum elong	-3494 Jun 30 j 14:38	9°♄41'23	5°40'07	behind sun end	-3492 Nov 26 j 16:27	9°♄21'33	
min. Earth dist.	-3494 Jul 01 j 08:02	9°♄14'49	0.28110 AU	max. Earth dist.	-3492 Dec 01 j 13:02	15°♄26'35	1.71430 AU
morning rise	-3494 Jul 05 j 22:03	6°♄31'09			-3492 Dec 13 j 04:26	0°♄	
direct	-3494 Jul 22 j 11:03	1°♄22'15			-3491 Jan 06 j 06:43	0°♄	
greatest brilliancy	-3494 Aug 05 j 21:07	5°♄03'52	-4.6m	evening rise	-3491 Jan 07 j 04:22	1°♄07'14	
	-3494 Sep 07 j 00:28	0°♄			-3491 Jan 30 j 12:39	0°≈	
morning max el	-3494 Sep 10 j 18:13	3°♄42'55	46°40'55		-3491 Feb 23 j 23:29	0°♄	
asc. node	-3494 Sep 25 j 19:20	19°♄36'05		asc. node	-3491 Mar 12 j 13:43	20°♄10'03	
	-3494 Oct 05 j 02:37	0°♄			-3491 Mar 20 j 17:11	0°♄	
	-3494 Oct 30 j 17:34	0°♄			-3491 Apr 14 j 20:18	0°♄	
	-3494 Nov 24 j 11:42	0°♄			-3491 May 10 j 13:03	0°♄	
	-3494 Dec 18 j 23:12	0°♄			-3491 Jun 06 j 05:07	0°♄	
	-3493 Jan 12 j 09:53	0°♄		desc. node	-3491 Jul 02 j 08:20	27°♄17'36	
desc. node	-3493 Jan 15 j 14:49	3°♄55'51		evening max el	-3491 Jul 04 j 00:35	28°♄55'42	46°20'10
	-3493 Feb 05 j 21:23	0°♄			-3491 Jul 05 j 03:13	0°♄	
	-3493 Mar 02 j 09:30	0°≈		greatest brilliancy	-3491 Aug 12 j 14:26	28°♄08'30	-4.6m
morning set	-3493 Mar 17 j 17:43	18°≈46'58			-3491 Aug 21 j 11:17	0°♄	
	-3493 Mar 26 j 21:32	0°♄		retrograde	-3491 Aug 22 j 17:47	0°♄01'54	
	-3493 Apr 20 j 08:48	0°♄			-3491 Aug 24 j 00:08	30°♄	
max. Earth dist.	-3493 Apr 21 j 14:32	1°♄31'12	1.73716 AU	evening set	-3491 Sep 09 j 04:32	24°♄20'12	
				inferior conj	-3491 Sep 12 j 11:14	22°♄22'36	-8°-15'-45
superior conj	-3493 Apr 23 j 01:45	3°♄19'17	0°-35'-5	minimum elong	-3491 Sep 12 j 19:19	22°♄10'22	8°14'40
minimum elong	-3493 Apr 23 j 08:09	3°♄38'53	0°34'50	min. Earth dist.	-3491 Sep 12 j 23:15	22°♄04'25	0.26778 AU
asc. node	-3493 May 08 j 12:07	22°♄16'52		morning rise	-3491 Sep 16 j 09:53	20°♄01'27	
	-3493 May 14 j 18:46	0°♄		direct	-3491 Oct 02 j 23:04	14°♄42'22	
evening rise	-3493 May 28 j 19:29	17°♄16'31		greatest brilliancy	-3491 Oct 15 j 23:28	17°♄50'40	-4.7m
	-3493 Jun 08 j 03:09	0°♄		asc. node	-3491 Oct 23 j 06:44	21°♄52'26	
	-3493 Jul 02 j 10:26	0°♄			-3491 Nov 03 j 05:22	0°♄	
	-3493 Jul 26 j 17:52	0°♄		morning max el	-3491 Nov 22 j 17:01	18°♄16'05	46°50'11
	-3493 Aug 20 j 03:25	0°♄			-3491 Dec 03 j 20:26	0°♄	
desc. node	-3493 Aug 28 j 06:16	9°♄56'23			-3491 Dec 30 j 13:59	0°♄	
	-3493 Sep 13 j 17:35	0°♄			-3490 Jan 25 j 06:20	0°♄	
	-3493 Oct 08 j 16:27	0°♄		desc. node	-3490 Feb 12 j 02:46	21°♄09'21	
	-3493 Nov 03 j 09:37	0°♄			-3490 Feb 19 j 12:58	0°♄	
evening max el	-3493 Nov 29 j 07:01	28°♄08'27	46°56'10		-3490 Mar 16 j 14:17	0°≈	
	-3493 Dec 01 j 03:03	0°♄			-3490 Apr 10 j 11:17	0°♄	
asc. node	-3493 Dec 19 j 03:47	16°♄38'09			-3490 May 05 j 03:54	0°♄	
greatest brilliancy	-3492 Jan 04 j 07:27	27°♄32'56	-4.6m	morning set	-3490 May 23 j 18:48	22°♄46'56	
	-3492 Jan 10 j 06:10	0°≈			-3490 May 29 j 15:45	0°♄	
retrograde	-3492 Jan 18 j 21:56	1°≈26'07		asc. node	-3490 Jun 05 j 00:12	7°♄49'22	
	-3492 Jan 27 j 05:39	30°♄			-3490 Jun 22 j 22:39	0°♄	
evening set	-3492 Feb 05 j 13:32	25°♄20'01		max. Earth dist.	-3490 Jun 24 j 14:09	2°♄02'30	1.72666 AU
min. Earth dist.	-3492 Feb 08 j 14:42	23°♄24'17	0.28821 AU				
inferior conj	-3492 Feb 09 j 03:55	23°♄03'05	8°19'40	superior conj	-3490 Jun 28 j 21:58	7°♄24'49	0°52'17
minimum elong	-3492 Feb 09 j 02:22	23°♄05'34	8°19'31	minimum elong	-3490 Jun 28 j 13:31	6°♄58'35	0°52'05
morning rise	-3492 Feb 12 j 15:29	20°♄51'08			-3490 Jul 17 j 01:13	0°♄	
direct	-3492 Mar 01 j 11:37	14°♄47'06		evening rise	-3490 Aug 04 j 11:40	23°♄02'43	
greatest brilliancy	-3492 Mar 12 j 20:26	17°♄06'54	-4.5m		-3490 Aug 10 j 01:03	0°♄	
	-3492 Apr 02 j 16:11	0°≈			-3490 Sep 03 j 00:16	0°♄	
desc. node	-3492 Apr 08 j 23:43	5°≈14'51		desc. node	-3490 Sep 24 j 18:34	27°♄10'41	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3490 Sep 27 j 00:55	0°♄				-3487 Apr 24 j 02:25	0°♄		
	-3490 Oct 21 j 04:34	0°♌				-3487 May 19 j 09:45	0°♍		
	-3490 Nov 14 j 13:15	0°♊				-3487 Jun 13 j 06:04	0°♋		
	-3490 Dec 09 j 07:23	0°♐			asc. node	-3487 Jul 02 j 12:13	23°♏35'38		
	-3489 Jan 03 j 21:05	0°♍				-3487 Jul 07 j 16:47	0°♈		
asc. node	-3489 Jan 15 j 15:32	13°♌14'07			morning set	-3487 Jul 31 j 05:46	29°♈16'45		
	-3489 Jan 31 j 07:50	0°♄				-3487 Jul 31 j 19:36	0°♐		
evening max el	-3489 Feb 08 j 02:49	7°♄48'32	45°32'55			-3487 Aug 24 j 17:03	0°♌		
	-3489 Mar 06 j 16:09	0°♍			max. Earth dist.	-3487 Sep 06 j 10:57	16°♌03'44	1.71055 AU	
greatest brilliancy	-3489 Mar 14 j 03:21	4°♍13'09	-4.5m						
retrograde	-3489 Mar 28 j 20:18	7°♍59'51			superior conj	-3487 Sep 07 j 12:54	17°♌25'29	1°19'54	
evening set	-3489 Apr 13 j 17:28	3°♍09'22			minimum elong	-3487 Sep 07 j 19:16	17°♌45'35	1°19'54	
	-3489 Apr 18 j 22:57	30°♌				-3487 Sep 17 j 12:11	0°♐		
inferior conj	-3489 Apr 19 j 07:31	29°♄46'35	3°59'30			-3487 Oct 11 j 07:38	0°♄		
minimum elong	-3489 Apr 19 j 15:09	29°♄34'38	3°57'36		evening rise	-3487 Oct 18 j 17:02	9°♄17'43		
min. Earth dist.	-3489 Apr 19 j 23:07	29°♄22'07	0.29174 AU		desc. node	-3487 Oct 22 j 06:49	13°♄47'07		
morning rise	-3489 Apr 25 j 12:27	26°♄01'34				-3487 Nov 04 j 05:07	0°♌		
desc. node	-3489 May 07 j 11:14	21°♄37'31				-3487 Nov 28 j 05:40	0°♊		
direct	-3489 May 11 j 02:11	21°♄22'01				-3487 Dec 22 j 10:33	0°♐		
greatest brilliancy	-3489 May 25 j 06:46	24°♄50'59	-4.5m			-3486 Jan 15 j 22:24	0°♍		
	-3489 Jun 03 j 09:58	0°♍				-3486 Feb 09 j 22:04	0°♄		
morning max el	-3489 Jun 29 j 06:44	21°♍35'14	46°02'28		asc. node	-3486 Feb 12 j 03:38	2°♄38'21		
	-3489 Jul 07 j 17:49	0°♋				-3486 Mar 07 j 18:04	0°♍		
	-3489 Aug 04 j 09:03	0°♈				-3486 Apr 04 j 04:43	0°♋		
asc. node	-3489 Aug 28 j 09:56	28°♈06'31			evening max el	-3486 Apr 20 j 01:29	15°♋51'31	45°11'50	
	-3489 Aug 29 j 23:50	0°♐				-3486 May 06 j 04:20	0°♈		
	-3489 Sep 23 j 14:40	0°♌			greatest brilliancy	-3486 May 25 j 21:39	12°♈20'16	-4.5m	
	-3489 Oct 17 j 17:38	0°♐			desc. node	-3486 Jun 03 j 22:48	14°♈50'24		
	-3489 Nov 10 j 16:27	0°♄			retrograde	-3486 Jun 07 j 10:04	15°♈03'50		
	-3489 Dec 04 j 15:42	0°♌			evening set	-3486 Jun 22 j 19:00	10°♈37'12		
desc. node	-3489 Dec 18 j 04:57	16°♌54'40			inferior conj	-3486 Jun 28 j 15:29	7°♈10'52	-5°-25'-59	
	-3489 Dec 28 j 17:20	0°♊			minimum elong	-3486 Jun 28 j 05:35	7°♈26'01	5°23'33	
morning set	-3488 Jan 02 j 00:57	5°♊22'00			min. Earth dist.	-3486 Jun 28 j 23:12	6°♈59'04	0.28150 AU	
	-3488 Jan 21 j 21:37	0°♐			morning rise	-3486 Jul 03 j 15:41	4°♈11'31		
						-3486 Jul 13 j 08:52	30°♌		
superior conj	-3488 Feb 11 j 02:57	24°♐59'54	-1°-23'-47		direct	-3486 Jul 20 j 02:17	29°♋06'25		
minimum elong	-3488 Feb 11 j 01:59	24°♐56'55	1°23'55			-3486 Jul 26 j 23:52	0°♈		
max. Earth dist.	-3488 Feb 13 j 14:06	28°♐02'23	1.73046 AU		greatest brilliancy	-3486 Aug 03 j 12:10	2°♈47'00	-4.6m	
	-3488 Feb 15 j 04:14	0°♍				-3486 Sep 06 j 23:52	0°♐		
	-3488 Mar 10 j 13:05	0°♄			morning max el	-3486 Sep 08 j 07:34	1°♐19'22	46°39'48	
evening rise	-3488 Mar 19 j 20:34	11°♄25'59			asc. node	-3486 Sep 24 j 21:26	18°♐52'13		
	-3488 Apr 04 j 00:14	0°♍				-3486 Oct 04 j 19:07	0°♌		
asc. node	-3488 Apr 09 j 01:57	6°♍12'14				-3486 Oct 30 j 07:40	0°♐		
	-3488 Apr 28 j 13:53	0°♋				-3486 Nov 24 j 00:36	0°♄		
	-3488 May 23 j 06:28	0°♈				-3486 Dec 18 j 11:22	0°♌		
	-3488 Jun 17 j 03:12	0°♐				-3485 Jan 11 j 21:34	0°♊		
desc. node	-3488 Jul 12 j 07:04	0°♌			desc. node	-3485 Jan 14 j 17:01	3°♊26'54		
	-3488 Jul 29 j 20:15	20°♌34'15				-3485 Feb 05 j 08:44	0°♐		
	-3488 Aug 07 j 00:12	0°♐				-3485 Mar 01 j 20:35	0°♍		
	-3488 Sep 02 j 21:41	0°♄			morning set	-3485 Mar 15 j 11:02	16°♍39'30		
evening max el	-3488 Sep 15 j 13:56	13°♄13'58	47°31'57			-3485 Mar 26 j 08:26	0°♄		
	-3488 Oct 03 j 11:06	0°♌			max. Earth dist.	-3485 Apr 19 j 11:03	29°♄33'45	1.73721 AU	
greatest brilliancy	-3488 Oct 24 j 05:39	13°♌56'39	-4.7m			-3485 Apr 19 j 19:37	0°♍		
retrograde	-3488 Nov 05 j 13:20	16°♌48'23							
asc. node	-3488 Nov 19 j 18:11	12°♌41'21			superior conj	-3485 Apr 20 j 20:32	1°♍16'28	0°-37'-51	
evening set	-3488 Nov 20 j 00:01	12°♌33'26			minimum elong	-3485 Apr 21 j 03:19	1°♍37'17	0°37'34	
min. Earth dist.	-3488 Nov 25 j 09:06	9°♌22'03	0.26718 AU		asc. node	-3485 May 07 j 14:08	21°♍49'48		
inferior conj	-3488 Nov 26 j 04:31	8°♌51'57	1°37'44			-3485 May 14 j 05:35	0°♋		
minimum elong	-3488 Nov 26 j 00:58	8°♌57'27	1°36'32		evening rise	-3485 May 26 j 14:53	15°♋14'49		
morning rise	-3488 Dec 02 j 02:44	5°♌21'20				-3485 Jun 07 j 14:07	0°♈		
direct	-3488 Dec 16 j 12:31	1°♌10'39				-3485 Jul 01 j 21:41	0°♐		
greatest brilliancy	-3488 Dec 27 j 10:14	3°♌24'58	-4.6m			-3485 Jul 26 j 05:31	0°♌		
	-3487 Feb 01 j 08:16	0°♊				-3485 Aug 19 j 15:35	0°♐		
morning max el	-3487 Feb 04 j 02:55	2°♊41'07	46°16'27		desc. node	-3485 Aug 27 j 08:25	9°♐25'02		
	-3487 Mar 02 j 09:02	0°♐				-3485 Sep 13 j 06:30	0°♄		
desc. node	-3487 Mar 11 j 14:29	10°♐08'48				-3485 Oct 08 j 06:32	0°♌		
	-3487 Mar 29 j 05:02	0°♍				-3485 Nov 03 j 01:55	0°♊		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3485 Nov 26 j 21:39	25° 𐤆 48'27	46°58'56			-3482 May 29 j 02:29	0° 𐤆	
	-3485 Dec 01 j 01:41	0° 𐤆		asc. node		-3482 Jun 04 j 02:20	7° 𐤆 22'55	
asc. node	-3485 Dec 18 j 05:56	15° 𐤆 32'13				-3482 Jun 22 j 09:23	0° 𐤆	
greatest brilliancy	-3484 Jan 02 j 01:43	25° 𐤆 22'04	-4.6m	max. Earth dist.		-3482 Jun 22 j 10:20	0° 𐤆 02'57	1.72724 AU
retrograde	-3484 Jan 16 j 14:13	29° 𐤆 13'50						
evening set	-3484 Feb 03 j 04:53	23° 𐤆 09'58		superior conj		-3482 Jun 26 j 15:57	5° 𐤆 18'16	0°49'46
inferior conj	-3484 Feb 06 j 20:25	20° 𐤆 51'17	8°18'16	minimum elong		-3482 Jun 26 j 07:43	4° 𐤆 52'41	0°49'33
minimum elong	-3484 Feb 06 j 18:10	20° 𐤆 54'54	8°18'03			-3482 Jul 16 j 12:02	0° 𐤆	
min. Earth dist.	-3484 Feb 06 j 06:23	21° 𐤆 13'48	0.28766 AU	evening rise		-3482 Aug 02 j 03:21	20° 𐤆 47'29	
morning rise	-3484 Feb 10 j 07:44	18° 𐤆 39'35				-3482 Aug 09 j 12:00	0° 𐤆	
direct	-3484 Feb 28 j 02:52	12° 𐤆 36'10				-3482 Sep 02 j 11:27	0° 𐤆	
greatest brilliancy	-3484 Mar 10 j 10:38	14° 𐤆 54'28	-4.5m	desc. node		-3482 Sep 23 j 20:36	26° 𐤆 41'20	
	-3484 Apr 03 j 00:13	0° 𐤆				-3482 Sep 26 j 12:22	0° 𐤆	
desc. node	-3484 Apr 08 j 01:49	4° 𐤆 19'30				-3482 Oct 20 j 16:22	0° 𐤆	
morning max el	-3484 Apr 16 j 20:33	12° 𐤆 22'57	45°49'01			-3482 Nov 14 j 01:33	0° 𐤆	
	-3484 May 04 j 10:05	0° 𐤆				-3482 Dec 08 j 20:30	0° 𐤆	
	-3484 May 31 j 20:58	0° 𐤆				-3481 Jan 03 j 11:53	0° 𐤆	
	-3484 Jun 26 j 19:27	0° 𐤆		asc. node		-3481 Jan 14 j 17:48	12° 𐤆 35'50	
	-3484 Jul 21 j 20:18	0° 𐤆				-3481 Jan 31 j 03:13	0° 𐤆	
asc. node	-3484 Jul 30 j 00:17	9° 𐤆 57'41		evening max el		-3481 Feb 05 j 19:05	5° 𐤆 38'35	45°35'18
	-3484 Aug 15 j 06:17	0° 𐤆				-3481 Mar 07 j 20:04	0° 𐤆	
	-3484 Sep 08 j 06:31	0° 𐤆		greatest brilliancy		-3481 Mar 11 j 19:02	2° 𐤆 05'17	-4.5m
	-3484 Oct 02 j 01:49	0° 𐤆		retrograde		-3481 Mar 26 j 13:36	5° 𐤆 53'32	
morning set	-3484 Oct 13 j 01:51	13° 𐤆 53'26		evening set		-3481 Apr 11 j 12:29	0° 𐤆 59'29	
	-3484 Oct 25 j 20:15	0° 𐤆				-3481 Apr 13 j 05:15	30° 𐤆	
desc. node	-3484 Nov 18 j 18:56	0° 𐤆 07'47		inferior conj		-3481 Apr 17 j 00:18	27° 𐤆 39'27	4°15'56
	-3484 Nov 18 j 16:27	0° 𐤆		minimum elong		-3481 Apr 17 j 08:16	27° 𐤆 26'56	4°13'59
				min. Earth dist.		-3481 Apr 17 j 15:14	27° 𐤆 16'00	0.29196 AU
superior conj	-3484 Nov 24 j 00:11	6° 𐤆 40'39	0°-12'-10	morning rise		-3481 Apr 23 j 03:48	23° 𐤆 56'29	
minimum elong	-3484 Nov 23 j 20:50	6° 𐤆 30'10	0°12'05	desc. node		-3481 May 06 j 13:14	19° 𐤆 20'40	
behind sun begin	-3484 Nov 23 j 02:22	5° 𐤆 32'16		direct		-3481 May 08 j 19:25	19° 𐤆 14'39	
behind sun end	-3484 Nov 24 j 15:18	7° 𐤆 28'04		greatest brilliancy		-3481 May 22 j 21:48	22° 𐤆 41'49	-4.5m
max. Earth dist.	-3484 Nov 28 j 17:49	12° 𐤆 36'39	1.71378 AU			-3481 Jun 04 j 05:06	0° 𐤆	
	-3484 Dec 12 j 15:30	0° 𐤆		morning max el		-3481 Jun 26 j 23:55	19° 𐤆 28'02	46°01'17
evening rise	-3483 Jan 04 j 16:17	28° 𐤆 41'03				-3481 Jul 07 j 12:48	0° 𐤆	
	-3483 Jan 05 j 17:43	0° 𐤆				-3481 Aug 03 j 23:43	0° 𐤆	
	-3483 Jan 29 j 23:40	0° 𐤆		asc. node		-3481 Aug 27 j 11:59	27° 𐤆 33'35	
	-3483 Feb 23 j 10:40	0° 𐤆				-3481 Aug 29 j 12:48	0° 𐤆	
asc. node	-3483 Mar 11 j 15:49	19° 𐤆 41'53				-3481 Sep 23 j 02:50	0° 𐤆	
	-3483 Mar 20 j 04:45	0° 𐤆				-3481 Oct 17 j 05:21	0° 𐤆	
	-3483 Apr 14 j 08:38	0° 𐤆				-3481 Nov 10 j 03:53	0° 𐤆	
	-3483 May 10 j 02:48	0° 𐤆				-3481 Dec 04 j 02:56	0° 𐤆	
	-3483 Jun 05 j 21:46	0° 𐤆		desc. node		-3481 Dec 17 j 07:07	16° 𐤆 26'46	
desc. node	-3483 Jul 01 j 10:34	26° 𐤆 26'20				-3481 Dec 28 j 04:24	0° 𐤆	
evening max el	-3483 Jul 01 j 12:53	26° 𐤆 31'56	46°17'08	morning set		-3481 Dec 30 j 11:47	2° 𐤆 52'12	
	-3483 Jul 05 j 03:59	0° 𐤆				-3480 Jan 21 j 08:32	0° 𐤆	
greatest brilliancy	-3483 Aug 10 j 01:34	25° 𐤆 40'56	-4.6m					
retrograde	-3483 Aug 20 j 05:52	27° 𐤆 35'17		superior conj		-3480 Feb 08 j 17:31	22° 𐤆 43'13	-1°-23'-33
evening set	-3483 Sep 06 j 19:21	21° 𐤆 49'14		minimum elong		-3480 Feb 08 j 15:43	22° 𐤆 37'39	1°23'41
inferior conj	-3483 Sep 09 j 23:33	19° 𐤆 55'32	-8°-24'-25	max. Earth dist.		-3480 Feb 11 j 08:18	25° 𐤆 57'01	1.73000 AU
minimum elong	-3483 Sep 10 j 06:58	19° 𐤆 44'20	8°23'30			-3480 Feb 14 j 15:04	0° 𐤆	
min. Earth dist.	-3483 Sep 10 j 11:47	19° 𐤆 37'03	0.26826 AU			-3480 Mar 09 j 23:52	0° 𐤆	
morning rise	-3483 Sep 13 j 18:22	17° 𐤆 40'11		evening rise		-3480 Mar 17 j 13:50	9° 𐤆 18'38	
direct	-3483 Sep 30 j 11:58	12° 𐤆 14'19				-3480 Apr 03 j 11:05	0° 𐤆	
greatest brilliancy	-3483 Oct 13 j 15:03	15° 𐤆 25'56	-4.7m	asc. node		-3480 Apr 08 j 04:01	5° 𐤆 45'19	
asc. node	-3483 Oct 22 j 08:49	20° 𐤆 25'09				-3480 Apr 28 j 00:57	0° 𐤆	
	-3483 Nov 03 j 16:03	0° 𐤆				-3480 May 22 j 17:56	0° 𐤆	
morning max el	-3483 Nov 20 j 07:05	15° 𐤆 51'05	46°50'45			-3480 Jun 16 j 15:24	0° 𐤆	
	-3483 Dec 03 j 15:38	0° 𐤆				-3480 Jul 11 j 20:26	0° 𐤆	
	-3483 Dec 30 j 05:11	0° 𐤆		desc. node		-3480 Jul 28 j 22:21	19° 𐤆 58'07	
	-3482 Jan 24 j 19:40	0° 𐤆				-3480 Aug 06 j 15:34	0° 𐤆	
desc. node	-3482 Feb 11 j 04:54	20° 𐤆 38'28				-3480 Sep 02 j 17:18	0° 𐤆	
	-3482 Feb 19 j 01:12	0° 𐤆		evening max el		-3480 Sep 13 j 05:29	10° 𐤆 53'56	47°30'57
	-3482 Mar 16 j 01:49	0° 𐤆				-3480 Oct 03 j 23:24	0° 𐤆	
	-3482 Apr 09 j 22:22	0° 𐤆		greatest brilliancy		-3480 Oct 21 j 21:26	11° 𐤆 31'43	-4.7m
	-3482 May 04 j 14:44	0° 𐤆		retrograde		-3480 Nov 03 j 03:02	14° 𐤆 20'20	
morning set	-3482 May 21 j 13:44	20° 𐤆 44'47		evening set		-3480 Nov 17 j 13:07	10° 𐤆 06'28	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3480 Nov 18 j 20:21	9° \mathbb{M} 22'36		superior conj	-3477 Apr 18 j 15:09	29° \mathbb{H} 13'13	0°-40'-34
min. Earth dist.	-3480 Nov 22 j 22:59	6° \mathbb{M} 53'50	0.26665 AU	minimum elong	-3477 Apr 18 j 22:18	29° \mathbb{H} 35'09	0°40'17
inferior conj	-3480 Nov 23 j 17:29	6° \mathbb{M} 25'08	1°14'29		-3477 Apr 19 j 06:24	0° \mathbb{Y}	
minimum elong	-3480 Nov 23 j 14:46	6° \mathbb{M} 29'22	1°13'33	asc. node	-3477 May 06 j 16:19	21° \mathbb{Y} 23'15	
morning rise	-3480 Nov 29 j 17:16	2° \mathbb{M} 52'41			-3477 May 13 j 16:25	0° \mathbb{B}	
	-3480 Dec 06 j 07:17	30° \mathbb{R} \mathbb{A}		evening rise	-3477 May 24 j 10:16	13° \mathbb{B} 13'11	
direct	-3480 Dec 14 j 01:37	28° \mathbb{A} 45'01			-3477 Jun 07 j 01:07	0° \mathbb{H}	
	-3480 Dec 22 j 02:30	0° \mathbb{M}			-3477 Jul 01 j 08:56	0° \mathbb{S}	
greatest brilliancy	-3480 Dec 24 j 23:02	0° \mathbb{M} 59'21	-4.6m		-3477 Jul 25 j 17:08	0° \mathbb{Q}	
	-3479 Feb 01 j 08:06	0° \mathbb{J}			-3477 Aug 19 j 03:44	0° \mathbb{M}	
morning max el	-3479 Feb 01 j 16:46	0° \mathbb{J} 21'09	46°17'40	desc. node	-3477 Aug 26 j 10:27	8° \mathbb{M} 53'28	
	-3479 Mar 02 j 01:25	0° \mathbb{S}			-3477 Sep 12 j 19:26	0° \mathbb{A}	
desc. node	-3479 Mar 10 j 16:29	9° \mathbb{S} 31'59			-3477 Oct 07 j 20:44	0° \mathbb{M}	
	-3479 Mar 28 j 18:43	0° \mathbb{A}			-3477 Nov 02 j 18:36	0° \mathbb{J}	
	-3479 Apr 23 j 14:46	0° \mathbb{H}		evening max el	-3477 Nov 24 j 11:57	23° \mathbb{J} 26'59	47°01'34
	-3479 May 18 j 21:21	0° \mathbb{Y}			-3477 Dec 01 j 01:31	0° \mathbb{S}	
	-3479 Jun 12 j 17:13	0° \mathbb{B}		asc. node	-3477 Dec 17 j 08:10	14° \mathbb{S} 23'51	
asc. node	-3479 Jul 01 j 14:29	23° \mathbb{B} 08'51		greatest brilliancy	-3477 Dec 30 j 19:00	23° \mathbb{S} 08'34	-4.6m
	-3479 Jul 07 j 03:43	0° \mathbb{H}		retrograde	-3476 Jan 14 j 06:23	27° \mathbb{S} 00'05	
morning set	-3479 Jul 28 j 21:21	27° \mathbb{H} 01'27		evening set	-3476 Jan 31 j 19:33	20° \mathbb{S} 58'42	
	-3479 Jul 31 j 06:28	0° \mathbb{S}		min. Earth dist.	-3476 Feb 03 j 21:43	19° \mathbb{S} 01'47	0.28710 AU
	-3479 Aug 24 j 03:59	0° \mathbb{Q}		inferior conj	-3476 Feb 04 j 12:38	18° \mathbb{S} 37'53	8°15'57
max. Earth dist.	-3479 Sep 03 j 13:55	13° \mathbb{Q} 07'15	1.71093 AU	minimum elong	-3476 Feb 04 j 09:40	18° \mathbb{S} 42'39	8°15'42
				morning rise	-3476 Feb 08 j 00:01	16° \mathbb{S} 26'10	
superior conj	-3479 Sep 05 j 01:45	15° \mathbb{Q} 00'09	1°20'59	direct	-3476 Feb 25 j 17:41	10° \mathbb{S} 23'33	
minimum elong	-3479 Sep 05 j 07:18	15° \mathbb{Q} 17'40	1°20'59	greatest brilliancy	-3476 Mar 08 j 01:20	12° \mathbb{S} 41'32	-4.5m
	-3479 Sep 16 j 23:12	0° \mathbb{M}			-3476 Apr 03 j 06:14	0° \mathbb{A}	
	-3479 Oct 10 j 18:46	0° \mathbb{A}		desc. node	-3476 Apr 07 j 03:57	3° \mathbb{A} 24'50	
evening rise	-3479 Oct 16 j 01:48	6° \mathbb{A} 39'20		morning max el	-3476 Apr 14 j 11:37	10° \mathbb{A} 10'26	45°49'25
desc. node	-3479 Oct 21 j 08:52	13° \mathbb{A} 18'28			-3476 May 04 j 03:34	0° \mathbb{H}	
	-3479 Nov 03 j 16:21	0° \mathbb{M}			-3476 May 31 j 11:05	0° \mathbb{Y}	
	-3479 Nov 27 j 17:00	0° \mathbb{J}			-3476 Jun 26 j 08:05	0° \mathbb{B}	
	-3479 Dec 21 j 22:05	0° \mathbb{S}			-3476 Jul 21 j 08:13	0° \mathbb{H}	
	-3478 Jan 15 j 10:19	0° \mathbb{A}		asc. node	-3476 Jul 29 j 02:17	9° \mathbb{H} 27'51	
	-3478 Feb 09 j 10:44	0° \mathbb{H}			-3476 Aug 14 j 17:49	0° \mathbb{S}	
asc. node	-3478 Feb 11 j 05:42	2° \mathbb{H} 06'52			-3476 Sep 07 j 17:50	0° \mathbb{Q}	
	-3478 Mar 07 j 08:19	0° \mathbb{Y}			-3476 Oct 01 j 13:01	0° \mathbb{M}	
	-3478 Apr 03 j 22:55	0° \mathbb{B}		morning set	-3476 Oct 10 j 12:50	11° \mathbb{M} 21'14	
evening max el	-3478 Apr 17 j 16:03	13° \mathbb{B} 37'43	45°11'00		-3476 Oct 25 j 07:26	0° \mathbb{A}	
	-3478 May 06 j 16:06	0° \mathbb{H}		desc. node	-3476 Nov 17 j 21:08	29° \mathbb{A} 39'36	
greatest brilliancy	-3478 May 23 j 10:40	10° \mathbb{H} 05'05	-4.5m		-3476 Nov 18 j 03:38	0° \mathbb{M}	
desc. node	-3478 Jun 03 j 01:02	12° \mathbb{H} 45'51					
retrograde	-3478 Jun 04 j 23:59	12° \mathbb{H} 50'11		superior conj	-3476 Nov 21 j 09:14	4° \mathbb{M} 03'30	0°-8'-12
evening set	-3478 Jun 20 j 07:25	8° \mathbb{H} 26'19		minimum elong	-3476 Nov 21 j 06:57	3° \mathbb{M} 56'22	0°08'11
inferior conj	-3478 Jun 26 j 06:19	4° \mathbb{H} 56'47	-5°-8'-55	behind sun begin	-3476 Nov 20 j 07:12	2° \mathbb{M} 41'51	
minimum elong	-3478 Jun 25 j 20:41	5° \mathbb{H} 11'32	5°06'29	behind sun end	-3476 Nov 22 j 06:43	5° \mathbb{M} 10'53	
min. Earth dist.	-3478 Jun 26 j 14:38	4° \mathbb{H} 44'03	0.28188 AU	max. Earth dist.	-3476 Nov 25 j 22:45	9° \mathbb{M} 46'49	1.71334 AU
morning rise	-3478 Jul 01 j 09:22	1° \mathbb{H} 53'05			-3476 Dec 12 j 02:40	0° \mathbb{J}	
	-3478 Jul 04 j 23:43	30° \mathbb{R} \mathbb{B}		evening rise	-3475 Jan 02 j 03:54	26° \mathbb{J} 13'24	
direct	-3478 Jul 17 j 17:08	26° \mathbb{B} 51'27			-3475 Jan 05 j 04:53	0° \mathbb{S}	
	-3478 Jul 31 j 00:15	0° \mathbb{H}			-3475 Jan 29 j 10:53	0° \mathbb{A}	
greatest brilliancy	-3478 Aug 01 j 04:08	0° \mathbb{H} 32'15	-4.6m		-3475 Feb 22 j 22:04	0° \mathbb{H}	
morning max el	-3478 Sep 05 j 20:41	28° \mathbb{H} 55'54	46°38'38	asc. node	-3475 Mar 10 j 17:52	19° \mathbb{H} 12'52	
	-3478 Sep 06 j 22:06	0° \mathbb{S}			-3475 Mar 19 j 16:34	0° \mathbb{Y}	
asc. node	-3478 Sep 23 j 23:33	18° \mathbb{S} 09'29			-3475 Apr 13 j 21:16	0° \mathbb{B}	
	-3478 Oct 04 j 11:12	0° \mathbb{Q}			-3475 May 09 j 16:56	0° \mathbb{H}	
	-3478 Oct 29 j 21:34	0° \mathbb{M}			-3475 Jun 05 j 15:01	0° \mathbb{S}	
	-3478 Nov 23 j 13:25	0° \mathbb{A}		evening max el	-3475 Jun 29 j 02:04	24° \mathbb{S} 09'45	46°14'06
	-3478 Dec 17 j 23:31	0° \mathbb{M}		desc. node	-3475 Jun 30 j 12:41	25° \mathbb{S} 32'59	
	-3477 Jan 11 j 09:15	0° \mathbb{J}			-3475 Jul 05 j 06:25	0° \mathbb{Q}	
desc. node	-3477 Jan 13 j 19:11	2° \mathbb{J} 57'51		greatest brilliancy	-3475 Aug 07 j 11:51	23° \mathbb{Q} 12'01	-4.6m
	-3477 Feb 04 j 20:03	0° \mathbb{S}		retrograde	-3475 Aug 17 j 18:19	25° \mathbb{Q} 08'02	
	-3477 Mar 01 j 07:38	0° \mathbb{A}		evening set	-3475 Sep 04 j 09:53	19° \mathbb{Q} 18'04	
morning set	-3477 Mar 13 j 03:55	14° \mathbb{A} 30'46		inferior conj	-3475 Sep 07 j 11:48	17° \mathbb{Q} 27'50	-8°-32'-3
	-3477 Mar 25 j 19:18	0° \mathbb{H}		minimum elong	-3475 Sep 07 j 18:29	17° \mathbb{Q} 17'44	8°31'18
max. Earth dist.	-3477 Apr 17 j 06:49	27° \mathbb{H} 34'02	1.73726 AU	min. Earth dist.	-3475 Sep 07 j 23:50	17° \mathbb{Q} 09'40	0.26870 AU
				morning rise	-3475 Sep 11 j 02:54	15° \mathbb{Q} 18'06	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3475 Sep 28 j 01:22	9°045'56			-3472 Apr 02 j 22:14	0°Υ	
greatest brilliancy	-3475 Oct 11 j 05:38	12°059'36	-4.7m	asc. node	-3472 Apr 07 j 06:10	5°Υ17'45	
asc. node	-3475 Oct 21 j 10:57	19°000'33			-3472 Apr 27 j 12:20	0°Ϡ	
	-3475 Nov 04 j 00:03	0°η			-3472 May 22 j 05:47	0°Π	
morning max el	-3475 Nov 17 j 21:29	13°η26'39	46°51'21		-3472 Jun 16 j 04:00	0°Ϡ	
	-3475 Dec 03 j 10:26	0°♂			-3472 Jul 11 j 10:14	0°♂	
	-3475 Dec 29 j 20:20	0°♂		desc. node	-3472 Jul 28 j 00:21	19°♂20'32	
	-3474 Jan 24 j 09:05	0°♂			-3472 Aug 06 j 07:29	0°η	
desc. node	-3474 Feb 10 j 06:53	20°♂06'37			-3472 Sep 02 j 13:53	0°♂	
	-3474 Feb 18 j 13:38	0°Ϡ		evening max el	-3472 Sep 10 j 20:05	8°♂30'25	47°29'40
	-3474 Mar 15 j 13:36	0°≈			-3472 Oct 04 j 16:22	0°♂	
	-3474 Apr 09 j 09:44	0°Ϡ		greatest brilliancy	-3472 Oct 19 j 14:02	9°♂06'27	-4.7m
	-3474 May 04 j 01:50	0°Υ		retrograde	-3472 Oct 31 j 16:06	11°♂50'47	
morning set	-3474 May 19 j 08:29	18°Υ41'21		evening set	-3472 Nov 15 j 02:20	7°♂37'52	
	-3474 May 28 j 13:28	0°Ϡ		asc. node	-3472 Nov 17 j 22:35	5°♂59'36	
asc. node	-3474 Jun 03 j 04:30	6°Ϡ55'50		min. Earth dist.	-3472 Nov 20 j 13:12	4°♂23'41	0.26614 AU
max. Earth dist.	-3474 Jun 20 j 05:51	28°Ϡ00'38	1.72780 AU	inferior conj	-3472 Nov 21 j 06:22	3°♂57'03	0°50'58
	-3474 Jun 21 j 20:22	0°Π		minimum elong	-3472 Nov 21 j 04:29	3°♂59'58	0°50'18
				morning rise	-3472 Nov 27 j 07:27	0°♂22'48	
superior conj	-3474 Jun 24 j 09:50	3°Π10'40	0°47'10		-3472 Nov 28 j 00:45	30°♂	
minimum elong	-3474 Jun 24 j 01:51	2°Π45'53	0°46'58	direct	-3472 Dec 11 j 14:13	26°♂18'02	
	-3474 Jul 15 j 23:07	0°Ϡ		greatest brilliancy	-3472 Dec 22 j 12:31	28°♂33'08	-4.6m
evening rise	-3474 Jul 30 j 19:07	18°Ϡ31'39			-3472 Dec 25 j 19:34	0°♂	
	-3474 Aug 08 j 23:17	0°♂		morning max el	-3471 Jan 30 j 05:32	27°♂57'32	46°19'08
	-3474 Sep 01 j 22:58	0°η			-3471 Feb 01 j 07:13	0°♂	
desc. node	-3474 Sep 22 j 22:41	26°η11'17			-3471 Mar 01 j 17:45	0°Ϡ	
	-3474 Sep 26 j 00:09	0°♂		desc. node	-3471 Mar 09 j 18:40	8°Ϡ55'21	
	-3474 Oct 20 j 04:27	0°♂			-3471 Mar 28 j 08:30	0°≈	
	-3474 Nov 13 j 14:05	0°♂			-3471 Apr 23 j 03:17	0°Ϡ	
	-3474 Dec 08 j 09:52	0°Ϡ			-3471 May 18 j 09:09	0°Υ	
	-3473 Jan 03 j 03:04	0°≈			-3471 Jun 12 j 04:38	0°Ϡ	
asc. node	-3473 Jan 13 j 19:47	11°≈55'49		asc. node	-3471 Jun 30 j 16:28	22°Ϡ40'19	
	-3473 Jan 30 j 23:30	0°Ϡ			-3471 Jul 06 j 14:56	0°Π	
evening max el	-3473 Feb 03 j 11:39	3°Ϡ28'27	45°37'32	morning set	-3471 Jul 26 j 12:55	24°Π45'19	
greatest brilliancy	-3473 Mar 09 j 11:58	29°Ϡ58'03	-4.5m		-3471 Jul 30 j 17:38	0°Ϡ	
	-3473 Mar 09 j 13:35	0°Υ			-3471 Aug 23 j 15:11	0°♂	
retrograde	-3473 Mar 24 j 06:38	3°Υ46'05		max. Earth dist.	-3471 Aug 31 j 19:20	10°♂17'45	1.71134 AU
	-3473 Apr 07 j 03:26	30°Ϡ					
evening set	-3473 Apr 09 j 07:40	28°Ϡ48'39		superior conj	-3471 Sep 02 j 14:42	12°♂34'24	1°21'53
inferior conj	-3473 Apr 14 j 17:08	25°Ϡ31'22	4°31'58	minimum elong	-3471 Sep 02 j 19:25	12°♂49'14	1°21'56
minimum elong	-3473 Apr 15 j 01:24	25°Ϡ18'22	4°29'59		-3471 Sep 16 j 10:30	0°η	
min. Earth dist.	-3473 Apr 15 j 07:26	25°Ϡ08'53	0.29216 AU		-3471 Oct 10 j 06:09	0°♂	
morning rise	-3473 Apr 20 j 19:00	21°Ϡ50'29		evening rise	-3471 Oct 13 j 10:42	4°♂00'34	
desc. node	-3473 May 05 j 15:27	17°Ϡ07'26		desc. node	-3471 Oct 20 j 11:02	12°♂49'17	
direct	-3473 May 06 j 12:52	17°Ϡ06'30			-3471 Nov 03 j 03:51	0°♂	
greatest brilliancy	-3473 May 20 j 12:03	20°Ϡ30'37	-4.5m		-3471 Nov 27 j 04:39	0°♂	
	-3473 Jun 04 j 19:53	0°Υ			-3471 Dec 21 j 09:55	0°Ϡ	
morning max el	-3473 Jun 24 j 16:18	17°Υ18'00	46°00'05		-3470 Jan 14 j 22:29	0°≈	
	-3473 Jul 07 j 07:40	0°Ϡ			-3470 Feb 08 j 23:38	0°Ϡ	
	-3473 Aug 03 j 14:32	0°Π		asc. node	-3470 Feb 10 j 07:48	1°Ϡ34'48	
asc. node	-3473 Aug 26 j 14:05	27°Π00'04			-3470 Mar 06 j 22:52	0°Υ	
	-3473 Aug 29 j 02:00	0°Ϡ			-3470 Apr 03 j 17:45	0°Ϡ	
	-3473 Sep 22 j 15:15	0°♂		evening max el	-3470 Apr 15 j 06:06	11°Ϡ22'27	45°10'14
	-3473 Oct 16 j 17:21	0°η			-3470 May 07 j 08:06	0°Π	
	-3473 Nov 09 j 15:37	0°♂		greatest brilliancy	-3470 May 20 j 22:45	7°Π48'29	-4.5m
	-3473 Dec 03 j 14:26	0°♂		desc. node	-3470 Jun 02 j 03:08	10°Π36'15	
desc. node	-3473 Dec 16 j 09:12	15°♂57'47		retrograde	-3470 Jun 02 j 14:20	10°Π36'30	
morning set	-3473 Dec 27 j 22:58	0°♂22'39		evening set	-3470 Jun 17 j 20:06	6°Π14'45	
	-3473 Dec 27 j 15:41	0°♂		inferior conj	-3470 Jun 23 j 21:17	2°Π42'24	-4°-51'-22
	-3472 Jan 20 j 19:40	0°Ϡ		minimum elong	-3470 Jun 23 j 11:57	2°Π56'40	4°48'58
				min. Earth dist.	-3470 Jun 24 j 06:09	2°Π28'48	0.28233 AU
superior conj	-3472 Feb 06 j 08:16	20°Ϡ26'21	-1°-23'-12		-3470 Jun 28 j 09:21	30°Ϡ	
minimum elong	-3472 Feb 06 j 05:39	20°Ϡ18'16	1°23'20	morning rise	-3470 Jun 29 j 03:08	29°Ϡ34'38	
max. Earth dist.	-3472 Feb 09 j 04:50	23°Ϡ58'06	1.72951 AU	direct	-3470 Jul 15 j 08:02	24°Ϡ35'59	
	-3472 Feb 14 j 02:06	0°≈		greatest brilliancy	-3470 Jul 29 j 21:28	28°Ϡ18'49	-4.6m
	-3472 Mar 09 j 10:55	0°Ϡ			-3470 Aug 02 j 03:18	0°Π	
evening rise	-3472 Mar 15 j 07:09	7°Ϡ10'37		morning max el	-3470 Sep 03 j 10:36	26°Π33'51	46°37'29

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3470 Sep 06 j 19:49	0°☿					-3467 Mar 19 j 04:26	0°♊			
asc. node	-3470 Sep 23 j 01:44	17°☿26'42					-3467 Apr 13 j 09:55	0°♈			
	-3470 Oct 04 j 03:18	0°♏					-3467 May 09 j 07:05	0°♊			
	-3470 Oct 29 j 11:33	0°♍					-3467 Jun 05 j 08:26	0°☿			
	-3470 Nov 23 j 02:20	0°♐				evening max el	-3467 Jun 26 j 15:59	21°☿50'05	46°11'02		
	-3470 Dec 17 j 11:49	0°♌				desc. node	-3467 Jun 29 j 14:41	24°☿38'54			
	-3469 Jan 10 j 21:06	0°♌					-3467 Jul 05 j 10:08	0°♏			
desc. node	-3469 Jan 12 j 21:07	2°♌27'32				greatest brilliancy	-3467 Aug 04 j 21:53	20°♏43'46	-4.6m		
	-3469 Feb 04 j 07:33	0°♌				retrograde	-3467 Aug 15 j 06:48	22°♏41'19			
	-3469 Feb 28 j 18:51	0°♌				evening set	-3467 Sep 02 j 00:10	16°♏48'09			
morning set	-3469 Mar 10 j 20:53	12°♌21'40				inferior conj	-3467 Sep 05 j 00:07	15°♏00'38	-8°-38'-35		
	-3469 Mar 25 j 06:18	0°♌				minimum elong	-3467 Sep 05 j 06:00	14°♏51'45	8°38'00		
max. Earth dist.	-3469 Apr 15 j 03:55	25°♌38'06	1.73728 AU			min. Earth dist.	-3467 Sep 05 j 11:39	14°♏43'13	0.26920 AU		
						morning rise	-3467 Sep 08 j 11:42	12°♏56'05			
superior conj	-3469 Apr 16 j 10:00	27°♌10'23	0°-43'-12			direct	-3467 Sep 25 j 15:07	7°♏18'13			
minimum elong	-3469 Apr 16 j 17:30	27°♌33'22	0°42'55			greatest brilliancy	-3467 Oct 08 j 19:30	10°♏32'31	-4.7m		
	-3469 Apr 18 j 17:17	0°♊				asc. node	-3467 Oct 20 j 13:08	17°♏38'50			
asc. node	-3469 May 05 j 18:27	20°♊56'15					-3467 Nov 04 j 05:52	0°♍			
	-3469 May 13 j 03:21	0°♈				morning max el	-3467 Nov 15 j 11:44	11°♍01'40	46°51'41		
evening rise	-3469 May 22 j 05:57	11°♈12'17					-3467 Dec 03 j 04:53	0°♐			
	-3469 Jun 06 j 12:14	0°♊					-3467 Dec 29 j 11:20	0°♌			
	-3469 Jun 30 j 20:21	0°☿					-3466 Jan 23 j 22:25	0°♌			
	-3469 Jul 25 j 04:58	0°♏				desc. node	-3466 Feb 09 j 09:05	19°♌35'34			
	-3469 Aug 18 j 16:09	0°♍					-3466 Feb 18 j 01:57	0°♌			
desc. node	-3469 Aug 25 j 12:34	8°♍21'27					-3466 Mar 15 j 01:16	0°♌			
	-3469 Sep 12 j 08:39	0°♐					-3466 Apr 08 j 20:59	0°♌			
	-3469 Oct 07 j 11:16	0°♌					-3466 May 03 j 12:50	0°♊			
	-3469 Nov 02 j 11:46	0°♌				morning set	-3466 May 17 j 03:28	16°♊39'01			
evening max el	-3469 Nov 22 j 02:37	21°♌06'00	47°04'14				-3466 May 28 j 00:19	0°♈			
	-3469 Dec 01 j 02:43	0°♌				asc. node	-3466 Jun 02 j 06:32	6°♈28'42			
asc. node	-3469 Dec 16 j 10:10	13°♌12'41				max. Earth dist.	-3466 Jun 18 j 00:15	25°♈55'28	1.72829 AU		
greatest brilliancy	-3469 Dec 28 j 11:40	20°♌53'36	-4.6m				-3466 Jun 21 j 07:11	0°♊			
retrograde	-3468 Jan 11 j 23:00	24°♌45'43									
evening set	-3468 Jan 29 j 09:54	18°♌46'58				superior conj	-3466 Jun 22 j 04:08	1°♊04'59	0°44'32		
min. Earth dist.	-3468 Feb 01 j 12:40	16°♌49'26	0.28650 AU			minimum elong	-3466 Jun 21 j 20:27	0°♊41'09	0°44'20		
inferior conj	-3468 Feb 02 j 04:45	16°♌23'43	8°12'56				-3466 Jul 15 j 10:00	0°☿			
minimum elong	-3468 Feb 02 j 01:04	16°♌29'36	8°12'37			evening rise	-3466 Jul 28 j 11:25	16°☿18'12			
morning rise	-3468 Feb 05 j 16:31	14°♌11'40					-3466 Aug 08 j 10:20	0°♏			
direct	-3468 Feb 23 j 08:38	8°♌10'11					-3466 Sep 01 j 10:17	0°♍			
greatest brilliancy	-3468 Mar 05 j 15:51	10°♌27'59	-4.5m			desc. node	-3466 Sep 22 j 00:52	25°♍42'01			
	-3468 Apr 03 j 10:25	0°♌					-3466 Sep 25 j 11:46	0°♐			
desc. node	-3468 Apr 06 j 06:05	2°♌31'09					-3466 Oct 19 j 16:27	0°♌			
morning max el	-3468 Apr 12 j 03:35	7°♌59'58	45°50'00				-3466 Nov 13 j 02:35	0°♌			
	-3468 May 03 j 20:42	0°♌					-3466 Dec 07 j 23:17	0°♌			
	-3468 May 31 j 01:02	0°♊					-3465 Jan 02 j 18:25	0°♌			
	-3468 Jun 25 j 20:38	0°♈				asc. node	-3465 Jan 12 j 21:56	11°♌16'03			
	-3468 Jul 20 j 20:05	0°♊					-3465 Jan 30 j 20:23	0°♌			
asc. node	-3468 Jul 28 j 04:25	8°♊58'28				evening max el	-3465 Feb 01 j 03:33	1°♌16'43	45°39'54		
	-3468 Aug 14 j 05:20	0°☿				greatest brilliancy	-3465 Mar 07 j 05:29	27°♌51'40	-4.5m		
	-3468 Sep 07 j 05:12	0°♏					-3465 Mar 12 j 11:04	0°♊			
	-3468 Oct 01 j 00:19	0°♍				retrograde	-3465 Mar 21 j 23:13	1°♊38'45			
morning set	-3468 Oct 07 j 23:45	8°♍48'28					-3465 Mar 31 j 01:30	30°♌			
	-3468 Oct 24 j 18:42	0°♐				evening set	-3465 Apr 07 j 02:49	26°♌37'59			
desc. node	-3468 Nov 16 j 23:11	29°♐10'42				inferior conj	-3465 Apr 12 j 09:55	23°♌23'34	4°47'36		
	-3468 Nov 17 j 14:53	0°♌				minimum elong	-3465 Apr 12 j 18:25	23°♌10'08	4°45'38		
						min. Earth dist.	-3465 Apr 12 j 23:45	23°♌01'45	0.29231 AU		
superior conj	-3468 Nov 18 j 17:55	1°♌24'51	0°-4'-11			morning rise	-3465 Apr 18 j 09:56	19°♌44'48			
minimum elong	-3468 Nov 18 j 16:44	1°♌21'09	0°04'12			direct	-3465 May 04 j 05:53	14°♌58'40			
behind sun begin	-3468 Nov 17 j 14:20	29°♐58'15				desc. node	-3465 May 04 j 17:33	14°♌58'57			
behind sun end	-3468 Nov 19 j 19:09	2°♌44'01				greatest brilliancy	-3465 May 18 j 01:51	18°♌19'08	-4.5m		
max. Earth dist.	-3468 Nov 23 j 05:30	7°♌02'19	1.71291 AU				-3465 Jun 05 j 06:44	0°♊			
	-3468 Dec 11 j 13:54	0°♌				morning max el	-3465 Jun 22 j 07:54	15°♊06'39	45°59'07		
evening rise	-3468 Dec 30 j 15:15	23°♌44'45					-3465 Jul 07 j 01:48	0°♈			
	-3467 Jan 04 j 16:06	0°♌					-3465 Aug 03 j 04:53	0°♊			
	-3467 Jan 28 j 22:09	0°♌				asc. node	-3465 Aug 25 j 16:18	26°♊27'57			
	-3467 Feb 22 j 09:31	0°♌					-3465 Aug 28 j 14:48	0°☿			
asc. node	-3467 Mar 09 j 20:05	18°♌44'15					-3465 Sep 22 j 03:17	0°♏			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3465 Oct 16 j 05:01	0°♎			-3462 May 08 j 05:18	0°♊	
	-3465 Nov 09 j 03:03	0°♏		greatest brilliancy	-3462 May 18 j 09:50	5°♊31'24	-4.5m
	-3465 Dec 03 j 01:42	0°♌		retrograde	-3462 May 31 j 05:04	8°♊23'27	
desc. node	-3465 Dec 15 j 11:13	15°♌29'08		desc. node	-3462 Jun 01 j 05:08	8°♊22'17	
morning set	-3465 Dec 25 j 09:32	27°♌51'35		evening set	-3462 Jun 15 j 08:53	4°♊03'25	
	-3465 Dec 27 j 02:48	0°♊		inferior conj	-3462 Jun 21 j 12:06	0°♊28'28	-4°-33'-29
	-3464 Jan 20 j 06:39	0°♊		minimum elong	-3462 Jun 21 j 03:08	0°♊42'09	4°31'06
				min. Earth dist.	-3462 Jun 21 j 21:18	0°♊14'24	0.28276 AU
superior conj	-3464 Feb 03 j 22:17	18°♊07'38	-1°-22'-42		-3462 Jun 22 j 06:43	30°♊	
minimum elong	-3464 Feb 03 j 18:50	17°♊56'58	1°22'48	morning rise	-3462 Jun 26 j 20:43	27°♊16'57	
max. Earth dist.	-3464 Feb 07 j 00:03	21°♊55'31	1.72899 AU	direct	-3462 Jul 12 j 23:11	22°♊20'58	
	-3464 Feb 13 j 13:00	0°♊		greatest brilliancy	-3462 Jul 27 j 15:00	26°♊06'30	-4.6m
	-3464 Mar 08 j 21:46	0°♊			-3462 Aug 03 j 12:46	0°♊	
evening rise	-3464 Mar 12 j 23:48	5°♊01'04		morning max el	-3462 Sep 01 j 01:31	24°♊15'18	46°36'25
	-3464 Apr 02 j 09:10	0°♊			-3462 Sep 06 j 16:30	0°♊	
asc. node	-3464 Apr 06 j 08:16	4°♊50'37		asc. node	-3462 Sep 22 j 03:50	16°♊45'00	
	-3464 Apr 26 j 23:32	0°♊			-3462 Oct 03 j 18:49	0°♊	
	-3464 May 21 j 17:27	0°♊			-3462 Oct 29 j 01:05	0°♊	
	-3464 Jun 15 j 16:25	0°♊			-3462 Nov 22 j 14:50	0°♊	
	-3464 Jul 10 j 23:51	0°♊			-3462 Dec 16 j 23:41	0°♊	
desc. node	-3464 Jul 27 j 02:35	18°♊44'20			-3461 Jan 10 j 08:32	0°♊	
	-3464 Aug 05 j 23:16	0°♊		desc. node	-3461 Jan 11 j 23:20	1°♊59'20	
	-3464 Sep 02 j 10:38	0°♊			-3461 Feb 03 j 18:40	0°♊	
evening max el	-3464 Sep 08 j 09:35	6°♊05'29	47°28'22		-3461 Feb 28 j 05:43	0°♊	
	-3464 Oct 05 j 14:09	0°♊		morning set	-3461 Mar 08 j 13:34	10°♊12'35	
greatest brilliancy	-3464 Oct 17 j 06:43	6°♊42'39	-4.7m		-3461 Mar 24 j 17:01	0°♊	
retrograde	-3464 Oct 29 j 04:45	9°♊22'45		max. Earth dist.	-3461 Apr 13 j 01:23	23°♊43'57	1.73733 AU
evening set	-3464 Nov 12 j 15:47	5°♊10'13					
asc. node	-3464 Nov 17 j 00:34	2°♊36'34		superior conj	-3461 Apr 14 j 04:31	25°♊07'12	0°-45'-49
min. Earth dist.	-3464 Nov 18 j 03:43	1°♊54'37	0.26571 AU	minimum elong	-3461 Apr 14 j 12:19	25°♊31'07	0°45'32
inferior conj	-3464 Nov 18 j 19:20	1°♊30'24	0°27'23		-3461 Apr 18 j 03:57	0°♊	
minimum elong	-3464 Nov 18 j 18:19	1°♊31'59	0°26'59	asc. node	-3461 May 04 j 20:28	20°♊29'35	
	-3464 Nov 21 j 06:10	30°♊			-3461 May 12 j 14:04	0°♊	
morning rise	-3464 Nov 24 j 21:33	27°♊54'30		evening rise	-3461 May 20 j 01:19	9°♊11'07	
direct	-3464 Dec 09 j 02:27	23°♊52'08			-3461 Jun 05 j 23:08	0°♊	
greatest brilliancy	-3464 Dec 20 j 03:08	26°♊09'07	-4.6m		-3461 Jun 30 j 07:33	0°♊	
	-3464 Dec 27 j 19:59	0°♊			-3461 Jul 24 j 16:36	0°♊	
morning max el	-3463 Jan 27 j 17:58	25°♊33'26	46°20'25		-3461 Aug 18 j 04:22	0°♊	
	-3463 Feb 01 j 05:09	0°♊		desc. node	-3461 Aug 24 j 14:42	7°♊50'08	
	-3463 Mar 01 j 09:36	0°♊			-3461 Sep 11 j 21:44	0°♊	
desc. node	-3463 Mar 08 j 20:48	8°♊19'27			-3461 Oct 07 j 01:41	0°♊	
	-3463 Mar 27 j 21:58	0°♊			-3461 Nov 02 j 04:55	0°♊	
	-3463 Apr 22 j 15:30	0°♊		evening max el	-3461 Nov 19 j 18:21	18°♊48'50	47°07'01
	-3463 May 17 j 20:40	0°♊			-3461 Dec 01 j 04:43	0°♊	
	-3463 Jun 11 j 15:45	0°♊		asc. node	-3461 Dec 15 j 12:21	12°♊01'14	
asc. node	-3463 Jun 29 j 18:34	22°♊12'58		greatest brilliancy	-3461 Dec 26 j 04:21	18°♊40'02	-4.6m
	-3463 Jul 06 j 01:52	0°♊		retrograde	-3460 Jan 09 j 16:08	22°♊32'43	
morning set	-3463 Jul 24 j 04:34	22°♊30'19		evening set	-3460 Jan 27 j 00:10	16°♊36'53	
	-3463 Jul 30 j 04:31	0°♊		min. Earth dist.	-3460 Jan 30 j 03:23	14°♊38'55	0.28590 AU
	-3463 Aug 23 j 02:05	0°♊		inferior conj	-3460 Jan 30 j 20:58	14°♊10'50	8°09'14
max. Earth dist.	-3463 Aug 29 j 03:30	7°♊37'54	1.71171 AU	minimum elong	-3460 Jan 30 j 16:38	14°♊17'45	8°08'48
				morning rise	-3460 Feb 03 j 09:24	11°♊58'04	
superior conj	-3463 Aug 31 j 04:01	10°♊10'42	1°22'38	direct	-3460 Feb 21 j 00:14	5°♊58'15	
minimum elong	-3463 Aug 31 j 07:53	10°♊22'53	1°22'42	greatest brilliancy	-3460 Mar 03 j 05:34	8°♊14'53	-4.5m
	-3463 Sep 15 j 21:27	0°♊			-3460 Apr 03 j 12:31	0°♊	
	-3463 Oct 09 j 17:11	0°♊		desc. node	-3460 Apr 05 j 08:10	1°♊39'23	
evening rise	-3463 Oct 10 j 20:08	1°♊24'43		morning max el	-3460 Apr 09 j 20:08	5°♊51'51	45°50'19
desc. node	-3463 Oct 19 j 13:05	12°♊20'59			-3460 May 03 j 13:15	0°♊	
	-3463 Nov 02 j 14:58	0°♊			-3460 May 30 j 14:41	0°♊	
	-3463 Nov 26 j 15:54	0°♊			-3460 Jun 25 j 09:00	0°♊	
	-3463 Dec 20 j 21:24	0°♊			-3460 Jul 20 j 07:47	0°♊	
	-3462 Jan 14 j 10:23	0°♊		asc. node	-3460 Jul 27 j 06:39	8°♊29'56	
	-3462 Feb 08 j 12:21	0°♊			-3460 Aug 13 j 16:40	0°♊	
asc. node	-3462 Feb 09 j 09:59	1°♊03'38			-3460 Sep 06 j 16:22	0°♊	
	-3462 Mar 06 j 13:23	0°♊			-3460 Sep 30 j 11:26	0°♊	
	-3462 Apr 03 j 12:54	0°♊		morning set	-3460 Oct 05 j 10:42	6°♊16'28	
evening max el	-3462 Apr 12 j 20:27	9°♊08'31	45°09'42		-3460 Oct 24 j 05:48	0°♊	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3460 Nov 16 j 02:37	28° 4 46'43	0°00'-7	morning rise	-3457 Apr 16 j 01:03	17° 4 40'25	
minimum elong	-3460 Nov 16 j 02:33	28° 4 46'29	0°00'11	direct	-3457 May 01 j 22:36	12° 4 51'55	
behind sun begin	-3460 Nov 14 j 23:36	27° 4 21'49		desc. node	-3457 May 03 j 19:34	12° 4 55'55	
behind sun end	-3460 Nov 17 j 05:30	0° 1 11'07		greatest brilliancy	-3457 May 15 j 16:07	16° 4 08'58	-4.5m
desc. node	-3460 Nov 16 j 01:13	28° 4 42'18			-3457 Jun 05 j 14:31	0° 4	
	-3460 Nov 17 j 01:58	0° 1		morning max el	-3457 Jun 19 j 23:09	12° 4 54'37	45°58'02
max. Earth dist.	-3460 Nov 20 j 13:57	4° 1 23'36	1.71246 AU		-3457 Jul 06 j 19:31	0° 4	
	-3460 Dec 11 j 00:56	0° 4			-3457 Aug 02 j 19:11	0° 1	
evening rise	-3460 Dec 28 j 02:39	21° 4 16'50		asc. node	-3457 Aug 24 j 18:20	25° 1 54'57	
	-3459 Jan 04 j 03:05	0° 4			-3457 Aug 28 j 03:42	0° 4	
	-3459 Jan 28 j 09:10	0° 4			-3457 Sep 21 j 15:31	0° 1	
	-3459 Feb 21 j 20:44	0° 4			-3457 Oct 15 j 16:51	0° 4	
asc. node	-3459 Mar 08 j 22:09	18° 4 15'55			-3457 Nov 08 j 14:38	0° 4	
	-3459 Mar 18 j 16:07	0° 4			-3457 Dec 02 j 13:06	0° 1	
	-3459 Apr 12 j 22:27	0° 4		desc. node	-3457 Dec 14 j 13:25	15° 1 00'36	
	-3459 May 08 j 21:17	0° 1		morning set	-3457 Dec 22 j 19:56	25° 1 19'29	
	-3459 Jun 05 j 02:12	0° 4			-3457 Dec 26 j 14:03	0° 4	
evening max el	-3459 Jun 24 j 06:04	19° 4 30'57	46°07'53		-3456 Jan 19 j 17:46	0° 4	
desc. node	-3459 Jun 28 j 16:56	23° 4 44'19					
	-3459 Jul 05 j 15:41	0° 1		superior conj	-3456 Feb 01 j 12:20	15° 4 48'34	-1°-22'-2
greatest brilliancy	-3459 Aug 02 j 08:56	18° 1 16'49	-4.6m	minimum elong	-3456 Feb 01 j 08:03	15° 4 35'18	1°22'08
retrograde	-3459 Aug 12 j 18:58	20° 1 14'35		max. Earth dist.	-3456 Feb 04 j 17:33	19° 4 47'11	1.72844 AU
evening set	-3459 Aug 30 j 14:07	14° 1 19'06			-3456 Feb 13 j 00:02	0° 4	
inferior conj	-3459 Sep 02 j 12:25	12° 1 33'46	-8°-44'-12		-3456 Mar 08 j 08:46	0° 4	
minimum elong	-3459 Sep 02 j 17:27	12° 1 26'09	8°43'45	evening rise	-3456 Mar 10 j 16:37	2° 4 51'29	
min. Earth dist.	-3459 Sep 02 j 23:39	12° 1 16'47	0.26966 AU		-3456 Apr 01 j 20:15	0° 4	
morning rise	-3459 Sep 05 j 20:41	10° 1 33'52		asc. node	-3456 Apr 05 j 10:21	4° 4 23'02	
direct	-3459 Sep 23 j 04:34	4° 1 50'55			-3456 Apr 26 j 10:51	0° 4	
greatest brilliancy	-3459 Oct 06 j 08:42	8° 1 04'46	-4.7m		-3456 May 21 j 05:15	0° 1	
asc. node	-3459 Oct 19 j 15:13	16° 1 19'45			-3456 Jun 15 j 05:02	0° 4	
	-3459 Nov 04 j 09:42	0° 4			-3456 Jul 10 j 13:48	0° 1	
morning max el	-3459 Nov 13 j 01:04	8° 4 34'31	46°51'59	desc. node	-3456 Jul 26 j 04:39	18° 1 06'41	
	-3459 Dec 02 j 22:48	0° 4			-3456 Aug 05 j 15:35	0° 4	
	-3459 Dec 29 j 02:03	0° 1			-3456 Sep 02 j 08:33	0° 4	
	-3458 Jan 23 j 11:31	0° 4		evening max el	-3456 Sep 05 j 22:19	3° 4 37'32	47°26'49
desc. node	-3458 Feb 08 j 11:11	19° 4 04'40			-3456 Oct 06 j 21:01	0° 1	
	-3458 Feb 17 j 14:05	0° 4		greatest brilliancy	-3456 Oct 14 j 23:07	4° 1 16'45	-4.7m
	-3458 Mar 14 j 12:46	0° 4		retrograde	-3456 Oct 26 j 17:13	6° 1 53'07	
	-3458 Apr 08 j 08:05	0° 4		evening set	-3456 Nov 10 j 05:12	2° 1 40'18	
	-3458 May 02 j 23:42	0° 4			-3456 Nov 14 j 18:36	30° 4 0	
morning set	-3458 May 14 j 22:36	14° 4 37'31		inferior conj	-3456 Nov 16 j 08:06	29° 4 02'03	0°03'25
	-3458 May 27 j 11:06	0° 4		minimum elong	-3456 Nov 16 j 07:58	29° 4 02'15	0°03'19
asc. node	-3458 Jun 01 j 08:41	6° 4 02'04		transit middle	-3456 Nov 16 j 07:58	29° 4 02'15	0°03'19
max. Earth dist.	-3458 Jun 15 j 17:38	23° 4 47'17	1.72887 AU	transit begin	-3456 Nov 16 j 04:00	29° 4 08'23	
				transit end	-3456 Nov 16 j 11:57	28° 4 56'06	
superior conj	-3458 Jun 19 j 22:32	28° 4 59'41	0°41'52	min. Earth dist.	-3456 Nov 15 j 18:10	29° 4 23'37	0.26531 AU
minimum elong	-3458 Jun 19 j 15:10	28° 4 36'54	0°41'39	asc. node	-3456 Nov 16 j 02:46	29° 4 10'18	
	-3458 Jun 20 j 17:59	0° 1		morning rise	-3456 Nov 22 j 11:18	25° 4 24'54	
	-3458 Jul 14 j 20:56	0° 4		direct	-3456 Dec 06 j 14:09	21° 4 24'16	
evening rise	-3458 Jul 26 j 03:42	14° 4 04'40		greatest brilliancy	-3456 Dec 17 j 18:05	23° 4 44'05	-4.6m
	-3458 Aug 07 j 21:28	0° 1			-3456 Dec 29 j 05:12	0° 1	
	-3458 Aug 31 j 21:40	0° 4		morning max el	-3455 Jan 25 j 06:54	23° 1 09'27	46°21'54
desc. node	-3458 Sep 21 j 02:52	25° 4 12'04			-3455 Feb 01 j 02:38	0° 4	
	-3458 Sep 24 j 23:27	0° 4			-3455 Mar 01 j 01:29	0° 4	
	-3458 Oct 19 j 04:30	0° 1		desc. node	-3455 Mar 07 j 22:50	7° 4 42'50	
	-3458 Nov 12 j 15:11	0° 4			-3455 Mar 27 j 11:34	0° 4	
	-3458 Dec 07 j 12:49	0° 4			-3455 Apr 22 j 03:54	0° 4	
	-3457 Jan 02 j 09:59	0° 4			-3455 May 17 j 08:22	0° 4	
asc. node	-3457 Jan 12 j 00:10	10° 4 36'05			-3455 Jun 11 j 03:03	0° 4	
evening max el	-3457 Jan 29 j 18:54	29° 4 03'32	45°42'25	asc. node	-3455 Jun 28 j 20:49	21° 4 45'30	
	-3457 Jan 30 j 17:59	0° 4			-3455 Jul 05 j 12:59	0° 1	
greatest brilliancy	-3457 Mar 04 j 22:51	25° 4 45'32	-4.5m	morning set	-3455 Jul 21 j 20:48	20° 1 16'41	
retrograde	-3457 Mar 19 j 15:51	29° 4 32'31			-3455 Jul 29 j 15:36	0° 4	
evening set	-3457 Apr 04 j 22:18	24° 4 28'15			-3455 Aug 22 j 13:15	0° 1	
inferior conj	-3457 Apr 10 j 03:02	21° 4 16'55	5°02'42	max. Earth dist.	-3455 Aug 26 j 14:34	5° 1 06'23	1.71219 AU
minimum elong	-3457 Apr 10 j 11:44	21° 4 03'10	5°00'44				
min. Earth dist.	-3457 Apr 10 j 16:37	20° 4 55'27	0.29244 AU	superior conj	-3455 Aug 28 j 17:37	7° 1 47'09	1°23'13

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3455 Aug 28 j 20:38	7°Ω56'38	1°23'19	greatest brilliancy	-3452 Feb 29 j 18:04	5°☾58'11	-4.5m
	-3455 Sep 15 j 08:43	0°☿			-3452 Apr 03 j 13:56	0°≈	
evening rise	-3455 Oct 08 j 05:30	28°☿47'30		desc. node	-3452 Apr 04 j 10:18	0°≈47'13	
	-3455 Oct 09 j 04:34	0°♁		morning max el	-3452 Apr 07 j 12:18	3°≈41'22	45°50'48
desc. node	-3455 Oct 18 j 15:09	11°♁51'29			-3452 May 03 j 05:55	0°☿	
	-3455 Nov 02 j 02:30	0°♂			-3452 May 30 j 04:33	0°♀	
	-3455 Nov 26 j 03:35	0°♂			-3452 Jun 24 j 21:36	0°♂	
	-3455 Dec 20 j 09:18	0°☾			-3452 Jul 19 j 19:43	0°♂	
	-3454 Jan 13 j 22:41	0°≈		asc. node	-3452 Jul 26 j 08:38	7°♂59'49	
	-3454 Feb 08 j 01:30	0°☿			-3452 Aug 13 j 04:15	0°☾	
asc. node	-3454 Feb 08 j 12:03	0°☿30'58			-3452 Sep 06 j 03:45	0°♂	
	-3454 Mar 06 j 04:25	0°♀			-3452 Sep 29 j 22:45	0°☿	
	-3454 Apr 03 j 08:57	0°♂		morning set	-3452 Oct 02 j 22:19	3°☿45'57	
evening max el	-3454 Apr 10 j 11:59	6°♂56'49	45°09'23		-3452 Oct 23 j 17:07	0°♁	
	-3454 May 09 j 10:44	0°♂					
greatest brilliancy	-3454 May 15 j 21:15	3°♂14'45	-4.5m	superior conj	-3452 Nov 13 j 11:35	26°♁08'37	0°03'55
retrograde	-3454 May 28 j 20:34	6°♂10'45		minimum elong	-3452 Nov 13 j 12:39	26°♁11'57	0°03'48
desc. node	-3454 May 31 j 07:24	6°♂03'44		behind sun begin	-3452 Nov 12 j 10:06	24°♁48'32	
evening set	-3454 Jun 12 j 22:18	1°♂52'22		behind sun end	-3452 Nov 14 j 15:12	27°♁35'20	
	-3454 Jun 16 j 05:42	30°♂		desc. node	-3452 Nov 15 j 03:26	28°♁13'44	
inferior conj	-3454 Jun 19 j 03:16	28°♂14'55	-4°-15'-20		-3452 Nov 16 j 13:16	0°♂	
minimum elong	-3454 Jun 18 j 18:44	28°♂27'56	4°13'01	max. Earth dist.	-3452 Nov 18 j 00:09	1°♂49'26	1.71209 AU
min. Earth dist.	-3454 Jun 19 j 12:28	28°♂00'51	0.28315 AU		-3452 Dec 10 j 12:14	0°♂	
morning rise	-3454 Jun 24 j 14:33	24°♂59'52		evening rise	-3452 Dec 25 j 13:46	18°♂46'52	
direct	-3454 Jul 10 j 15:06	20°♂06'36			-3451 Jan 03 j 14:25	0°☾	
greatest brilliancy	-3454 Jul 25 j 07:49	23°♂53'38	-4.6m		-3451 Jan 27 j 20:35	0°≈	
	-3454 Aug 04 j 12:43	0°♂			-3451 Feb 21 j 08:22	0°☿	
morning max el	-3454 Aug 29 j 17:23	21°♂59'05	46°35'08	asc. node	-3451 Mar 08 j 00:14	17°☿46'27	
	-3454 Sep 06 j 12:41	0°☾			-3451 Mar 18 j 04:12	0°♀	
asc. node	-3454 Sep 21 j 05:58	16°☾03'16			-3451 Apr 12 j 11:25	0°♂	
	-3454 Oct 03 j 10:23	0°♂			-3451 May 08 j 11:57	0°♂	
	-3454 Oct 28 j 14:51	0°☿			-3451 Jun 04 j 20:40	0°☾	
	-3454 Nov 22 j 03:41	0°♁		evening max el	-3451 Jun 21 j 19:49	17°☾10'27	46°04'48
	-3454 Dec 16 j 11:58	0°♂		desc. node	-3451 Jun 27 j 19:01	22°☾47'35	
	-3453 Jan 09 j 20:24	0°♂			-3451 Jul 05 j 23:43	0°♂	
desc. node	-3453 Jan 11 j 01:27	1°♂29'23		greatest brilliancy	-3451 Jul 30 j 21:09	15°♂51'10	-4.6m
	-3453 Feb 03 j 06:11	0°☾		retrograde	-3451 Aug 10 j 06:50	17°♂48'16	
	-3453 Feb 27 j 16:57	0°≈		evening set	-3451 Aug 28 j 03:58	11°♂51'12	
morning set	-3453 Mar 06 j 05:57	8°≈01'20		inferior conj	-3451 Aug 31 j 01:01	10°♂07'34	-8°-48'-47
	-3453 Mar 24 j 04:04	0°☿		minimum elong	-3451 Aug 31 j 05:10	10°♂01'16	8°48'27
max. Earth dist.	-3453 Apr 11 j 00:30	21°☿53'47	1.73732 AU	min. Earth dist.	-3451 Aug 31 j 12:17	9°♂50'29	0.27008 AU
				morning rise	-3451 Sep 03 j 06:16	8°♂11'47	
superior conj	-3453 Apr 11 j 22:57	23°☿02'42	0°-48'-23	direct	-3451 Sep 20 j 17:46	2°♂24'12	
minimum elong	-3453 Apr 12 j 07:01	23°☿27'27	0°48'05	greatest brilliancy	-3451 Oct 03 j 22:28	5°♂37'56	-4.7m
	-3453 Apr 17 j 14:58	0°♀		asc. node	-3451 Oct 18 j 17:23	15°♂03'17	
asc. node	-3453 May 03 j 22:39	20°♀02'22			-3451 Nov 04 j 12:00	0°☿	
	-3453 May 12 j 01:08	0°♂		morning max el	-3451 Nov 10 j 13:38	6°☿05'11	46°52'17
evening rise	-3453 May 17 j 20:53	7°♂09'38			-3451 Dec 02 j 16:22	0°♁	
	-3453 Jun 05 j 10:22	0°♂			-3451 Dec 28 j 16:42	0°♂	
	-3453 Jun 29 j 19:03	0°☾			-3450 Jan 23 j 00:43	0°♂	
	-3453 Jul 24 j 04:30	0°♂		desc. node	-3450 Feb 07 j 13:12	18°♂32'56	
	-3453 Aug 17 j 16:52	0°☿			-3450 Feb 17 j 02:24	0°☾	
desc. node	-3453 Aug 23 j 16:45	7°☿17'47			-3450 Mar 14 j 00:31	0°≈	
	-3453 Sep 11 j 11:07	0°♁			-3450 Apr 07 j 19:27	0°☿	
	-3453 Oct 06 j 16:34	0°♂			-3450 May 02 j 10:49	0°♀	
	-3453 Nov 01 j 22:52	0°♂		morning set	-3450 May 12 j 17:27	12°♀34'25	
evening max el	-3453 Nov 17 j 10:55	16°♂32'12	47°09'23		-3450 May 26 j 22:05	0°♂	
	-3453 Dec 01 j 09:02	0°☾		asc. node	-3450 May 31 j 10:52	5°♂34'56	
asc. node	-3453 Dec 14 j 14:34	10°☾45'41		max. Earth dist.	-3450 Jun 13 j 11:43	21°♂40'48	1.72941 AU
greatest brilliancy	-3453 Dec 23 j 21:46	16°☾25'08	-4.6m				
retrograde	-3452 Jan 07 j 09:03	20°☾16'43		superior conj	-3450 Jun 17 j 16:49	26°♂53'40	0°39'07
evening set	-3452 Jan 24 j 13:53	14°☾24'29		minimum elong	-3450 Jun 17 j 09:49	26°♂32'01	0°38'55
min. Earth dist.	-3452 Jan 27 j 17:44	12°☾25'36	0.28525 AU		-3450 Jun 20 j 04:58	0°♂	
inferior conj	-3452 Jan 28 j 12:50	11°☾55'09	8°04'36		-3450 Jul 14 j 08:02	0°☾	
minimum elong	-3452 Jan 28 j 07:52	12°☾03'04	8°04'05	evening rise	-3450 Jul 23 j 20:12	11°☾51'29	
morning rise	-3452 Feb 01 j 02:13	9°☾41'10			-3450 Aug 07 j 08:46	0°♂	
direct	-3452 Feb 18 j 15:49	3°☾43'48			-3450 Aug 31 j 09:12	0°☿	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3450 Sep 20 j 04:59	24° \cap 42'08			-3447 Mar 27 j 00:49	0° \approx		
	-3450 Sep 24 j 11:16	0° $\underline{\Delta}$			-3447 Apr 21 j 16:03	0° H		
	-3450 Oct 18 j 16:39	0° \mathbb{M}			-3447 May 16 j 19:53	0° Υ		
	-3450 Nov 12 j 03:52	0° Z			-3447 Jun 10 j 14:12	0° B		
	-3450 Dec 07 j 02:30	0° Z		asc. node	-3447 Jun 27 j 22:50	21° B 17'39		
	-3449 Jan 02 j 01:52	0° \approx			-3447 Jul 04 j 23:59	0° II		
asc. node	-3449 Jan 11 j 02:11	9° \approx 54'49		morning set	-3447 Jul 19 j 12:52	18° II 03'01		
evening max el	-3449 Jan 27 j 09:23	26° \approx 47'44	45°44'46		-3447 Jul 29 j 02:34	0° S		
	-3449 Jan 30 j 16:37	0° H			-3447 Aug 22 j 00:14	0° Q		
greatest brilliancy	-3449 Mar 02 j 14:55	23° H 36'41	-4.5m	max. Earth dist.	-3447 Aug 24 j 01:51	2° Q 36'08	1.71261 AU	
retrograde	-3449 Mar 17 j 08:13	27° H 25'11						
evening set	-3449 Apr 02 j 17:35	22° H 17'01		superior conj	-3447 Aug 26 j 07:08	5° Q 23'54	1°23'40	
inferior conj	-3449 Apr 07 j 19:58	19° H 09'06	5°17'27	minimum elong	-3447 Aug 26 j 09:15	5° Q 30'35	1°23'45	
minimum elong	-3449 Apr 08 j 04:49	18° H 55'05	5°15'30		-3447 Sep 14 j 19:47	0° \cap		
min. Earth dist.	-3449 Apr 08 j 09:32	18° H 47'37	0.29260 AU	evening rise	-3447 Oct 05 j 14:55	26° \cap 11'06		
morning rise	-3449 Apr 13 j 15:52	15° H 35'08			-3447 Oct 08 j 15:45	0° $\underline{\Delta}$		
direct	-3449 Apr 29 j 14:47	10° H 43'46		desc. node	-3447 Oct 17 j 17:20	11° $\underline{\Delta}$ 23'06		
desc. node	-3449 May 02 j 21:48	10° H 56'00			-3447 Nov 01 j 13:49	0° \mathbb{M}		
greatest brilliancy	-3449 May 13 j 07:22	13° H 59'00	-4.5m		-3447 Nov 25 j 15:04	0° Z		
	-3449 Jun 05 j 20:23	0° Υ			-3447 Dec 19 j 20:59	0° Z		
morning max el	-3449 Jun 17 j 14:26	10° Υ 42'09	45°57'09		-3446 Jan 13 j 10:45	0° \approx		
	-3449 Jul 06 j 13:01	0° B		asc. node	-3446 Feb 07 j 14:12	29° \approx 59'15		
	-3449 Aug 02 j 09:25	0° II			-3446 Feb 07 j 14:27	0° H		
asc. node	-3449 Aug 23 j 20:29	25° II 22'21			-3446 Mar 05 j 19:19	0° Υ		
	-3449 Aug 27 j 16:32	0° S			-3446 Apr 03 j 05:18	0° B		
	-3449 Sep 21 j 03:41	0° Q		evening max el	-3446 Apr 08 j 04:05	4° B 47'26	45°09'00	
	-3449 Oct 15 j 04:39	0° \cap			-3446 May 11 j 05:01	0° II		
	-3449 Nov 08 j 02:11	0° $\underline{\Delta}$		greatest brilliancy	-3446 May 13 j 09:07	0° II 59'21	-4.5m	
	-3449 Dec 02 j 00:26	0° \mathbb{M}		retrograde	-3446 May 26 j 11:50	3° II 58'16		
desc. node	-3449 Dec 13 j 15:30	14° \mathbb{M} 31'56		desc. node	-3446 May 30 j 09:27	3° II 40'28		
morning set	-3449 Dec 20 j 06:30	22° \mathbb{M} 47'56			-3446 Jun 09 j 21:51	30° R B		
	-3449 Dec 26 j 01:13	0° Z		evening set	-3446 Jun 10 j 11:48	29° B 41'36		
	-3448 Jan 19 j 04:48	0° Z		inferior conj	-3446 Jun 16 j 18:17	26° B 01'39	-3°-56'-41	
				minimum elong	-3446 Jun 16 j 10:14	26° B 13'57	3°54'29	
superior conj	-3448 Jan 30 j 02:28	13° Z 29'59	-1°-21'-14	min. Earth dist.	-3446 Jun 17 j 03:26	25° B 47'39	0.28357 AU	
minimum elong	-3448 Jan 29 j 21:23	13° Z 14'15	1°21'20	morning rise	-3446 Jun 22 j 08:07	22° B 43'03		
max. Earth dist.	-3448 Feb 02 j 09:45	17° Z 35'03	1.72790 AU	direct	-3446 Jul 08 j 07:16	17° B 52'38		
	-3448 Feb 12 j 10:59	0° \approx		greatest brilliancy	-3446 Jul 22 j 23:39	21° B 39'47	-4.6m	
	-3448 Mar 07 j 19:43	0° H			-3446 Aug 05 j 06:18	0° II		
evening rise	-3448 Mar 08 j 09:22	0° H 41'53		morning max el	-3446 Aug 27 j 09:07	19° II 43'06	46°33'51	
	-3448 Apr 01 j 07:18	0° Υ			-3446 Sep 06 j 08:07	0° S		
asc. node	-3448 Apr 04 j 12:33	3° Υ 55'53		asc. node	-3446 Sep 20 j 08:11	15° S 22'43		
	-3448 Apr 25 j 22:11	0° B			-3446 Oct 03 j 01:31	0° Q		
	-3448 May 20 j 17:05	0° II			-3446 Oct 28 j 04:14	0° \cap		
	-3448 Jun 14 j 17:42	0° S			-3446 Nov 21 j 16:09	0° $\underline{\Delta}$		
	-3448 Jul 10 j 03:49	0° Q			-3446 Dec 15 j 23:53	0° \mathbb{M}		
desc. node	-3448 Jul 25 j 06:41	17° Q 28'50			-3445 Jan 09 j 07:54	0° Z		
	-3448 Aug 05 j 08:05	0° \cap		desc. node	-3445 Jan 10 j 03:26	1° Z 00'08		
	-3448 Sep 02 j 07:09	0° $\underline{\Delta}$			-3445 Feb 02 j 17:21	0° Z		
evening max el	-3448 Sep 03 j 10:57	1° $\underline{\Delta}$ 09'54	47°25'19		-3445 Feb 27 j 03:52	0° \approx		
	-3448 Oct 08 j 17:26	0° \mathbb{M}		morning set	-3445 Mar 03 j 22:22	5° \approx 51'08		
greatest brilliancy	-3448 Oct 12 j 14:36	1° \mathbb{M} 50'02	-4.7m		-3445 Mar 23 j 14:49	0° H		
retrograde	-3448 Oct 24 j 05:57	4° \mathbb{M} 23'54		max. Earth dist.	-3445 Apr 09 j 00:37	20° H 07'45	1.73727 AU	
evening set	-3448 Nov 07 j 18:43	0° \mathbb{M} 10'06						
	-3448 Nov 08 j 02:07	30° R $\underline{\Delta}$		superior conj	-3445 Apr 09 j 17:27	20° H 59'24	0°-50'-52	
inferior conj	-3448 Nov 13 j 20:46	26° $\underline{\Delta}$ 33'49	0°-20'-41	minimum elong	-3445 Apr 10 j 01:45	21° H 24'51	0°50'35	
minimum elong	-3448 Nov 13 j 21:33	26° $\underline{\Delta}$ 32'37	0°20'29		-3445 Apr 17 j 01:38	0° Υ		
min. Earth dist.	-3448 Nov 13 j 08:23	26° $\underline{\Delta}$ 52'56	0.26497 AU	asc. node	-3445 May 03 j 00:49	19° Υ 36'10		
asc. node	-3448 Nov 15 j 04:59	25° $\underline{\Delta}$ 44'13			-3445 May 11 j 11:52	0° B		
morning rise	-3448 Nov 20 j 00:48	22° $\underline{\Delta}$ 55'55		evening rise	-3445 May 15 j 16:30	5° B 09'18		
direct	-3448 Dec 04 j 02:04	18° $\underline{\Delta}$ 56'19			-3445 Jun 04 j 21:17	0° II		
greatest brilliancy	-3448 Dec 15 j 08:57	21° $\underline{\Delta}$ 19'17	-4.6m		-3445 Jun 29 j 06:17	0° S		
	-3448 Dec 30 j 04:51	0° \mathbb{M}			-3445 Jul 23 j 16:12	0° Q		
morning max el	-3447 Jan 22 j 20:47	20° \mathbb{M} 48'18	46°23'28		-3445 Aug 17 j 05:12	0° \cap		
	-3447 Jan 31 j 23:10	0° Z		desc. node	-3445 Aug 22 j 18:53	6° \cap 46'16		
	-3447 Feb 28 j 16:53	0° Z			-3445 Sep 11 j 00:23	0° $\underline{\Delta}$		
desc. node	-3447 Mar 07 j 01:01	7° Z 07'32			-3445 Oct 06 j 07:20	0° \mathbb{M}		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3445 Nov 01 j 16:51	0°♊				-3442 Apr 07 j 06:29	0°♋		
evening max el	-3445 Nov 15 j 03:29	14°♊16'30	47°11'47			-3442 May 01 j 21:38	0°♌		
	-3445 Dec 01 j 14:45	0°♍			morning set	-3442 May 10 j 12:25	10°♌32'36		
asc. node	-3445 Dec 13 j 16:34	9°♍28'32				-3442 May 26 j 08:46	0°♎		
greatest brilliancy	-3445 Dec 21 j 16:03	14°♍12'22	-4.6m		asc. node	-3442 May 30 j 12:53	5°♎08'13		
retrograde	-3444 Jan 05 j 01:46	18°♍01'27			max. Earth dist.	-3442 Jun 11 j 07:13	19°♎39'40	1.72993 AU	
evening set	-3444 Jan 22 j 03:27	12°♍13'25							
min. Earth dist.	-3444 Jan 25 j 08:17	10°♍12'58	0.28455 AU		superior conj	-3442 Jun 15 j 11:25	24°♎49'35	0°36'20	
inferior conj	-3444 Jan 26 j 04:41	9°♍40'24	7°59'15		minimum elong	-3442 Jun 15 j 04:49	24°♎29'09	0°36'09	
minimum elong	-3444 Jan 25 j 23:06	9°♍49'18	7°58'38			-3442 Jun 19 j 15:39	0°♏		
morning rise	-3444 Jan 29 j 19:11	7°♍24'44				-3442 Jul 13 j 18:49	0°♐		
direct	-3444 Feb 16 j 07:22	1°♍30'26			evening rise	-3442 Jul 21 j 13:11	9°♐40'53		
greatest brilliancy	-3444 Feb 27 j 06:06	3°♍41'50	-4.5m			-3442 Aug 06 j 19:46	0°♑		
desc. node	-3444 Apr 03 j 12:28	29°♍57'09				-3442 Aug 30 j 20:29	0°♒		
	-3444 Apr 03 j 13:40	0°♓			desc. node	-3442 Sep 19 j 07:09	24°♒13'02		
morning max el	-3444 Apr 05 j 03:55	1°♓30'37	45°51'18			-3442 Sep 23 j 22:52	0°♓		
	-3444 May 02 j 21:53	0°♈				-3442 Oct 18 j 04:40	0°♔		
	-3444 May 29 j 17:55	0°♉				-3442 Nov 11 j 16:30	0°♕		
	-3444 Jun 24 j 09:45	0°♊				-3442 Dec 06 j 16:11	0°♖		
	-3444 Jul 19 j 07:15	0°♋				-3441 Jan 01 j 17:52	0°♗		
asc. node	-3444 Jul 25 j 10:49	7°♋31'25			asc. node	-3441 Jan 10 j 04:21	9°♗13'55		
	-3444 Aug 12 j 15:30	0°♌			evening max el	-3441 Jan 24 j 23:41	24°♗31'48	45°47'29	
	-3444 Sep 05 j 14:52	0°♍				-3441 Jan 30 j 16:02	0°♈		
morning set	-3444 Sep 29 j 09:50	0°♎			greatest brilliancy	-3441 Feb 28 j 06:09	21°♈27'26	-4.5m	
	-3444 Sep 30 j 09:33	1°♎14'51			retrograde	-3441 Mar 15 j 00:59	25°♈18'48		
	-3444 Oct 23 j 04:12	0°♏			evening set	-3441 Mar 31 j 12:55	20°♈06'23		
					inferior conj	-3441 Apr 05 j 12:57	17°♈01'59	5°31'39	
superior conj	-3444 Nov 10 j 20:13	23°♏30'13	0°07'57		minimum elong	-3441 Apr 05 j 21:54	16°♈47'49	5°29'45	
minimum elong	-3444 Nov 10 j 22:23	23°♏37'01	0°07'47		min. Earth dist.	-3441 Apr 06 j 02:17	16°♈40'53	0.29273 AU	
behind sun begin	-3444 Nov 09 j 22:16	22°♏21'13			morning rise	-3441 Apr 11 j 06:41	13°♈31'00		
behind sun end	-3444 Nov 11 j 22:30	24°♏52'49			direct	-3441 Apr 27 j 07:01	8°♈36'15		
desc. node	-3444 Nov 14 j 05:28	27°♏45'27			desc. node	-3441 May 01 j 23:53	9°♈00'59		
max. Earth dist.	-3444 Nov 15 j 08:24	29°♏10'01	1.71164 AU		greatest brilliancy	-3441 May 10 j 23:23	11°♈50'51	-4.5m	
	-3444 Nov 16 j 00:20	0°♉				-3441 Jun 06 j 00:02	0°♉		
	-3444 Dec 09 j 23:15	0°♊			morning max el	-3441 Jun 15 j 06:39	8°♉32'44	45°56'24	
evening rise	-3444 Dec 23 j 00:29	16°♊16'32				-3441 Jul 06 j 05:53	0°♊		
	-3443 Jan 03 j 01:25	0°♋				-3441 Aug 01 j 23:15	0°♋		
	-3443 Jan 27 j 07:40	0°♌			asc. node	-3441 Aug 22 j 22:41	24°♋50'40		
	-3443 Feb 20 j 19:41	0°♍				-3441 Aug 27 j 05:05	0°♌		
asc. node	-3443 Mar 07 j 02:26	17°♍18'20				-3441 Sep 20 j 15:35	0°♍		
	-3443 Mar 17 j 15:58	0°♎				-3441 Oct 14 j 16:13	0°♎		
	-3443 Apr 12 j 00:05	0°♏				-3441 Nov 07 j 13:33	0°♏		
	-3443 May 08 j 02:23	0°♐				-3441 Dec 01 j 11:39	0°♐		
	-3443 Jun 04 j 15:09	0°♑			desc. node	-3441 Dec 12 j 17:31	14°♐03'20		
evening max el	-3443 Jun 19 j 08:36	14°♑48'54	46°01'42		morning set	-3441 Dec 17 j 16:38	20°♐15'05		
desc. node	-3443 Jun 26 j 21:03	21°♑50'37				-3441 Dec 25 j 12:19	0°♒		
	-3443 Jul 06 j 09:55	0°♒				-3440 Jan 18 j 15:48	0°♓		
greatest brilliancy	-3443 Jul 28 j 09:20	13°♒26'41	-4.6m						
retrograde	-3443 Aug 07 j 18:12	15°♒23'15			superior conj	-3440 Jan 27 j 16:01	11°♓09'36	-1°-20'-18	
evening set	-3443 Aug 25 j 17:16	9°♒25'07			minimum elong	-3440 Jan 27 j 10:09	10°♓51'25	1°20'21	
inferior conj	-3443 Aug 28 j 13:38	7°♒42'27	-8°-52'-10		max. Earth dist.	-3440 Jan 30 j 23:05	15°♓14'09	1.72734 AU	
minimum elong	-3443 Aug 28 j 16:51	7°♒37'33	8°51'56			-3440 Feb 11 j 21:53	0°♔		
min. Earth dist.	-3443 Aug 29 j 01:11	7°♒24'55	0.27059 AU		evening rise	-3440 Mar 06 j 01:40	28°♔31'12		
morning rise	-3443 Aug 31 j 16:19	5°♒50'13				-3440 Mar 07 j 06:35	0°♕		
	-3443 Sep 17 j 00:52	30°♒58'08				-3440 Mar 31 j 18:17	0°♖		
direct	-3443 Sep 18 j 06:37	29°♒58'08			asc. node	-3440 Apr 03 j 14:37	3°♖28'37		
	-3443 Sep 19 j 12:31	0°♓				-3440 Apr 25 j 09:27	0°♗		
greatest brilliancy	-3443 Oct 01 j 13:29	3°♓13'21	-4.7m			-3440 May 20 j 04:54	0°♘		
asc. node	-3443 Oct 17 j 19:35	13°♓49'35				-3440 Jun 14 j 06:21	0°♙		
	-3443 Nov 04 j 12:49	0°♔				-3440 Jul 09 j 17:51	0°♚		
morning max el	-3443 Nov 08 j 01:54	3°♔35'24	46°52'31		desc. node	-3440 Jul 24 j 08:55	16°♚51'35		
	-3443 Dec 02 j 09:28	0°♕				-3440 Aug 05 j 00:44	0°♛		
	-3443 Dec 28 j 07:01	0°♖			evening max el	-3440 Sep 01 j 00:34	28°♛45'30	47°23'47	
	-3442 Jan 22 j 13:35	0°♗				-3440 Sep 02 j 06:28	0°♜		
desc. node	-3442 Feb 06 j 15:25	18°♗02'43			greatest brilliancy	-3440 Oct 10 j 04:55	29°♜22'40	-4.7m	
	-3442 Feb 16 j 14:23	0°♘				-3440 Oct 11 j 19:03	0°♝		
	-3442 Mar 13 j 11:56	0°♙			retrograde	-3440 Oct 21 j 19:09	1°♝55'18		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3440 Oct 31 j 10:08	30° $\text{R}\underline{\text{A}}$		superior conj	-3437 Apr 07 j 11:46	18° $\text{H}54'52$	0°-53'-17
evening set	-3440 Nov 05 j 08:29	27° $\underline{\text{A}}40'08$		minimum elong	-3437 Apr 07 j 20:15	19° $\text{H}20'53$	0°53'01
inferior conj	-3440 Nov 11 j 09:27	24° $\underline{\text{A}}05'53$	0°-44'-39	max. Earth dist.	-3437 Apr 06 j 23:39	18° $\text{H}17'42$	1.73721 AU
minimum elong	-3440 Nov 11 j 11:07	24° $\underline{\text{A}}03'19$	0°44'11		-3437 Apr 16 j 12:32	0° Y	
min. Earth dist.	-3440 Nov 10 j 22:16	24° $\underline{\text{A}}23'05$	0.26469 AU	asc. node	-3437 May 02 j 02:49	19° $\text{Y}08'47$	
asc. node	-3440 Nov 14 j 06:58	22° $\underline{\text{A}}20'07$			-3437 May 10 j 22:50	0° B	
morning rise	-3440 Nov 17 j 14:10	20° $\underline{\text{A}}27'42$		evening rise	-3437 May 13 j 11:50	3° $\text{B}07'28$	
direct	-3440 Dec 01 j 14:39	16° $\underline{\text{A}}28'43$			-3437 Jun 04 j 08:25	0° II	
greatest brilliancy	-3440 Dec 12 j 23:20	18° $\underline{\text{A}}54'08$	-4.6m		-3437 Jun 28 j 17:44	0° S	
	-3440 Dec 30 j 22:18	0° M			-3437 Jul 23 j 04:08	0° O	
morning max el	-3439 Jan 20 j 11:36	18° $\text{M}29'12$	46°24'48		-3437 Aug 16 j 17:49	0° M	
	-3439 Jan 31 j 19:07	0° A		desc. node	-3437 Aug 21 j 21:00	6° $\text{M}13'54$	
	-3439 Feb 28 j 08:10	0° S			-3437 Sep 10 j 13:59	0° $\underline{\text{A}}$	
desc. node	-3439 Mar 06 j 03:08	6° $\text{S}31'59$			-3437 Oct 05 j 22:33	0° M	
	-3439 Mar 26 j 14:04	0° \approx			-3437 Nov 01 j 11:33	0° A	
	-3439 Apr 21 j 04:11	0° H		evening max el	-3437 Nov 12 j 19:35	11° $\text{A}58'40$	47°14'05
	-3439 May 16 j 07:23	0° Y			-3437 Dec 01 j 23:06	0° S	
	-3439 Jun 10 j 01:22	0° B		asc. node	-3437 Dec 12 j 18:46	8° $\text{S}08'38$	
asc. node	-3439 Jun 27 j 00:57	20° $\text{B}50'08$		greatest brilliancy	-3437 Dec 19 j 10:58	11° $\text{S}59'37$	-4.6m
	-3439 Jul 04 j 10:59	0° II		retrograde	-3436 Jan 02 j 18:01	15° $\text{S}45'22$	
morning set	-3439 Jul 17 j 05:08	15° $\text{II}50'04$		evening set	-3436 Jan 19 j 16:55	10° $\text{S}02'03$	
	-3439 Jul 28 j 13:33	0° S		min. Earth dist.	-3436 Jan 22 j 23:14	7° $\text{S}59'17$	0.28383 AU
	-3439 Aug 21 j 11:15	0° O		inferior conj	-3436 Jan 23 j 20:34	7° $\text{S}25'10$	7°53'15
max. Earth dist.	-3439 Aug 21 j 11:15	29° $\text{S}59'59$	1.71304 AU	minimum elong	-3436 Jan 23 j 14:24	7° $\text{S}35'02$	7°52'29
				morning rise	-3436 Jan 27 j 12:20	5° $\text{S}07'26$	
superior conj	-3439 Aug 23 j 21:04	3° $\text{O}01'54$	1°23'57		-3436 Feb 07 j 23:08	30° RA	
minimum elong	-3439 Aug 23 j 22:19	3° $\text{O}05'50$	1°24'03	direct	-3436 Feb 13 j 22:37	29° $\text{A}16'38$	
	-3439 Sep 14 j 06:53	0° M			-3436 Feb 20 j 02:37	0° S	
evening rise	-3439 Oct 03 j 00:46	23° $\text{M}36'00$		greatest brilliancy	-3436 Feb 24 j 18:44	1° $\text{S}25'27$	-4.5m
	-3439 Oct 08 j 02:57	0° $\underline{\text{A}}$		desc. node	-3436 Apr 02 j 14:32	29° $\text{S}07'08$	
desc. node	-3439 Oct 16 j 19:22	10° $\underline{\text{A}}54'11$		morning max el	-3436 Apr 02 j 18:38	29° $\text{S}16'55$	45°51'46
	-3439 Nov 01 j 01:09	0° M			-3436 Apr 03 j 12:39	0° \approx	
	-3439 Nov 25 j 02:33	0° A			-3436 May 02 j 13:53	0° H	
	-3439 Dec 19 j 08:43	0° S			-3436 May 29 j 07:29	0° Y	
	-3438 Jan 12 j 22:58	0° \approx			-3436 Jun 23 j 22:10	0° B	
asc. node	-3438 Feb 06 j 16:21	29° $\approx 27'04$			-3436 Jul 18 j 19:03	0° II	
	-3438 Feb 07 j 03:37	0° H		asc. node	-3436 Jul 24 j 13:00	7° $\text{II}02'12$	
	-3438 Mar 05 j 10:37	0° Y			-3436 Aug 12 j 02:58	0° S	
	-3438 Apr 03 j 02:35	0° B			-3436 Sep 05 j 02:13	0° O	
evening max el	-3438 Apr 05 j 20:38	2° $\text{B}38'37$	45°08'46	morning set	-3436 Sep 27 j 20:53	28° $\text{O}43'20$	
greatest brilliancy	-3438 May 10 j 22:27	28° $\text{B}45'37$	-4.5m		-3436 Sep 28 j 21:09	0° M	
	-3438 May 14 j 03:43	0° II			-3436 Oct 22 j 15:32	0° $\underline{\text{A}}$	
retrograde	-3438 May 24 j 02:54	1° $\text{II}45'52$					
desc. node	-3438 May 29 j 11:29	1° $\text{II}12'21$		superior conj	-3436 Nov 08 j 04:59	20° $\underline{\text{A}}51'22$	0°11'56
	-3438 Jun 02 j 15:14	30° RB		minimum elong	-3436 Nov 08 j 08:14	21° $\underline{\text{A}}01'34$	0°11'45
evening set	-3438 Jun 08 j 01:45	27° $\text{B}30'56$		behind sun begin	-3436 Nov 07 j 13:08	20° $\underline{\text{A}}01'30$	
inferior conj	-3438 Jun 14 j 09:30	23° $\text{B}48'42$	-3°-37'-57	behind sun end	-3436 Nov 09 j 03:21	22° $\underline{\text{A}}01'38$	
minimum elong	-3438 Jun 14 j 01:58	24° $\text{B}00'14$	3°35'50	max. Earth dist.	-3436 Nov 12 j 13:25	26° $\underline{\text{A}}19'29$	1.71124 AU
min. Earth dist.	-3438 Jun 14 j 18:42	23° $\text{B}34'36$	0.28395 AU	desc. node	-3436 Nov 13 j 07:30	27° $\underline{\text{A}}16'16$	
morning rise	-3438 Jun 20 j 01:42	20° $\text{B}26'33$			-3436 Nov 15 j 11:39	0° M	
direct	-3438 Jul 05 j 23:35	15° $\text{B}39'07$			-3436 Dec 09 j 10:34	0° A	
greatest brilliancy	-3438 Jul 20 j 14:34	19° $\text{B}24'48$	-4.6m	evening rise	-3436 Dec 20 j 11:05	13° $\text{A}44'50$	
	-3438 Aug 05 j 19:31	0° II			-3435 Jan 02 j 12:44	0° S	
morning max el	-3438 Aug 25 j 00:09	17° $\text{II}25'16$	46°32'25		-3435 Jan 26 j 19:03	0° \approx	
	-3438 Sep 06 j 03:08	0° S			-3435 Feb 20 j 07:17	0° H	
asc. node	-3438 Sep 19 j 10:14	14° $\text{S}41'47$		asc. node	-3435 Mar 06 j 04:30	16° $\text{H}48'58$	
	-3438 Oct 02 j 16:34	0° O			-3435 Mar 17 j 04:04	0° Y	
	-3438 Oct 27 j 17:39	0° M			-3435 Apr 11 j 13:08	0° B	
	-3438 Nov 21 j 04:42	0° $\underline{\text{A}}$			-3435 May 07 j 17:21	0° II	
	-3438 Dec 15 j 11:53	0° M			-3435 Jun 04 j 10:35	0° S	
	-3437 Jan 08 j 19:31	0° A		evening max el	-3435 Jun 16 j 20:49	12° $\text{S}25'01$	45°58'41
desc. node	-3437 Jan 09 j 05:39	0° $\text{A}31'14$		desc. node	-3435 Jun 25 j 23:18	20° $\text{S}51'43$	
	-3437 Feb 02 j 04:39	0° S			-3435 Jul 07 j 00:11	0° O	
	-3437 Feb 26 j 14:56	0° \approx		greatest brilliancy	-3435 Jul 25 j 21:08	11° $\text{O}00'55$	-4.6m
morning set	-3437 Mar 01 j 14:41	3° $\approx 40'06$		retrograde	-3435 Aug 05 j 05:50	12° $\text{O}57'49$	
	-3437 Mar 23 j 01:45	0° H		evening set	-3435 Aug 23 j 06:04	6° $\text{O}59'02$	
				inferior conj	-3435 Aug 26 j 02:19	5° $\text{O}16'43$	-8°-54'-30

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3435 Aug 26 j 04:35	5°Ω13'17	8°54'21			-3432 Feb 11 j 09:02	0°≈	
min. Earth dist.	-3435 Aug 26 j 14:07	4°Ω58'49	0.27109 AU	evening rise		-3432 Mar 03 j 17:54	26°≈19'25	
morning rise	-3435 Aug 29 j 02:56	3°Ω27'34				-3432 Mar 06 j 17:43	0°✕	
	-3435 Sep 04 j 17:18	30°℞☿				-3432 Mar 31 j 05:31	0°Υ	
direct	-3435 Sep 15 j 19:27	27°☿31'20		asc. node		-3432 Apr 02 j 16:42	3°Υ00'36	
	-3435 Sep 27 j 08:14	0°Ω				-3432 Apr 24 j 20:58	0°♄	
greatest brilliancy	-3435 Sep 29 j 05:28	0°Ω49'29	-4.7m			-3432 May 19 j 16:56	0°♂	
asc. node	-3435 Oct 16 j 21:38	12°Ω36'57				-3432 Jun 13 j 19:17	0°☿	
	-3435 Nov 04 j 12:48	0°♍				-3432 Jul 09 j 08:16	0°Ω	
morning max el	-3435 Nov 05 j 14:30	1°♍05'35	46°52'42	desc. node		-3432 Jul 23 j 10:58	16°Ω12'40	
	-3435 Dec 02 j 02:32	0°♄				-3432 Aug 04 j 17:59	0°♍	
	-3435 Dec 27 j 21:30	0°♌		evening max el		-3432 Aug 29 j 14:56	26°♍22'03	47°21'57
	-3434 Jan 22 j 02:42	0°♌				-3432 Sep 02 j 07:18	0°♄	
desc. node	-3434 Feb 05 j 17:29	17°♌31'05		greatest brilliancy		-3432 Oct 07 j 18:46	26°♄53'15	-4.7m
	-3434 Feb 16 j 02:39	0°♄		retrograde		-3432 Oct 19 j 08:22	29°♄24'39	
	-3434 Mar 12 j 23:38	0°≈		evening set		-3432 Nov 02 j 22:12	25°♄08'07	
	-3434 Apr 06 j 17:48	0°✕		inferior conj		-3432 Nov 08 j 21:48	21°♄35'59	-1°-8'-54
	-3434 May 01 j 08:43	0°Υ		minimum elong		-3432 Nov 09 j 00:22	21°♄32'02	1°08'08
morning set	-3434 May 08 j 07:27	8°Υ30'02		min. Earth dist.		-3432 Nov 08 j 11:38	21°♄51'35	0.26442 AU
	-3434 May 25 j 19:46	0°♄		asc. node		-3432 Nov 13 j 09:11	18°♄55'22	
asc. node	-3434 May 29 j 15:03	4°♄41'01		morning rise		-3432 Nov 15 j 02:59	17°♄57'50	
max. Earth dist.	-3434 Jun 09 j 04:30	17°♄43'03	1.73048 AU	direct		-3432 Nov 29 j 03:21	13°♄59'27	
				greatest brilliancy		-3432 Dec 10 j 12:34	16°♄26'11	-4.6m
superior conj	-3434 Jun 13 j 06:00	22°♄44'30	0°33'31			-3432 Dec 31 j 11:48	0°♌	
minimum elong	-3434 Jun 12 j 23:49	22°♄25'24	0°33'20	morning max el		-3431 Jan 18 j 02:11	16°♌08'45	46°26'08
	-3434 Jun 19 j 02:41	0°♂				-3431 Jan 31 j 14:43	0°♌	
	-3434 Jul 13 j 05:59	0°☿				-3431 Feb 27 j 23:24	0°♄	
evening rise	-3434 Jul 19 j 06:12	7°☿29'22		desc. node		-3431 Mar 05 j 05:10	5°☿56'02	
	-3434 Aug 06 j 07:08	0°Ω				-3431 Mar 26 j 03:22	0°≈	
	-3434 Aug 30 j 08:06	0°♍				-3431 Apr 20 j 16:26	0°✕	
desc. node	-3434 Sep 18 j 09:09	23°♍42'24				-3431 May 15 j 19:00	0°Υ	
	-3434 Sep 23 j 10:48	0°♄				-3431 Jun 09 j 12:37	0°♄	
	-3434 Oct 17 j 17:01	0°♌		asc. node		-3431 Jun 26 j 03:10	20°♄22'42	
	-3434 Nov 11 j 05:29	0°♌				-3431 Jul 03 j 22:05	0°♂	
	-3434 Dec 06 j 06:18	0°♄		morning set		-3431 Jul 14 j 21:45	13°♂38'04	
	-3433 Jan 01 j 10:29	0°≈				-3431 Jul 28 j 00:36	0°☿	
asc. node	-3433 Jan 09 j 06:33	8°≈31'35		max. Earth dist.		-3431 Aug 18 j 19:33	27°☿20'15	1.71353 AU
evening max el	-3433 Jan 22 j 14:35	22°≈16'21	45°50'17			-3431 Aug 20 j 22:21	0°Ω	
	-3433 Jan 30 j 17:00	0°✕						
greatest brilliancy	-3433 Feb 25 j 21:16	19°✕17'06	-4.5m	superior conj		-3431 Aug 21 j 11:18	0°Ω40'43	1°24'04
retrograde	-3433 Mar 12 j 18:20	23°✕11'34		minimum elong		-3431 Aug 21 j 11:43	0°Ω42'00	1°24'12
evening set	-3433 Mar 29 j 08:18	17°✕54'48				-3431 Sep 13 j 18:06	0°♍	
inferior conj	-3433 Apr 03 j 05:56	14°✕53'57	5°45'23	evening rise		-3431 Sep 30 j 10:33	21°♍00'10	
minimum elong	-3433 Apr 03 j 14:56	14°✕39'42	5°43'33			-3431 Oct 07 j 14:19	0°♄	
min. Earth dist.	-3433 Apr 03 j 18:41	14°✕33'47	0.29283 AU	desc. node		-3431 Oct 15 j 21:27	10°♄24'57	
morning rise	-3433 Apr 08 j 21:24	11°✕26'20				-3431 Oct 31 j 12:39	0°♌	
direct	-3433 Apr 24 j 23:33	6°✕27'56				-3431 Nov 24 j 14:13	0°♌	
desc. node	-3433 May 01 j 01:55	7°✕09'16				-3431 Dec 18 j 20:36	0°♄	
greatest brilliancy	-3433 May 08 j 15:17	9°✕42'03	-4.5m			-3430 Jan 12 j 11:19	0°≈	
	-3433 Jun 06 j 02:24	0°Υ		asc. node		-3430 Feb 05 j 18:24	28°≈54'02	
morning max el	-3433 Jun 12 j 23:32	6°Υ24'22	45°55'34			-3430 Feb 06 j 16:58	0°✕	
	-3433 Jul 05 j 22:42	0°♄				-3430 Mar 05 j 02:14	0°Υ	
	-3433 Aug 01 j 13:17	0°♂				-3430 Apr 03 j 00:47	0°♄	
asc. node	-3433 Aug 22 j 00:43	24°♂17'39		evening max el		-3430 Apr 03 j 12:37	0°♄28'10	45°08'34
	-3433 Aug 26 j 17:54	0°☿		greatest brilliancy		-3430 May 08 j 12:54	26°♄33'03	-4.5m
	-3433 Sep 20 j 03:48	0°Ω		retrograde		-3430 May 21 j 17:35	29°♄33'35	
	-3433 Oct 14 j 04:05	0°♍		desc. node		-3430 May 28 j 13:45	28°♄39'05	
	-3433 Nov 07 j 01:11	0°♄		evening set		-3430 Jun 05 j 15:56	25°♄20'12	
	-3433 Nov 30 j 23:07	0°♌		inferior conj		-3430 Jun 12 j 00:46	21°♄36'03	-3°-18'-57
desc. node	-3433 Dec 11 j 19:43	13°♌34'38		minimum elong		-3430 Jun 11 j 17:49	21°♄46'44	3°16'58
morning set	-3433 Dec 15 j 02:36	17°♌40'53		min. Earth dist.		-3430 Jun 12 j 10:20	21°♄21'21	0.28430 AU
	-3433 Dec 24 j 23:39	0°♌		morning rise		-3430 Jun 17 j 19:10	18°♄10'21	
	-3432 Jan 18 j 03:02	0°♄		direct		-3430 Jul 03 j 15:30	13°♄25'57	
				greatest brilliancy		-3430 Jul 18 j 05:05	17°♄09'31	-4.6m
superior conj	-3432 Jan 25 j 05:17	8°♄47'29	-1°-19'-12			-3430 Aug 06 j 05:16	0°♂	
minimum elong	-3432 Jan 24 j 22:38	8°♄26'53	1°19'13	morning max el		-3430 Aug 22 j 14:07	15°♂05'10	46°31'05
max. Earth dist.	-3432 Jan 28 j 12:45	12°♄53'23	1.72682 AU			-3430 Sep 05 j 21:33	0°☿	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3430 Sep 18 j 12:23	14°☿01'45		asc. node	-3427 Mar 05 j 06:35	16°♄20'09	
	-3430 Oct 02 j 07:23	0°♌			-3427 Mar 16 j 15:58	0°♄	
	-3430 Oct 27 j 06:57	0°♍			-3427 Apr 11 j 02:03	0°♄	
	-3430 Nov 20 j 17:13	0°♎			-3427 May 07 j 08:16	0°♌	
	-3430 Dec 14 j 23:54	0°♏			-3427 Jun 04 j 06:18	0°♍	
desc. node	-3429 Jan 08 j 07:45	0°♐01'54		evening max el	-3427 Jun 14 j 09:05	10°♍02'15	45°55'47
	-3429 Jan 08 j 07:08	0°♐		desc. node	-3427 Jun 25 j 01:21	19°♍51'42	
	-3429 Feb 01 j 15:56	0°♑			-3427 Jul 07 j 18:42	0°♌	
	-3429 Feb 26 j 01:59	0°♒		greatest brilliancy	-3427 Jul 23 j 07:51	8°♌34'58	-4.6m
morning set	-3429 Feb 27 j 06:33	1°♒27'40		retrograde	-3427 Aug 02 j 18:01	10°♌33'29	
	-3429 Mar 22 j 12:38	0°♋		evening set	-3427 Aug 20 j 18:22	4°♌34'26	
				inferior conj	-3427 Aug 23 j 14:57	2°♌51'50	-8°-55'-55
superior conj	-3429 Apr 05 j 05:52	16°♋49'51	0°-55'-40	minimum elong	-3427 Aug 23 j 16:16	2°♌49'51	8°55'48
minimum elong	-3429 Apr 05 j 14:29	17°♋16'15	0°55'24	min. Earth dist.	-3427 Aug 24 j 02:45	2°♌33'58	0.27159 AU
max. Earth dist.	-3429 Apr 04 j 21:35	16°♋24'24	1.73712 AU	morning rise	-3427 Aug 26 j 14:00	1°♌05'11	
	-3429 Apr 15 j 23:23	0°♌			-3427 Aug 28 j 11:10	30°♌☿	
asc. node	-3429 May 01 j 05:00	18°♌42'08		direct	-3427 Sep 13 j 08:30	25°♍05'21	
	-3429 May 10 j 09:45	0°♍		greatest brilliancy	-3427 Sep 26 j 21:43	28°♍27'05	-4.7m
evening rise	-3429 May 11 j 07:07	1°♍05'36			-3427 Sep 29 j 22:48	0°♌	
	-3429 Jun 03 j 19:32	0°♌		asc. node	-3427 Oct 15 j 23:48	11°♌27'31	
	-3429 Jun 28 j 05:09	0°♍		morning max el	-3427 Nov 03 j 04:00	28°♌39'14	46°53'06
	-3429 Jul 22 j 16:00	0°♌			-3427 Nov 04 j 11:23	0°♍	
	-3429 Aug 16 j 06:20	0°♍			-3427 Dec 01 j 18:51	0°♎	
desc. node	-3429 Aug 20 j 23:02	5°♍41'43			-3427 Dec 27 j 11:25	0°♏	
	-3429 Sep 10 j 03:29	0°♎			-3426 Jan 21 j 15:21	0°♐	
	-3429 Oct 05 j 13:45	0°♏		desc. node	-3426 Feb 04 j 19:30	17°♐00'36	
	-3429 Nov 01 j 06:33	0°♐			-3426 Feb 15 j 14:32	0°♑	
evening max el	-3429 Nov 10 j 10:39	9°♐38'20	47°16'05		-3426 Mar 12 j 10:59	0°♒	
	-3429 Dec 02 j 10:20	0°♑			-3426 Apr 06 j 04:48	0°♋	
asc. node	-3429 Dec 11 j 20:57	6°♑45'57			-3426 Apr 30 j 19:29	0°♌	
greatest brilliancy	-3429 Dec 17 j 05:45	9°♑46'12	-4.6m	morning set	-3426 May 06 j 02:20	6°♌28'01	
retrograde	-3429 Dec 31 j 09:36	13°♑28'43			-3426 May 25 j 06:26	0°♍	
evening set	-3428 Jan 17 j 06:02	7°♑50'18		asc. node	-3426 May 28 j 17:12	4°♍14'46	
min. Earth dist.	-3428 Jan 20 j 14:23	5°♑44'31	0.28311 AU	max. Earth dist.	-3426 Jun 07 j 03:01	15°♍51'16	1.73099 AU
inferior conj	-3428 Jan 21 j 12:18	5°♑09'28	7°46'20				
minimum elong	-3428 Jan 21 j 05:35	5°♑20'12	7°45'26	superior conj	-3426 Jun 11 j 00:28	20°♍40'05	0°30'39
morning rise	-3428 Jan 25 j 05:36	2°♑49'17		minimum elong	-3426 Jun 10 j 18:44	20°♍22'23	0°30'29
	-3428 Jan 30 j 09:18	30°♌♐			-3426 Jun 18 j 13:23	0°♌	
direct	-3428 Feb 11 j 13:17	27°♐02'13			-3426 Jul 12 j 16:50	0°♍	
greatest brilliancy	-3428 Feb 22 j 08:29	29°♐09'51	-4.5m	evening rise	-3426 Jul 16 j 23:20	5°♍19'16	
	-3428 Feb 24 j 10:02	0°♑			-3426 Aug 05 j 18:12	0°♌	
morning max el	-3428 Mar 31 j 08:36	27°♑01'28	45°52'21		-3426 Aug 29 j 19:27	0°♍	
desc. node	-3428 Apr 01 j 16:41	28°♑18'21		desc. node	-3426 Sep 17 j 11:17	23°♍13'03	
	-3428 Apr 03 j 10:39	0°♒			-3426 Sep 22 j 22:28	0°♎	
	-3428 May 02 j 05:29	0°♋			-3426 Oct 17 j 05:04	0°♏	
	-3428 May 28 j 20:47	0°♌			-3426 Nov 10 j 18:08	0°♐	
	-3428 Jun 23 j 10:21	0°♍			-3426 Dec 05 j 20:05	0°♑	
	-3428 Jul 18 j 06:39	0°♌			-3425 Jan 01 j 02:53	0°♒	
asc. node	-3428 Jul 23 j 14:59	6°♌32'55		asc. node	-3425 Jan 08 j 08:33	7°♒49'39	
	-3428 Aug 11 j 14:15	0°♍		evening max el	-3425 Jan 20 j 06:22	20°♒04'30	45°53'04
	-3428 Sep 04 j 13:21	0°♌			-3425 Jan 30 j 18:39	0°♋	
morning set	-3428 Sep 25 j 08:44	26°♌14'13		greatest brilliancy	-3425 Feb 23 j 13:01	17°♋09'00	-4.5m
	-3428 Sep 28 j 08:14	0°♍		retrograde	-3425 Mar 10 j 12:01	21°♋05'38	
	-3428 Oct 22 j 02:35	0°♎		evening set	-3425 Mar 27 j 03:50	15°♋44'37	
				inferior conj	-3425 Mar 31 j 23:01	12°♋47'09	5°58'41
superior conj	-3428 Nov 05 j 14:11	18°♎14'40	0°15'53	minimum elong	-3425 Apr 01 j 08:02	12°♋32'54	5°56'53
minimum elong	-3428 Nov 05 j 18:28	18°♎28'10	0°15'39	min. Earth dist.	-3425 Apr 01 j 10:48	12°♋28'31	0.29295 AU
behind sun begin	-3428 Nov 05 j 10:22	18°♎02'42		morning rise	-3425 Apr 06 j 12:08	9°♋23'05	
behind sun end	-3428 Nov 06 j 02:34	18°♎53'38		direct	-3425 Apr 22 j 16:44	4°♋21'01	
max. Earth dist.	-3428 Nov 09 j 16:58	23°♎25'11	1.71088 AU	desc. node	-3425 Apr 30 j 04:09	5°♋22'47	
desc. node	-3428 Nov 12 j 09:43	26°♎48'35		greatest brilliancy	-3425 May 06 j 06:53	7°♋34'05	-4.5m
	-3428 Nov 14 j 22:42	0°♏			-3425 Jun 06 j 02:59	0°♌	
	-3428 Dec 08 j 21:36	0°♐		morning max el	-3425 Jun 10 j 16:55	4°♌18'22	45°54'42
evening rise	-3428 Dec 17 j 21:43	11°♐14'00			-3425 Jul 05 j 14:51	0°♍	
	-3427 Jan 01 j 23:48	0°♑			-3425 Aug 01 j 02:49	0°♌	
	-3427 Jan 26 j 06:13	0°♒		asc. node	-3425 Aug 21 j 02:52	23°♌46'14	
	-3427 Feb 19 j 18:42	0°♋			-3425 Aug 26 j 06:18	0°♍	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3425 Sep 19 j 15:38	0°♈		retrograde	-3422 May 19 j 08:16	27°♈23'03	
	-3425 Oct 13 j 15:35	0°♍		desc. node	-3422 May 27 j 15:46	26°♈02'45	
	-3425 Nov 06 j 12:28	0°♊		evening set	-3422 Jun 03 j 06:33	23°♈10'36	
	-3425 Nov 30 j 10:15	0°♋		inferior conj	-3422 Jun 09 j 16:21	19°♈25'01	-2°-59'-46
desc. node	-3425 Dec 10 j 21:45	13°♋06'26		minimum elong	-3422 Jun 09 j 10:00	19°♈34'48	2°57'56
morning set	-3425 Dec 12 j 12:47	15°♋08'21		min. Earth dist.	-3422 Jun 10 j 02:35	19°♈09'16	0.28469 AU
	-3425 Dec 24 j 10:38	0°♌		morning rise	-3422 Jun 15 j 12:49	15°♈55'55	
	-3424 Jan 17 j 13:52	0°♍		direct	-3422 Jul 01 j 07:14	11°♈14'07	
				greatest brilliancy	-3422 Jul 15 j 20:46	14°♈56'39	-4.5m
superior conj	-3424 Jan 22 j 18:40	6°♍26'50	-1°-17'-57		-3422 Aug 06 j 12:10	0°♎	
minimum elong	-3424 Jan 22 j 11:17	6°♍03'57	1°17'58	morning max el	-3422 Aug 20 j 03:49	12°♎44'47	46°29'42
max. Earth dist.	-3424 Jan 26 j 05:11	10°♍42'20	1.72626 AU		-3422 Sep 05 j 15:26	0°♏	
	-3424 Feb 10 j 19:46	0°♐		asc. node	-3422 Sep 17 j 14:34	13°♏22'28	
evening rise	-3424 Mar 01 j 10:21	24°♐09'33			-3422 Oct 01 j 21:56	0°♑	
	-3424 Mar 06 j 04:27	0°♒			-3422 Oct 26 j 20:04	0°♓	
	-3424 Mar 30 j 16:23	0°♑			-3422 Nov 20 j 05:34	0°♊	
asc. node	-3424 Apr 01 j 18:54	2°♑34'07			-3422 Dec 14 j 11:46	0°♋	
	-3424 Apr 24 j 08:10	0°♒		desc. node	-3421 Jan 07 j 09:44	29°♋32'35	
	-3424 May 19 j 04:42	0°♎			-3421 Jan 07 j 18:37	0°♌	
	-3424 Jun 13 j 07:58	0°♏			-3421 Feb 01 j 03:08	0°♍	
	-3424 Jul 08 j 22:29	0°♐		morning set	-3421 Feb 24 j 22:22	29°♍15'17	
desc. node	-3424 Jul 22 j 13:01	15°♐34'26			-3421 Feb 25 j 12:56	0°♑	
	-3424 Aug 04 j 11:14	0°♓			-3421 Mar 21 j 23:27	0°♒	
evening max el	-3424 Aug 27 j 05:37	24°♓00'31	47°19'58				
	-3424 Sep 02 j 08:58	0°♊		superior conj	-3421 Apr 03 j 00:14	14°♒45'55	0°-57'-57
greatest brilliancy	-3424 Oct 05 j 09:05	24°♊25'27	-4.7m	minimum elong	-3421 Apr 03 j 08:55	15°♒12'35	0°57'41
retrograde	-3424 Oct 16 j 21:24	26°♊54'39		max. Earth dist.	-3421 Apr 02 j 18:08	14°♒27'13	1.73696 AU
evening set	-3424 Oct 31 j 12:08	22°♊36'51			-3421 Apr 15 j 10:08	0°♑	
inferior conj	-3424 Nov 06 j 10:06	19°♊06'52	-1°-33'-10	asc. node	-3421 Apr 30 j 07:09	18°♑15'42	
minimum elong	-3424 Nov 06 j 13:35	19°♊01'33	1°32'06	evening rise	-3421 May 09 j 02:42	29°♑05'09	
min. Earth dist.	-3424 Nov 06 j 01:02	19°♊20'48	0.26417 AU		-3421 May 09 j 20:34	0°♒	
asc. node	-3424 Nov 12 j 11:23	15°♊34'17			-3421 Jun 03 j 06:32	0°♎	
morning rise	-3424 Nov 12 j 15:30	15°♊28'50			-3421 Jun 27 j 16:30	0°♏	
direct	-3424 Nov 26 j 16:14	11°♊31'04			-3421 Jul 22 j 03:52	0°♐	
greatest brilliancy	-3424 Dec 08 j 01:31	13°♊58'26	-4.6m		-3421 Aug 15 j 18:56	0°♓	
	-3424 Dec 31 j 21:33	0°♋		desc. node	-3421 Aug 20 j 01:12	5°♓09'39	
morning max el	-3423 Jan 15 j 16:06	13°♋47'22	46°27'35		-3421 Sep 09 j 17:08	0°♊	
	-3423 Jan 31 j 09:26	0°♌			-3421 Oct 05 j 05:13	0°♋	
	-3423 Feb 27 j 14:04	0°♍			-3421 Nov 01 j 02:10	0°♌	
desc. node	-3423 Mar 04 j 07:20	5°♍21'43		evening max el	-3421 Nov 08 j 00:43	7°♌15'09	47°18'07
	-3423 Mar 25 j 16:11	0°♐			-3421 Dec 03 j 01:31	0°♍	
	-3423 Apr 20 j 04:15	0°♑		asc. node	-3421 Dec 10 j 22:57	5°♍19'55	
	-3423 May 15 j 06:16	0°♒		greatest brilliancy	-3421 Dec 14 j 23:49	7°♍31'15	-4.6m
	-3423 Jun 08 j 23:36	0°♒		retrograde	-3421 Dec 29 j 01:07	11°♍11'37	
asc. node	-3423 Jun 25 j 05:10	19°♒55'19		evening set	-3420 Jan 14 j 18:53	5°♍37'59	
	-3423 Jul 03 j 08:56	0°♎		min. Earth dist.	-3420 Jan 18 j 05:34	3°♍28'56	0.28240 AU
morning set	-3423 Jul 12 j 14:28	11°♎27'11		inferior conj	-3420 Jan 19 j 03:56	2°♍53'11	7°38'33
	-3423 Jul 27 j 11:26	0°♏		minimum elong	-3420 Jan 18 j 20:42	3°♍04'44	7°37'31
max. Earth dist.	-3423 Aug 16 j 02:56	24°♏38'26	1.71403 AU	morning rise	-3420 Jan 22 j 22:58	0°♍30'23	
					-3420 Jan 23 j 19:18	30°♎♌	
superior conj	-3423 Aug 19 j 01:45	28°♏21'01	1°24'04	direct	-3420 Feb 09 j 03:31	24°♎46'58	
minimum elong	-3423 Aug 19 j 01:19	28°♏19'38	1°24'10	greatest brilliancy	-3420 Feb 19 j 23:04	26°♎54'38	-4.5m
	-3423 Aug 20 j 09:14	0°♐			-3420 Feb 26 j 14:39	0°♍	
	-3423 Sep 13 j 05:05	0°♑		morning max el	-3420 Mar 28 j 22:54	24°♍46'24	45°53'11
evening rise	-3423 Sep 27 j 20:29	18°♑25'33		desc. node	-3420 Mar 31 j 18:49	27°♍30'06	
	-3423 Oct 07 j 01:27	0°♊			-3420 Apr 03 j 07:57	0°♑	
desc. node	-3423 Oct 14 j 23:37	9°♊56'43			-3420 May 01 j 20:55	0°♒	
	-3423 Oct 30 j 23:58	0°♋			-3420 May 28 j 09:59	0°♑	
	-3423 Nov 24 j 01:42	0°♌			-3420 Jun 22 j 22:29	0°♒	
	-3423 Dec 18 j 08:21	0°♍			-3420 Jul 17 j 18:14	0°♎	
	-3422 Jan 11 j 23:32	0°♐		asc. node	-3420 Jul 22 j 17:11	6°♎04'22	
asc. node	-3422 Feb 04 j 20:34	28°♐21'56		greatest brilliancy	-3420 Aug 05 j 04:14	22°♎41'04	-3.9m
	-3422 Feb 06 j 06:12	0°♑			-3420 Aug 11 j 01:34	0°♏	
	-3422 Mar 04 j 17:48	0°♒			-3420 Sep 04 j 00:35	0°♐	
evening max el	-3422 Apr 01 j 03:50	28°♒16'53	45°08'29	morning set	-3420 Sep 22 j 20:31	23°♐44'24	
	-3422 Apr 02 j 23:29	0°♒			-3420 Sep 27 j 19:28	0°♓	
greatest brilliancy	-3422 May 06 j 03:09	24°♒21'33	-4.5m		-3420 Oct 21 j 13:50	0°♊	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3420 Nov 02 j 22:58	15°♄35'57	0°19'51	morning rise	-3417 Apr 04 j 02:29	7°♋17'46	
minimum elong	-3420 Nov 03 j 04:16	15°♄52'39	0°19'33	direct	-3417 Apr 20 j 09:55	2°♋12'12	
max. Earth dist.	-3420 Nov 06 j 18:49	20°♄24'50	1.71056 AU	desc. node	-3417 Apr 29 j 06:14	3°♋38'00	
desc. node	-3420 Nov 11 j 11:45	26°♄19'40		greatest brilliancy	-3417 May 03 j 21:04	5°♋22'41	-4.5m
	-3420 Nov 14 j 09:56	0°♌			-3417 Jun 06 j 03:02	0°♍	
	-3420 Dec 08 j 08:50	0°♌		morning max el	-3417 Jun 08 j 09:56	2°♍10'15	45°53'56
evening rise	-3420 Dec 15 j 07:52	8°♌41'00			-3417 Jul 05 j 07:09	0°♎	
	-3419 Jan 01 j 11:04	0°♍			-3417 Jul 31 j 16:37	0°♏	
	-3419 Jan 25 j 17:37	0°♎		asc. node	-3417 Aug 20 j 05:04	23°♏14'06	
	-3419 Feb 19 j 06:21	0°♎			-3417 Aug 25 j 18:57	0°♐	
asc. node	-3419 Mar 04 j 08:48	15°♎51'06			-3417 Sep 19 j 03:42	0°♑	
	-3419 Mar 16 j 04:09	0°♏			-3417 Oct 13 j 03:20	0°♒	
	-3419 Apr 10 j 15:14	0°♏			-3417 Nov 06 j 00:02	0°♓	
	-3419 May 06 j 23:32	0°♏			-3417 Nov 29 j 21:42	0°♓	
	-3419 Jun 04 j 02:43	0°♐		morning set	-3417 Dec 09 j 22:49	12°♓34'09	
evening max el	-3419 Jun 11 j 22:17	7°♐41'52	45°53'07	desc. node	-3417 Dec 09 j 23:49	12°♓37'16	
desc. node	-3419 Jun 24 j 03:25	18°♐50'12			-3417 Dec 23 j 22:00	0°♑	
	-3419 Jul 08 j 19:35	0°♑			-3416 Jan 17 j 01:08	0°♒	
greatest brilliancy	-3419 Jul 20 j 17:36	6°♑08'39	-4.6m				
retrograde	-3419 Jul 31 j 06:58	8°♑09'50		superior conj	-3416 Jan 20 j 07:25	4°♒02'43	-1°-16'-32
evening set	-3419 Aug 18 j 06:22	2°♑11'11		minimum elong	-3416 Jan 19 j 23:21	3°♒37'44	1°16'31
inferior conj	-3419 Aug 21 j 03:49	0°♑27'25	-8°-56'-11	max. Earth dist.	-3416 Jan 23 j 22:02	8°♒31'06	1.72573 AU
minimum elong	-3419 Aug 21 j 04:12	0°♑26'50	8°56'06		-3416 Feb 10 j 06:57	0°♓	
min. Earth dist.	-3419 Aug 21 j 15:09	0°♑10'18	0.27212 AU	evening rise	-3416 Feb 28 j 02:08	21°♓56'08	
	-3419 Aug 21 j 21:59	30°♒			-3416 Mar 05 j 15:38	0°♋	
morning rise	-3419 Aug 24 j 01:53	28°♒42'23			-3416 Mar 30 j 03:43	0°♌	
direct	-3419 Sep 10 j 22:21	22°♒39'57		asc. node	-3416 Mar 31 j 20:59	2°♌05'51	
greatest brilliancy	-3419 Sep 24 j 13:28	26°♒04'15	-4.7m		-3416 Apr 23 j 19:50	0°♍	
	-3419 Oct 01 j 14:05	0°♑			-3416 May 18 j 16:58	0°♏	
asc. node	-3419 Oct 15 j 01:59	10°♑19'30			-3416 Jun 12 j 21:09	0°♐	
morning max el	-3419 Oct 31 j 18:32	26°♑14'56	46°53'06		-3416 Jul 08 j 13:17	0°♑	
	-3419 Nov 04 j 09:23	0°♒		desc. node	-3416 Jul 21 j 15:15	14°♑55'12	
	-3419 Dec 01 j 11:15	0°♓			-3416 Aug 04 j 05:13	0°♒	
	-3419 Dec 27 j 01:35	0°♓		evening max el	-3416 Aug 24 j 20:09	21°♒37'48	47°18'01
	-3418 Jan 21 j 04:17	0°♑			-3416 Sep 02 j 12:23	0°♓	
desc. node	-3418 Feb 03 j 21:45	16°♑29'48		greatest brilliancy	-3416 Oct 03 j 00:13	21°♓58'25	-4.7m
	-3418 Feb 15 j 02:41	0°♒		retrograde	-3416 Oct 14 j 10:08	24°♓24'28	
	-3418 Mar 11 j 22:38	0°♓		evening set	-3416 Oct 29 j 02:28	20°♓05'21	
	-3418 Apr 05 j 16:06	0°♋		inferior conj	-3416 Nov 03 j 22:37	16°♓37'44	-1°-56'-59
	-3418 Apr 30 j 06:34	0°♌		minimum elong	-3416 Nov 04 j 02:57	16°♓31'06	1°55'40
morning set	-3418 May 03 j 21:14	4°♌25'07		min. Earth dist.	-3416 Nov 03 j 14:46	16°♓49'48	0.26395 AU
	-3418 May 24 j 17:24	0°♎		morning rise	-3416 Nov 10 j 03:55	12°♓59'52	
asc. node	-3418 May 27 j 19:14	3°♎47'16		asc. node	-3416 Nov 11 j 13:23	12°♓17'13	
max. Earth dist.	-3418 Jun 05 j 01:01	13°♎57'06	1.73142 AU	direct	-3416 Nov 24 j 05:01	9°♓02'42	
				greatest brilliancy	-3416 Dec 05 j 14:48	11°♓30'32	-4.6m
superior conj	-3418 Jun 08 j 19:07	18°♎35'25	0°27'44		-3415 Jan 01 j 04:57	0°♓	
minimum elong	-3418 Jun 08 j 13:53	18°♎19'13	0°27'36	morning max el	-3415 Jan 13 j 05:10	11°♓22'41	46°28'43
	-3418 Jun 18 j 00:22	0°♏			-3415 Jan 31 j 04:03	0°♑	
	-3418 Jul 12 j 03:56	0°♐			-3415 Feb 27 j 05:01	0°♒	
evening rise	-3418 Jul 14 j 16:53	3°♐09'46		desc. node	-3415 Mar 03 j 09:28	4°♒46'13	
	-3418 Aug 05 j 05:30	0°♑			-3415 Mar 25 j 05:24	0°♓	
	-3418 Aug 29 j 07:01	0°♒			-3415 Apr 19 j 16:29	0°♋	
desc. node	-3418 Sep 16 j 13:27	22°♒43'03			-3415 May 14 j 17:56	0°♌	
	-3418 Sep 22 j 10:23	0°♓			-3415 Jun 08 j 10:57	0°♍	
	-3418 Oct 16 j 17:29	0°♓		asc. node	-3415 Jun 24 j 07:21	19°♎27'25	
	-3418 Nov 10 j 07:16	0°♑			-3415 Jul 02 j 20:09	0°♏	
	-3418 Dec 05 j 10:29	0°♒		morning set	-3415 Jul 10 j 06:59	9°♏14'39	
	-3418 Dec 31 j 20:09	0°♓			-3415 Jul 26 j 22:36	0°♐	
asc. node	-3417 Jan 07 j 10:47	7°♓06'11		max. Earth dist.	-3415 Aug 13 j 10:50	21°♐57'14	1.71455 AU
evening max el	-3417 Jan 17 j 22:37	17°♓52'00	45°55'55				
	-3417 Jan 30 j 22:36	0°♋		superior conj	-3415 Aug 16 j 16:18	26°♐00'38	1°23'54
greatest brilliancy	-3417 Feb 21 j 05:54	15°♋00'30	-4.5m	minimum elong	-3415 Aug 16 j 15:01	25°♐56'36	1°24'00
retrograde	-3417 Mar 08 j 05:27	18°♋57'22			-3415 Aug 19 j 20:27	0°♑	
evening set	-3417 Mar 24 j 23:11	13°♋32'24			-3415 Sep 12 j 16:24	0°♒	
inferior conj	-3417 Mar 29 j 15:51	10°♋38'13	6°11'31	evening rise	-3415 Sep 25 j 06:45	15°♒51'07	
minimum elong	-3417 Mar 30 j 00:50	10°♋24'00	6°09'47		-3415 Oct 06 j 12:53	0°♓	
min. Earth dist.	-3417 Mar 30 j 02:29	10°♋21'24	0.29300 AU	desc. node	-3415 Oct 14 j 01:38	9°♓27'09	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3415 Oct 30 j 11:31	0°♌			-3412 May 27 j 23:12	0°♍		
	-3415 Nov 23 j 13:24	0°♎			-3412 Jun 22 j 10:41	0°♏		
	-3415 Dec 17 j 20:19	0°♐			-3412 Jul 17 j 05:53	0°♑		
	-3414 Jan 11 j 12:04	0°♒		asc. node	-3412 Jul 21 j 19:23	5°♒35'30		
asc. node	-3414 Feb 03 j 22:44	27°♒48'38			-3412 Aug 10 j 12:57	0°♓		
	-3414 Feb 05 j 19:52	0°♈		greatest brilliancy	-3412 Aug 11 j 05:31	0°♓51'34	-3.9m	
	-3414 Mar 04 j 10:02	0°♉			-3412 Sep 03 j 11:51	0°♈		
evening max el	-3414 Mar 29 j 18:23	26°♉02'37	45°08'29	morning set	-3412 Sep 20 j 08:17	21°♈14'33		
	-3414 Apr 02 j 23:50	0°♊			-3412 Sep 27 j 06:43	0°♉		
greatest brilliancy	-3414 May 03 j 16:28	22°♊07'26	-4.5m		-3412 Oct 21 j 01:05	0°♊		
retrograde	-3414 May 16 j 22:58	25°♊11'09						
desc. node	-3414 May 26 j 17:51	23°♊20'00		superior conj	-3412 Oct 31 j 07:42	12°♊56'57	0°23'44	
evening set	-3414 May 31 j 21:09	20°♊59'05		minimum elong	-3412 Oct 31 j 13:58	13°♊16'42	0°23'26	
inferior conj	-3414 Jun 07 j 07:47	17°♊12'32	-2°-40'-18	max. Earth dist.	-3412 Nov 03 j 22:27	17°♊29'55	1.71028 AU	
minimum elong	-3414 Jun 07 j 02:03	17°♊21'22	2°38'37	desc. node	-3412 Nov 10 j 13:49	25°♊50'49		
min. Earth dist.	-3414 Jun 07 j 18:47	16°♊55'35	0.28508 AU		-3412 Nov 13 j 21:11	0°♌		
morning rise	-3414 Jun 13 j 06:13	13°♊40'22			-3412 Dec 07 j 20:04	0°♍		
direct	-3414 Jun 28 j 22:25	9°♊00'42		evening rise	-3412 Dec 12 j 18:01	6°♍08'01		
greatest brilliancy	-3414 Jul 13 j 13:15	12°♊43'42	-4.5m		-3412 Dec 31 j 22:19	0°♎		
	-3414 Aug 06 j 17:25	0°♏			-3411 Jan 25 j 04:55	0°♎		
morning max el	-3414 Aug 17 j 17:45	10°♏24'13	46°28'25		-3411 Feb 18 j 17:53	0°♏		
	-3414 Sep 05 j 09:15	0°♐		asc. node	-3411 Mar 03 j 10:52	15°♏21'51		
asc. node	-3414 Sep 16 j 16:40	12°♐42'28			-3411 Mar 15 j 16:13	0°♑		
	-3414 Oct 01 j 12:35	0°♑			-3411 Apr 10 j 04:24	0°♒		
	-3414 Oct 26 j 09:19	0°♒			-3411 May 06 j 14:59	0°♓		
	-3414 Nov 19 j 18:04	0°♓			-3411 Jun 03 j 23:52	0°♈		
desc. node	-3414 Dec 13 j 23:44	0°♌		evening max el	-3411 Jun 09 j 12:29	5°♈24'02	45°50'19	
	-3413 Jan 06 j 11:59	29°♌03'44		desc. node	-3411 Jun 23 j 05:39	17°♈47'25		
	-3413 Jan 07 j 06:13	0°♍			-3411 Jul 10 j 06:28	0°♉		
	-3413 Jan 31 j 14:26	0°♎		greatest brilliancy	-3411 Jul 18 j 03:16	3°♉42'13	-4.6m	
morning set	-3413 Feb 22 j 14:06	27°♎02'02		retrograde	-3411 Jul 28 j 19:58	5°♉45'50		
	-3413 Feb 25 j 00:02	0°♏			-3411 Aug 15 j 09:59	30°♊00		
	-3413 Mar 21 j 10:26	0°♐		evening set	-3411 Aug 15 j 17:46	29°♊48'40		
				inferior conj	-3411 Aug 18 j 16:35	28°♊02'50	-8°-55'-27	
superior conj	-3413 Mar 31 j 18:24	12°♐40'49	-1°00'-9	minimum elong	-3411 Aug 18 j 16:01	28°♊03'41	8°55'22	
minimum elong	-3413 Apr 01 j 03:08	13°♐07'38	0°59'55	min. Earth dist.	-3411 Aug 19 j 03:14	27°♊46'45	0.27262 AU	
max. Earth dist.	-3413 Mar 31 j 13:10	12°♐24'45	1.73687 AU	morning rise	-3411 Aug 21 j 14:09	26°♊18'37		
	-3413 Apr 14 j 21:06	0°♑		direct	-3411 Sep 08 j 12:29	20°♊14'40		
asc. node	-3413 Apr 29 j 09:10	17°♑48'11		greatest brilliancy	-3411 Sep 22 j 04:01	23°♊40'00	-4.7m	
evening rise	-3413 May 06 j 21:57	27°♑02'59			-3411 Oct 02 j 17:34	0°♋		
	-3413 May 09 j 07:36	0°♒		asc. node	-3411 Oct 14 j 04:04	9°♋13'10		
	-3413 Jun 02 j 17:46	0°♓		morning max el	-3411 Oct 29 j 09:04	23°♋51'01	46°53'02	
	-3413 Jun 27 j 04:05	0°♈			-3411 Nov 04 j 06:29	0°♉		
	-3413 Jul 21 j 15:59	0°♉			-3411 Dec 01 j 03:15	0°♊		
	-3413 Aug 15 j 07:47	0°♊			-3411 Dec 26 j 15:27	0°♋		
desc. node	-3413 Aug 19 j 03:17	4°♊36'41			-3410 Jan 20 j 16:59	0°♌		
	-3413 Sep 09 j 07:05	0°♋		desc. node	-3410 Feb 02 j 23:47	15°♌59'05		
	-3413 Oct 04 j 21:04	0°♌			-3410 Feb 14 j 14:38	0°♍		
	-3413 Oct 31 j 22:28	0°♍			-3410 Mar 11 j 10:02	0°♎		
evening max el	-3413 Nov 05 j 15:01	4°♍52'15	47°20'16		-3410 Apr 05 j 03:08	0°♏		
	-3413 Dec 03 j 21:57	0°♎			-3410 Apr 29 j 17:22	0°♑		
asc. node	-3413 Dec 10 j 01:13	3°♎51'16		morning set	-3410 May 01 j 16:27	2°♑24'01		
greatest brilliancy	-3413 Dec 12 j 17:04	5°♎15'00	-4.6m		-3410 May 24 j 04:09	0°♒		
retrograde	-3413 Dec 26 j 17:05	8°♎54'38		asc. node	-3410 May 26 j 21:26	3°♒20'57		
evening set	-3412 Jan 12 j 07:40	3°♎25'36		max. Earth dist.	-3410 Jun 02 j 22:30	12°♒02'01	1.73190 AU	
min. Earth dist.	-3412 Jan 15 j 20:35	1°♎13'36	0.28166 AU					
inferior conj	-3412 Jan 16 j 19:36	0°♎36'54	7°30'03	superior conj	-3410 Jun 06 j 13:57	16°♒32'00	0°24'49	
minimum elong	-3412 Jan 16 j 11:53	0°♎49'12	7°28'53	minimum elong	-3410 Jun 06 j 09:13	16°♒17'23	0°24'41	
	-3412 Jan 17 j 18:45	30°♒00			-3410 Jun 17 j 11:10	0°♓		
morning rise	-3412 Jan 20 j 16:32	28°♒11'26			-3410 Jul 11 j 14:54	0°♈		
direct	-3412 Feb 06 j 17:44	22°♒31'42		evening rise	-3410 Jul 12 j 10:26	1°♈00'49		
greatest brilliancy	-3412 Feb 17 j 13:41	24°♒39'43	-4.5m		-3410 Aug 04 j 16:42	0°♉		
	-3412 Feb 28 j 01:02	0°♓			-3410 Aug 28 j 18:29	0°♊		
morning max el	-3412 Mar 26 j 13:55	22°♓33'11	45°53'54	desc. node	-3410 Sep 15 j 15:27	22°♊12'52		
desc. node	-3412 Mar 30 j 20:54	26°♓42'38			-3410 Sep 21 j 22:11	0°♋		
	-3412 Apr 03 j 04:30	0°♔			-3410 Oct 16 j 05:45	0°♌		
	-3412 May 01 j 12:10	0°♕			-3410 Nov 09 j 20:15	0°♍		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3410 Dec 05 j 00:46	0°☾	morning set	-3407 Jul 08 j 00:03	7°☿05'10	
	-3410 Dec 31 j 13:28	0°♊		-3407 Jul 26 j 09:21	0°☿	
asc. node	-3409 Jan 06 j 12:57	6°♊22'46	max. Earth dist.	-3407 Aug 10 j 22:34	19°☿29'29	1.71514 AU
evening max el	-3409 Jan 15 j 15:05	15°♊40'44 45°58'47				
	-3409 Jan 31 j 03:59	0°♋	superior conj	-3407 Aug 14 j 07:20	23°☿43'06	1°23'35
greatest brilliancy	-3409 Feb 19 j 00:00	12°♋54'42 -4.5m	minimum elong	-3407 Aug 14 j 05:16	23°☿36'37	1°23'42
retrograde	-3409 Mar 05 j 22:49	16°♋50'29		-3407 Aug 19 j 07:17	0°♌	
evening set	-3409 Mar 22 j 18:45	11°♋21'55		-3407 Sep 12 j 03:22	0°♍	
inferior conj	-3409 Mar 27 j 08:55	8°♋30'57 6°23'44	evening rise	-3407 Sep 22 j 17:20	13°♍18'45	
minimum elong	-3409 Mar 27 j 17:47	8°♋16'53 6°22'07		-3407 Oct 06 j 00:02	0°♎	
min. Earth dist.	-3409 Mar 27 j 18:29	8°♋15'48 0.29299 AU	desc. node	-3407 Oct 13 j 03:45	8°♎58'41	
morning rise	-3409 Apr 01 j 16:55	5°♋14'04		-3407 Oct 29 j 22:49	0°♏	
direct	-3409 Apr 18 j 03:11	0°♋05'17		-3407 Nov 23 j 00:53	0°♐	
desc. node	-3409 Apr 28 j 08:17	1°♋58'24		-3407 Dec 17 j 08:06	0°♑	
greatest brilliancy	-3409 May 01 j 10:14	3°♋11'39 -4.5m		-3406 Jan 11 j 00:23	0°♒	
morning max el	-3409 Jun 06 j 02:17	0°♑01'54 45°53'05	asc. node	-3406 Feb 03 j 00:46	27°♒15'45	
	-3409 Jun 06 j 01:30	0°♑		-3406 Feb 05 j 09:19	0°♋	
	-3409 Jul 04 j 22:47	0°♌		-3406 Mar 04 j 02:11	0°♑	
	-3409 Jul 31 j 05:58	0°♍	evening max el	-3406 Mar 27 j 08:57	23°♑49'43	45°08'46
asc. node	-3409 Aug 19 j 07:05	22°♍42'23		-3406 Apr 03 j 00:51	0°♎	
	-3409 Aug 25 j 07:18	0°☿	greatest brilliancy	-3406 May 01 j 05:03	19°♎54'07	-4.5m
	-3409 Sep 18 j 15:31	0°♌	retrograde	-3406 May 14 j 14:21	23°♎01'27	
	-3409 Oct 12 j 14:51	0°♍	desc. node	-3406 May 25 j 20:06	20°♎34'58	
	-3409 Nov 05 j 11:22	0°♎	evening set	-3406 May 29 j 12:12	18°♎49'16	
	-3409 Nov 29 j 08:53	0°♏	inferior conj	-3406 Jun 04 j 23:27	15°♎02'04	-2°-20'-50
morning set	-3409 Dec 07 j 08:39	10°♏00'06	minimum elong	-3406 Jun 04 j 18:22	15°♎09'54	2°19'18
desc. node	-3409 Dec 09 j 02:01	12°♏09'25	min. Earth dist.	-3406 Jun 05 j 11:05	14°♎44'10	0.28545 AU
	-3409 Dec 23 j 09:03	0°♐	morning rise	-3406 Jun 10 j 23:46	11°♎27'14	
	-3408 Jan 16 j 12:04	0°☾	direct	-3406 Jun 26 j 13:55	6°♎49'14	
			greatest brilliancy	-3406 Jul 11 j 06:27	10°♎33'42	-4.5m
superior conj	-3408 Jan 17 j 20:00	1°☾39'02 -1°-14'-59		-3406 Aug 06 j 20:11	0°♏	
minimum elong	-3408 Jan 17 j 11:18	1°☾12'04 1°14'56	morning max el	-3406 Aug 15 j 08:52	8°♏08'22	46°27'11
max. Earth dist.	-3408 Jan 21 j 15:48	6°☾23'36 1.72516 AU		-3406 Sep 05 j 02:08	0°☿	
	-3408 Feb 09 j 17:49	0°♊	asc. node	-3406 Sep 15 j 18:47	12°☿04'20	
evening rise	-3408 Feb 25 j 17:54	19°♊43'35		-3406 Oct 01 j 02:38	0°♌	
	-3408 Mar 05 j 02:30	0°♋		-3406 Oct 25 j 22:09	0°♍	
	-3408 Mar 29 j 14:42	0°♑		-3406 Nov 19 j 06:14	0°♎	
asc. node	-3408 Mar 30 j 23:04	1°♑38'41		-3406 Dec 13 j 11:28	0°♏	
	-3408 Apr 23 j 07:08	0°♌	desc. node	-3405 Jan 05 j 14:02	28°♏34'54	
	-3408 May 18 j 04:49	0°♍		-3405 Jan 06 j 17:36	0°♐	
	-3408 Jun 12 j 09:59	0°☿		-3405 Jan 31 j 01:32	0°☾	
	-3408 Jul 08 j 03:49	0°♌	morning set	-3405 Feb 20 j 05:15	24°☾47'36	
desc. node	-3408 Jul 20 j 17:17	14°♌16'06		-3405 Feb 24 j 10:55	0°♊	
	-3408 Aug 03 j 23:16	0°♍		-3405 Mar 20 j 21:10	0°♋	
evening max el	-3408 Aug 22 j 09:33	19°♍12'58 47°15'35				
	-3408 Sep 02 j 17:17	0°♎	superior conj	-3405 Mar 29 j 12:17	10°♎35'37	-1°-2'-18
greatest brilliancy	-3408 Sep 30 j 15:59	19°♎31'57 -4.7m	minimum elong	-3405 Mar 29 j 21:02	11°♎02'28	1°02'05
retrograde	-3408 Oct 11 j 22:03	21°♎53'49	max. Earth dist.	-3405 Mar 29 j 08:59	10°♎25'30	1.73673 AU
evening set	-3408 Oct 26 j 16:38	17°♎33'07		-3405 Apr 14 j 07:48	0°♑	
inferior conj	-3408 Nov 01 j 10:50	14°♎08'19 -2°-20'-50	asc. node	-3405 Apr 28 j 11:22	17°♑22'04	
minimum elong	-3408 Nov 01 j 16:00	14°♎00'23 2°19'16	evening rise	-3405 May 04 j 17:13	25°♑01'51	
min. Earth dist.	-3408 Nov 01 j 04:39	14°♎17'49 0.26378 AU		-3405 May 08 j 18:23	0°♌	
morning rise	-3408 Nov 07 j 15:44	10°♎30'45		-3405 Jun 02 j 04:45	0°♍	
asc. node	-3408 Nov 10 j 15:37	9°♎03'23		-3405 Jun 26 j 15:24	0°☿	
direct	-3408 Nov 21 j 16:49	6°♎33'44		-3405 Jul 21 j 03:48	0°♌	
greatest brilliancy	-3408 Dec 03 j 04:43	9°♎03'09 -4.7m		-3405 Aug 14 j 20:21	0°♍	
	-3407 Jan 01 j 10:00	0°♏	desc. node	-3405 Aug 18 j 05:21	4°♍04'38	
morning max el	-3407 Jan 10 j 17:22	8°♏56'11 46°30'06		-3405 Sep 08 j 20:46	0°♎	
	-3407 Jan 30 j 21:56	0°♐		-3405 Oct 04 j 12:46	0°♏	
	-3407 Feb 26 j 19:24	0°☾		-3405 Oct 31 j 19:08	0°♐	
desc. node	-3407 Mar 02 j 11:31	4°☾11'45	evening max el	-3405 Nov 03 j 06:04	2°♐32'01	47°22'01
	-3407 Mar 24 j 18:07	0°♊		-3405 Dec 05 j 01:56	0°☾	
	-3407 Apr 19 j 04:17	0°♋	asc. node	-3405 Dec 09 j 03:20	2°☾19'17	
	-3407 May 14 j 05:11	0°♑	greatest brilliancy	-3405 Dec 10 j 09:23	2°☾57'16	-4.6m
	-3407 Jun 07 j 21:53	0°♌	retrograde	-3405 Dec 24 j 09:08	6°☾36'52	
asc. node	-3407 Jun 23 j 09:32	19°♌00'53	evening set	-3404 Jan 09 j 20:02	1°☾12'23	
	-3407 Jul 02 j 06:55	0°♍		-3404 Jan 11 j 19:27	30°♌♐	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

min. Earth dist.	-3404 Jan 13 j 11:06	28° ♁ 57'32	0.28095 AU	superior conj	-3402 Jun 04 j 08:30	14° ♁ 27'41	0°21'51
inferior conj	-3404 Jan 14 j 10:54	28° ♁ 19'40	7°20'38	minimum elong	-3402 Jun 04 j 04:18	14° ♁ 14'43	0°21'44
minimum elong	-3404 Jan 14 j 02:47	28° ♁ 32'36	7°19'18		-3402 Jun 16 j 22:01	0° ♁	
morning rise	-3404 Jan 18 j 09:59	25° ♁ 51'23		evening rise	-3402 Jul 10 j 03:55	28° ♁ 51'39	
direct	-3404 Feb 04 j 08:03	20° ♁ 15'28			-3402 Jul 11 j 01:54	0° ♁	
greatest brilliancy	-3404 Feb 15 j 03:39	22° ♁ 23'34	-4.5m		-3402 Aug 04 j 03:55	0° ♁	
	-3404 Feb 29 j 01:40	0° ♁			-3402 Aug 28 j 06:00	0° ♁	
morning max el	-3404 Mar 24 j 05:39	20° ♁ 21'43	45°54'46	desc. node	-3402 Sep 14 j 17:35	21° ♁ 42'57	
desc. node	-3404 Mar 29 j 23:02	25° ♁ 56'11			-3402 Sep 21 j 10:04	0° ♁	
	-3404 Apr 03 j 00:20	0° ♁			-3402 Oct 15 j 18:07	0° ♁	
	-3404 May 01 j 03:04	0° ♁			-3402 Nov 09 j 09:19	0° ♁	
	-3404 May 27 j 12:07	0° ♁			-3402 Dec 04 j 15:09	0° ♁	
	-3404 Jun 21 j 22:37	0° ♁			-3402 Dec 31 j 07:08	0° ♁	
	-3404 Jul 16 j 17:18	0° ♁		asc. node	-3401 Jan 05 j 14:57	5° ♁ 38'27	
asc. node	-3404 Jul 20 j 21:20	5° ♁ 06'39		evening max el	-3401 Jan 13 j 06:50	13° ♁ 27'29	46°01'31
	-3404 Aug 10 j 00:06	0° ♁			-3401 Jan 31 j 11:41	0° ♁	
greatest brilliancy	-3404 Aug 13 j 19:57	4° ♁ 46'15	-3.9m	greatest brilliancy	-3401 Feb 16 j 17:56	10° ♁ 48'11	-4.5m
	-3404 Sep 02 j 22:54	0° ♁		retrograde	-3401 Mar 03 j 15:34	14° ♁ 42'56	
morning set	-3404 Sep 17 j 20:45	18° ♁ 47'41		evening set	-3401 Mar 20 j 14:13	9° ♁ 10'50	
	-3404 Sep 26 j 17:43	0° ♁		inferior conj	-3401 Mar 25 j 01:57	6° ♁ 23'06	6°35'32
	-3404 Oct 20 j 12:04	0° ♁		minimum elong	-3401 Mar 25 j 10:39	6° ♁ 09'16	6°34'00
				min. Earth dist.	-3401 Mar 25 j 10:45	6° ♁ 09'07	0.29300 AU
superior conj	-3404 Oct 28 j 17:00	10° ♁ 20'27	0°27'33	morning rise	-3401 Mar 30 j 07:10	3° ♁ 09'46	
minimum elong	-3404 Oct 29 j 00:10	10° ♁ 43'01	0°27'12		-3401 Apr 05 j 15:53	30° ♁	
max. Earth dist.	-3404 Nov 01 j 06:31	14° ♁ 49'40	1.71004 AU	direct	-3401 Apr 15 j 20:01	27° ♁ 57'39	
desc. node	-3404 Nov 09 j 16:02	25° ♁ 23'14			-3401 Apr 26 j 11:44	0° ♁	
	-3404 Nov 13 j 08:11	0° ♁		desc. node	-3401 Apr 27 j 10:31	0° ♁ 21'36	
	-3404 Dec 07 j 07:06	0° ♁		greatest brilliancy	-3401 Apr 28 j 23:40	1° ♁ 00'02	-4.5m
evening rise	-3404 Dec 10 j 04:20	3° ♁ 36'02		morning max el	-3401 Jun 03 j 17:52	27° ♁ 50'53	45°52'19
	-3404 Dec 31 j 09:25	0° ♁			-3401 Jun 05 j 23:25	0° ♁	
	-3403 Jan 24 j 16:10	0° ♁			-3401 Jul 04 j 14:26	0° ♁	
	-3403 Feb 18 j 05:24	0° ♁			-3401 Jul 30 j 19:25	0° ♁	
asc. node	-3403 Mar 02 j 12:57	14° ♁ 52'42		asc. node	-3401 Aug 18 j 09:16	22° ♁ 10'51	
	-3403 Mar 15 j 04:19	0° ♁			-3401 Aug 24 j 19:44	0° ♁	
	-3403 Apr 09 j 17:39	0° ♁			-3401 Sep 18 j 03:25	0° ♁	
	-3403 May 06 j 06:36	0° ♁			-3401 Oct 12 j 02:28	0° ♁	
	-3403 Jun 03 j 21:41	0° ♁			-3401 Nov 04 j 22:49	0° ♁	
evening max el	-3403 Jun 07 j 03:14	3° ♁ 07'54	45°47'38		-3401 Nov 28 j 20:12	0° ♁	
desc. node	-3403 Jun 22 j 07:41	16° ♁ 42'56		morning set	-3401 Dec 04 j 18:34	7° ♁ 25'44	
	-3403 Jul 12 j 10:33	0° ♁		desc. node	-3401 Dec 08 j 04:02	11° ♁ 40'31	
greatest brilliancy	-3403 Jul 15 j 13:35	1° ♁ 17'15	-4.6m		-3401 Dec 22 j 20:14	0° ♁	
retrograde	-3403 Jul 26 j 08:47	3° ♁ 22'26					
	-3403 Aug 08 j 12:52	30° ♁		superior conj	-3400 Jan 15 j 08:40	29° ♁ 15'07	-1°-13'-17
evening set	-3403 Aug 13 j 04:51	27° ♁ 27'40		minimum elong	-3400 Jan 14 j 23:23	28° ♁ 46'21	1°13'12
inferior conj	-3403 Aug 16 j 05:27	25° ♁ 39'01	-8°-53'-54		-3400 Jan 15 j 23:08	0° ♁	
minimum elong	-3403 Aug 16 j 03:57	25° ♁ 41'18	8°53'46	max. Earth dist.	-3400 Jan 19 j 09:05	4° ♁ 14'07	1.72455 AU
min. Earth dist.	-3403 Aug 16 j 15:28	25° ♁ 23'52	0.27308 AU		-3400 Feb 09 j 04:48	0° ♁	
morning rise	-3403 Aug 19 j 02:56	23° ♁ 54'49		evening rise	-3400 Feb 23 j 09:38	17° ♁ 30'28	
direct	-3403 Sep 06 j 02:42	17° ♁ 50'18			-3400 Mar 04 j 13:31	0° ♁	
greatest brilliancy	-3403 Sep 19 j 17:41	21° ♁ 15'09	-4.7m		-3400 Mar 29 j 01:54	0° ♁	
	-3403 Oct 03 j 13:28	0° ♁		asc. node	-3400 Mar 30 j 01:15	1° ♁ 11'12	
asc. node	-3403 Oct 13 j 06:14	8° ♁ 09'09			-3400 Apr 22 j 18:42	0° ♁	
morning max el	-3403 Oct 26 j 23:07	21° ♁ 26'21	46°53'01		-3400 May 17 j 17:00	0° ♁	
	-3403 Nov 04 j 02:44	0° ♁			-3400 Jun 11 j 23:12	0° ♁	
	-3403 Nov 30 j 18:50	0° ♁			-3400 Jul 07 j 18:51	0° ♁	
	-3403 Dec 26 j 05:03	0° ♁		desc. node	-3400 Jul 19 j 19:22	13° ♁ 35'55	
	-3402 Jan 20 j 05:31	0° ♁			-3400 Aug 03 j 18:03	0° ♁	
desc. node	-3402 Feb 02 j 01:50	15° ♁ 28'38		evening max el	-3400 Aug 19 j 21:54	16° ♁ 44'55	47°13'14
	-3402 Feb 14 j 02:30	0° ♁			-3400 Sep 03 j 00:34	0° ♁	
	-3402 Mar 10 j 21:26	0° ♁		greatest brilliancy	-3400 Sep 28 j 07:42	17° ♁ 04'43	-4.7m
	-3402 Apr 04 j 14:13	0° ♁		retrograde	-3400 Oct 09 j 09:43	19° ♁ 22'43	
morning set	-3402 Apr 29 j 11:17	0° ♁ 21'33		evening set	-3400 Oct 24 j 06:56	14° ♁ 59'44	
	-3402 Apr 29 j 04:15	0° ♁		inferior conj	-3400 Oct 29 j 23:03	11° ♁ 38'16	-2°-44'-31
	-3402 May 23 j 14:56	0° ♁		minimum elong	-3400 Oct 30 j 05:01	11° ♁ 29'06	2°42'42
asc. node	-3402 May 25 j 23:33	2° ♁ 54'14		min. Earth dist.	-3400 Oct 29 j 18:44	11° ♁ 44'53	0.26367 AU
max. Earth dist.	-3402 May 31 j 18:12	10° ♁ 01'26	1.73231 AU	morning rise	-3400 Nov 05 j 03:19	8° ♁ 01'21	
				asc. node	-3400 Nov 09 j 17:47	5° ♁ 53'52	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3400 Nov 19 j 04:22	4° <u>2</u> 03'42	
greatest brilliancy	-3400 Nov 30 j 19:36	6° <u>2</u> 36'02	-4.7m

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3400 Jan 15 j 08:40	29° ♁ 15'07	-1°-13'-17	morning rise	-3398 Jun 08 j 17:12	9° ♁ 13'21	
minimum elong	-3400 Jan 14 j 23:23	28° ♁ 46'21	1°13'12	direct	-3398 Jun 24 j 06:00	4° ♁ 36'42	
	-3400 Jan 15 j 23:08	0° ♁		greatest brilliancy	-3398 Jul 08 j 23:51	8° ♁ 22'55	-4.5m
max. Earth dist.	-3400 Jan 19 j 09:05	4° ♁ 14'07	1.72455 AU		-3398 Aug 06 j 22:06	0° ♁	
	-3400 Feb 09 j 04:48	0° ♁		morning max el	-3398 Aug 13 j 00:52	5° ♁ 53'34	46°25'49
evening rise	-3400 Feb 23 j 09:38	17° ♁ 30'28			-3398 Sep 04 j 19:13	0° ♁	
	-3400 Mar 04 j 13:31	0° ♁		asc. node	-3398 Sep 14 j 20:59	11° ♁ 25'23	
	-3400 Mar 29 j 01:54	0° ♁			-3398 Sep 30 j 17:01	0° ♁	
asc. node	-3400 Mar 30 j 01:15	1° ♁ 11'12			-3398 Oct 25 j 11:18	0° ♁	
	-3400 Apr 22 j 18:42	0° ♁			-3398 Nov 18 j 18:41	0° ♁	
	-3400 May 17 j 17:00	0° ♁			-3398 Dec 12 j 23:28	0° ♁	
	-3400 Jun 11 j 23:12	0° ♁		desc. node	-3397 Jan 04 j 16:03	28° ♁ 05'06	
	-3400 Jul 07 j 18:51	0° ♁			-3397 Jan 06 j 05:15	0° ♁	
desc. node	-3400 Jul 19 j 19:22	13° ♁ 35'55			-3397 Jan 30 j 12:55	0° ♁	
	-3400 Aug 03 j 18:03	0° ♁		morning set	-3397 Feb 17 j 20:18	22° ♁ 31'46	
evening max el	-3400 Aug 19 j 21:54	16° ♁ 44'55	47°13'14		-3397 Feb 23 j 22:06	0° ♁	
	-3400 Sep 03 j 00:34	0° ♁			-3397 Mar 20 j 08:13	0° ♁	
greatest brilliancy	-3400 Sep 28 j 07:42	17° ♁ 04'43	-4.7m				
retrograde	-3400 Oct 09 j 09:43	19° ♁ 22'43		superior conj	-3397 Mar 27 j 06:12	8° ♁ 29'30	-1°-4'-22
evening set	-3400 Oct 24 j 06:56	14° ♁ 59'44		minimum elong	-3397 Mar 27 j 14:55	8° ♁ 56'14	1°04'09
inferior conj	-3400 Oct 29 j 23:03	11° ♁ 38'16	-2°-44'-31	max. Earth dist.	-3397 Mar 27 j 06:12	8° ♁ 29'30	1.73657 AU
minimum elong	-3400 Oct 30 j 05:01	11° ♁ 29'06	2°42'42		-3397 Apr 13 j 18:48	0° ♁	
min. Earth dist.	-3400 Oct 29 j 18:44	11° ♁ 44'53	0.26367 AU	asc. node	-3397 Apr 27 j 13:28	16° ♁ 54'40	
morning rise	-3400 Nov 05 j 03:19	8° ♁ 01'21		evening rise	-3397 May 02 j 12:38	23° ♁ 00'17	
asc. node	-3400 Nov 09 j 17:47	5° ♁ 53'52			-3397 May 08 j 05:27	0° ♁	
direct	-3400 Nov 19 j 04:22	4° ♁ 03'42			-3397 Jun 01 j 16:02	0° ♁	
greatest brilliancy	-3400 Nov 30 j 19:36	6° ♁ 36'02	-4.7m		-3397 Jun 26 j 03:06	0° ♁	
	-3399 Jan 01 j 13:35	0° ♁			-3397 Jul 20 j 16:04	0° ♁	
morning max el	-3399 Jan 08 j 05:51	6° ♁ 29'22	46°31'37		-3397 Aug 14 j 09:25	0° ♁	
	-3399 Jan 30 j 15:39	0° ♁		desc. node	-3397 Aug 17 j 07:29	3° ♁ 31'18	
	-3399 Feb 26 j 09:52	0° ♁			-3397 Sep 08 j 11:02	0° ♁	
desc. node	-3399 Mar 01 j 13:41	3° ♁ 37'17			-3397 Oct 04 j 05:12	0° ♁	
	-3399 Mar 24 j 07:00	0° ♁			-3397 Oct 31 j 17:01	0° ♁	
	-3399 Apr 18 j 16:16	0° ♁		evening max el	-3397 Oct 31 j 22:03	0° ♁ 12'54	47°23'56
	-3399 May 13 j 16:41	0° ♁			-3397 Dec 06 j 19:15	0° ♁	
	-3399 Jun 07 j 09:07	0° ♁		greatest brilliancy	-3397 Dec 08 j 01:52	0° ♁ 38'37	-4.6m
asc. node	-3399 Jun 22 j 11:31	18° ♁ 32'42		asc. node	-3397 Dec 08 j 05:21	0° ♁ 42'51	
	-3399 Jul 01 j 18:02	0° ♁		retrograde	-3397 Dec 22 j 01:28	4° ♁ 17'45	
morning set	-3399 Jul 05 j 16:58	4° ♁ 54'11			-3396 Jan 05 j 13:08	30° ♁	
	-3399 Jul 25 j 20:27	0° ♁		evening set	-3396 Jan 07 j 08:22	28° ♁ 57'56	
max. Earth dist.	-3399 Aug 08 j 11:44	17° ♁ 05'09	1.71570 AU	min. Earth dist.	-3396 Jan 11 j 01:21	26° ♁ 40'28	0.28019 AU
				inferior conj	-3396 Jan 12 j 02:09	26° ♁ 01'06	7°10'26
superior conj	-3399 Aug 11 j 22:12	21° ♁ 24'02	1°23'08	minimum elong	-3396 Jan 11 j 17:40	26° ♁ 14'35	7°08'58
minimum elong	-3399 Aug 11 j 19:23	21° ♁ 15'09	1°23'14	morning rise	-3396 Jan 16 j 03:30	23° ♁ 29'50	
	-3399 Aug 18 j 18:27	0° ♁		direct	-3396 Feb 01 j 22:46	17° ♁ 58'09	
	-3399 Sep 11 j 14:40	0° ♁		greatest brilliancy	-3396 Feb 12 j 16:38	20° ♁ 05'18	-4.5m
evening rise	-3399 Sep 20 j 03:56	10° ♁ 45'33			-3396 Feb 29 j 20:17	0° ♁	
	-3399 Oct 05 j 11:28	0° ♁		morning max el	-3396 Mar 21 j 21:49	18° ♁ 10'28	45°55'36
desc. node	-3399 Oct 12 j 05:54	8° ♁ 29'25		desc. node	-3396 Mar 29 j 01:12	25° ♁ 09'43	
	-3399 Oct 29 j 10:26	0° ♁			-3396 Apr 02 j 19:55	0° ♁	
	-3399 Nov 22 j 12:42	0° ♁			-3396 Apr 30 j 18:03	0° ♁	
	-3399 Dec 16 j 20:12	0° ♁			-3396 May 27 j 01:13	0° ♁	
	-3398 Jan 10 j 13:04	0° ♁			-3396 Jun 21 j 10:45	0° ♁	
asc. node	-3398 Feb 02 j 02:57	26° ♁ 42'10			-3396 Jul 16 j 04:56	0° ♁	
	-3398 Feb 04 j 23:12	0° ♁		asc. node	-3396 Jul 19 j 23:34	4° ♁ 37'52	
	-3398 Mar 03 j 18:55	0° ♁			-3396 Aug 09 j 11:32	0° ♁	
evening max el	-3398 Mar 25 j 00:03	21° ♁ 37'22	45°09'10	greatest brilliancy	-3396 Aug 15 j 18:29	7° ♁ 50'53	-3.9m
	-3398 Apr 03 j 03:38	0° ♁			-3396 Sep 02 j 10:15	0° ♁	
greatest brilliancy	-3398 Apr 28 j 16:47	17° ♁ 39'08	-4.5m	morning set	-3396 Sep 15 j 09:03	16° ♁ 19'18	
retrograde	-3398 May 12 j 06:05	20° ♁ 50'54			-3396 Sep 26 j 05:05	0° ♁	
desc. node	-3398 May 24 j 22:06	17° ♁ 45'13			-3396 Oct 19 j 23:26	0° ♁	
evening set	-3398 May 27 j 03:25	16° ♁ 38'18					
inferior conj	-3398 Jun 02 j 15:06	12° ♁ 50'32	-2°-1'-7	superior conj	-3396 Oct 26 j 01:55	7° ♁ 41'31	0°31'20
minimum elong	-3398 Jun 02 j 10:41	12° ♁ 57'18	1°59'48	minimum elong	-3396 Oct 26 j 09:54	8° ♁ 06'40	0°30'57
min. Earth dist.	-3398 Jun 03 j 03:02	12° ♁ 32'09	0.28588 AU	max. Earth dist.	-3396 Oct 29 j 14:17	12° ♁ 07'11	1.70978 AU

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3396 Nov 08 j 18:01	24°♄53'45	greatest brilliancy	-3393 Apr 26 j 13:48	28°♁49'10	-4.5m
	-3396 Nov 12 j 19:33	0°♌	desc. node	-3393 Apr 26 j 12:33	28°♁47'49	
	-3396 Dec 06 j 18:29	0°♊		-3393 Apr 29 j 02:49	0°♋	
evening rise	-3396 Dec 07 j 14:01	1°♊00'59	morning max el	-3393 Jun 01 j 09:12	25°♋39'17	45°51'40
	-3396 Dec 30 j 20:50	0°♊		-3393 Jun 05 j 20:33	0°♎	
	-3395 Jan 24 j 03:41	0°♋		-3393 Jul 04 j 05:50	0°♏	
	-3395 Feb 17 j 17:12	0°♌		-3393 Jul 30 j 08:45	0°♐	
asc. node	-3395 Mar 01 j 15:09	14°♌23'03	asc. node	-3393 Aug 17 j 11:25	21°♐39'27	
	-3395 Mar 14 j 16:42	0°♎		-3393 Aug 24 j 08:04	0°♑	
	-3395 Apr 09 j 07:14	0°♏		-3393 Sep 17 j 15:14	0°♒	
	-3395 May 05 j 22:41	0°♐		-3393 Oct 11 j 14:00	0°♓	
	-3395 Jun 03 j 20:34	0°♑		-3393 Nov 04 j 10:12	0°♈	
evening max el	-3395 Jun 04 j 17:48	0°♑51'00	45°44'59	-3393 Nov 28 j 07:30	0°♉	
desc. node	-3395 Jun 21 j 09:47	15°♑36'40	morning set	-3393 Dec 02 j 04:23	4°♉50'59	
greatest brilliancy	-3395 Jul 13 j 00:49	28°♑53'28	-4.6m	desc. node	-3393 Dec 07 j 06:07	11°♉11'54
	-3395 Jul 16 j 12:56	0°♒		-3393 Dec 22 j 07:26	0°♊	
retrograde	-3395 Jul 23 j 21:13	0°♒59'19				
	-3395 Jul 30 j 23:22	30°♒	superior conj	-3392 Jan 12 j 20:53	26°♊49'41	-1°-11'-26
evening set	-3395 Aug 10 j 15:42	25°♒07'52	minimum elong	-3392 Jan 12 j 11:06	26°♊19'20	1°11'19
inferior conj	-3395 Aug 13 j 18:33	23°♒15'41	-8°-51'-19	-3392 Jan 15 j 10:13	0°♋	
minimum elong	-3395 Aug 13 j 16:08	23°♒19'21	8°51'07	max. Earth dist.	-3392 Jan 16 j 22:55	1°♋53'52
min. Earth dist.	-3395 Aug 14 j 04:13	23°♒01'01	0.27356 AU	-3392 Feb 08 j 15:49	0°♌	
morning rise	-3395 Aug 16 j 16:27	21°♒30'37		-3392 Feb 21 j 00:50	15°♌15'34	
direct	-3395 Sep 03 j 16:46	15°♒26'20		-3392 Mar 04 j 00:33	0°♍	
greatest brilliancy	-3395 Sep 17 j 07:35	18°♒50'25	-4.7m	-3392 Mar 28 j 13:05	0°♎	
	-3395 Oct 04 j 04:32	0°♒		asc. node	-3392 Mar 29 j 03:19	0°♎43'21
asc. node	-3395 Oct 12 j 08:24	7°♒06'07		-3392 Apr 22 j 06:14	0°♏	
morning max el	-3395 Oct 24 j 12:18	18°♒58'38	46°52'41	-3392 May 17 j 05:10	0°♐	
	-3395 Nov 03 j 22:42	0°♑		-3392 Jun 11 j 12:25	0°♑	
	-3395 Nov 30 j 10:33	0°♒		-3392 Jul 07 j 09:57	0°♒	
	-3395 Dec 25 j 18:54	0°♓		desc. node	-3392 Jul 18 j 21:35	12°♒56'09
	-3394 Jan 19 j 18:17	0°♊		-3392 Aug 03 j 13:10	0°♓	
desc. node	-3394 Feb 01 j 04:03	14°♊58'04		evening max el	-3392 Aug 17 j 10:11	14°♓17'27
	-3394 Feb 13 j 14:33	0°♋		-3392 Sep 03 j 10:04	0°♈	
	-3394 Mar 10 j 08:59	0°♌		greatest brilliancy	-3392 Sep 25 j 22:37	14°♈37'38
	-3394 Apr 04 j 01:25	0°♍		retrograde	-3392 Oct 06 j 21:40	16°♈53'10
morning set	-3394 Apr 27 j 06:14	28°♍19'02		evening set	-3392 Oct 21 j 21:30	12°♈27'16
	-3394 Apr 28 j 15:15	0°♎		inferior conj	-3392 Oct 27 j 11:26	9°♈09'30
	-3394 May 23 j 01:53	0°♏		minimum elong	-3392 Oct 27 j 18:10	8°♈59'11
asc. node	-3394 May 25 j 01:34	2°♏26'48		min. Earth dist.	-3392 Oct 27 j 08:49	9°♈13'31
max. Earth dist.	-3394 May 29 j 12:46	7°♏57'01	1.73272 AU	morning rise	-3392 Nov 02 j 14:53	5°♈33'48
				asc. node	-3392 Nov 08 j 19:46	2°♈51'37
superior conj	-3394 Jun 02 j 03:25	12°♏24'12	0°18'52	direct	-3392 Nov 16 j 16:14	1°♈34'47
minimum elong	-3394 Jun 01 j 23:46	12°♏12'55	0°18'46	greatest brilliancy	-3392 Nov 28 j 10:52	4°♈10'36
	-3394 Jun 16 j 09:00	0°♐		-3391 Jan 01 j 15:20	0°♉	
evening rise	-3394 Jul 07 j 21:56	26°♐43'53		morning max el	-3391 Jan 05 j 19:17	4°♉05'27
	-3394 Jul 10 j 13:00	0°♑		-3391 Jan 30 j 08:49	0°♊	
	-3394 Aug 03 j 15:13	0°♒		-3391 Feb 26 j 00:02	0°♋	
	-3394 Aug 27 j 17:35	0°♓		desc. node	-3391 Feb 28 j 15:47	3°♋03'09
desc. node	-3394 Sep 13 j 19:44	21°♓12'47		-3391 Mar 23 j 19:41	0°♌	
	-3394 Sep 20 j 22:04	0°♈		-3391 Apr 18 j 04:06	0°♍	
	-3394 Oct 15 j 06:38	0°♉		-3391 May 13 j 04:00	0°♎	
	-3394 Nov 08 j 22:38	0°♊		-3391 Jun 06 j 20:08	0°♏	
	-3394 Dec 04 j 05:56	0°♋		asc. node	-3391 Jun 21 j 13:42	18°♏05'49
	-3394 Dec 31 j 01:27	0°♌		-3391 Jul 01 j 04:55	0°♐	
asc. node	-3393 Jan 04 j 17:11	4°♌53'26		morning set	-3391 Jul 03 j 10:03	2°♐44'35
evening max el	-3393 Jan 10 j 21:48	11°♌11'22	46°04'27	-3391 Jul 25 j 07:20	0°♑	
	-3393 Jan 31 j 22:34	0°♍		max. Earth dist.	-3391 Aug 06 j 01:50	14°♑44'31
greatest brilliancy	-3393 Feb 14 j 11:39	8°♍40'43	-4.5m			
retrograde	-3393 Mar 01 j 08:10	12°♍35'11		superior conj	-3391 Aug 09 j 13:22	19°♑06'36
evening set	-3393 Mar 18 j 09:43	6°♍59'27		minimum elong	-3391 Aug 09 j 09:48	18°♑55'22
inferior conj	-3393 Mar 22 j 19:03	4°♍15'08	6°46'43	-3391 Aug 18 j 05:25	0°♒	
minimum elong	-3393 Mar 23 j 03:33	4°♍01'36	6°45'17	-3391 Sep 11 j 01:45	0°♓	
min. Earth dist.	-3393 Mar 23 j 03:18	4°♍02'00	0.29296 AU	evening rise	-3391 Sep 17 j 15:01	8°♓14'33
morning rise	-3393 Mar 27 j 21:26	1°♎05'29		-3391 Oct 04 j 22:41	0°♈	
	-3393 Mar 29 j 19:56	30°♎		desc. node	-3391 Oct 11 j 07:55	8°♈00'30
direct	-3393 Apr 13 j 12:23	25°♎49'50		-3391 Oct 28 j 21:46	0°♉	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3391 Nov 22 j 00:13	0°♊					-3388 May 26 j 13:53	0°♑			
	-3391 Dec 16 j 08:02	0°♎					-3388 Jun 20 j 22:32	0°♏			
	-3390 Jan 10 j 01:32	0°♌					-3388 Jul 15 j 16:15	0°♍			
asc. node	-3390 Feb 01 j 05:05	26°♌09'06				asc. node	-3388 Jul 19 j 01:45	4°♍09'59			
	-3390 Feb 04 j 12:57	0°♏					-3388 Aug 08 j 22:37	0°♎			
	-3390 Mar 03 j 11:44	0°♑				greatest brilliancy	-3388 Aug 17 j 07:49	10°♎28'08	-3.9m		
evening max el	-3390 Mar 22 j 16:06	19°♑28'00	45°09'39				-3388 Sep 01 j 21:15	0°♏			
	-3390 Apr 03 j 07:48	0°♏				morning set	-3388 Sep 12 j 21:28	13°♏52'30			
greatest brilliancy	-3390 Apr 26 j 05:35	15°♏26'17	-4.5m				-3388 Sep 25 j 16:04	0°♐			
retrograde	-3390 May 09 j 22:13	18°♏41'14					-3388 Oct 19 j 10:26	0°♑			
desc. node	-3390 May 24 j 00:11	14°♏52'55									
evening set	-3390 May 24 j 18:59	14°♏28'21				superior conj	-3388 Oct 23 j 11:02	5°♑04'21	0°35'01		
inferior conj	-3390 May 31 j 06:48	10°♏39'58	-1°-41'-19			minimum elong	-3388 Oct 23 j 19:45	5°♑31'48	0°34'37		
minimum elong	-3390 May 31 j 03:06	10°♏45'40	1°40'11			max. Earth dist.	-3388 Oct 26 j 20:42	9°♑21'34	1.70956 AU		
min. Earth dist.	-3390 May 31 j 18:45	10°♏21'35	0.28626 AU			desc. node	-3388 Nov 07 j 20:08	24°♑25'41			
morning rise	-3390 Jun 06 j 10:35	7°♏00'41					-3388 Nov 12 j 06:36	0°♒			
direct	-3390 Jun 21 j 22:34	2°♏25'28				evening rise	-3388 Dec 04 j 23:36	28°♒26'26			
greatest brilliancy	-3390 Jul 06 j 16:26	6°♏12'21	-4.5m				-3388 Dec 06 j 05:34	0°♊			
	-3390 Aug 06 j 22:18	0°♍					-3388 Dec 30 j 07:57	0°♎			
morning max el	-3390 Aug 10 j 17:10	3°♍40'50	46°24'22				-3387 Jan 23 j 14:54	0°♌			
	-3390 Sep 04 j 11:37	0°♎					-3387 Feb 17 j 04:41	0°♏			
asc. node	-3390 Sep 13 j 23:03	10°♎47'31				asc. node	-3387 Feb 28 j 17:14	13°♏54'05			
	-3390 Sep 30 j 06:55	0°♏					-3387 Mar 14 j 04:47	0°♑			
	-3390 Oct 25 j 00:03	0°♐					-3387 Apr 08 j 20:35	0°♏			
	-3390 Nov 18 j 06:47	0°♑					-3387 May 05 j 14:42	0°♍			
	-3390 Dec 12 j 11:05	0°♒				evening max el	-3387 Jun 02 j 07:33	28°♒33'01	45°42'15		
desc. node	-3389 Jan 03 j 18:17	27°♒37'07					-3387 Jun 03 j 20:07	0°♎			
	-3389 Jan 05 j 16:31	0°♊				desc. node	-3387 Jun 20 j 12:01	14°♎29'42			
	-3389 Jan 29 j 23:55	0°♎				greatest brilliancy	-3387 Jul 10 j 12:50	26°♎31'21	-4.5m		
morning set	-3389 Feb 15 j 11:24	20°♎17'10				retrograde	-3387 Jul 21 j 09:14	28°♎37'20			
	-3389 Feb 23 j 08:55	0°♌				evening set	-3387 Aug 08 j 02:09	22°♎49'50			
	-3389 Mar 19 j 18:56	0°♏				inferior conj	-3387 Aug 11 j 07:44	20°♎53'34	-8°-47'-41		
						minimum elong	-3387 Aug 11 j 04:24	20°♎58'37	8°47'26		
superior conj	-3389 Mar 25 j 00:03	6°♏24'07	-1°-6'-19			min. Earth dist.	-3387 Aug 11 j 17:23	20°♎38'54	0.27403 AU		
minimum elong	-3389 Mar 25 j 08:40	6°♏50'35	1°06'09			morning rise	-3387 Aug 14 j 06:31	19°♎06'59			
max. Earth dist.	-3389 Mar 25 j 04:42	6°♏38'24	1.73643 AU			direct	-3387 Sep 01 j 06:25	13°♎03'27			
	-3389 Apr 13 j 05:29	0°♑				greatest brilliancy	-3387 Sep 14 j 22:26	16°♎27'59	-4.7m		
asc. node	-3389 Apr 26 j 15:32	16°♑28'06					-3387 Oct 04 j 15:23	0°♏			
evening rise	-3389 Apr 30 j 07:55	20°♑59'16				asc. node	-3387 Oct 11 j 10:29	6°♏05'28			
greatest brilliancy	-3389 Apr 30 j 09:34	21°♑04'18	-3.9m			morning max el	-3387 Oct 22 j 00:30	16°♏29'27	46°52'24		
	-3389 May 07 j 16:13	0°♏					-3387 Nov 03 j 17:43	0°♐			
	-3389 Jun 01 j 03:02	0°♍					-3387 Nov 30 j 01:40	0°♑			
	-3389 Jun 25 j 14:28	0°♎					-3387 Dec 25 j 08:18	0°♒			
	-3389 Jul 20 j 04:01	0°♏					-3386 Jan 19 j 06:42	0°♊			
	-3389 Aug 13 j 22:10	0°♐				desc. node	-3386 Jan 31 j 06:06	14°♊27'55			
desc. node	-3389 Aug 16 j 09:35	2°♐58'51					-3386 Feb 13 j 02:17	0°♎			
	-3389 Sep 08 j 01:02	0°♑					-3386 Mar 09 j 20:14	0°♌			
	-3389 Oct 03 j 21:31	0°♒					-3386 Apr 03 j 12:19	0°♏			
evening max el	-3389 Oct 29 j 14:47	27°♒56'43	47°25'36			morning set	-3386 Apr 25 j 01:15	26°♏17'34			
	-3389 Oct 31 j 15:18	0°♊					-3386 Apr 28 j 01:58	0°♑			
greatest brilliancy	-3389 Dec 05 j 19:13	28°♊22'06	-4.7m				-3386 May 22 j 12:33	0°♏			
asc. node	-3389 Dec 07 j 07:38	29°♊04'21				asc. node	-3386 May 24 j 03:49	2°♏00'52			
	-3389 Dec 09 j 14:05	0°♎				max. Earth dist.	-3386 May 27 j 08:26	5°♏56'52	1.73316 AU		
retrograde	-3389 Dec 19 j 17:47	1°♎59'19									
	-3389 Dec 29 j 10:41	30°♒♊				superior conj	-3386 May 30 j 22:26	10°♏21'55	0°15'52		
evening set	-3388 Jan 04 j 20:43	26°♊44'34				minimum elong	-3386 May 30 j 19:20	10°♏12'22	0°15'49		
min. Earth dist.	-3388 Jan 08 j 15:39	24°♊24'16	0.27939 AU			behind sun begin	-3386 May 30 j 18:35	10°♏10'02			
inferior conj	-3388 Jan 09 j 17:21	23°♊43'29	6°59'27			behind sun end	-3386 May 30 j 20:06	10°♏14'43			
minimum elong	-3388 Jan 09 j 08:34	23°♊57'27	6°57'51				-3386 Jun 15 j 19:44	0°♍			
morning rise	-3388 Jan 13 j 21:02	21°♊09'02				evening rise	-3386 Jul 05 j 16:01	24°♍37'10			
direct	-3388 Jan 30 j 13:43	15°♊42'02					-3386 Jul 09 j 23:54	0°♎			
greatest brilliancy	-3388 Feb 10 j 04:58	17°♊47'20	-4.5m				-3386 Aug 03 j 02:21	0°♏			
	-3388 Mar 01 j 09:35	0°♎					-3386 Aug 27 j 05:02	0°♐			
morning max el	-3388 Mar 19 j 13:23	15°♎58'58	45°56'23			desc. node	-3386 Sep 12 j 21:44	20°♐42'42			
desc. node	-3388 Mar 28 j 03:16	24°♎25'00					-3386 Sep 20 j 09:54	0°♑			
	-3388 Apr 02 j 14:29	0°♌					-3386 Oct 14 j 19:00	0°♒			
	-3388 Apr 30 j 08:28	0°♏					-3386 Nov 08 j 11:49	0°♊			

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3386 Dec 03 j 20:39	0°☾				-3383 May 12 j 15:23	0°☿		
	-3386 Dec 30 j 20:02	0°♊				-3383 Jun 06 j 07:14	0°♈		
asc. node	-3385 Jan 03 j 19:20	4°♊08'07			asc. node	-3383 Jun 20 j 15:53	17°♈38'41		
evening max el	-3385 Jan 08 j 11:59	8°♊53'39	46°07'22			-3383 Jun 30 j 15:52	0°♊		
	-3385 Feb 01 j 12:57	0°♋			morning set	-3383 Jul 01 j 03:30	0°♊36'00		
greatest brilliancy	-3385 Feb 12 j 04:24	6°♋32'09	-4.5m			-3383 Jul 24 j 18:16	0°♌		
retrograde	-3385 Feb 27 j 00:48	10°♋27'45			max. Earth dist.	-3383 Aug 03 j 16:15	12°♌24'48	1.71682 AU	
evening set	-3385 Mar 16 j 05:01	4°♋48'08							
inferior conj	-3385 Mar 20 j 12:04	2°♋07'20	6°57'17		superior conj	-3383 Aug 07 j 04:53	16°♌50'10	1°21'49	
minimum elong	-3385 Mar 20 j 20:18	1°♋54'12	6°55'59		minimum elong	-3383 Aug 07 j 00:37	16°♌36'47	1°21'54	
min. Earth dist.	-3385 Mar 20 j 19:48	1°♋54'59	0.29290 AU			-3383 Aug 17 j 16:26	0°♍		
	-3385 Mar 23 j 20:52	30°♌♊				-3383 Sep 10 j 12:56	0°♎		
morning rise	-3385 Mar 25 j 11:35	29°♌01'40			evening rise	-3383 Sep 15 j 02:20	5°♎44'00		
direct	-3385 Apr 11 j 04:26	23°♌42'02				-3383 Oct 04 j 10:03	0°♏		
greatest brilliancy	-3385 Apr 24 j 04:51	26°♌39'46	-4.5m		desc. node	-3383 Oct 10 j 10:03	7°♏31'26		
desc. node	-3385 Apr 25 j 14:40	27°♌17'37				-3383 Oct 28 j 09:18	0°♐		
	-3385 Apr 30 j 17:50	0°♋				-3383 Nov 21 j 11:58	0°♑		
morning max el	-3385 May 30 j 00:41	23°♋28'36	45°51'12			-3383 Dec 15 j 20:08	0°☾		
	-3385 Jun 05 j 16:47	0°☿				-3382 Jan 09 j 14:17	0°♊		
	-3385 Jul 03 j 20:50	0°♈			asc. node	-3382 Jan 31 j 07:10	25°♊35'02		
	-3385 Jul 29 j 21:50	0°♊				-3382 Feb 04 j 03:03	0°♋		
asc. node	-3385 Aug 16 j 13:29	21°♊08'17				-3382 Mar 03 j 05:09	0°☿		
	-3385 Aug 23 j 20:15	0°♌			evening max el	-3382 Mar 20 j 08:30	17°☿18'48	45°10'12	
	-3385 Sep 17 j 02:57	0°♍				-3382 Apr 03 j 14:17	0°♈		
	-3385 Oct 11 j 01:29	0°♎			greatest brilliancy	-3382 Apr 23 j 19:39	13°♈14'21	-4.5m	
	-3385 Nov 03 j 21:31	0°♏			retrograde	-3382 May 07 j 14:09	16°♈30'43		
	-3385 Nov 27 j 18:42	0°♐			evening set	-3382 May 22 j 10:45	12°♈17'40		
morning set	-3385 Nov 29 j 13:55	2°♐15'29			desc. node	-3382 May 23 j 02:27	11°♈56'24		
desc. node	-3385 Dec 06 j 08:20	10°♐43'59			inferior conj	-3382 May 28 j 22:29	8°♈28'45	-1°-21'-24	
	-3385 Dec 21 j 18:30	0°♑			minimum elong	-3382 May 28 j 19:30	8°♈33'22	1°20'29	
					min. Earth dist.	-3382 May 29 j 10:25	8°♈10'22	0.28661 AU	
superior conj	-3384 Jan 10 j 08:49	24°♑23'38	-1°-9'-25		morning rise	-3382 Jun 04 j 03:43	4°♈47'22		
minimum elong	-3384 Jan 09 j 22:36	23°♑51'53	1°09'17		direct	-3382 Jun 19 j 15:14	0°♈13'45		
max. Earth dist.	-3384 Jan 14 j 11:16	29°♑29'11	1.72337 AU		greatest brilliancy	-3382 Jul 04 j 07:48	3°♈59'37	-4.5m	
	-3384 Jan 14 j 21:12	0°☾				-3382 Aug 06 j 21:40	0°♊		
	-3384 Feb 08 j 02:45	0°♊			morning max el	-3382 Aug 08 j 09:00	1°♊26'36	46°23'02	
evening rise	-3384 Feb 18 j 15:57	13°♊00'32				-3382 Sep 04 j 03:54	0°♌		
	-3384 Mar 03 j 11:32	0°♋			asc. node	-3382 Sep 13 j 01:13	10°♌09'49		
asc. node	-3384 Mar 28 j 05:25	0°☿15'46				-3382 Sep 29 j 20:51	0°♍		
	-3384 Mar 28 j 00:15	0°☿				-3382 Oct 24 j 12:54	0°♎		
	-3384 Apr 21 j 17:45	0°♈				-3382 Nov 17 j 19:02	0°♏		
	-3384 May 16 j 17:19	0°♊				-3382 Dec 11 j 22:57	0°♐		
	-3384 Jun 11 j 01:39	0°♌			desc. node	-3381 Jan 02 j 20:19	27°♐07'34		
	-3384 Jul 07 j 01:11	0°♍				-3381 Jan 05 j 04:05	0°♑		
desc. node	-3384 Jul 17 j 23:37	12°♍15'37				-3381 Jan 29 j 11:14	0°☾		
	-3384 Aug 03 j 08:49	0°♎			morning set	-3381 Feb 13 j 02:00	18°☾00'02		
evening max el	-3384 Aug 14 j 22:37	11°♎50'29	47°08'26			-3381 Feb 22 j 20:02	0°♊		
	-3384 Sep 03 j 22:57	0°♏				-3381 Mar 19 j 05:56	0°♋		
greatest brilliancy	-3384 Sep 23 j 12:18	12°♏08'23	-4.7m						
retrograde	-3384 Oct 04 j 09:48	14°♏22'35			superior conj	-3381 Mar 22 j 17:29	4°♋16'35	-1°-8'-13	
evening set	-3384 Oct 19 j 11:58	9°♏53'15			minimum elong	-3381 Mar 23 j 01:59	4°♋42'38	1°08'04	
inferior conj	-3384 Oct 24 j 23:30	6°♏39'21	-3°-30'-34		max. Earth dist.	-3381 Mar 23 j 04:04	4°♋49'03	1.73623 AU	
minimum elong	-3384 Oct 25 j 06:58	6°♏27'57	3°28'22			-3381 Apr 12 j 16:27	0°☿		
min. Earth dist.	-3384 Oct 24 j 22:17	6°♏41'12	0.26360 AU		asc. node	-3381 Apr 25 j 17:44	16°☿01'02		
morning rise	-3384 Oct 31 j 01:57	3°♏05'28			evening rise	-3381 Apr 28 j 02:58	18°☿56'36		
asc. node	-3384 Nov 07 j 22:04	29°♐53'35			greatest brilliancy	-3381 Apr 30 j 04:20	21°☿28'01	-3.9m	
	-3384 Nov 07 j 12:33	30°♐♎				-3381 May 07 j 03:17	0°♈		
direct	-3384 Nov 14 j 04:20	29°♐04'27				-3381 May 31 j 14:21	0°♊		
	-3384 Nov 21 j 01:16	0°♏				-3381 Jun 25 j 02:11	0°♌		
greatest brilliancy	-3384 Nov 26 j 01:39	1°♏43'37	-4.7m			-3381 Jul 19 j 16:17	0°♍		
	-3383 Jan 01 j 16:00	0°♐				-3381 Aug 13 j 11:14	0°♎		
morning max el	-3383 Jan 03 j 09:18	1°♐42'28	46°34'19		desc. node	-3381 Aug 15 j 11:39	2°♎25'30		
	-3383 Jan 30 j 01:43	0°♑				-3381 Sep 07 j 15:23	0°♏		
	-3383 Feb 25 j 14:08	0°☾				-3381 Oct 03 j 14:20	0°♐		
desc. node	-3383 Feb 27 j 17:52	2°☾29'02			evening max el	-3381 Oct 27 j 07:04	25°♐38'31	47°26'57	
	-3383 Mar 23 j 08:22	0°♊				-3381 Oct 31 j 14:48	0°♑		
	-3383 Apr 17 j 15:58	0°♋			greatest brilliancy	-3381 Dec 03 j 13:13	26°♑05'06	-4.7m	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3381 Dec 06 j 09:44	27°♂20'44		superior conj	-3378 May 28 j 17:17	8°♂18'14	0°12'52
retrograde	-3381 Dec 17 j 09:30	29°♂39'03		minimum elong	-3378 May 28 j 14:46	8°♂10'28	0°12'48
evening set	-3380 Jan 02 j 08:57	24°♂29'36		behind sun begin	-3378 May 28 j 01:38	7°♂30'00	
min. Earth dist.	-3380 Jan 06 j 06:07	22°♂05'56	0.27862 AU	behind sun end	-3378 May 29 j 03:54	8°♂50'57	
inferior conj	-3380 Jan 07 j 08:24	21°♂24'13	6°47'41		-3378 Jun 15 j 06:46	0°♂	
minimum elong	-3380 Jan 06 j 23:22	21°♂38'34	6°45'56	evening rise	-3378 Jul 03 j 10:06	22°♂29'41	
morning rise	-3380 Jan 11 j 14:28	18°♂46'15			-3378 Jul 09 j 11:05	0°♂	
direct	-3380 Jan 28 j 04:26	13°♂24'18			-3378 Aug 02 j 13:48	0°♂	
greatest brilliancy	-3380 Feb 07 j 17:36	15°♂27'51	-4.5m		-3378 Aug 26 j 16:48	0°♂	
	-3380 Mar 01 j 20:08	0°♂		desc. node	-3378 Sep 11 j 23:53	20°♂12'02	
morning max el	-3380 Mar 17 j 03:57	13°♂43'32	45°57'10		-3378 Sep 19 j 22:05	0°♂	
desc. node	-3380 Mar 27 j 05:25	23°♂39'56			-3378 Oct 14 j 07:44	0°♂	
	-3380 Apr 02 j 09:03	0°♂			-3378 Nov 08 j 01:20	0°♂	
	-3380 Apr 29 j 23:06	0°♂			-3378 Dec 03 j 11:45	0°♂	
	-3380 May 26 j 02:49	0°♂			-3378 Dec 30 j 15:16	0°♂	
	-3380 Jun 20 j 10:37	0°♂		asc. node	-3377 Jan 02 j 21:22	3°♂21'28	
	-3380 Jul 15 j 03:53	0°♂		evening max el	-3377 Jan 06 j 02:21	6°♂35'57	46°10'25
asc. node	-3380 Jul 18 j 03:42	3°♂40'24			-3377 Feb 02 j 08:33	0°♂	
	-3380 Aug 08 j 10:02	0°♂		greatest brilliancy	-3377 Feb 09 j 20:13	4°♂22'04	-4.5m
greatest brilliancy	-3380 Aug 18 j 15:18	12°♂46'11	-3.9m	retrograde	-3377 Feb 24 j 18:01	8°♂20'16	
	-3380 Sep 01 j 08:35	0°♂		evening set	-3377 Mar 14 j 00:23	2°♂36'37	
morning set	-3380 Sep 10 j 10:09	11°♂25'30		inferior conj	-3377 Mar 18 j 05:13	29°♂59'13	7°07'16
	-3380 Sep 25 j 03:21	0°♂		minimum elong	-3377 Mar 18 j 13:09	29°♂46'35	7°06'05
	-3380 Oct 18 j 21:43	0°♂			-3377 Mar 18 j 04:44	30°♂	
				min. Earth dist.	-3377 Mar 18 j 12:09	29°♂48'12	0.29287 AU
superior conj	-3380 Oct 20 j 20:40	2°♂27'58	0°38'35	morning rise	-3377 Mar 23 j 01:56	26°♂57'47	
minimum elong	-3380 Oct 21 j 06:02	2°♂57'28	0°38'11	direct	-3377 Apr 08 j 20:47	21°♂33'53	
max. Earth dist.	-3380 Oct 24 j 00:48	6°♂27'47	1.70932 AU	greatest brilliancy	-3377 Apr 21 j 20:50	24°♂31'10	-4.5m
desc. node	-3380 Nov 06 j 22:19	23°♂57'04		desc. node	-3377 Apr 24 j 16:52	25°♂50'10	
	-3380 Nov 11 j 17:53	0°♂			-3377 May 01 j 21:20	0°♂	
evening rise	-3380 Dec 02 j 09:22	25°♂51'34		morning max el	-3377 May 27 j 17:07	21°♂19'34	45°50'41
	-3380 Dec 05 j 16:54	0°♂			-3377 Jun 05 j 12:41	0°♂	
	-3380 Dec 29 j 19:20	0°♂			-3377 Jul 03 j 11:56	0°♂	
	-3379 Jan 23 j 02:25	0°♂			-3377 Jul 29 j 11:04	0°♂	
	-3379 Feb 16 j 16:31	0°♂		asc. node	-3377 Aug 15 j 15:40	20°♂36'53	
asc. node	-3379 Feb 27 j 19:19	13°♂23'59			-3377 Aug 23 j 08:36	0°♂	
	-3379 Mar 13 j 17:19	0°♂			-3377 Sep 16 j 14:51	0°♂	
	-3379 Apr 08 j 10:26	0°♂			-3377 Oct 10 j 13:08	0°♂	
	-3379 May 05 j 07:26	0°♂			-3377 Nov 03 j 09:03	0°♂	
evening max el	-3379 May 30 j 20:21	26°♂11'45	45°39'40	morning set	-3377 Nov 26 j 23:33	29°♂39'30	
	-3379 Jun 03 j 21:17	0°♂			-3377 Nov 27 j 06:06	0°♂	
desc. node	-3379 Jun 19 j 14:02	13°♂19'21		desc. node	-3377 Dec 05 j 10:19	10°♂14'38	
greatest brilliancy	-3379 Jul 08 j 00:34	24°♂07'57	-4.5m		-3377 Dec 21 j 05:47	0°♂	
retrograde	-3379 Jul 18 j 21:19	26°♂14'41					
evening set	-3379 Aug 05 j 12:12	20°♂31'17		superior conj	-3376 Jan 07 j 20:49	21°♂57'06	-1°-7'-17
inferior conj	-3379 Aug 08 j 20:54	18°♂30'32	-8°-43'-9	minimum elong	-3376 Jan 07 j 10:12	21°♂24'07	1°07'06
minimum elong	-3379 Aug 08 j 16:41	18°♂36'56	8°42'48	max. Earth dist.	-3376 Jan 11 j 22:54	27°♂01'45	1.72275 AU
min. Earth dist.	-3379 Aug 09 j 06:42	18°♂15'38	0.27451 AU		-3376 Jan 14 j 08:20	0°♂	
morning rise	-3379 Aug 11 j 20:58	16°♂41'57			-3376 Feb 07 j 13:50	0°♂	
direct	-3379 Aug 29 j 19:43	10°♂39'21		evening rise	-3376 Feb 16 j 07:16	10°♂45'51	
greatest brilliancy	-3379 Sep 12 j 14:25	14°♂06'01	-4.6m		-3376 Mar 02 j 22:38	0°♂	
	-3379 Oct 04 j 23:51	0°♂		asc. node	-3376 Mar 27 j 07:38	29°♂48'08	
asc. node	-3379 Oct 10 j 12:41	5°♂05'25			-3376 Mar 27 j 11:32	0°♂	
morning max el	-3379 Oct 19 j 12:55	13°♂05'45	46°52'22		-3376 Apr 21 j 05:25	0°♂	
	-3379 Nov 03 j 12:34	0°♂			-3376 May 16 j 05:39	0°♂	
	-3379 Nov 29 j 16:53	0°♂			-3376 Jun 10 j 15:10	0°♂	
	-3379 Dec 24 j 21:51	0°♂			-3376 Jul 06 j 16:50	0°♂	
	-3378 Jan 18 j 19:16	0°♂		desc. node	-3376 Jul 17 j 01:43	11°♂34'20	
desc. node	-3378 Jan 30 j 08:09	13°♂57'10			-3376 Aug 03 j 05:15	0°♂	
	-3378 Feb 12 j 14:14	0°♂		evening max el	-3376 Aug 12 j 11:53	9°♂25'25	47°05'57
	-3378 Mar 09 j 07:45	0°♂			-3376 Sep 04 j 16:14	0°♂	
	-3378 Apr 02 j 23:32	0°♂		greatest brilliancy	-3376 Sep 21 j 01:08	9°♂38'03	-4.7m
morning set	-3378 Apr 22 j 20:05	24°♂14'31		retrograde	-3376 Oct 01 j 22:23	11°♂51'38	
	-3378 Apr 27 j 13:00	0°♂		evening set	-3376 Oct 17 j 02:35	7°♂18'43	
	-3378 May 21 j 23:32	0°♂		inferior conj	-3376 Oct 22 j 11:30	4°♂08'39	-3°-53'-8
asc. node	-3378 May 23 j 05:54	1°♂33'28		minimum elong	-3376 Oct 22 j 19:38	3°♂56'16	3°50'46
max. Earth dist.	-3378 May 25 j 05:24	3°♂59'46	1.73358 AU	min. Earth dist.	-3376 Oct 22 j 11:17	4°♂08'58	0.26364 AU

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3376 Oct 28 j 12:43	0°♌37'01			-3373 Apr 12 j 03:15	0°♍	
	-3376 Oct 29 j 17:18	30°♍		asc. node	-3373 Apr 24 j 19:49	15°♍34'10	
asc. node	-3376 Nov 07 j 00:11	27°♍01'27		evening rise	-3373 Apr 25 j 22:07	16°♍54'50	
direct	-3376 Nov 11 j 16:57	26°♍33'45		greatest brilliancy	-3373 Apr 29 j 19:15	21°♍40'30	-3.9m
greatest brilliancy	-3376 Nov 23 j 15:38	29°♍15'11	-4.7m		-3373 May 06 j 14:10	0°♎	
	-3376 Nov 25 j 07:32	0°♎			-3373 May 31 j 01:28	0°♏	
morning max el	-3376 Dec 31 j 23:50	29°♎20'15	46°35'41		-3373 Jun 24 j 13:43	0°♐	
	-3375 Jan 01 j 15:43	0°♏			-3373 Jul 19 j 04:26	0°♑	
	-3375 Jan 29 j 18:26	0°♑			-3373 Aug 13 j 00:16	0°♒	
	-3375 Feb 25 j 04:09	0°♒		desc. node	-3373 Aug 14 j 13:48	1°♒52'35	
desc. node	-3375 Feb 26 j 20:01	1°♒55'10			-3373 Sep 07 j 05:49	0°♓	
	-3375 Mar 22 j 20:59	0°♓			-3373 Oct 03 j 07:25	0°♐	
	-3375 Apr 17 j 03:48	0°♐		evening max el	-3373 Oct 24 j 22:17	23°♐17'35	47°28'13
	-3375 May 12 j 02:44	0°♑			-3373 Oct 31 j 15:21	0°♑	
	-3375 Jun 05 j 18:20	0°♒		greatest brilliancy	-3373 Dec 01 j 07:49	23°♒48'37	-4.7m
asc. node	-3375 Jun 19 j 17:53	17°♒10'53		asc. node	-3373 Dec 05 j 11:45	25°♒33'03	
morning set	-3375 Jun 28 j 21:02	28°♒27'40		retrograde	-3373 Dec 15 j 00:35	27°♒18'23	
	-3375 Jun 30 j 02:52	0°♏		evening set	-3373 Dec 30 j 21:03	22°♒14'19	
	-3375 Jul 24 j 05:16	0°♐		min. Earth dist.	-3372 Jan 03 j 20:49	19°♒46'49	0.27781 AU
max. Earth dist.	-3375 Aug 01 j 04:17	9°♐57'33	1.71739 AU	inferior conj	-3372 Jan 04 j 23:16	19°♒04'48	6°35'09
				minimum elong	-3372 Jan 04 j 14:03	19°♒19'27	6°33'16
superior conj	-3375 Aug 04 j 20:26	14°♐33'46	1°20'58	morning rise	-3372 Jan 09 j 07:46	16°♒23'09	
minimum elong	-3375 Aug 04 j 15:32	14°♐18'24	1°21'01	direct	-3372 Jan 25 j 18:32	11°♒06'22	
	-3375 Aug 17 j 03:32	0°♑		greatest brilliancy	-3372 Feb 05 j 06:52	13°♒08'59	-4.5m
	-3375 Sep 10 j 00:10	0°♒			-3372 Mar 02 j 03:42	0°♓	
evening rise	-3375 Sep 12 j 13:38	3°♒13'15		morning max el	-3372 Mar 14 j 17:33	11°♓26'09	45°58'07
	-3375 Oct 03 j 21:26	0°♓		desc. node	-3372 Mar 26 j 07:34	22°♓56'05	
desc. node	-3375 Oct 09 j 12:11	7°♓02'20			-3372 Apr 02 j 02:57	0°♐	
	-3375 Oct 27 j 20:52	0°♐			-3372 Apr 29 j 13:19	0°♑	
	-3375 Nov 20 j 23:46	0°♑			-3372 May 25 j 15:24	0°♒	
	-3375 Dec 15 j 08:18	0°♒			-3372 Jun 19 j 22:20	0°♓	
	-3374 Jan 09 j 03:06	0°♓			-3372 Jul 14 j 15:10	0°♏	
asc. node	-3374 Jan 30 j 09:19	25°♓01'09		asc. node	-3372 Jul 17 j 05:58	3°♏12'46	
	-3374 Feb 03 j 17:14	0°♐			-3372 Aug 07 j 21:07	0°♑	
	-3374 Mar 02 j 22:48	0°♑		greatest brilliancy	-3372 Aug 19 j 14:42	14°♑40'05	-3.9m
evening max el	-3374 Mar 18 j 01:00	15°♑10'16	45°10'54		-3372 Aug 31 j 19:37	0°♒	
	-3374 Apr 03 j 22:55	0°♒		morning set	-3372 Sep 07 j 22:57	8°♒59'41	
greatest brilliancy	-3374 Apr 21 j 10:41	11°♒04'38	-4.5m		-3372 Sep 24 j 14:24	0°♓	
retrograde	-3374 May 05 j 05:55	14°♒21'32					
evening set	-3374 May 20 j 02:59	10°♒08'14		superior conj	-3372 Oct 18 j 06:09	29°♓51'38	0°42'05
desc. node	-3374 May 22 j 04:24	8°♓59'20		minimum elong	-3372 Oct 18 j 16:05	0°♓22'57	0°41'40
inferior conj	-3374 May 26 j 14:30	6°♓19'02	-1°-1'-42		-3372 Oct 18 j 08:48	0°♏	
minimum elong	-3374 May 26 j 12:13	6°♓22'32	1°00'58	max. Earth dist.	-3372 Oct 21 j 00:26	3°♓20'31	1.70917 AU
min. Earth dist.	-3374 May 27 j 02:33	6°♓00'24	0.28696 AU	desc. node	-3372 Nov 06 j 00:19	23°♓28'23	
morning rise	-3374 Jun 01 j 20:59	2°♓35'32			-3372 Nov 11 j 05:01	0°♐	
	-3374 Jun 07 j 09:05	30°♓		evening rise	-3372 Nov 29 j 18:32	23°♐15'22	
direct	-3374 Jun 17 j 08:03	28°♓03'35			-3372 Dec 05 j 04:03	0°♑	
	-3374 Jun 27 j 16:24	0°♒			-3372 Dec 29 j 06:32	0°♓	
greatest brilliancy	-3374 Jul 01 j 22:38	1°♒47'07	-4.5m		-3371 Jan 22 j 13:45	0°♐	
morning max el	-3374 Aug 06 j 00:12	29°♒11'14	46°21'27		-3371 Feb 16 j 04:11	0°♑	
	-3374 Aug 06 j 19:57	0°♏		asc. node	-3371 Feb 26 j 21:30	12°♑54'49	
	-3374 Sep 03 j 19:52	0°♐			-3371 Mar 13 j 05:39	0°♑	
asc. node	-3374 Sep 12 j 03:23	9°♐32'32			-3371 Apr 08 j 00:09	0°♒	
	-3374 Sep 29 j 10:39	0°♑			-3371 May 05 j 00:08	0°♏	
	-3374 Oct 24 j 01:40	0°♒		evening max el	-3371 May 28 j 09:11	23°♏51'57	45°37'24
	-3374 Nov 17 j 07:11	0°♓			-3371 Jun 03 j 23:15	0°♐	
	-3374 Dec 11 j 10:41	0°♐		desc. node	-3371 Jun 18 j 16:09	12°♐08'44	
desc. node	-3373 Jan 01 j 22:22	26°♐38'29		greatest brilliancy	-3371 Jul 05 j 11:33	21°♐45'45	-4.5m
	-3373 Jan 04 j 15:31	0°♑		retrograde	-3371 Jul 16 j 10:10	23°♐54'33	
	-3373 Jan 28 j 22:26	0°♒		evening set	-3371 Aug 02 j 22:16	18°♐15'17	
morning set	-3373 Feb 10 j 16:26	15°♒42'41		inferior conj	-3371 Aug 06 j 10:21	16°♐09'47	-8°-37'-44
	-3373 Feb 22 j 07:03	0°♓		minimum elong	-3371 Aug 06 j 05:19	16°♐17'26	8°37'16
	-3373 Mar 18 j 16:47	0°♑		min. Earth dist.	-3371 Aug 06 j 20:06	15°♐55'00	0.27501 AU
				morning rise	-3371 Aug 09 j 12:08	14°♐18'46	
superior conj	-3373 Mar 20 j 10:58	2°♑09'33	-1°-10'-2	direct	-3371 Aug 27 j 09:20	8°♐17'29	
minimum elong	-3373 Mar 20 j 19:15	2°♑34'59	1°09'53	greatest brilliancy	-3371 Sep 10 j 07:05	11°♐47'05	-4.6m
max. Earth dist.	-3373 Mar 21 j 02:27	2°♑57'04	1.73595 AU		-3371 Oct 05 j 05:22	0°♑	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3371 Oct 09 j 14:49	4°♌07'56		asc. node	-3368 Mar 26 j 09:39	29°♋20'29	
morning max el	-3371 Oct 17 j 02:17	11°♌33'49	46°51'58		-3368 Mar 26 j 22:38	0°♍	
	-3371 Nov 03 j 06:38	0°♎			-3368 Apr 20 j 16:54	0°♎	
	-3371 Nov 29 j 07:41	0°♏			-3368 May 15 j 17:51	0°♏	
	-3371 Dec 24 j 11:07	0°♐			-3368 Jun 10 j 04:35	0°♑	
	-3370 Jan 18 j 07:37	0°♑			-3368 Jul 06 j 08:29	0°♒	
desc. node	-3370 Jan 29 j 10:23	13°♑27'35		desc. node	-3368 Jul 16 j 03:55	10°♒53'38	
	-3370 Feb 12 j 01:56	0°♒			-3368 Aug 03 j 02:03	0°♓	
	-3370 Mar 08 j 18:59	0°♓		evening max el	-3368 Aug 10 j 02:04	7°♓03'35	47°03'28
	-3370 Apr 02 j 10:28	0°♋			-3368 Sep 05 j 14:43	0°♋	
morning set	-3370 Apr 20 j 14:39	22°♋11'29		greatest brilliancy	-3368 Sep 18 j 14:08	7°♋09'19	-4.7m
	-3370 Apr 26 j 23:46	0°♌		retrograde	-3368 Sep 29 j 11:08	9°♋21'52	
	-3370 May 21 j 10:15	0°♍		evening set	-3368 Oct 14 j 17:28	4°♋45'34	
asc. node	-3370 May 22 j 07:56	1°♍06'46		inferior conj	-3368 Oct 19 j 23:34	1°♋39'19	-4°-15'-11
max. Earth dist.	-3370 May 23 j 03:32	2°♍07'07	1.73396 AU	minimum elong	-3368 Oct 20 j 08:19	1°♋26'01	4°12'41
				min. Earth dist.	-3368 Oct 20 j 00:08	1°♋38'28	0.26366 AU
superior conj	-3370 May 26 j 12:07	6°♍15'22	0°09'49		-3368 Oct 22 j 17:31	30°♌	
minimum elong	-3370 May 26 j 10:11	6°♍09'24	0°09'48	morning rise	-3368 Oct 25 j 23:15	28°♌10'08	
behind sun begin	-3370 May 25 j 16:37	5°♍15'16		asc. node	-3368 Nov 06 j 02:11	24°♌17'10	
behind sun end	-3370 May 27 j 03:45	7°♍03'32		direct	-3368 Nov 09 j 05:50	24°♌04'45	
	-3370 Jun 14 j 17:31	0°♎		greatest brilliancy	-3368 Nov 21 j 04:29	26°♌46'44	-4.7m
evening rise	-3370 Jul 01 j 04:28	20°♎24'08			-3368 Nov 27 j 11:26	0°♏	
	-3370 Jul 08 j 21:57	0°♏		morning max el	-3368 Dec 29 j 14:02	26°♏58'13	46°36'47
	-3370 Aug 02 j 00:53	0°♐			-3367 Jan 01 j 13:59	0°♐	
	-3370 Aug 26 j 04:13	0°♑			-3367 Jan 29 j 10:31	0°♑	
desc. node	-3370 Sep 11 j 02:01	19°♑42'30			-3367 Feb 24 j 17:48	0°♒	
	-3370 Sep 19 j 09:56	0°♒		desc. node	-3367 Feb 25 j 22:06	1°♒21'57	
	-3370 Oct 13 j 20:09	0°♓			-3367 Mar 22 j 09:23	0°♓	
	-3370 Nov 07 j 14:40	0°♋			-3367 Apr 16 j 15:27	0°♋	
	-3370 Dec 03 j 02:49	0°♌			-3367 May 11 j 13:55	0°♌	
	-3370 Dec 30 j 10:54	0°♍			-3367 Jun 05 j 05:15	0°♍	
asc. node	-3369 Jan 01 j 23:37	2°♍35'02		asc. node	-3367 Jun 18 j 20:04	16°♍44'10	
evening max el	-3369 Jan 03 j 17:24	4°♍20'14	46°13'29	morning set	-3367 Jun 26 j 14:22	26°♍19'21	
	-3369 Feb 03 j 11:28	0°♎			-3367 Jun 29 j 13:40	0°♎	
greatest brilliancy	-3369 Feb 07 j 12:01	2°♎11'54	-4.5m		-3367 Jul 23 j 16:06	0°♏	
retrograde	-3369 Feb 22 j 11:31	6°♎12'21		max. Earth dist.	-3367 Jul 29 j 14:36	7°♏25'36	1.71798 AU
evening set	-3369 Mar 11 j 19:25	0°♋	24'42				
	-3369 Mar 12 j 11:42	30°♌		superior conj	-3367 Aug 02 j 12:02	12°♏18'10	1°19'59
inferior conj	-3369 Mar 15 j 22:04	27°♌50'39	7°16'47	minimum elong	-3367 Aug 02 j 06:31	12°♏00'54	1°20'01
minimum elong	-3369 Mar 16 j 05:40	27°♌38'34	7°15'42		-3367 Aug 16 j 14:28	0°♐	
min. Earth dist.	-3369 Mar 16 j 03:49	27°♌41'29	0.29279 AU		-3367 Sep 09 j 11:15	0°♑	
morning rise	-3369 Mar 20 j 15:57	24°♌53'36		evening rise	-3367 Sep 10 j 01:09	0°♑43'42	
direct	-3369 Apr 06 j 13:07	19°♌25'25			-3367 Oct 03 j 08:38	0°♒	
greatest brilliancy	-3369 Apr 19 j 11:58	22°♌21'49	-4.5m	desc. node	-3367 Oct 08 j 14:11	6°♒33'20	
desc. node	-3369 Apr 23 j 18:54	24°♌25'34			-3367 Oct 27 j 08:13	0°♓	
	-3369 May 02 j 17:16	0°♋			-3367 Nov 20 j 11:19	0°♋	
morning max el	-3369 May 25 j 10:06	19°♋12'33	45°50'14		-3367 Dec 14 j 20:14	0°♌	
	-3369 Jun 05 j 07:46	0°♌			-3366 Jan 08 j 15:44	0°♍	
	-3369 Jul 03 j 02:32	0°♍		asc. node	-3366 Jan 29 j 11:27	24°♍27'37	
	-3369 Jul 28 j 23:54	0°♎			-3366 Feb 03 j 07:22	0°♎	
asc. node	-3369 Aug 14 j 17:47	20°♎06'22			-3366 Mar 02 j 16:46	0°♏	
	-3369 Aug 22 j 20:34	0°♏		evening max el	-3366 Mar 15 j 16:53	13°♏00'16	45°11'29
	-3369 Sep 16 j 02:21	0°♐			-3366 Apr 04 j 10:40	0°♋	
	-3369 Oct 10 j 00:24	0°♑		greatest brilliancy	-3366 Apr 19 j 02:01	8°♋54'59	-4.5m
	-3369 Nov 02 j 20:11	0°♒		retrograde	-3366 May 02 j 21:09	12°♋12'05	
morning set	-3369 Nov 24 j 09:24	27°♒05'12		evening set	-3366 May 17 j 19:15	7°♋58'15	
	-3369 Nov 26 j 17:09	0°♓		desc. node	-3366 May 21 j 06:33	5°♋59'17	
desc. node	-3369 Dec 04 j 12:25	9°♓46'44		inferior conj	-3366 May 24 j 06:24	4°♋09'09	0°-41'-45
	-3369 Dec 20 j 16:44	0°♋		minimum elong	-3366 May 24 j 04:52	4°♋11'32	0°41'16
				min. Earth dist.	-3366 May 24 j 18:58	3°♋49'41	0.28731 AU
superior conj	-3368 Jan 05 j 08:20	19°♋29'46	-1°-4'-58	morning rise	-3366 May 30 j 13:57	0°♋23'36	
minimum elong	-3368 Jan 04 j 21:25	18°♋55'49	1°04'47		-3366 May 31 j 07:30	30°♌	
max. Earth dist.	-3368 Jan 09 j 10:47	24°♋35'43	1.72222 AU	direct	-3366 Jun 15 j 00:13	25°♏53'09	
	-3368 Jan 13 j 19:14	0°♌		greatest brilliancy	-3366 Jun 29 j 13:22	29°♏34'18	-4.5m
	-3368 Feb 07 j 00:42	0°♍			-3366 Jun 30 j 10:32	0°♋	
evening rise	-3368 Feb 13 j 21:59	8°♍29'50		morning max el	-3366 Aug 03 j 14:30	26°♋53'51	46°20'00
	-3368 Mar 02 j 09:33	0°♎			-3366 Aug 06 j 17:23	0°♎	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3366 Sep 03 j 11:32	0°☿			-3363 Mar 12 j 18:08	0°♊	
asc. node	-3366 Sep 11 j 05:27	8°☿55'31			-3363 Apr 07 j 14:05	0°♈	
	-3366 Sep 29 j 00:15	0°♌			-3363 May 04 j 17:19	0°♊	
	-3366 Oct 23 j 14:16	0°♍	evening max el		-3363 May 25 j 22:41	21°♊33'26	45°35'01
	-3366 Nov 16 j 19:12	0°♎			-3363 Jun 04 j 03:04	0°☿	
	-3366 Dec 10 j 22:17	0°♏	desc. node		-3363 Jun 17 j 18:21	10°☿55'19	
desc. node	-3365 Jan 01 j 00:34	26°♏10'14	greatest brilliancy		-3363 Jul 02 j 21:24	19°☿21'29	-4.5m
	-3365 Jan 04 j 02:48	0°♐	retrograde		-3363 Jul 13 j 23:20	21°☿33'26	
	-3365 Jan 28 j 09:28	0°♑	evening set		-3363 Jul 31 j 07:54	15°☿58'32	
morning set	-3365 Feb 08 j 07:01	13°♑26'06	inferior conj		-3363 Aug 03 j 23:41	13°☿47'55	-8°-31'-14
	-3365 Feb 21 j 17:55	0°♒	minimum elong		-3363 Aug 03 j 17:52	13°☿56'43	8°30'38
			min. Earth dist.		-3363 Aug 04 j 09:09	13°☿33'34	0.27553 AU
superior conj	-3365 Mar 18 j 04:31	0°♈02'58	morning rise		-3363 Aug 07 j 03:36	11°☿53'55	
minimum elong	-3365 Mar 18 j 12:33	0°♈27'37	direct		-3363 Aug 24 j 23:21	5°☿54'29	
	-3365 Mar 18 j 03:33	0°♈	greatest brilliancy		-3363 Sep 07 j 23:38	9°☿27'08	-4.6m
max. Earth dist.	-3365 Mar 18 j 23:36	1°♈01'35			-3363 Oct 05 j 09:26	0°♌	
	-3365 Apr 11 j 14:01	0°♊	asc. node		-3363 Oct 08 j 16:53	3°♌10'36	
evening rise	-3365 Apr 23 j 17:06	14°♊52'37	morning max el		-3363 Oct 14 j 16:34	9°♌09'30	46°51'38
asc. node	-3365 Apr 23 j 21:52	15°♊07'12			-3363 Nov 03 j 00:35	0°♍	
greatest brilliancy	-3365 Apr 29 j 14:45	22°♊06'56			-3363 Nov 28 j 22:33	0°♎	
	-3365 May 06 j 01:04	0°♈			-3363 Dec 24 j 00:30	0°♏	
	-3365 May 30 j 12:39	0°♊			-3362 Jan 17 j 20:07	0°♐	
	-3365 Jun 24 j 01:20	0°☿	desc. node		-3362 Jan 28 j 12:22	12°♐56'41	
	-3365 Jul 18 j 16:39	0°♌			-3362 Feb 11 j 13:48	0°♑	
	-3365 Aug 12 j 13:24	0°♍			-3362 Mar 08 j 06:24	0°♒	
desc. node	-3365 Aug 13 j 15:52	1°♍19'15			-3362 Apr 01 j 21:34	0°♈	
	-3365 Sep 06 j 20:25	0°♎	morning set		-3362 Apr 18 j 09:34	20°♈08'59	
	-3365 Oct 03 j 00:53	0°♏			-3362 Apr 26 j 10:42	0°♊	
evening max el	-3365 Oct 22 j 12:44	20°♏54'29			-3362 May 20 j 21:08	0°♈	
	-3365 Oct 31 j 17:11	0°♐	max. Earth dist.		-3362 May 21 j 03:40	0°♈20'06	1.73434 AU
greatest brilliancy	-3365 Nov 29 j 02:23	21°♐31'48	asc. node		-3362 May 21 j 10:09	0°♈40'05	
asc. node	-3365 Dec 04 j 14:02	23°♐41'27					
retrograde	-3365 Dec 12 j 15:29	24°♐57'48	superior conj		-3362 May 24 j 07:15	4°♈12'52	0°06'48
evening set	-3365 Dec 28 j 09:13	19°♐58'50	minimum elong		-3362 May 24 j 05:54	4°♈08'42	0°06'48
min. Earth dist.	-3364 Jan 01 j 11:52	17°♐27'20	behind sun begin		-3362 May 23 j 09:44	3°♈06'37	
inferior conj	-3364 Jan 02 j 14:12	16°♐45'31	behind sun end		-3362 May 25 j 02:03	5°♈10'48	
minimum elong	-3364 Jan 02 j 04:51	17°♐00'23			-3362 Jun 14 j 04:29	0°♊	
morning rise	-3364 Jan 07 j 01:10	14°♐00'12	evening rise		-3362 Jun 28 j 23:08	18°♊18'46	
direct	-3364 Jan 23 j 08:09	8°♐48'26			-3362 Jul 08 j 09:07	0°☿	
greatest brilliancy	-3364 Feb 02 j 20:58	10°♐51'08			-3362 Aug 01 j 12:19	0°♌	
	-3364 Mar 02 j 08:55	0°♑			-3362 Aug 25 j 16:01	0°♍	
morning max el	-3364 Mar 12 j 06:59	9°♑08'23	desc. node		-3362 Sep 10 j 04:01	19°♍11'24	
desc. node	-3364 Mar 25 j 09:36	22°♑12'48			-3362 Sep 18 j 22:10	0°♎	
	-3364 Apr 01 j 20:21	0°♒			-3362 Oct 13 j 08:58	0°♏	
	-3364 Apr 29 j 03:23	0°♈			-3362 Nov 07 j 04:24	0°♐	
	-3364 May 25 j 03:58	0°♊			-3362 Dec 02 j 18:24	0°♑	
	-3364 Jun 19 j 10:10	0°♈			-3362 Dec 30 j 07:30	0°♒	
	-3364 Jul 14 j 02:37	0°♊	asc. node		-3361 Jan 01 j 01:42	1°♒46'40	
asc. node	-3364 Jul 16 j 08:05	2°♊44'13	evening max el		-3361 Jan 01 j 09:31	2°♒06'14	46°16'39
	-3364 Aug 07 j 08:22	0°☿	greatest brilliancy		-3361 Feb 05 j 04:50	0°♈02'25	-4.5m
greatest brilliancy	-3364 Aug 20 j 12:26	16°☿28'24			-3361 Feb 05 j 02:54	0°♈	
	-3364 Aug 31 j 06:47	0°♌	retrograde		-3361 Feb 20 j 05:18	4°♈03'46	
morning set	-3364 Sep 05 j 11:43	6°♌33'28			-3361 Mar 06 j 11:39	30°♒	
	-3364 Sep 24 j 01:33	0°♍	evening set		-3361 Mar 09 j 14:34	28°♒12'31	
			inferior conj		-3361 Mar 13 j 15:04	25°♒41'34	7°25'38
superior conj	-3364 Oct 15 j 15:38	27°♍14'56	minimum elong		-3361 Mar 13 j 22:17	25°♒30'04	7°24'40
minimum elong	-3364 Oct 16 j 02:02	27°♍47'44	min. Earth dist.		-3361 Mar 13 j 19:23	25°♒34'41	0.29264 AU
	-3364 Oct 17 j 20:00	0°♎	morning rise		-3361 Mar 18 j 06:07	22°♒48'52	
max. Earth dist.	-3364 Oct 18 j 01:17	0°♎16'38	direct		-3361 Apr 04 j 05:59	17°♒16'41	
desc. node	-3364 Nov 05 j 02:25	22°♎59'37	greatest brilliancy		-3361 Apr 17 j 02:04	20°♒10'51	-4.5m
	-3364 Nov 10 j 16:16	0°♏	desc. node		-3361 Apr 22 j 21:01	23°♒03'20	
evening rise	-3364 Nov 27 j 03:41	20°♏38'40			-3361 May 03 j 08:21	0°♈	
	-3364 Dec 04 j 15:20	0°♐	morning max el		-3361 May 23 j 03:25	17°♈05'59	45°49'50
	-3364 Dec 28 j 17:52	0°♑			-3361 Jun 05 j 02:32	0°♊	
	-3363 Jan 22 j 01:12	0°♒			-3361 Jul 02 j 17:11	0°♈	
	-3363 Feb 15 j 15:57	0°♈			-3361 Jul 28 j 12:55	0°♊	
asc. node	-3363 Feb 25 j 23:34	12°♈25'00	asc. node		-3361 Aug 13 j 19:51	19°♊34'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3361 Aug 22 j 08:48	0°☿	evening max el	-3358 Mar 13 j 07:56	10°☿47'17	45°12'19
	-3361 Sep 15 j 14:13	0°♌		-3358 Apr 05 j 02:54	0°♌	
	-3361 Oct 09 j 12:05	0°♍	greatest brilliancy	-3358 Apr 16 j 16:50	6°♌44'06	-4.5m
	-3361 Nov 02 j 07:44	0°♎	retrograde	-3358 Apr 30 j 12:29	10°♌02'35	
morning set	-3361 Nov 21 j 19:01	24°♎28'54	evening set	-3358 May 15 j 11:49	5°♌47'41	
	-3361 Nov 26 j 04:34	0°♏	desc. node	-3358 May 20 j 08:47	2°♌57'31	
desc. node	-3361 Dec 03 j 14:37	9°♏17'56	inferior conj	-3358 May 21 j 22:31	1°♌59'11	0°-21'-56
	-3361 Dec 20 j 04:03	0°♐	minimum elong	-3358 May 21 j 21:42	2°♌00'26	0°21'39
			min. Earth dist.	-3358 May 22 j 11:51	1°♌38'29	0.28764 AU
superior conj	-3360 Jan 02 j 19:29	17°♐00'02		-3358 May 25 j 04:01	30°♌☿	
minimum elong	-3360 Jan 02 j 08:22	16°♐25'27	morning rise	-3358 May 28 j 06:57	28°☿11'49	
max. Earth dist.	-3360 Jan 07 j 00:57	22°♐15'35	direct	-3358 Jun 12 j 16:02	23°☿42'27	
	-3360 Jan 13 j 06:28	0°♑	greatest brilliancy	-3358 Jun 27 j 04:53	27°☿22'14	-4.5m
	-3360 Feb 06 j 11:54	0°♒		-3358 Jul 02 j 03:22	0°♌	
evening rise	-3360 Feb 11 j 12:37	6°♒12'28	morning max el	-3358 Aug 01 j 04:55	24°♌36'24	46°18'46
	-3360 Mar 01 j 20:49	0°♓		-3358 Aug 06 j 14:14	0°♌	
asc. node	-3360 Mar 25 j 11:46	28°♓52'11		-3358 Sep 03 j 03:06	0°☿	
	-3360 Mar 26 j 10:04	0°♈	asc. node	-3358 Sep 10 j 07:36	8°☿18'39	
	-3360 Apr 20 j 04:43	0°♉		-3358 Sep 28 j 13:53	0°♌	
	-3360 May 15 j 06:21	0°♊		-3358 Oct 23 j 02:57	0°♍	
	-3360 Jun 09 j 18:20	0°☿		-3358 Nov 16 j 07:22	0°♎	
	-3360 Jul 06 j 00:38	0°♌		-3358 Dec 10 j 10:06	0°♏	
desc. node	-3360 Jul 15 j 05:57	10°♌11'15	desc. node	-3358 Dec 31 j 02:36	25°♏40'31	
	-3360 Aug 02 j 23:56	0°♍		-3357 Jan 03 j 14:22	0°♐	
evening max el	-3360 Aug 07 j 16:13	4°♍40'48		-3357 Jan 27 j 20:50	0°♑	
	-3360 Sep 06 j 22:28	0°♎	morning set	-3357 Feb 05 j 20:53	11°♑06'17	
greatest brilliancy	-3360 Sep 16 j 03:44	4°♎39'55		-3357 Feb 21 j 05:04	0°♒	
retrograde	-3360 Sep 26 j 23:19	6°♎50'14				
evening set	-3360 Oct 12 j 08:22	2°♎10'39	superior conj	-3357 Mar 15 j 21:37	27°♒54'14	-1°-13'-20
	-3360 Oct 16 j 01:31	30°♏☿	minimum elong	-3357 Mar 16 j 05:21	28°♒17'59	1°13'15
inferior conj	-3360 Oct 17 j 11:31	29°♏08'18	max. Earth dist.	-3357 Mar 16 j 18:53	28°♒59'33	1.73543 AU
minimum elong	-3360 Oct 17 j 20:48	28°♏54'10		-3357 Mar 17 j 14:34	0°♓	
min. Earth dist.	-3360 Oct 17 j 13:08	29°♏05'50		-3357 Apr 11 j 01:01	0°♈	
morning rise	-3360 Oct 23 j 09:20	25°♏41'37	evening rise	-3357 Apr 21 j 11:52	12°☿49'07	
asc. node	-3360 Nov 05 j 04:28	21°♏37'05	asc. node	-3357 Apr 23 j 00:05	14°☿40'07	
direct	-3360 Nov 06 j 18:29	21°♏33'58	greatest brilliancy	-3357 Apr 29 j 10:01	22°☿32'02	-3.9m
greatest brilliancy	-3360 Nov 18 j 17:26	24°♏16'21		-3357 May 05 j 12:11	0°♌	
	-3360 Nov 28 j 22:43	0°♐		-3357 May 30 j 00:02	0°♌	
morning max el	-3360 Dec 27 j 03:19	24°♐32'09		-3357 Jun 23 j 13:08	0°☿	
	-3359 Jan 01 j 12:01	0°♏		-3357 Jul 18 j 05:03	0°♌	
	-3359 Jan 29 j 02:48	0°♐		-3357 Aug 12 j 02:41	0°♍	
	-3359 Feb 24 j 07:44	0°♑	desc. node	-3357 Aug 12 j 17:57	0°♍45'38	
desc. node	-3359 Feb 25 j 00:11	0°♑47'46		-3357 Sep 06 j 11:12	0°♎	
	-3359 Mar 21 j 22:04	0°♒		-3357 Oct 02 j 18:42	0°♏	
	-3359 Apr 16 j 03:23	0°♓	evening max el	-3357 Oct 20 j 02:38	18°♏30'00	47°30'26
	-3359 May 11 j 01:23	0°♈		-3357 Oct 31 j 20:30	0°♐	
	-3359 Jun 04 j 16:26	0°♉	greatest brilliancy	-3357 Nov 26 j 19:44	19°♐12'45	-4.7m
asc. node	-3359 Jun 17 j 22:14	16°♉16'32	asc. node	-3357 Dec 03 j 16:06	21°♐44'38	
morning set	-3359 Jun 24 j 08:17	24°♉12'06	retrograde	-3357 Dec 10 j 06:18	22°♐36'29	
	-3359 Jun 29 j 00:44	0°♊	evening set	-3357 Dec 25 j 21:15	17°♐42'04	
	-3359 Jul 23 j 03:10	0°☿	min. Earth dist.	-3357 Dec 30 j 02:51	15°♐06'42	0.27625 AU
max. Earth dist.	-3359 Jul 27 j 02:34	4°☿58'12	inferior conj	-3357 Dec 31 j 05:00	14°♐25'15	6°07'37
			minimum elong	-3357 Dec 30 j 19:34	14°♐40'13	6°05'31
superior conj	-3359 Jul 31 j 04:22	10°☿04'17	morning rise	-3356 Jan 04 j 18:32	11°♐36'18	
minimum elong	-3359 Jul 30 j 22:18	9°☿45'16	direct	-3356 Jan 20 j 21:27	6°♐29'11	
	-3359 Aug 16 j 01:38	0°♌	greatest brilliancy	-3356 Jan 31 j 11:50	8°♐33'03	-4.6m
evening rise	-3359 Sep 07 j 13:20	28°♌15'35		-3356 Mar 02 j 12:41	0°♑	
	-3359 Sep 08 j 22:34	0°♍	morning max el	-3356 Mar 09 j 21:12	6°♑51'31	46°00'14
	-3359 Oct 02 j 20:09	0°♎	desc. node	-3356 Mar 24 j 11:47	21°♑29'38	
desc. node	-3359 Oct 07 j 16:21	6°♎03'54		-3356 Apr 01 j 13:41	0°♒	
	-3359 Oct 26 j 19:57	0°♏		-3356 Apr 28 j 17:29	0°♓	
	-3359 Nov 19 j 23:19	0°♐		-3356 May 24 j 16:37	0°♈	
	-3359 Dec 14 j 08:38	0°♑		-3356 Jun 18 j 22:02	0°♉	
	-3358 Jan 08 j 04:52	0°♒		-3356 Jul 13 j 14:04	0°♊	
asc. node	-3358 Jan 28 j 13:31	23°♒52'29	asc. node	-3356 Jul 15 j 10:05	2°♊15'13	
	-3358 Feb 02 j 22:04	0°♓		-3356 Aug 06 j 19:38	0°☿	
	-3358 Mar 02 j 11:34	0°♈	greatest brilliancy	-3356 Aug 21 j 06:00	18°☿03'41	-3.9m

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3356 Aug 30 j 17:57	0°♈		retrograde	-3353 Feb 17 j 22:49	1°♋55'44	
morning set	-3356 Sep 03 j 00:57	4°♈08'41			-3353 Feb 27 j 15:53	30°♋	
	-3356 Sep 23 j 12:42	0°♎		evening set	-3353 Mar 07 j 09:34	26°♋01'17	
				inferior conj	-3353 Mar 11 j 08:01	23°♋33'07	7°33'52
superior conj	-3356 Oct 13 j 01:39	24°♎39'56	0°48'45	minimum elong	-3353 Mar 11 j 14:48	23°♋22'18	7°33'01
minimum elong	-3356 Oct 13 j 12:26	25°♎13'57	0°48'20	min. Earth dist.	-3353 Mar 11 j 10:50	23°♋28'37	0.29251 AU
max. Earth dist.	-3356 Oct 15 j 06:16	27°♎25'50	1.70897 AU	morning rise	-3353 Mar 15 j 20:14	20°♋44'36	
	-3356 Oct 17 j 07:10	0°♊		direct	-3353 Apr 01 j 23:06	15°♋08'43	
desc. node	-3356 Nov 04 j 04:37	22°♊31'22		greatest brilliancy	-3353 Apr 14 j 15:15	17°♋59'20	-4.5m
	-3356 Nov 10 j 03:28	0°♌		desc. node	-3353 Apr 21 j 23:15	21°♋44'21	
evening rise	-3356 Nov 24 j 13:12	18°♌03'17			-3353 May 03 j 19:22	0°♋	
	-3356 Dec 04 j 02:34	0°♍		morning max el	-3353 May 20 j 20:20	14°♋58'57	45°49'19
	-3356 Dec 28 j 05:10	0°♎			-3353 Jun 04 j 20:40	0°♏	
	-3355 Jan 21 j 12:41	0°♏			-3353 Jul 02 j 07:31	0°♐	
	-3355 Feb 15 j 03:49	0°♑			-3353 Jul 28 j 01:39	0°♑	
asc. node	-3355 Feb 25 j 01:41	11°♑55'04		asc. node	-3353 Aug 12 j 22:05	19°♑04'38	
	-3355 Mar 12 j 06:46	0°♒			-3353 Aug 21 j 20:45	0°♒	
	-3355 Apr 07 j 04:14	0°♓			-3353 Sep 15 j 01:46	0°♓	
	-3355 May 04 j 10:56	0°♑			-3353 Oct 08 j 23:26	0°♎	
evening max el	-3355 May 23 j 13:06	19°♑17'14	45°32'53		-3353 Nov 01 j 18:58	0°♊	
	-3355 Jun 04 j 08:44	0°♒		morning set	-3353 Nov 19 j 04:41	21°♊53'38	
desc. node	-3355 Jun 16 j 20:22	9°♒39'27			-3353 Nov 25 j 15:42	0°♌	
greatest brilliancy	-3355 Jun 30 j 06:45	16°♒57'16	-4.5m	desc. node	-3353 Dec 02 j 16:36	8°♌49'20	
retrograde	-3355 Jul 11 j 12:53	19°♒12'48			-3353 Dec 19 j 15:04	0°♍	
evening set	-3355 Jul 28 j 17:29	13°♒42'34					
inferior conj	-3355 Aug 01 j 13:03	11°♒26'30	-8°-23'-58	superior conj	-3353 Dec 31 j 06:37	14°♍31'09	0°-59'-57
minimum elong	-3355 Aug 01 j 06:30	11°♒36'24	8°23'14	minimum elong	-3353 Dec 30 j 19:23	13°♍56'12	0°59'41
min. Earth dist.	-3355 Aug 01 j 21:55	11°♒13'05	0.27600 AU	max. Earth dist.	-3352 Jan 04 j 16:13	19°♍59'46	1.72104 AU
morning rise	-3355 Aug 04 j 19:18	9°♒29'12			-3352 Jan 12 j 17:23	0°♎	
direct	-3355 Aug 22 j 13:56	3°♒32'13			-3352 Feb 05 j 22:46	0°♏	
greatest brilliancy	-3355 Sep 05 j 15:16	7°♒06'38	-4.6m	evening rise	-3352 Feb 09 j 03:16	3°♏56'08	
	-3355 Oct 05 j 11:45	0°♓			-3352 Mar 01 j 07:44	0°♑	
asc. node	-3355 Oct 07 j 19:07	2°♓15'16		asc. node	-3352 Mar 24 j 13:59	28°♑25'11	
morning max el	-3355 Oct 12 j 07:38	6°♓47'49	46°51'18		-3352 Mar 25 j 21:10	0°♒	
	-3355 Nov 02 j 17:59	0°♎			-3352 Apr 19 j 16:15	0°♓	
	-3355 Nov 28 j 13:04	0°♊			-3352 May 14 j 18:40	0°♑	
	-3355 Dec 23 j 13:35	0°♌			-3352 Jun 09 j 07:59	0°♒	
	-3354 Jan 17 j 08:20	0°♍			-3352 Jul 05 j 16:49	0°♓	
desc. node	-3354 Jan 27 j 14:29	12°♍26'50		desc. node	-3352 Jul 14 j 08:04	9°♓29'21	
	-3354 Feb 11 j 01:27	0°♎			-3352 Aug 02 j 22:20	0°♎	
	-3354 Mar 07 j 17:39	0°♏		evening max el	-3352 Aug 05 j 05:42	2°♎17'18	46°57'44
	-3354 Apr 01 j 08:34	0°♑			-3352 Sep 08 j 19:52	0°♊	
morning set	-3354 Apr 16 j 04:11	18°♑05'51		greatest brilliancy	-3352 Sep 13 j 18:03	2°♊12'30	-4.7m
	-3354 Apr 25 j 21:33	0°♒		retrograde	-3352 Sep 24 j 10:56	4°♊19'45	
max. Earth dist.	-3354 May 19 j 02:39	28°♒29'54	1.73466 AU		-3352 Oct 09 j 06:35	30°♌	
	-3354 May 20 j 07:56	0°♓		evening set	-3352 Oct 09 j 23:23	29°♌36'49	
asc. node	-3354 May 20 j 12:15	0°♔13'15		inferior conj	-3352 Oct 14 j 23:31	26°♌38'38	-4°-57'-38
				minimum elong	-3352 Oct 15 j 09:15	26°♌23'48	4°55'00
superior conj	-3354 May 22 j 02:03	2°♔09'37	0°03'44	min. Earth dist.	-3352 Oct 15 j 02:26	26°♌34'12	0.26385 AU
minimum elong	-3354 May 22 j 01:17	2°♔07'18	0°03'46	morning rise	-3352 Oct 20 j 19:09	23°♌14'35	
behind sun begin	-3354 May 21 j 03:42	1°♔00'50		direct	-3352 Nov 04 j 06:40	19°♌04'23	
behind sun end	-3354 May 22 j 22:52	3°♔13'46		asc. node	-3352 Nov 04 j 06:35	19°♌04'23	
	-3354 Jun 13 j 15:20	0°♑		greatest brilliancy	-3352 Nov 16 j 07:07	21°♌47'52	-4.7m
evening rise	-3354 Jun 26 j 17:33	16°♑13'06			-3352 Nov 29 j 23:20	0°♊	
	-3354 Jul 07 j 20:07	0°♒		morning max el	-3352 Dec 24 j 15:49	22°♊04'56	46°39'06
	-3354 Jul 31 j 23:36	0°♓			-3351 Jan 01 j 08:50	0°♌	
	-3354 Aug 25 j 03:39	0°♎			-3351 Jan 28 j 18:26	0°♍	
desc. node	-3354 Sep 09 j 06:12	18°♎41'24		desc. node	-3351 Feb 23 j 21:09	0°♎	
	-3354 Sep 18 j 10:15	0°♊			-3351 Feb 24 j 02:20	0°♔15'05	
	-3354 Oct 12 j 21:38	0°♌			-3351 Mar 21 j 10:17	0°♏	
	-3354 Nov 06 j 18:00	0°♍			-3351 Apr 15 j 14:52	0°♑	
	-3354 Dec 02 j 09:54	0°♎			-3351 May 10 j 12:27	0°♒	
evening max el	-3354 Dec 30 j 02:09	29°♎54'21	46°19'44		-3351 Jun 04 j 03:17	0°♓	
	-3354 Dec 30 j 04:24	0°♏		asc. node	-3351 Jun 17 j 00:15	15°♓49'27	
asc. node	-3354 Dec 31 j 03:47	0°♏58'26		morning set	-3351 Jun 22 j 02:00	22°♓05'12	
greatest brilliancy	-3353 Feb 02 j 22:24	27°♏54'45	-4.5m		-3351 Jun 28 j 11:30	0°♑	
	-3353 Feb 07 j 18:23	0°♑			-3351 Jul 22 j 13:59	0°♒	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3351 Jul 24 j 15:26	2° $\overline{53}$ 34'32	1.71922 AU	retrograde	-3349 Dec 07 j 21:23	20° $\overline{27}$ 15'13	
				evening set	-3349 Dec 23 j 09:14	15° $\overline{27}$ 24'55	
superior conj	-3351 Jul 28 j 20:29	7° $\overline{55}$ 50'35	1°17'39	min. Earth dist.	-3349 Dec 27 j 17:29	12° $\overline{27}$ 46'15	0.27549 AU
minimum elong	-3351 Jul 28 j 13:54	7° $\overline{55}$ 30'01	1°17'39	inferior conj	-3349 Dec 28 j 19:37	12° $\overline{27}$ 04'56	5°52'43
	-3351 Aug 15 j 12:33	0° $\overline{02}$		minimum elong	-3349 Dec 28 j 10:11	12° $\overline{27}$ 19'52	5°50'30
evening rise	-3351 Sep 05 j 01:23	25° $\overline{02}$ 48'03		morning rise	-3348 Jan 02 j 11:47	9° $\overline{27}$ 12'32	
	-3351 Sep 08 j 09:36	0° $\overline{07}$		direct	-3348 Jan 18 j 10:48	4° $\overline{27}$ 09'49	
	-3351 Oct 02 j 07:20	0° $\overline{12}$		greatest brilliancy	-3348 Jan 29 j 02:16	6° $\overline{27}$ 14'54	-4.6m
desc. node	-3351 Oct 06 j 18:28	5° $\overline{02}$ 35'23			-3348 Mar 02 j 14:36	0° $\overline{00}$	
	-3351 Oct 26 j 07:20	0° $\overline{07}$		morning max el	-3348 Mar 07 j 12:13	4° $\overline{03}$ 37'18	46°01'21
	-3351 Nov 19 j 10:59	0° $\overline{27}$		desc. node	-3348 Mar 23 j 13:55	20° $\overline{03}$ 47'39	
	-3351 Dec 13 j 20:43	0° $\overline{03}$			-3348 Apr 01 j 06:22	0° $\overline{00}$	
	-3350 Jan 07 j 17:42	0° $\overline{00}$			-3348 Apr 28 j 07:12	0° $\overline{08}$	
asc. node	-3350 Jan 27 j 15:43	23° $\overline{00}$ 18'39			-3348 May 24 j 04:56	0° $\overline{09}$	
	-3350 Feb 02 j 12:32	0° $\overline{08}$			-3348 Jun 18 j 09:38	0° $\overline{08}$	
	-3350 Mar 02 j 06:24	0° $\overline{09}$			-3348 Jul 13 j 01:18	0° $\overline{02}$	
evening max el	-3350 Mar 10 j 22:31	8° $\overline{09}$ 34'24	45°13'19	asc. node	-3348 Jul 14 j 12:20	1° $\overline{02}$ 47'42	
	-3350 Apr 05 j 23:55	0° $\overline{08}$			-3348 Aug 06 j 06:41	0° $\overline{05}$	
greatest brilliancy	-3350 Apr 14 j 06:27	4° $\overline{08}$ 33'07	-4.5m	greatest brilliancy	-3348 Aug 21 j 18:23	19° $\overline{05}$ 23'21	-3.9m
retrograde	-3350 Apr 28 j 04:02	7° $\overline{08}$ 54'44			-3348 Aug 30 j 04:57	0° $\overline{02}$	
evening set	-3350 May 13 j 04:33	3° $\overline{08}$ 38'10		morning set	-3348 Aug 31 j 14:17	1° $\overline{02}$ 44'53	
desc. node	-3350 May 19 j 10:43	29° $\overline{09}$ 56'43			-3348 Sep 22 j 23:45	0° $\overline{07}$	
	-3350 May 19 j 08:36	30° $\overline{08}$					
inferior conj	-3350 May 19 j 14:41	29° $\overline{09}$ 50'35	0°-2'-17	superior conj	-3348 Oct 10 j 11:26	22° $\overline{07}$ 04'23	0°51'55
minimum elong	-3350 May 19 j 14:36	29° $\overline{09}$ 50'43	0°02'12	minimum elong	-3348 Oct 10 j 22:30	22° $\overline{07}$ 39'17	0°51'31
transit middle	-3350 May 19 j 14:36	29° $\overline{09}$ 50'43	0°02'12	max. Earth dist.	-3348 Oct 12 j 12:28	24° $\overline{07}$ 39'01	1.70894 AU
transit begin	-3350 May 19 j 10:33	29° $\overline{09}$ 56'59			-3348 Oct 16 j 18:17	0° $\overline{02}$	
transit end	-3350 May 19 j 18:38	29° $\overline{09}$ 44'26		desc. node	-3348 Nov 03 j 06:36	22° $\overline{05}$ 02'36	
min. Earth dist.	-3350 May 20 j 04:42	29° $\overline{09}$ 28'49	0.28801 AU		-3348 Nov 09 j 14:38	0° $\overline{00}$	
morning rise	-3350 May 25 j 23:55	26° $\overline{09}$ 01'48		evening rise	-3348 Nov 21 j 22:08	15° $\overline{07}$ 26'09	
direct	-3350 Jun 10 j 07:54	21° $\overline{09}$ 32'55			-3348 Dec 03 j 13:46	0° $\overline{27}$	
greatest brilliancy	-3350 Jun 24 j 21:33	25° $\overline{09}$ 12'54	-4.5m		-3348 Dec 27 j 16:25	0° $\overline{03}$	
	-3350 Jul 03 j 07:06	0° $\overline{08}$			-3347 Jan 21 j 00:05	0° $\overline{00}$	
morning max el	-3350 Jul 29 j 19:53	22° $\overline{08}$ 21'18	46°17'24		-3347 Feb 14 j 15:36	0° $\overline{08}$	
	-3350 Aug 06 j 10:09	0° $\overline{02}$		asc. node	-3347 Feb 24 j 03:53	11° $\overline{08}$ 25'42	
	-3350 Sep 02 j 18:15	0° $\overline{05}$			-3347 Mar 11 j 19:20	0° $\overline{09}$	
asc. node	-3350 Sep 09 j 09:47	7° $\overline{05}$ 42'42			-3347 Apr 06 j 18:24	0° $\overline{08}$	
	-3350 Sep 28 j 03:13	0° $\overline{02}$			-3347 May 04 j 04:47	0° $\overline{02}$	
	-3350 Oct 22 j 15:22	0° $\overline{07}$		evening max el	-3347 May 21 j 04:24	17° $\overline{02}$ 03'52	45°30'50
	-3350 Nov 15 j 19:13	0° $\overline{02}$			-3347 Jun 04 j 16:19	0° $\overline{05}$	
	-3350 Dec 09 j 21:36	0° $\overline{07}$		desc. node	-3347 Jun 15 j 22:31	8° $\overline{05}$ 22'13	
desc. node	-3350 Dec 30 j 04:41	25° $\overline{07}$ 12'02		greatest brilliancy	-3347 Jun 27 j 16:50	14° $\overline{05}$ 35'05	-4.5m
	-3349 Jan 03 j 01:36	0° $\overline{27}$		retrograde	-3347 Jul 09 j 02:36	16° $\overline{05}$ 53'22	
	-3349 Jan 27 j 07:50	0° $\overline{03}$		evening set	-3347 Jul 26 j 03:16	11° $\overline{05}$ 28'16	
morning set	-3349 Feb 03 j 10:35	8° $\overline{03}$ 46'49		inferior conj	-3347 Jul 30 j 02:40	9° $\overline{05}$ 06'27	-8°-15'-56
	-3349 Feb 20 j 15:54	0° $\overline{00}$		minimum elong	-3347 Jul 29 j 19:27	9° $\overline{05}$ 17'23	8°15'03
				min. Earth dist.	-3347 Jul 30 j 10:48	8° $\overline{05}$ 54'07	0.27647 AU
superior conj	-3349 Mar 13 j 14:47	25° $\overline{00}$ 46'36	-1°-14'-51	morning rise	-3347 Aug 02 j 11:26	7° $\overline{05}$ 05'28	
minimum elong	-3349 Mar 13 j 22:11	26° $\overline{00}$ 09'18	1°14'47	direct	-3347 Aug 20 j 05:00	1° $\overline{05}$ 11'34	
max. Earth dist.	-3349 Mar 14 j 13:01	26° $\overline{00}$ 54'52	1.73513 AU	greatest brilliancy	-3347 Sep 03 j 05:56	4° $\overline{05}$ 45'56	-4.6m
	-3349 Mar 17 j 01:17	0° $\overline{08}$			-3347 Oct 05 j 12:33	0° $\overline{02}$	
	-3349 Apr 10 j 11:43	0° $\overline{09}$		asc. node	-3347 Oct 06 j 21:13	1° $\overline{02}$ 21'06	
evening rise	-3349 Apr 19 j 06:47	10° $\overline{09}$ 47'01		morning max el	-3347 Oct 09 j 22:16	4° $\overline{02}$ 25'31	46°50'36
asc. node	-3349 Apr 22 j 02:09	14° $\overline{09}$ 13'31			-3347 Nov 02 j 11:00	0° $\overline{07}$	
greatest brilliancy	-3349 Apr 29 j 09:29	23° $\overline{09}$ 10'52	-3.9m		-3347 Nov 28 j 03:28	0° $\overline{02}$	
	-3349 May 04 j 23:01	0° $\overline{08}$			-3347 Dec 23 j 02:41	0° $\overline{07}$	
	-3349 May 29 j 11:08	0° $\overline{02}$			-3346 Jan 16 j 20:36	0° $\overline{27}$	
	-3349 Jun 23 j 00:40	0° $\overline{05}$		desc. node	-3346 Jan 26 j 16:41	11° $\overline{07}$ 57'01	
	-3349 Jul 17 j 17:15	0° $\overline{02}$			-3346 Feb 10 j 13:07	0° $\overline{03}$	
desc. node	-3349 Aug 11 j 20:06	0° $\overline{07}$ 12'37			-3346 Mar 07 j 04:54	0° $\overline{00}$	
	-3349 Aug 11 j 15:53	0° $\overline{07}$			-3346 Mar 31 j 19:33	0° $\overline{08}$	
	-3349 Sep 06 j 02:02	0° $\overline{02}$		morning set	-3346 Apr 13 j 22:48	16° $\overline{08}$ 02'45	
	-3349 Oct 02 j 12:51	0° $\overline{07}$			-3346 Apr 25 j 08:23	0° $\overline{09}$	
evening max el	-3349 Oct 17 j 16:59	16° $\overline{07}$ 06'57	47°31'31	max. Earth dist.	-3346 May 17 j 00:31	26° $\overline{09}$ 36'15	1.73495 AU
	-3349 Nov 01 j 01:29	0° $\overline{27}$					
greatest brilliancy	-3349 Nov 24 j 12:13	16° $\overline{07}$ 52'34	-4.7m	superior conj	-3346 May 19 j 20:58	0° $\overline{08}$ 06'51	0°00'40
asc. node	-3349 Dec 02 j 18:10	19° $\overline{07}$ 43'18		minimum elong	-3346 May 19 j 20:50	0° $\overline{08}$ 06'27	0°00'42

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

behind sun begin	-3346 May 18 j 22:50	28° Υ 58'45		direct	-3344 Nov 01 j 18:32	16° \mathbb{M} 34'30	
behind sun end	-3346 May 20 j 18:50	1° \mathcal{B} 14'10		asc. node	-3344 Nov 03 j 08:36	16° \mathbb{M} 37'33	
asc. node	-3346 May 19 j 14:17	29° Υ 46'15		greatest brilliancy	-3344 Nov 13 j 21:42	19° \mathbb{M} 20'15	-4.7m
	-3346 May 19 j 18:44	0° \mathcal{B}			-3344 Nov 30 j 17:40	0° $\underline{\mathcal{B}}$	
	-3346 Jun 13 j 02:12	0° \mathbb{I}		morning max el	-3344 Dec 22 j 04:03	19° $\underline{\mathcal{B}}$ 36'19	46°40'16
evening rise	-3346 Jun 24 j 12:15	14° \mathbb{I} 08'21			-3343 Jan 01 j 05:10	0° \mathbb{M}	
	-3346 Jul 07 j 07:08	0° \mathcal{E}			-3343 Jan 28 j 10:04	0° \mathcal{A}	
	-3346 Jul 31 j 10:53	0° \mathcal{Q}		desc. node	-3343 Feb 23 j 04:25	29° \mathcal{A} 41'31	
	-3346 Aug 24 j 15:17	0° \mathbb{M}			-3343 Feb 23 j 10:45	0° \mathcal{C}	
desc. node	-3346 Sep 08 j 08:19	18° \mathbb{M} 11'13			-3343 Mar 20 j 22:46	0° \approx	
	-3346 Sep 17 j 22:22	0° $\underline{\mathcal{B}}$			-3343 Apr 15 j 02:40	0° \mathcal{H}	
	-3346 Oct 12 j 10:23	0° \mathbb{M}			-3343 May 09 j 23:49	0° Υ	
	-3346 Nov 06 j 07:49	0° \mathcal{A}			-3343 Jun 03 j 14:23	0° \mathcal{B}	
	-3346 Dec 02 j 01:49	0° \mathcal{C}		asc. node	-3343 Jun 16 j 02:27	15° \mathcal{B} 22'11	
evening max el	-3346 Dec 27 j 18:29	27° \mathcal{C} 40'44	46°22'43	morning set	-3343 Jun 19 j 19:44	19° \mathcal{B} 57'36	
asc. node	-3346 Dec 30 j 06:01	0° \approx 08'57			-3343 Jun 27 j 22:31	0° \mathbb{I}	
	-3346 Dec 30 j 02:23	0° \approx			-3343 Jul 22 j 01:03	0° \mathcal{E}	
greatest brilliancy	-3345 Jan 31 j 17:07	25° \approx 47'29	-4.5m	max. Earth dist.	-3343 Jul 22 j 07:23	0° \mathcal{E} 19'47	1.71987 AU
retrograde	-3345 Feb 15 j 15:56	29° \approx 46'27					
evening set	-3345 Mar 05 j 04:24	23° \approx 49'17		superior conj	-3343 Jul 26 j 12:43	5° \mathcal{E} 36'34	1°16'19
inferior conj	-3345 Mar 09 j 00:54	21° \approx 23'44	7°41'36	minimum elong	-3343 Jul 26 j 05:41	5° \mathcal{E} 14'34	1°16'17
minimum elong	-3345 Mar 09 j 07:13	21° \approx 13'40	7°40'52		-3343 Aug 14 j 23:44	0° \mathcal{Q}	
min. Earth dist.	-3345 Mar 09 j 02:25	21° \approx 21'19	0.29228 AU	evening rise	-3343 Sep 02 j 13:51	23° \mathcal{Q} 20'57	
morning rise	-3345 Mar 13 j 10:14	18° \approx 39'17			-3343 Sep 07 j 20:56	0° \mathbb{M}	
direct	-3345 Mar 30 j 15:54	13° \approx 00'01			-3343 Oct 01 j 18:50	0° $\underline{\mathcal{B}}$	
greatest brilliancy	-3345 Apr 12 j 03:46	15° \approx 46'20	-4.5m	desc. node	-3343 Oct 05 j 20:28	5° $\underline{\mathcal{B}}$ 05'31	
desc. node	-3345 Apr 21 j 01:14	20° \approx 26'48			-3343 Oct 25 j 19:02	0° \mathbb{M}	
	-3345 May 04 j 03:42	0° \mathcal{H}			-3343 Nov 18 j 22:56	0° \mathcal{A}	
morning max el	-3345 May 18 j 12:17	12° \mathcal{H} 49'12	45°48'52		-3343 Dec 13 j 09:05	0° \mathcal{C}	
	-3345 Jun 04 j 14:30	0° Υ			-3342 Jan 07 j 06:51	0° \approx	
	-3345 Jul 01 j 21:47	0° \mathcal{B}		asc. node	-3342 Jan 26 j 17:49	22° \approx 43'31	
	-3345 Jul 27 j 14:25	0° \mathbb{I}			-3342 Feb 02 j 03:27	0° \mathcal{H}	
asc. node	-3345 Aug 12 j 00:09	18° \mathbb{I} 33'41			-3342 Mar 02 j 02:10	0° Υ	
	-3345 Aug 21 j 08:47	0° \mathcal{E}		evening max el	-3342 Mar 08 j 13:20	6° Υ 21'08	45°14'21
	-3345 Sep 14 j 13:25	0° \mathcal{Q}			-3342 Apr 07 j 05:50	0° \mathcal{B}	
	-3345 Oct 08 j 10:52	0° \mathbb{M}		greatest brilliancy	-3342 Apr 11 j 19:41	2° \mathcal{B} 20'41	-4.5m
	-3345 Nov 01 j 06:17	0° $\underline{\mathcal{B}}$		retrograde	-3342 Apr 25 j 20:11	5° \mathcal{B} 46'03	
morning set	-3345 Nov 16 j 14:39	19° $\underline{\mathcal{B}}$ 18'49		evening set	-3342 May 10 j 21:30	1° \mathcal{B} 27'31	
	-3345 Nov 25 j 02:56	0° \mathbb{M}			-3342 May 13 j 11:32	30° $\mathcal{R}\Upsilon$	
desc. node	-3345 Dec 01 j 18:44	8° \mathbb{M} 20'52		inferior conj	-3342 May 17 j 06:53	27° Υ 40'59	0°17'24
	-3345 Dec 19 j 02:14	0° \mathcal{A}		minimum elong	-3342 May 17 j 07:32	27° Υ 39'59	0°17'16
				min. Earth dist.	-3342 May 17 j 21:19	27° Υ 18'37	0.28837 AU
superior conj	-3345 Dec 28 j 17:35	12° \mathcal{A} 01'08	0°-57'-13	desc. node	-3342 May 18 j 12:54	26° Υ 54'30	
minimum elong	-3345 Dec 28 j 06:20	11° \mathcal{A} 26'07	0°56'57	morning rise	-3342 May 23 j 16:50	23° Υ 51'17	
max. Earth dist.	-3344 Jan 02 j 06:57	17° \mathcal{A} 41'35	1.72048 AU	direct	-3342 Jun 08 j 00:03	19° Υ 22'29	
	-3344 Jan 12 j 04:30	0° \mathcal{C}		greatest brilliancy	-3342 Jun 22 j 14:52	23° Υ 03'41	-4.5m
	-3344 Feb 05 j 09:53	0° \approx			-3342 Jul 04 j 03:48	0° \mathcal{B}	
evening rise	-3344 Feb 06 j 17:27	1° \approx 37'30		morning max el	-3342 Jul 27 j 11:44	20° \mathcal{B} 07'45	46°16'04
	-3344 Feb 29 j 18:54	0° \mathcal{H}			-3342 Aug 06 j 05:47	0° \mathbb{I}	
asc. node	-3344 Mar 23 j 16:00	27° \mathcal{H} 56'49			-3342 Sep 02 j 09:28	0° \mathcal{E}	
	-3344 Mar 25 j 08:32	0° Υ		asc. node	-3342 Sep 08 j 11:52	7° \mathcal{E} 05'58	
	-3344 Apr 19 j 04:02	0° \mathcal{B}			-3342 Sep 27 j 16:42	0° \mathcal{Q}	
	-3344 May 14 j 07:15	0° \mathbb{I}			-3342 Oct 22 j 04:00	0° \mathbb{M}	
	-3344 Jun 08 j 21:59	0° \mathcal{E}			-3342 Nov 15 j 07:21	0° $\underline{\mathcal{B}}$	
	-3344 Jul 05 j 09:31	0° \mathcal{Q}			-3342 Dec 09 j 09:23	0° \mathbb{M}	
desc. node	-3344 Jul 13 j 10:15	8° \mathcal{Q} 46'27		desc. node	-3342 Dec 29 j 06:53	24° \mathbb{M} 43'02	
	-3344 Aug 02 j 21:57	0° \mathbb{M}			-3341 Jan 02 j 13:06	0° \mathcal{A}	
evening max el	-3344 Aug 02 j 18:21	29° \mathcal{Q} 51'09	46°54'48		-3341 Jan 26 j 19:06	0° \mathcal{C}	
greatest brilliancy	-3344 Sep 11 j 08:49	29° \mathbb{M} 45'12	-4.7m	morning set	-3341 Feb 01 j 00:19	6° \mathcal{C} 26'32	
	-3344 Sep 12 j 01:04	0° $\underline{\mathcal{B}}$			-3341 Feb 20 j 02:59	0° \approx	
retrograde	-3344 Sep 21 j 22:16	1° $\underline{\mathcal{B}}$ 49'18					
	-3344 Oct 01 j 10:14	30° $\mathcal{R}\mathbb{M}$		superior conj	-3341 Mar 11 j 07:57	23° \approx 38'03	-1°-16'-15
evening set	-3344 Oct 07 j 14:36	27° \mathbb{M} 02'38		minimum elong	-3341 Mar 11 j 14:57	23° \approx 59'32	1°16'12
inferior conj	-3344 Oct 12 j 11:39	24° \mathbb{M} 08'58	-5°-17'-52	max. Earth dist.	-3341 Mar 12 j 08:02	24° \approx 52'02	1.73487 AU
minimum elong	-3344 Oct 12 j 21:45	23° \mathbb{M} 53'34	5°15'13		-3341 Mar 16 j 12:16	0° \mathcal{H}	
min. Earth dist.	-3344 Oct 12 j 16:03	24° \mathbb{M} 02'15	0.26398 AU		-3341 Apr 09 j 22:44	0° Υ	
morning rise	-3344 Oct 18 j 04:50	20° \mathbb{M} 47'55		evening rise	-3341 Apr 17 j 01:38	8° Υ 43'54	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3341 Apr 21 j 04:13	13°Υ45'59			-3339 Oct 05 j 12:31	0°Ω	
greatest brilliancy	-3341 Apr 30 j 18:51	25°Υ32'33	-3.9m	morning max el	-3339 Oct 07 j 11:49	1°Ω59'50	46°49'55
	-3341 May 04 j 10:10	0°Ϡ			-3339 Nov 02 j 03:54	0°η	
	-3341 May 28 j 22:34	0°Π			-3339 Nov 27 j 17:53	0°♁	
	-3341 Jun 22 j 12:32	0°☿			-3339 Dec 22 j 15:49	0°♌	
	-3341 Jul 17 j 05:47	0°Ω			-3338 Jan 16 j 08:57	0°♁	
desc. node	-3341 Aug 10 j 22:09	29°Ω38'15		desc. node	-3338 Jan 25 j 18:41	11°♁26'13	
	-3341 Aug 11 j 05:27	0°η			-3338 Feb 10 j 00:55	0°☿	
	-3341 Sep 05 j 17:22	0°♁			-3338 Mar 06 j 16:18	0°≈	
	-3341 Oct 02 j 07:47	0°♌			-3338 Mar 31 j 06:40	0°♁	
evening max el	-3341 Oct 15 j 08:11	13°♌45'09	47°32'22	morning set	-3338 Apr 11 j 17:26	13°♁59'22	
	-3341 Nov 01 j 09:04	0°♁			-3338 Apr 24 j 19:20	0°Υ	
greatest brilliancy	-3341 Nov 22 j 04:01	14°♁30'10	-4.7m	max. Earth dist.	-3338 May 14 j 21:33	24°Υ39'53	1.73523 AU
asc. node	-3341 Dec 01 j 20:27	17°♁35'39					
retrograde	-3341 Dec 05 j 12:40	17°♁52'13		superior conj	-3338 May 17 j 16:03	28°Υ04'22	0°-2'-25
evening set	-3341 Dec 20 j 21:06	13°♁05'53		minimum elong	-3338 May 17 j 16:29	28°Υ05'44	0°02'20
min. Earth dist.	-3341 Dec 25 j 07:40	10°♁24'17	0.27472 AU	behind sun begin	-3338 May 16 j 18:37	26°Υ58'26	
inferior conj	-3341 Dec 26 j 10:00	9°♁42'49	5°36'52	behind sun end	-3338 May 18 j 14:22	29°Υ13'03	
minimum elong	-3341 Dec 26 j 00:38	9°♁57'35	5°34'37	asc. node	-3338 May 18 j 16:30	29°Υ19'38	
morning rise	-3341 Dec 31 j 04:51	6°♁47'04			-3338 May 19 j 05:38	0°Ϡ	
direct	-3340 Jan 16 j 00:33	1°♁48'50			-3338 Jun 12 j 13:10	0°Π	
greatest brilliancy	-3340 Jan 26 j 15:50	3°♁54'28	-4.6m	evening rise	-3338 Jun 22 j 07:03	12°Π03'40	
	-3340 Mar 02 j 15:32	0°☿			-3338 Jul 06 j 18:18	0°☿	
morning max el	-3340 Mar 05 j 03:39	2°☿23'12	46°02'33		-3338 Jul 30 j 22:20	0°Ω	
desc. node	-3340 Mar 22 j 15:57	20°☿05'12			-3338 Aug 24 j 03:08	0°η	
	-3340 Mar 31 j 23:00	0°≈		desc. node	-3338 Sep 07 j 10:18	17°η40'06	
	-3340 Apr 27 j 21:03	0°♁			-3338 Sep 17 j 10:40	0°♁	
	-3340 May 23 j 17:29	0°Υ			-3338 Oct 11 j 23:21	0°♌	
	-3340 Jun 17 j 21:30	0°Ϡ			-3338 Nov 05 j 21:50	0°♁	
	-3340 Jul 12 j 12:48	0°Π			-3338 Dec 01 j 18:05	0°☿	
asc. node	-3340 Jul 13 j 14:26	1°Π18'50		evening max el	-3338 Dec 25 j 09:45	25°☿23'59	46°25'42
	-3340 Aug 05 j 17:59	0°☿		asc. node	-3338 Dec 29 j 08:06	29°☿18'00	
greatest brilliancy	-3340 Aug 22 j 04:24	20°☿34'48	-3.9m		-3338 Dec 30 j 01:22	0°≈	
morning set	-3340 Aug 29 j 03:44	29°☿20'49		greatest brilliancy	-3337 Jan 29 j 11:48	23°≈39'39	-4.5m
	-3340 Aug 29 j 16:11	0°Ω		retrograde	-3337 Feb 13 j 08:32	27°≈36'43	
	-3340 Sep 22 j 11:00	0°η		evening set	-3337 Mar 02 j 23:03	21°≈37'05	
				inferior conj	-3337 Mar 06 j 17:45	19°≈14'02	7°48'40
superior conj	-3340 Oct 07 j 21:24	19°η28'46	0°54'58	minimum elong	-3337 Mar 06 j 23:33	19°≈04'46	7°48'03
minimum elong	-3340 Oct 08 j 08:37	20°η04'10	0°54'35	min. Earth dist.	-3337 Mar 06 j 18:17	19°≈13'11	0.29204 AU
max. Earth dist.	-3340 Oct 09 j 19:58	21°η55'40	1.70892 AU	morning rise	-3337 Mar 11 j 00:14	16°≈33'31	
	-3340 Oct 16 j 05:36	0°♁		direct	-3337 Mar 28 j 08:11	10°≈50'55	
desc. node	-3340 Nov 02 j 08:43	21°♁33'35		greatest brilliancy	-3337 Apr 09 j 17:01	13°≈33'45	-4.5m
	-3340 Nov 09 j 02:00	0°♌		desc. node	-3337 Apr 20 j 03:24	19°≈11'33	
evening rise	-3340 Nov 19 j 07:03	12°♌48'08			-3337 May 04 j 09:44	0°♁	
	-3340 Dec 03 j 01:11	0°♁		morning max el	-3337 May 16 j 03:21	10°♁37'13	45°48'37
	-3340 Dec 27 j 03:54	0°☿			-3337 Jun 04 j 07:55	0°Υ	
	-3339 Jan 20 j 11:45	0°≈			-3337 Jul 01 j 11:52	0°Ϡ	
	-3339 Feb 14 j 03:39	0°♁			-3337 Jul 27 j 03:05	0°Π	
asc. node	-3339 Feb 23 j 05:55	10°♁55'09		asc. node	-3337 Aug 11 j 02:13	18°Π02'51	
	-3339 Mar 11 j 08:11	0°Υ			-3337 Aug 20 j 20:45	0°☿	
	-3339 Apr 06 j 08:55	0°Ϡ			-3337 Sep 14 j 01:04	0°Ω	
	-3339 May 03 j 23:16	0°Π			-3337 Oct 07 j 22:21	0°η	
evening max el	-3339 May 18 j 19:37	14°Π49'42	45°28'39		-3337 Oct 31 j 17:39	0°♁	
	-3339 Jun 05 j 03:02	0°☿		morning set	-3337 Nov 14 j 00:13	16°♁42'31	
desc. node	-3339 Jun 15 j 00:41	7°☿01'39			-3337 Nov 24 j 14:11	0°♌	
greatest brilliancy	-3339 Jun 25 j 03:57	12°☿13'19	-4.5m	desc. node	-3337 Nov 30 j 20:54	7°♌52'28	
retrograde	-3339 Jul 06 j 15:48	14°☿33'01			-3337 Dec 18 j 13:24	0°♁	
evening set	-3339 Jul 23 j 12:58	9°☿13'29					
inferior conj	-3339 Jul 27 j 16:15	6°☿45'45	-8°-7'-2	superior conj	-3337 Dec 26 j 04:09	9°♁29'51	0°-54'-21
minimum elong	-3339 Jul 27 j 08:26	6°☿57'36	8°05'59	minimum elong	-3337 Dec 25 j 17:00	8°♁55'06	0°54'04
min. Earth dist.	-3339 Jul 27 j 23:57	6°☿34'03	0.27691 AU	max. Earth dist.	-3337 Dec 30 j 20:21	15°♁19'18	1.71986 AU
morning rise	-3339 Jul 31 j 03:43	4°☿40'34			-3336 Jan 11 j 15:36	0°☿	
	-3339 Aug 10 j 05:10	30°♌11		evening rise	-3336 Feb 04 j 07:20	29°☿17'57	
direct	-3339 Aug 17 j 19:46	28°Π50'18			-3336 Feb 04 j 20:57	0°≈	
	-3339 Aug 25 j 15:12	0°☿			-3336 Feb 29 j 06:02	0°♁	
greatest brilliancy	-3339 Aug 31 j 20:11	2°☿23'51	-4.6m	asc. node	-3336 Mar 22 j 18:07	27°♁28'52	
asc. node	-3339 Oct 05 j 23:19	0°Ω27'14			-3336 Mar 24 j 19:52	0°Υ	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3336 Apr 18 j 15:49	0°♄				-3334 Nov 14 j 19:07	0°♊	
	-3336 May 13 j 19:50	0°♈				-3334 Dec 08 j 20:52	0°♌	
	-3336 Jun 08 j 12:00	0°♊		desc. node		-3334 Dec 28 j 08:51	24°♌14'10	
	-3336 Jul 05 j 02:22	0°♈				-3333 Jan 02 j 00:21	0°♈	
desc. node	-3336 Jul 12 j 12:17	8°♈03'01				-3333 Jan 26 j 06:08	0°♈	
evening max el	-3336 Jul 31 j 05:51	27°♈22'48	46°51'46	morning set		-3333 Jan 29 j 13:28	4°♈04'59	
	-3336 Aug 02 j 22:28	0°♈				-3333 Feb 19 j 13:49	0°♈	
greatest brilliancy	-3336 Sep 08 j 22:46	27°♈17'00	-4.7m					
retrograde	-3336 Sep 19 j 09:23	29°♈18'52		superior conj		-3333 Mar 09 j 00:33	21°♈28'26	-1°-17'-33
evening set	-3336 Oct 05 j 05:40	24°♈27'47		minimum elong		-3333 Mar 09 j 07:06	21°♈48'35	1°17'32
inferior conj	-3336 Oct 09 j 23:36	21°♈38'57	-5°-37'-29	max. Earth dist.		-3333 Mar 10 j 04:06	22°♈53'09	1.73457 AU
minimum elong	-3336 Oct 10 j 10:00	21°♈23'07	5°34'50			-3333 Mar 15 j 23:01	0°♈	
min. Earth dist.	-3336 Oct 10 j 05:31	21°♈29'57	0.26421 AU			-3333 Apr 09 j 09:29	0°♈	
morning rise	-3336 Oct 15 j 14:09	18°♈21'26		evening rise		-3333 Apr 14 j 20:10	6°♈40'37	
direct	-3336 Oct 30 j 06:14	14°♈03'53		asc. node		-3333 Apr 20 j 06:24	13°♈19'38	
asc. node	-3336 Nov 02 j 10:53	14°♈16'09				-3333 May 03 j 21:04	0°♈	
greatest brilliancy	-3336 Nov 11 j 13:09	16°♈53'21	-4.7m			-3333 May 28 j 09:45	0°♈	
	-3336 Dec 01 j 07:30	0°♈				-3333 Jun 22 j 00:11	0°♈	
morning max el	-3336 Dec 19 j 16:38	17°♈08'21	46°41'30			-3333 Jul 16 j 18:07	0°♈	
	-3335 Jan 01 j 00:56	0°♈		desc. node		-3333 Aug 10 j 00:15	29°♈04'47	
	-3335 Jan 28 j 01:26	0°♈				-3333 Aug 10 j 18:49	0°♈	
desc. node	-3335 Feb 22 j 06:30	29°♈08'27				-3333 Sep 05 j 08:30	0°♈	
	-3335 Feb 23 j 00:08	0°♈				-3333 Oct 02 j 02:43	0°♈	
	-3335 Mar 20 j 11:02	0°♈		evening max el		-3333 Oct 13 j 00:04	11°♈26'30	47°33'07
	-3335 Apr 14 j 14:16	0°♈				-3333 Nov 01 j 18:37	0°♈	
	-3335 May 09 j 10:59	0°♈		greatest brilliancy		-3333 Nov 19 j 20:02	12°♈09'19	-4.7m
	-3335 Jun 03 j 01:19	0°♈		asc. node		-3333 Nov 30 j 22:27	15°♈23'58	
asc. node	-3335 Jun 15 j 04:33	14°♈55'05		retrograde		-3333 Dec 03 j 04:07	15°♈30'09	
morning set	-3335 Jun 17 j 13:42	17°♈51'21		evening set		-3333 Dec 18 j 09:10	10°♈47'47	
	-3335 Jun 27 j 09:22	0°♈		min. Earth dist.		-3333 Dec 22 j 21:42	8°♈03'29	0.27397 AU
max. Earth dist.	-3335 Jul 20 j 01:17	28°♈11'52	1.72047 AU	inferior conj		-3333 Dec 24 j 00:21	7°♈21'34	5°20'23
	-3335 Jul 21 j 11:54	0°♈		minimum elong		-3333 Dec 23 j 15:07	7°♈36'06	5°18'04
				morning rise		-3333 Dec 28 j 21:52	4°♈22'31	
superior conj	-3335 Jul 24 j 05:17	3°♈24'20	1°14'51			-3332 Jan 08 j 14:30	30°♈	
minimum elong	-3335 Jul 23 j 21:49	3°♈01'01	1°14'48	direct		-3332 Jan 13 j 14:44	29°♈28'56	
	-3335 Aug 14 j 10:41	0°♈				-3332 Jan 18 j 18:17	0°♈	
evening rise	-3335 Aug 31 j 02:48	20°♈56'14		greatest brilliancy		-3332 Jan 24 j 04:48	1°♈34'09	-4.6m
	-3335 Sep 07 j 08:02	0°♈				-3332 Mar 02 j 15:00	0°♈	
	-3335 Oct 01 j 06:08	0°♈		morning max el		-3332 Mar 02 j 19:04	0°♈09'48	46°03'34
desc. node	-3335 Oct 04 j 22:38	4°♈36'52		desc. node		-3332 Mar 21 j 18:07	19°♈24'19	
	-3335 Oct 25 j 06:34	0°♈				-3332 Mar 31 j 15:03	0°♈	
	-3335 Nov 18 j 10:46	0°♈				-3332 Apr 27 j 10:30	0°♈	
	-3335 Dec 12 j 21:20	0°♈				-3332 May 23 j 05:40	0°♈	
	-3334 Jan 06 j 19:57	0°♈				-3332 Jun 17 j 09:01	0°♈	
asc. node	-3334 Jan 25 j 19:53	22°♈08'26				-3332 Jul 11 j 23:57	0°♈	
	-3334 Feb 01 j 18:23	0°♈		asc. node		-3332 Jul 12 j 16:25	0°♈50'39	
	-3334 Mar 01 j 22:21	0°♈				-3332 Aug 05 j 04:59	0°♈	
evening max el	-3334 Mar 06 j 04:35	4°♈09'26	45°15'39	greatest brilliancy		-3332 Aug 22 j 13:10	21°♈43'17	-3.9m
	-3334 Apr 09 j 01:15	0°♈		morning set		-3332 Aug 26 j 17:22	26°♈58'16	
greatest brilliancy	-3334 Apr 09 j 08:56	0°♈08'54	-4.5m			-3332 Aug 29 j 03:08	0°♈	
retrograde	-3334 Apr 23 j 12:44	3°♈37'48				-3332 Sep 21 j 21:57	0°♈	
	-3334 May 07 j 05:49	30°♈						
evening set	-3334 May 08 j 14:34	29°♈17'13		superior conj		-3332 Oct 05 j 07:52	16°♈55'45	0°57'52
inferior conj	-3334 May 14 j 22:59	25°♈31'44	0°37'07	minimum elong		-3332 Oct 05 j 19:08	17°♈31'17	0°57'29
minimum elong	-3334 May 15 j 00:21	25°♈29'37	0°36'45	max. Earth dist.		-3332 Oct 07 j 01:15	19°♈06'18	1.70884 AU
min. Earth dist.	-3334 May 15 j 13:30	25°♈09'15	0.28872 AU			-3332 Oct 15 j 16:35	0°♈	
desc. node	-3334 May 17 j 15:06	23°♈52'57		desc. node		-3332 Nov 01 j 10:54	21°♈05'53	
morning rise	-3334 May 21 j 09:30	21°♈41'26				-3332 Nov 08 j 13:01	0°♈	
direct	-3334 Jun 05 j 16:33	17°♈12'29		evening rise		-3332 Nov 16 j 16:13	10°♈12'04	
greatest brilliancy	-3334 Jun 20 j 07:49	20°♈54'41	-4.5m			-3332 Dec 02 j 12:13	0°♈	
	-3334 Jul 04 j 18:57	0°♈				-3332 Dec 26 j 15:01	0°♈	
morning max el	-3334 Jul 25 j 04:17	17°♈56'53	46°14'52			-3331 Jan 19 j 23:04	0°♈	
	-3334 Aug 06 j 00:36	0°♈				-3331 Feb 13 j 15:24	0°♈	
	-3334 Sep 02 j 00:10	0°♈		asc. node		-3331 Feb 22 j 08:02	10°♈25'42	
asc. node	-3334 Sep 07 j 13:59	6°♈30'32				-3331 Mar 10 j 20:47	0°♈	
	-3334 Sep 27 j 05:45	0°♈				-3331 Apr 05 j 23:17	0°♈	
	-3334 Oct 21 j 16:13	0°♈				-3331 May 03 j 17:55	0°♈	

Planetary Phenomena of Venus from -3400 through -2900 (UT), Astrodienst AG 7-Dez-2017 14:39, page 15

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3331 May 16 j 10:13	12° II 34'54	45°26'36			-3329 Oct 31 j 04:52	0° L	
	-3331 Jun 05 j 16:48	0° S		morning set		-3329 Nov 11 j 09:47	14° L 06'30	
desc. node	-3331 Jun 14 j 02:41	5° S 39'08				-3329 Nov 24 j 01:19	0° M	
greatest brilliancy	-3331 Jun 22 j 16:08	9° S 53'54	-4.5m	desc. node		-3329 Nov 29 j 22:52	7° M 23'46	
retrograde	-3331 Jul 04 j 04:38	12° S 14'08				-3329 Dec 18 j 00:27	0° J	
evening set	-3331 Jul 20 j 22:45	7° S 00'11						
inferior conj	-3331 Jul 25 j 05:58	4° S 26'34	-7°-57'-18	superior conj		-3329 Dec 23 j 14:41	6° J 58'44	0°-51'-23
minimum elong	-3331 Jul 24 j 21:37	4° S 39'17	7°56'06	minimum elong		-3329 Dec 23 j 03:43	6° J 24'31	0°51'04
min. Earth dist.	-3331 Jul 25 j 13:36	4° S 14'58	0.27736 AU	max. Earth dist.		-3329 Dec 28 j 06:41	12° J 47'42	1.71922 AU
morning rise	-3331 Jul 28 j 20:15	2° S 16'57				-3328 Jan 11 j 02:35	0° S	
	-3331 Aug 02 j 00:44	30° R II		evening rise		-3328 Feb 01 j 21:16	26° S 58'57	
direct	-3331 Aug 15 j 10:09	26° II 30'22				-3328 Feb 04 j 07:53	0° \approx	
	-3331 Aug 29 j 08:00	0° S				-3328 Feb 28 j 17:00	0° K	
greatest brilliancy	-3331 Aug 29 j 10:51	0° S 03'24	-4.6m	asc. node		-3328 Mar 21 j 20:20	27° K 01'39	
morning max el	-3331 Oct 05 j 00:39	29° S 33'14	46°49'18			-3328 Mar 24 j 07:04	0° Y	
asc. node	-3331 Oct 05 j 01:31	29° S 35'26				-3328 Apr 18 j 03:29	0° B	
	-3331 Oct 05 j 11:08	0° Q				-3328 May 13 j 08:23	0° II	
	-3331 Nov 01 j 20:12	0° M				-3328 Jun 08 j 02:06	0° S	
	-3331 Nov 27 j 07:50	0° L				-3328 Jul 04 j 19:32	0° Q	
	-3331 Dec 22 j 04:32	0° M		desc. node		-3328 Jul 11 j 14:24	7° Q 19'16	
	-3330 Jan 15 j 20:53	0° J		evening max el		-3328 Jul 28 j 17:37	24° Q 55'23	46°48'48
desc. node	-3330 Jan 24 j 20:48	10° J 56'56				-3328 Aug 03 j 00:13	0° M	
	-3330 Feb 09 j 12:20	0° S		greatest brilliancy		-3328 Sep 06 j 11:47	24° M 48'07	-4.7m
	-3330 Mar 06 j 03:21	0° \approx		retrograde		-3328 Sep 16 j 21:02	26° M 49'01	
	-3330 Mar 30 j 17:29	0° K		evening set		-3328 Oct 02 j 20:50	21° M 53'04	
morning set	-3330 Apr 09 j 12:00	11° K 56'34		inferior conj		-3328 Oct 07 j 11:34	19° M 09'10	-5°-56'-12
	-3330 Apr 24 j 06:01	0° Y		minimum elong		-3328 Oct 07 j 22:12	18° M 53'01	5°53'36
max. Earth dist.	-3330 May 12 j 17:15	22° Y 40'11	1.73551 AU	min. Earth dist.		-3328 Oct 07 j 18:37	18° M 58'28	0.26447 AU
				morning rise		-3328 Oct 12 j 23:20	15° M 55'46	
superior conj	-3330 May 15 j 11:02	26° Y 02'24	0°-5'-27	direct		-3328 Oct 27 j 18:20	11° M 33'27	
minimum elong	-3330 May 15 j 12:06	26° Y 05'40	0°05'22	asc. node		-3328 Nov 01 j 12:57	12° M 00'40	
behind sun begin	-3330 May 14 j 15:09	25° Y 01'17		greatest brilliancy		-3328 Nov 09 j 04:27	14° M 26'37	-4.7m
behind sun end	-3330 May 16 j 09:02	27° Y 10'04				-3328 Dec 01 j 17:49	0° L	
asc. node	-3330 May 17 j 18:34	28° Y 53'12		morning max el		-3328 Dec 17 j 06:15	14° L 42'52	46°42'40
	-3330 May 18 j 16:17	0° B				-3328 Dec 31 j 20:08	0° M	
	-3330 Jun 11 j 23:53	0° II				-3327 Jan 27 j 16:36	0° J	
evening rise	-3330 Jun 20 j 01:49	9° II 59'45		desc. node		-3327 Feb 21 j 08:39	28° J 35'42	
	-3330 Jul 06 j 05:14	0° S				-3327 Feb 22 j 13:25	0° S	
	-3330 Jul 30 j 09:35	0° Q				-3327 Mar 19 j 23:14	0° \approx	
	-3330 Aug 23 j 14:46	0° M				-3327 Apr 14 j 01:47	0° K	
desc. node	-3330 Sep 06 j 12:29	17° M 10'09				-3327 May 08 j 22:06	0° Y	
	-3330 Sep 16 j 22:48	0° L				-3327 Jun 02 j 12:14	0° B	
	-3330 Oct 11 j 12:09	0° M		asc. node		-3327 Jun 14 j 06:36	14° B 27'50	
	-3330 Nov 05 j 11:46	0° J		morning set		-3327 Jun 15 j 07:57	15° B 46'00	
	-3330 Dec 01 j 10:21	0° S				-3327 Jun 26 j 20:15	0° II	
evening max el	-3330 Dec 23 j 00:17	23° S 06'09	46°28'50	max. Earth dist.		-3327 Jul 17 j 18:33	26° II 01'46	1.72110 AU
asc. node	-3330 Dec 28 j 10:11	28° S 27'05				-3327 Jul 20 j 22:51	0° S	
	-3330 Dec 30 j 00:56	0° \approx						
greatest brilliancy	-3329 Jan 27 j 05:51	21° \approx 32'03	-4.6m	superior conj		-3327 Jul 21 j 21:58	1° S 12'15	1°13'17
retrograde	-3329 Feb 11 j 01:12	25° \approx 28'37		minimum elong		-3327 Jul 21 j 14:10	0° S 47'52	1°13'13
evening set	-3329 Feb 28 j 17:42	19° \approx 26'33				-3327 Aug 13 j 21:45	0° Q	
inferior conj	-3329 Mar 04 j 10:50	17° \approx 05'52	7°54'59	evening rise		-3327 Aug 28 j 15:51	18° Q 31'28	
minimum elong	-3329 Mar 04 j 16:04	16° \approx 57'29	7°54'28			-3327 Sep 06 j 19:15	0° M	
min. Earth dist.	-3329 Mar 04 j 10:28	17° \approx 06'28	0.29179 AU			-3327 Sep 30 j 17:33	0° L	
morning rise	-3329 Mar 08 j 14:36	14° \approx 29'11		desc. node		-3327 Oct 04 j 00:44	4° L 07'41	
direct	-3329 Mar 26 j 00:19	8° \approx 43'12				-3327 Oct 24 j 18:13	0° M	
greatest brilliancy	-3329 Apr 07 j 07:29	11° \approx 23'49	-4.5m			-3327 Nov 17 j 22:44	0° J	
desc. node	-3329 Apr 19 j 05:34	17° \approx 59'30				-3327 Dec 12 j 09:47	0° S	
	-3329 May 04 j 13:26	0° K				-3326 Jan 06 j 09:16	0° \approx	
morning max el	-3329 May 13 j 18:30	8° K 26'08	45°48'19	asc. node		-3326 Jan 24 j 22:05	21° \approx 33'04	
	-3329 Jun 04 j 00:45	0° Y				-3326 Feb 01 j 09:41	0° K	
	-3329 Jul 01 j 01:39	0° B				-3326 Mar 01 j 19:20	0° Y	
	-3329 Jul 26 j 15:32	0° II		evening max el		-3326 Mar 03 j 20:54	2° Y 00'07	45°17'07
asc. node	-3329 Aug 10 j 04:26	17° II 32'56		greatest brilliancy		-3326 Apr 06 j 23:21	27° Y 58'53	-4.5m
	-3329 Aug 20 j 08:33	0° S				-3326 Apr 12 j 03:13	0° B	
	-3329 Sep 13 j 12:32	0° Q		retrograde		-3326 Apr 21 j 05:36	1° B 30'00	
	-3329 Oct 07 j 09:40	0° M				-3326 Apr 29 j 22:40	30° R Y	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3326 May 06 j 08:05	27° Υ 07'31		superior conj	-3324 Oct 02 j 18:29	14° $\mathring{\text{M}}$ 22'11	1°00'37
inferior conj	-3326 May 12 j 15:22	23° Υ 23'04	0°56'27	minimum elong	-3324 Oct 03 j 05:42	14° $\mathring{\text{M}}$ 57'35	1°00'17
minimum elong	-3326 May 12 j 17:25	23° Υ 19'52	0°55'54	max. Earth dist.	-3324 Oct 04 j 03:29	16° $\mathring{\text{M}}$ 06'17	1.70889 AU
min. Earth dist.	-3326 May 13 j 05:38	23° Υ 00'55	0.28905 AU		-3324 Oct 15 j 03:56	0° Ω	
desc. node	-3326 May 16 j 17:03	20° Υ 53'52		desc. node	-3324 Oct 31 j 12:53	20° Ω 36'20	
morning rise	-3326 May 19 j 02:16	19° Υ 32'19			-3324 Nov 08 j 00:26	0° $\mathring{\text{M}}$	
direct	-3326 Jun 03 j 09:38	15° Υ 03'21		evening rise	-3324 Nov 14 j 00:52	7° $\mathring{\text{M}}$ 32'51	
greatest brilliancy	-3326 Jun 17 j 23:49	18° Υ 44'55	-4.5m		-3324 Dec 01 j 23:42	0° $\mathring{\text{X}}$	
	-3326 Jul 05 j 06:14	0° $\mathring{\text{X}}$			-3324 Dec 26 j 02:36	0° $\mathring{\text{Z}}$	
morning max el	-3326 Jul 22 j 21:00	15° $\mathring{\text{X}}$ 46'26	46°13'24		-3323 Jan 19 j 10:51	0° \approx	
	-3326 Aug 05 j 19:04	0° Π			-3323 Feb 13 j 03:38	0° $\mathring{\text{H}}$	
	-3326 Sep 01 j 14:55	0° $\mathring{\text{S}}$		asc. node	-3323 Feb 21 j 10:13	9° $\mathring{\text{H}}$ 55'01	
asc. node	-3326 Sep 06 j 16:10	5° $\mathring{\text{S}}$ 54'50			-3323 Mar 10 j 09:56	0° Υ	
	-3326 Sep 26 j 18:58	0° Ω			-3323 Apr 05 j 14:18	0° $\mathring{\text{X}}$	
	-3326 Oct 21 j 04:41	0° $\mathring{\text{M}}$			-3323 May 03 j 13:34	0° Π	
	-3326 Nov 14 j 07:07	0° Ω		evening max el	-3323 May 14 j 00:12	10° Π 17'39	45°24'44
	-3326 Dec 08 j 08:34	0° $\mathring{\text{M}}$			-3323 Jun 06 j 11:43	0° $\mathring{\text{S}}$	
desc. node	-3326 Dec 27 j 11:00	23° $\mathring{\text{M}}$ 45'08		desc. node	-3323 Jun 13 j 04:52	4° $\mathring{\text{S}}$ 13'24	
	-3325 Jan 01 j 11:49	0° $\mathring{\text{X}}$		greatest brilliancy	-3323 Jun 20 j 04:37	7° $\mathring{\text{S}}$ 34'17	-4.5m
	-3325 Jan 25 j 17:23	0° $\mathring{\text{Z}}$		retrograde	-3323 Jul 01 j 17:34	9° $\mathring{\text{S}}$ 55'20	
morning set	-3325 Jan 27 j 02:26	1° $\mathring{\text{Z}}$ 42'05		evening set	-3323 Jul 18 j 08:45	4° $\mathring{\text{S}}$ 46'44	
	-3325 Feb 19 j 00:55	0° \approx		inferior conj	-3323 Jul 22 j 19:57	2° $\mathring{\text{S}}$ 07'29	-7°-46'-55
				minimum elong	-3323 Jul 22 j 11:05	2° $\mathring{\text{S}}$ 20'59	7°45'33
superior conj	-3325 Mar 06 j 17:05	19° \approx 17'45	-1°-18'-45	min. Earth dist.	-3323 Jul 23 j 03:46	1° $\mathring{\text{S}}$ 55'33	0.27777 AU
minimum elong	-3325 Mar 06 j 23:10	19° \approx 36'26	1°18'45		-3323 Jul 26 j 08:37	30° $\mathring{\text{R}}$ Π	
max. Earth dist.	-3325 Mar 08 j 01:05	20° \approx 56'09	1.73423 AU	morning rise	-3323 Jul 26 j 13:06	29° Π 53'25	
	-3325 Mar 15 j 10:01	0° $\mathring{\text{H}}$		direct	-3323 Aug 13 j 00:15	24° Π 10'25	
	-3325 Apr 08 j 20:30	0° Υ		greatest brilliancy	-3323 Aug 27 j 02:18	27° Π 43'52	-4.6m
evening rise	-3325 Apr 12 j 14:48	4° Υ 36'50			-3323 Aug 31 j 08:52	0° $\mathring{\text{S}}$	
asc. node	-3325 Apr 19 j 08:28	12° Υ 52'10		morning max el	-3323 Oct 02 j 13:10	27° $\mathring{\text{S}}$ 05'15	46°48'34
	-3325 May 03 j 08:12	0° $\mathring{\text{X}}$		asc. node	-3323 Oct 04 j 03:38	28° $\mathring{\text{S}}$ 43'44	
	-3325 May 27 j 21:09	0° Π			-3323 Oct 05 j 09:08	0° Ω	
	-3325 Jun 21 j 12:03	0° $\mathring{\text{S}}$			-3323 Nov 01 j 12:32	0° $\mathring{\text{M}}$	
	-3325 Jul 16 j 06:43	0° Ω			-3323 Nov 26 j 22:02	0° Ω	
desc. node	-3325 Aug 09 j 02:24	28° Ω 30'32			-3323 Dec 21 j 17:37	0° $\mathring{\text{M}}$	
	-3325 Aug 10 j 08:34	0° $\mathring{\text{M}}$			-3322 Jan 15 j 09:14	0° $\mathring{\text{X}}$	
	-3325 Sep 05 j 00:12	0° Ω		desc. node	-3322 Jan 23 j 23:00	10° $\mathring{\text{X}}$ 26'35	
	-3325 Oct 01 j 22:40	0° $\mathring{\text{M}}$			-3322 Feb 09 j 00:10	0° $\mathring{\text{Z}}$	
evening max el	-3325 Oct 10 j 16:11	9° $\mathring{\text{M}}$ 07'02	47°33'34		-3322 Mar 05 j 14:50	0° \approx	
	-3325 Nov 02 j 08:15	0° $\mathring{\text{X}}$			-3322 Mar 30 j 04:42	0° $\mathring{\text{H}}$	
greatest brilliancy	-3325 Nov 17 j 13:02	9° $\mathring{\text{X}}$ 47'58	-4.7m	morning set	-3322 Apr 07 j 06:10	9° $\mathring{\text{H}}$ 51'17	
asc. node	-3325 Nov 30 j 00:34	13° $\mathring{\text{X}}$ 05'02			-3322 Apr 23 j 17:06	0° Υ	
retrograde	-3325 Nov 30 j 19:16	13° $\mathring{\text{X}}$ 05'47		max. Earth dist.	-3322 May 10 j 13:07	20° Υ 39'49	1.73579 AU
evening set	-3325 Dec 15 j 21:12	8° $\mathring{\text{X}}$ 27'37					
min. Earth dist.	-3325 Dec 20 j 11:45	5° $\mathring{\text{X}}$ 40'22	0.27321 AU	superior conj	-3322 May 13 j 05:56	23° Υ 59'00	0°-8'-29
inferior conj	-3325 Dec 21 j 14:29	4° $\mathring{\text{X}}$ 58'21	5°03'12	minimum elong	-3322 May 13 j 07:35	24° Υ 04'05	0°08'23
minimum elong	-3325 Dec 21 j 05:28	5° $\mathring{\text{X}}$ 12'32	5°00'50	behind sun begin	-3322 May 12 j 12:40	23° Υ 05'56	
morning rise	-3325 Dec 26 j 14:37	1° $\mathring{\text{X}}$ 55'50		behind sun end	-3322 May 14 j 02:30	25° Υ 02'16	
	-3325 Dec 30 j 07:16	30° $\mathring{\text{R}}$ $\mathring{\text{M}}$		asc. node	-3322 May 16 j 20:38	28° Υ 25'36	
direct	-3324 Jan 11 j 04:44	27° $\mathring{\text{M}}$ 07'16			-3322 May 18 j 03:19	0° $\mathring{\text{X}}$	
greatest brilliancy	-3324 Jan 21 j 17:16	29° $\mathring{\text{M}}$ 11'27	-4.6m		-3322 Jun 11 j 11:00	0° Π	
	-3324 Jan 23 j 17:26	0° $\mathring{\text{X}}$		evening rise	-3322 Jun 17 j 20:43	7° Π 55'10	
morning max el	-3324 Feb 29 j 09:31	27° $\mathring{\text{X}}$ 52'43	46°04'37		-3322 Jul 05 j 16:32	0° $\mathring{\text{S}}$	
	-3324 Mar 02 j 13:56	0° $\mathring{\text{Z}}$			-3322 Jul 29 j 21:09	0° Ω	
desc. node	-3324 Mar 20 j 20:16	18° $\mathring{\text{Z}}$ 42'47			-3322 Aug 23 j 02:42	0° $\mathring{\text{M}}$	
	-3324 Mar 31 j 07:14	0° \approx		desc. node	-3322 Sep 05 j 14:36	16° $\mathring{\text{M}}$ 39'10	
	-3324 Apr 27 j 00:11	0° $\mathring{\text{H}}$			-3322 Sep 16 j 11:12	0° Ω	
	-3324 May 22 j 18:08	0° Υ			-3322 Oct 11 j 01:17	0° $\mathring{\text{M}}$	
	-3324 Jun 16 j 20:49	0° $\mathring{\text{X}}$			-3322 Nov 05 j 02:07	0° $\mathring{\text{X}}$	
	-3324 Jul 11 j 11:22	0° Π			-3322 Dec 01 j 03:19	0° $\mathring{\text{Z}}$	
asc. node	-3324 Jul 11 j 18:42	0° Π 22'32		evening max el	-3322 Dec 20 j 14:22	20° $\mathring{\text{Z}}$ 45'37	46°31'48
	-3324 Aug 04 j 16:13	0° $\mathring{\text{S}}$		asc. node	-3322 Dec 27 j 12:26	27° $\mathring{\text{Z}}$ 34'05	
greatest brilliancy	-3324 Aug 22 j 14:50	22° $\mathring{\text{S}}$ 28'42	-3.9m		-3322 Dec 30 j 02:20	0° \approx	
morning set	-3324 Aug 24 j 07:21	24° $\mathring{\text{S}}$ 36'02		greatest brilliancy	-3321 Jan 24 j 22:50	19° \approx 20'51	-4.6m
	-3324 Aug 28 j 14:21	0° Ω		retrograde	-3321 Feb 08 j 17:54	23° \approx 18'09	
	-3324 Sep 21 j 09:14	0° $\mathring{\text{M}}$		evening set	-3321 Feb 26 j 11:50	17° \approx 13'45	
				inferior conj	-3321 Mar 02 j 03:37	14° \approx 55'14	8°00'40

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3321 Mar 02 j 08:15	14° \approx 47'48	8°00'15		-3319 Sep 06 j 06:33	0° \cap	
min. Earth dist.	-3321 Mar 02 j 02:19	14° \approx 57'18	0.29153 AU		-3319 Sep 30 j 05:02	0° $\underline{\cap}$	
morning rise	-3321 Mar 06 j 04:49	12° \approx 22'25		desc. node	-3319 Oct 03 j 02:44	3° $\underline{\cap}$ 37'58	
direct	-3321 Mar 23 j 15:54	6° \approx 32'55			-3319 Oct 24 j 05:55	0° \cap	
greatest brilliancy	-3321 Apr 04 j 22:24	9° \approx 12'30	-4.5m		-3319 Nov 17 j 10:42	0° \nearrow	
desc. node	-3321 Apr 18 j 07:35	16° \approx 47'30			-3319 Dec 11 j 22:11	0° \searrow	
	-3321 May 04 j 16:11	0° \nearrow			-3318 Jan 05 j 22:35	0° \approx	
morning max el	-3321 May 11 j 10:00	6° \nearrow 14'30	45°48'11	asc. node	-3318 Jan 24 j 00:12	20° \approx 57'29	
	-3321 Jun 03 j 17:42	0° \cap			-3318 Feb 01 j 01:05	0° \nearrow	
	-3321 Jun 30 j 15:40	0° \searrow		evening max el	-3318 Mar 01 j 13:34	29° \nearrow 51'35	45°18'23
	-3321 Jul 26 j 04:15	0° \cap			-3318 Mar 01 j 17:04	0° \cap	
asc. node	-3321 Aug 09 j 06:31	17° \cap 01'49		greatest brilliancy	-3318 Apr 04 j 14:48	25° \cap 49'50	-4.5m
	-3321 Aug 19 j 20:37	0° \searrow		retrograde	-3318 Apr 18 j 22:00	29° \cap 21'34	
	-3321 Sep 13 j 00:15	0° \searrow		evening set	-3318 May 04 j 01:39	24° \cap 57'20	
	-3321 Oct 06 j 21:10	0° \cap		inferior conj	-3318 May 10 j 07:38	21° \cap 14'00	1°15'46
	-3321 Oct 30 j 16:15	0° $\underline{\cap}$		minimum elong	-3318 May 10 j 10:23	21° \cap 09'44	1°15'02
morning set	-3321 Nov 08 j 19:52	11° $\underline{\cap}$ 31'30		min. Earth dist.	-3318 May 10 j 21:48	20° \cap 51'59	0.28937 AU
	-3321 Nov 23 j 12:37	0° \cap		desc. node	-3318 May 15 j 19:14	17° \cap 55'24	
desc. node	-3321 Nov 29 j 01:02	6° \cap 55'12		morning rise	-3318 May 16 j 18:42	17° \cap 22'46	
	-3321 Dec 17 j 11:42	0° \nearrow		direct	-3318 Jun 01 j 02:40	12° \cap 53'54	
				greatest brilliancy	-3318 Jun 15 j 14:39	16° \cap 33'17	-4.5m
superior conj	-3321 Dec 21 j 01:13	4° \nearrow 26'54	0°-48'-17		-3318 Jul 05 j 14:42	0° \searrow	
minimum elong	-3321 Dec 20 j 14:30	3° \nearrow 53'29	0°47'58	morning max el	-3318 Jul 20 j 13:05	13° \searrow 34'26	46°11'58
max. Earth dist.	-3321 Dec 25 j 15:33	10° \nearrow 10'51	1.71868 AU		-3318 Aug 05 j 13:06	0° \cap	
	-3320 Jan 10 j 13:48	0° \searrow			-3318 Sep 01 j 05:27	0° \searrow	
evening rise	-3320 Jan 30 j 10:56	24° \searrow 38'17		asc. node	-3318 Sep 05 j 18:15	5° \searrow 19'10	
	-3320 Feb 03 j 19:06	0° \approx			-3318 Sep 26 j 08:02	0° \searrow	
	-3320 Feb 28 j 04:18	0° \nearrow			-3318 Oct 20 j 17:00	0° \cap	
asc. node	-3320 Mar 20 j 22:20	26° \nearrow 32'50			-3318 Nov 13 j 19:00	0° $\underline{\cap}$	
	-3320 Mar 23 j 18:35	0° \cap			-3318 Dec 07 j 20:08	0° \cap	
	-3320 Apr 17 j 15:31	0° \searrow		desc. node	-3318 Dec 26 j 13:10	23° \cap 16'41	
	-3320 May 12 j 21:19	0° \cap			-3318 Dec 31 j 23:05	0° \nearrow	
	-3320 Jun 07 j 16:39	0° \searrow		morning set	-3317 Jan 24 j 15:39	29° \nearrow 20'31	
	-3320 Jul 04 j 13:21	0° \searrow			-3317 Jan 25 j 04:25	0° \searrow	
desc. node	-3320 Jul 10 j 16:35	6° \searrow 34'20			-3317 Feb 18 j 11:46	0° \approx	
evening max el	-3320 Jul 26 j 06:17	22° \searrow 29'46	46°45'55				
	-3320 Aug 03 j 03:42	0° \cap		superior conj	-3317 Mar 04 j 09:47	17° \approx 08'10	-1°-19'-49
greatest brilliancy	-3320 Sep 04 j 00:05	22° \cap 18'16	-4.7m	minimum elong	-3317 Mar 04 j 15:19	17° \approx 25'12	1°19'50
retrograde	-3320 Sep 14 j 09:25	24° \cap 19'00		max. Earth dist.	-3317 Mar 05 j 23:29	19° \approx 04'09	1.73390 AU
evening set	-3320 Sep 30 j 12:08	19° \cap 18'08			-3317 Mar 14 j 20:48	0° \nearrow	
inferior conj	-3320 Oct 04 j 23:34	16° \cap 39'09	-6°-14'-17		-3317 Apr 08 j 07:19	0° \cap	
minimum elong	-3320 Oct 05 j 10:21	16° \cap 22'50	6°11'45	evening rise	-3317 Apr 10 j 09:25	2° \cap 33'35	
min. Earth dist.	-3320 Oct 05 j 07:20	16° \cap 27'24	0.26470 AU	asc. node	-3317 Apr 18 j 10:35	12° \cap 25'21	
morning rise	-3320 Oct 10 j 08:21	13° \cap 30'20			-3317 May 02 j 19:11	0° \searrow	
direct	-3320 Oct 25 j 06:53	9° \cap 03'04			-3317 May 27 j 08:27	0° \cap	
asc. node	-3320 Oct 31 j 15:01	9° \cap 50'41			-3317 Jun 20 j 23:50	0° \searrow	
greatest brilliancy	-3320 Nov 06 j 18:40	11° \cap 58'38	-4.7m		-3317 Jul 15 j 19:15	0° \searrow	
	-3320 Dec 02 j 01:23	0° $\underline{\cap}$		desc. node	-3317 Aug 08 j 04:26	27° \searrow 56'08	
morning max el	-3320 Dec 14 j 20:40	12° $\underline{\cap}$ 19'27	46°43'48		-3317 Aug 09 j 22:17	0° \cap	
	-3320 Dec 31 j 14:49	0° \cap			-3317 Sep 04 j 15:58	0° $\underline{\cap}$	
	-3319 Jan 27 j 07:36	0° \nearrow			-3317 Oct 01 j 19:00	0° \cap	
desc. node	-3319 Feb 20 j 10:44	28° \nearrow 02'43		evening max el	-3317 Oct 08 j 07:45	6° \cap 46'38	47°33'53
	-3319 Feb 22 j 02:42	0° \searrow			-3317 Nov 03 j 02:02	0° \nearrow	
	-3319 Mar 19 j 11:31	0° \approx		greatest brilliancy	-3317 Nov 15 j 06:54	7° \nearrow 28'08	-4.7m
	-3319 Apr 13 j 13:27	0° \nearrow		retrograde	-3317 Nov 28 j 09:55	10° \nearrow 41'42	
	-3319 May 08 j 09:22	0° \cap		asc. node	-3317 Nov 29 j 02:50	10° \nearrow 41'05	
	-3319 Jun 01 j 23:18	0° \searrow		evening set	-3317 Dec 13 j 09:22	6° \nearrow 07'45	
morning set	-3319 Jun 13 j 01:59	13° \searrow 39'41		min. Earth dist.	-3317 Dec 18 j 02:14	3° \nearrow 17'10	0.27241 AU
asc. node	-3319 Jun 13 j 08:49	14° \searrow 00'46		inferior conj	-3317 Dec 19 j 04:35	2° \nearrow 35'43	4°45'17
	-3319 Jun 26 j 07:15	0° \cap		minimum elong	-3317 Dec 18 j 19:51	2° \nearrow 49'28	4°42'56
max. Earth dist.	-3319 Jul 15 j 10:22	23° \cap 47'02	1.72170 AU		-3317 Dec 23 j 10:10	30° \cap	
				morning rise	-3317 Dec 24 j 07:15	29° \cap 29'39	
superior conj	-3319 Jul 19 j 14:31	28° \cap 59'32	1°11'36	direct	-3316 Jan 08 j 18:20	24° \cap 46'13	
minimum elong	-3319 Jul 19 j 06:26	28° \cap 34'16	1°11'31	greatest brilliancy	-3316 Jan 19 j 06:12	26° \cap 49'45	-4.6m
	-3319 Jul 20 j 09:53	0° \searrow			-3316 Jan 26 j 01:03	0° \nearrow	
	-3319 Aug 13 j 08:53	0° \searrow		morning max el	-3316 Feb 26 j 23:05	25° \nearrow 34'21	46°05'51
evening rise	-3319 Aug 26 j 04:57	16° \searrow 06'38			-3316 Mar 02 j 11:34	0° \searrow	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3316 Mar 19 j 22:18	18° $\overline{3}$ 02'28		desc. node	-3314 Sep 04 j 16:36	16° \overline{m} 08'35	
	-3316 Mar 30 j 22:45	0° \approx			-3314 Sep 15 j 23:24	0° \underline{a}	
	-3316 Apr 26 j 13:24	0° H			-3314 Oct 10 j 14:13	0° \overline{m}	
	-3316 May 22 j 06:14	0° Y			-3314 Nov 04 j 16:20	0° Z	
	-3316 Jun 16 j 08:18	0° B			-3314 Nov 30 j 20:16	0° $\overline{3}$	
asc. node	-3316 Jul 10 j 20:47	29° B 54'34		evening max el	-3314 Dec 18 j 05:01	18° $\overline{3}$ 27'33	46°34'57
	-3316 Jul 10 j 22:33	0° \overline{II}		asc. node	-3314 Dec 26 j 14:28	26° $\overline{3}$ 40'38	
	-3316 Aug 04 j 03:15	0° $\overline{3}$			-3314 Dec 30 j 04:39	0° \approx	
morning set	-3316 Aug 21 j 21:10	22° $\overline{3}$ 14'01		greatest brilliancy	-3313 Jan 22 j 15:02	17° \approx 09'40	-4.6m
	-3316 Aug 28 j 01:20	0° Ω		retrograde	-3313 Feb 06 j 11:07	21° \approx 08'55	
	-3316 Sep 20 j 20:15	0° \overline{m}		evening set	-3313 Feb 24 j 05:50	15° \approx 02'12	
				inferior conj	-3313 Feb 27 j 20:25	12° \approx 45'42	8°05'45
superior conj	-3316 Sep 30 j 05:05	11° \overline{m} 49'26	1°03'15	minimum elong	-3313 Feb 28 j 00:27	12° \approx 39'15	8°05'25
minimum elong	-3316 Sep 30 j 16:10	12° \overline{m} 24'26	1°02'56	min. Earth dist.	-3313 Feb 27 j 17:59	12° \approx 49'36	0.29124 AU
max. Earth dist.	-3316 Oct 01 j 04:28	13° \overline{m} 03'12	1.70896 AU	morning rise	-3313 Mar 03 j 19:13	10° \approx 16'41	
	-3316 Oct 14 j 15:01	0° \underline{a}		direct	-3313 Mar 21 j 07:40	4° \approx 23'45	
desc. node	-3316 Oct 30 j 15:02	20° \underline{a} 08'13		greatest brilliancy	-3313 Apr 02 j 13:22	7° \approx 02'37	-4.5m
	-3316 Nov 07 j 11:34	0° \overline{m}		desc. node	-3313 Apr 17 j 09:46	15° \approx 39'03	
evening rise	-3316 Nov 11 j 09:25	4° \overline{m} 54'17			-3313 May 04 j 16:57	0° H	
	-3316 Dec 01 j 10:53	0° Z		morning max el	-3313 May 09 j 02:31	4° H 06'45	45°48'14
	-3316 Dec 25 j 13:53	0° $\overline{3}$			-3313 Jun 03 j 09:49	0° Y	
	-3315 Jan 18 j 22:20	0° \approx			-3313 Jun 30 j 05:03	0° B	
	-3315 Feb 12 j 15:32	0° H			-3313 Jul 25 j 16:27	0° \overline{II}	
asc. node	-3315 Feb 20 j 12:16	9° H 25'02		asc. node	-3313 Aug 08 j 08:36	16° \overline{II} 32'06	
	-3315 Mar 09 j 22:42	0° Y			-3313 Aug 19 j 08:15	0° $\overline{3}$	
	-3315 Apr 05 j 04:59	0° B			-3313 Sep 12 j 11:37	0° Ω	
	-3315 May 03 j 09:15	0° \overline{II}			-3313 Oct 06 j 08:24	0° \overline{m}	
evening max el	-3315 May 11 j 13:44	8° \overline{II} 00'46	45°22'51		-3313 Oct 30 j 03:23	0° \underline{a}	
	-3315 Jun 07 j 12:32	0° $\overline{3}$		morning set	-3313 Nov 06 j 05:35	8° \underline{a} 55'58	
desc. node	-3315 Jun 12 j 07:00	2° $\overline{3}$ 45'44			-3313 Nov 22 j 23:41	0° \overline{m}	
greatest brilliancy	-3315 Jun 17 j 15:57	5° $\overline{3}$ 14'36	-4.5m	desc. node	-3313 Nov 28 j 03:12	6° \overline{m} 27'21	
retrograde	-3315 Jun 29 j 06:40	7° $\overline{3}$ 37'53			-3313 Dec 16 j 22:42	0° Z	
evening set	-3315 Jul 15 j 18:45	2° $\overline{3}$ 34'08					
inferior conj	-3315 Jul 20 j 09:56	29° \overline{II} 49'27	-7°-35'-41	superior conj	-3313 Dec 18 j 11:09	1° Z 53'50	0°-45'-2
minimum elong	-3315 Jul 20 j 00:38	0° $\overline{3}$ 03'35	7°34'09	minimum elong	-3313 Dec 18 j 00:47	1° Z 21'29	0°44'44
	-3315 Jul 20 j 03:00	30° R \overline{II}		max. Earth dist.	-3313 Dec 23 j 00:13	7° Z 34'07	1.71811 AU
min. Earth dist.	-3315 Jul 20 j 18:03	29° \overline{II} 37'05	0.27826 AU		-3312 Jan 10 j 00:44	0° $\overline{3}$	
morning rise	-3315 Jul 24 j 06:10	27° \overline{II} 30'51		evening rise	-3312 Jan 28 j 00:20	22° $\overline{3}$ 17'40	
direct	-3315 Aug 10 j 14:16	21° \overline{II} 51'13			-3312 Feb 03 j 06:00	0° \approx	
greatest brilliancy	-3315 Aug 24 j 19:06	25° \overline{II} 26'59	-4.6m		-3312 Feb 27 j 15:17	0° H	
	-3315 Sep 01 j 17:15	0° $\overline{3}$		asc. node	-3312 Mar 20 j 00:29	26° H 05'23	
morning max el	-3315 Sep 30 j 02:26	24° $\overline{3}$ 39'57	46°47'54		-3312 Mar 23 j 05:49	0° Y	
asc. node	-3315 Oct 03 j 05:44	27° $\overline{3}$ 53'32			-3312 Apr 17 j 03:14	0° B	
	-3315 Oct 05 j 06:07	0° Ω			-3312 May 12 j 09:56	0° \overline{II}	
	-3315 Nov 01 j 04:20	0° \overline{m}			-3312 Jun 07 j 06:54	0° $\overline{3}$	
	-3315 Nov 26 j 11:46	0° \underline{a}			-3312 Jul 04 j 07:03	0° Ω	
	-3315 Dec 21 j 06:15	0° \overline{m}		desc. node	-3312 Jul 09 j 18:36	5° Ω 49'41	
	-3314 Jan 14 j 21:10	0° Z		evening max el	-3312 Jul 23 j 19:51	20° Ω 07'54	46°42'52
desc. node	-3314 Jan 23 j 00:59	9° Z 56'51			-3312 Aug 03 j 08:19	0° \overline{m}	
	-3314 Feb 08 j 11:36	0° $\overline{3}$		greatest brilliancy	-3312 Sep 01 j 11:38	19° \overline{m} 48'55	-4.6m
	-3314 Mar 05 j 01:54	0° \approx		retrograde	-3312 Sep 11 j 21:46	21° \overline{m} 49'42	
	-3314 Mar 29 j 15:31	0° H		evening set	-3312 Sep 28 j 03:26	16° \overline{m} 43'57	
morning set	-3314 Apr 05 j 00:36	7° H 48'04		inferior conj	-3312 Oct 02 j 11:29	14° \overline{m} 09'45	-6°-31'-34
	-3314 Apr 23 j 03:44	0° Y		minimum elong	-3312 Oct 02 j 22:19	13° \overline{m} 53'22	6°29'07
max. Earth dist.	-3314 May 08 j 11:18	18° Y 47'56	1.73604 AU	min. Earth dist.	-3312 Oct 02 j 19:44	13° \overline{m} 57'17	0.26504 AU
				morning rise	-3312 Oct 07 j 17:03	11° \overline{m} 05'37	
superior conj	-3314 May 11 j 01:11	21° Y 58'07	0°-11'-30	direct	-3312 Oct 22 j 19:56	6° \overline{m} 33'18	
minimum elong	-3314 May 11 j 03:25	22° Y 05'00	0°11'21	asc. node	-3312 Oct 30 j 17:18	7° \overline{m} 46'28	
behind sun begin	-3314 May 10 j 11:53	21° Y 17'13		greatest brilliancy	-3312 Nov 04 j 08:17	9° \overline{m} 30'09	-4.7m
behind sun end	-3314 May 11 j 18:58	22° Y 52'47			-3312 Dec 02 j 06:41	0° \underline{a}	
asc. node	-3314 May 15 j 22:53	27° Y 59'57		morning max el	-3312 Dec 12 j 11:09	9° \underline{a} 56'20	46°44'45
	-3314 May 17 j 13:55	0° B			-3312 Dec 31 j 09:00	0° \overline{m}	
	-3314 Jun 10 j 21:42	0° \overline{II}			-3311 Jan 26 j 22:19	0° Z	
evening rise	-3314 Jun 15 j 16:02	5° \overline{II} 53'17		desc. node	-3311 Feb 19 j 12:49	27° Z 30'23	
	-3314 Jul 05 j 03:27	0° $\overline{3}$			-3311 Feb 21 j 15:42	0° $\overline{3}$	
	-3314 Jul 29 j 08:24	0° Ω			-3311 Mar 18 j 23:31	0° \approx	
	-3314 Aug 22 j 14:22	0° \overline{m}			-3311 Apr 13 j 00:50	0° H	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3311 May 07 j 20:23	0°♿		asc. node	-3309 Nov 28 j 04:50	8°♿11'20	
	-3311 Jun 01 j 10:07	0°♿		evening set	-3309 Dec 10 j 21:37	3°♿47'14	
morning set	-3311 Jun 10 j 20:24	11°♿35'26		min. Earth dist.	-3309 Dec 15 j 17:03	0°♿53'06	0.27171 AU
asc. node	-3311 Jun 12 j 10:53	13°♿33'59		inferior conj	-3309 Dec 16 j 18:38	0°♿12'50	4°26'41
	-3311 Jun 25 j 18:00	0°♿		minimum elong	-3309 Dec 16 j 10:15	0°♿26'02	4°24'22
max. Earth dist.	-3311 Jul 13 j 01:11	21°♿30'08	1.72227 AU		-3309 Dec 17 j 02:48	30°♿	
				morning rise	-3309 Dec 21 j 23:46	27°♿03'11	
superior conj	-3311 Jul 17 j 07:40	26°♿49'39	1°09'51	direct	-3308 Jan 06 j 07:25	22°♿24'34	
minimum elong	-3311 Jul 16 j 23:20	26°♿23'39	1°09'44	greatest brilliancy	-3308 Jan 16 j 20:16	24°♿28'35	-4.6m
	-3311 Jul 19 j 20:39	0°♿			-3308 Jan 27 j 13:22	0°♿	
	-3311 Aug 12 j 19:45	0°♿		morning max el	-3308 Feb 24 j 12:14	23°♿14'02	46°06'59
evening rise	-3311 Aug 23 j 18:43	13°♿44'46			-3308 Mar 02 j 08:42	0°♿	
	-3311 Sep 05 j 17:36	0°♿		desc. node	-3308 Mar 19 j 00:29	17°♿22'20	
	-3311 Sep 29 j 16:19	0°♿			-3308 Mar 30 j 14:19	0°♿	
desc. node	-3311 Oct 02 j 04:55	3°♿09'26			-3308 Apr 26 j 02:45	0°♿	
	-3311 Oct 23 j 17:29	0°♿			-3308 May 21 j 18:28	0°♿	
	-3311 Nov 16 j 22:36	0°♿			-3308 Jun 15 j 19:55	0°♿	
	-3311 Dec 11 j 10:36	0°♿		asc. node	-3308 Jul 09 j 22:47	29°♿26'04	
	-3310 Jan 05 j 11:59	0°♿			-3308 Jul 10 j 09:49	0°♿	
asc. node	-3310 Jan 23 j 02:16	20°♿21'31			-3308 Aug 03 j 14:23	0°♿	
	-3310 Jan 31 j 16:43	0°♿		morning set	-3308 Aug 19 j 11:09	19°♿52'13	
evening max el	-3310 Feb 27 j 05:48	27°♿42'04	45°19'53		-3308 Aug 27 j 12:27	0°♿	
	-3310 Mar 01 j 15:37	0°♿			-3308 Sep 20 j 07:24	0°♿	
greatest brilliancy	-3310 Apr 02 j 07:00	23°♿42'04	-4.5m				
retrograde	-3310 Apr 16 j 14:00	27°♿13'41		superior conj	-3308 Sep 27 j 16:08	9°♿17'41	1°05'44
evening set	-3310 May 01 j 19:27	22°♿47'35		minimum elong	-3308 Sep 28 j 03:00	9°♿51'58	1°05'26
inferior conj	-3310 May 08 j 00:01	19°♿05'38	1°34'58	max. Earth dist.	-3308 Sep 28 j 06:24	10°♿02'44	1.70904 AU
minimum elong	-3310 May 08 j 03:25	19°♿00'19	1°34'02		-3308 Oct 14 j 02:12	0°♿	
min. Earth dist.	-3310 May 08 j 14:20	18°♿43'19	0.28964 AU	desc. node	-3308 Oct 29 j 17:10	19°♿39'43	
morning rise	-3310 May 14 j 11:01	15°♿13'57			-3308 Nov 06 j 22:47	0°♿	
desc. node	-3310 May 14 j 21:25	14°♿59'54		evening rise	-3308 Nov 08 j 18:23	2°♿16'41	
direct	-3310 May 29 j 19:30	10°♿45'11			-3308 Nov 30 j 22:10	0°♿	
greatest brilliancy	-3310 Jun 13 j 04:46	14°♿21'15	-4.5m		-3308 Dec 25 j 01:17	0°♿	
	-3310 Jul 05 j 20:35	0°♿			-3307 Jan 18 j 10:00	0°♿	
morning max el	-3310 Jul 18 j 04:29	11°♿21'20	46°10'41		-3307 Feb 12 j 03:42	0°♿	
	-3310 Aug 05 j 06:33	0°♿		asc. node	-3307 Feb 19 j 14:23	8°♿54'26	
	-3310 Aug 31 j 19:38	0°♿			-3307 Mar 09 j 11:51	0°♿	
asc. node	-3310 Sep 04 j 20:23	4°♿44'31			-3307 Apr 04 j 20:14	0°♿	
	-3310 Sep 25 j 20:50	0°♿			-3307 May 03 j 05:58	0°♿	
	-3310 Oct 20 j 05:06	0°♿		evening max el	-3307 May 09 j 03:26	5°♿43'31	45°21'15
	-3310 Nov 13 j 06:44	0°♿			-3307 Jun 09 j 00:00	0°♿	
	-3310 Dec 07 j 07:36	0°♿		desc. node	-3307 Jun 11 j 09:01	1°♿14'00	
desc. node	-3310 Dec 25 j 15:08	22°♿47'42		greatest brilliancy	-3307 Jun 15 j 02:15	2°♿53'07	-4.5m
	-3310 Dec 31 j 10:22	0°♿		retrograde	-3307 Jun 26 j 20:17	5°♿19'57	
morning set	-3309 Jan 22 j 04:13	26°♿56'43		evening set	-3307 Jul 13 j 04:48	0°♿20'38	
	-3309 Jan 24 j 15:31	0°♿			-3307 Jul 13 j 19:26	30°♿	
	-3309 Feb 17 j 22:43	0°♿		inferior conj	-3307 Jul 17 j 23:54	27°♿30'43	-7°-23'-40
				minimum elong	-3307 Jul 17 j 14:15	27°♿45'22	7°21'59
superior conj	-3309 Mar 02 j 01:51	14°♿56'24	-1°-20'-47	min. Earth dist.	-3307 Jul 18 j 08:02	27°♿18'21	0.27872 AU
minimum elong	-3309 Mar 02 j 06:48	15°♿11'36	1°20'49	morning rise	-3307 Jul 21 j 23:18	25°♿07'39	
max. Earth dist.	-3309 Mar 03 j 20:22	17°♿07'13	1.73350 AU	direct	-3307 Aug 08 j 04:36	19°♿31'19	
	-3309 Mar 14 j 07:40	0°♿		greatest brilliancy	-3307 Aug 22 j 12:08	23°♿10'01	-4.6m
	-3309 Apr 07 j 18:12	0°♿			-3307 Sep 02 j 16:51	0°♿	
evening rise	-3309 Apr 08 j 03:31	0°♿28'33		morning max el	-3307 Sep 27 j 16:42	22°♿16'48	46°47'12
asc. node	-3309 Apr 17 j 12:45	11°♿58'37		asc. node	-3307 Oct 02 j 07:57	27°♿03'53	
	-3309 May 02 j 06:13	0°♿			-3307 Oct 05 j 02:39	0°♿	
	-3309 May 26 j 19:48	0°♿			-3307 Oct 31 j 20:07	0°♿	
	-3309 Jun 20 j 11:42	0°♿			-3307 Nov 26 j 01:36	0°♿	
	-3309 Jul 15 j 07:53	0°♿			-3307 Dec 20 j 19:00	0°♿	
desc. node	-3309 Aug 07 j 06:33	27°♿21'48			-3306 Jan 14 j 09:15	0°♿	
	-3309 Aug 09 j 12:06	0°♿		desc. node	-3306 Jan 22 j 03:06	9°♿26'58	
	-3309 Sep 04 j 07:55	0°♿			-3306 Feb 07 j 23:13	0°♿	
	-3309 Oct 01 j 15:54	0°♿			-3306 Mar 04 j 13:12	0°♿	
evening max el	-3309 Oct 05 j 22:18	4°♿23'49	47°34'01		-3306 Mar 29 j 02:36	0°♿	
	-3309 Nov 04 j 01:55	0°♿		morning set	-3306 Apr 02 j 18:41	5°♿42'46	
greatest brilliancy	-3309 Nov 13 j 00:47	5°♿08'09	-4.7m		-3306 Apr 22 j 14:42	0°♿	
retrograde	-3309 Nov 25 j 23:58	8°♿17'24		max. Earth dist.	-3306 May 06 j 09:50	16°♿56'03	1.73629 AU

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3306 May 08 j 20:01	19°Υ54'50	0°-14'-31	direct	-3304 Oct 20 j 08:57	4°η02'43	
minimum elong	-3306 May 08 j 22:50	20°Υ03'30	0°14'21	asc. node	-3304 Oct 29 j 19:20	5°η46'04	
behind sun begin	-3306 May 08 j 13:31	19°Υ34'50		greatest brilliancy	-3304 Nov 01 j 21:10	6°η59'44	-4.7m
behind sun end	-3306 May 09 j 08:10	20°Υ32'10			-3304 Dec 02 j 10:32	0°♌	
asc. node	-3306 May 15 j 00:53	27°Υ32'27		morning max el	-3304 Dec 10 j 00:50	7°♌30'11	46°45'35
	-3306 May 17 j 00:52	0°♌			-3304 Dec 31 j 03:04	0°♌	
	-3306 Jun 10 j 08:44	0°♌			-3303 Jan 26 j 13:09	0°♌	
evening rise	-3306 Jun 13 j 11:00	3°♌49'24		desc. node	-3303 Feb 18 j 14:57	26°♌57'27	
	-3306 Jul 04 j 14:42	0°♌			-3303 Feb 21 j 04:55	0°♌	
	-3306 Jul 28 j 19:58	0°♌			-3303 Mar 18 j 11:46	0°♌	
	-3306 Aug 22 j 02:21	0°♌			-3303 Apr 12 j 12:28	0°♌	
desc. node	-3306 Sep 03 j 18:47	15°η37'33			-3303 May 07 j 07:40	0°Υ	
	-3306 Sep 15 j 11:56	0°♌			-3303 May 31 j 21:14	0°♌	
	-3306 Oct 10 j 03:33	0°♌		morning set	-3303 Jun 08 j 14:49	9°♌30'20	
	-3306 Nov 04 j 07:00	0°♌		asc. node	-3303 Jun 11 j 12:57	13°♌06'16	
	-3306 Nov 30 j 13:52	0°♌			-3303 Jun 25 j 05:04	0°♌	
evening max el	-3306 Dec 15 j 20:44	16°♌11'18	46°38'11	max. Earth dist.	-3303 Jul 10 j 14:46	19°♌08'26	1.72293 AU
asc. node	-3306 Dec 25 j 16:36	25°♌45'33					
	-3306 Dec 30 j 08:56	0°♌		superior conj	-3303 Jul 15 j 00:45	24°♌38'36	1°07'58
greatest brilliancy	-3305 Jan 20 j 07:14	14°♌57'45	-4.6m	minimum elong	-3303 Jul 14 j 16:13	24°♌12'01	1°07'51
retrograde	-3305 Feb 04 j 04:37	18°♌58'43			-3303 Jul 19 j 07:46	0°♌	
evening set	-3305 Feb 21 j 23:33	12°♌50'07			-3303 Aug 12 j 07:00	0°♌	
inferior conj	-3305 Feb 25 j 13:11	10°♌35'09	8°10'02	evening rise	-3303 Aug 21 j 08:20	11°♌21'20	
minimum elong	-3305 Feb 25 j 16:35	10°♌29'42	8°09'46		-3303 Sep 05 j 05:01	0°η	
min. Earth dist.	-3305 Feb 25 j 09:12	10°♌41'30	0.29093 AU		-3303 Sep 29 j 03:58	0°♌	
morning rise	-3305 Mar 01 j 09:47	8°♌09'41		desc. node	-3303 Oct 01 j 07:00	2°♌39'31	
direct	-3305 Mar 18 j 23:52	2°♌13'42			-3303 Oct 23 j 05:22	0°♌	
greatest brilliancy	-3305 Mar 31 j 03:32	4°♌51'00	-4.5m		-3303 Nov 16 j 10:48	0°♌	
desc. node	-3305 Apr 16 j 11:55	14°♌31'32			-3303 Dec 10 j 23:20	0°♌	
	-3305 May 04 j 16:59	0°♌			-3302 Jan 05 j 01:45	0°♌	
morning max el	-3305 May 06 j 19:40	1°♌59'34	45°48'04	asc. node	-3302 Jan 22 j 04:27	19°♌44'51	
	-3305 Jun 03 j 02:05	0°Υ			-3302 Jan 31 j 08:53	0°♌	
	-3305 Jun 29 j 18:47	0°♌		evening max el	-3302 Feb 24 j 21:27	25°♌30'17	45°21'29
	-3305 Jul 25 j 05:01	0°♌			-3302 Mar 01 j 15:28	0°Υ	
asc. node	-3305 Aug 07 j 10:48	16°♌01'36		greatest brilliancy	-3302 Mar 30 j 23:08	21°Υ33'45	-4.5m
	-3305 Aug 18 j 20:14	0°♌		retrograde	-3302 Apr 14 j 05:52	25°Υ05'45	
	-3305 Sep 11 j 23:17	0°♌		evening set	-3302 Apr 29 j 13:29	20°Υ37'27	
	-3305 Oct 05 j 19:55	0°η		inferior conj	-3302 May 05 j 16:35	16°Υ57'15	1°53'47
	-3305 Oct 29 j 14:48	0°♌		minimum elong	-3302 May 05 j 20:37	16°Υ50'56	1°52'41
morning set	-3305 Nov 03 j 15:24	6°♌19'49		min. Earth dist.	-3302 May 06 j 07:15	16°Υ34'19	0.28992 AU
	-3305 Nov 22 j 11:03	0°♌		morning rise	-3302 May 12 j 03:20	13°Υ05'17	
desc. node	-3305 Nov 27 j 05:08	5°♌57'50		desc. node	-3302 May 13 j 23:21	12°Υ07'33	
				direct	-3302 May 27 j 11:59	8°Υ36'22	
superior conj	-3305 Dec 15 j 20:57	29°♌19'11	0°-41'-41	greatest brilliancy	-3302 Jun 10 j 19:24	12°Υ09'36	-4.5m
minimum elong	-3305 Dec 15 j 11:03	28°♌48'16	0°41'23		-3302 Jul 06 j 00:44	0°♌	
	-3305 Dec 16 j 10:01	0°♌		morning max el	-3302 Jul 15 j 19:13	9°♌06'03	46°09'17
max. Earth dist.	-3305 Dec 20 j 10:12	5°♌00'19	1.71755 AU		-3302 Aug 04 j 23:53	0°♌	
	-3304 Jan 09 j 11:58	0°♌			-3302 Aug 31 j 09:58	0°♌	
evening rise	-3304 Jan 25 j 13:41	19°♌55'51		asc. node	-3302 Sep 03 j 22:32	4°♌09'14	
	-3304 Feb 02 j 17:13	0°♌			-3302 Sep 25 j 09:53	0°♌	
	-3304 Feb 27 j 02:33	0°♌			-3302 Oct 19 j 17:29	0°η	
asc. node	-3304 Mar 19 j 02:40	25°♌37'05			-3302 Nov 12 j 18:43	0°♌	
	-3304 Mar 22 j 17:22	0°Υ			-3302 Dec 06 j 19:17	0°♌	
	-3304 Apr 16 j 15:21	0°♌		desc. node	-3302 Dec 24 j 17:17	22°♌18'44	
	-3304 May 11 j 23:02	0°♌			-3302 Dec 30 j 21:48	0°♌	
	-3304 Jun 06 j 21:47	0°♌		morning set	-3301 Jan 19 j 16:35	24°♌31'39	
	-3304 Jul 04 j 01:42	0°♌			-3301 Jan 24 j 02:44	0°♌	
desc. node	-3304 Jul 08 j 20:45	5°♌03'16			-3301 Feb 17 j 09:48	0°♌	
evening max el	-3304 Jul 21 j 10:00	17°♌46'09	46°39'47				
	-3304 Aug 03 j 15:38	0°η		superior conj	-3301 Feb 27 j 17:55	12°♌44'08	-1°-21'-37
greatest brilliancy	-3304 Aug 29 j 23:36	17°η18'56	-4.6m	minimum elong	-3301 Feb 27 j 22:15	12°♌57'26	1°21'41
retrograde	-3304 Sep 09 j 09:47	19°η19'03		max. Earth dist.	-3301 Mar 01 j 15:44	15°♌05'08	1.73309 AU
evening set	-3304 Sep 25 j 18:46	14°η08'45			-3301 Mar 13 j 18:41	0°♌	
inferior conj	-3304 Sep 29 j 23:22	11°η39'16	-6°-47'-58	evening rise	-3301 Apr 05 j 21:40	28°♌23'12	
minimum elong	-3304 Sep 30 j 10:10	11°η22'55	6°45'39		-3301 Apr 07 j 05:14	0°Υ	
min. Earth dist.	-3304 Sep 30 j 08:02	11°η26'09	0.26533 AU	asc. node	-3301 Apr 16 j 14:46	11°Υ30'55	
morning rise	-3304 Oct 05 j 01:26	8°η39'57			-3301 May 01 j 17:23	0°♌	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3301 May 26 j 07:16	0°♈					-3299 Oct 31 j 11:30	0°♏			
	-3301 Jun 19 j 23:41	0°♉					-3299 Nov 25 j 15:13	0°♐			
	-3301 Jul 14 j 20:42	0°♊					-3299 Dec 20 j 07:39	0°♑			
desc. node	-3301 Aug 06 j 08:41	26°♊46'51					-3298 Jan 13 j 21:15	0°♒			
	-3301 Aug 09 j 02:15	0°♋				desc. node	-3298 Jan 21 j 05:17	8°♒57'28			
	-3301 Sep 04 j 00:23	0°♌					-3298 Feb 07 j 10:46	0°♓			
	-3301 Oct 01 j 13:54	0°♍					-3298 Mar 04 j 00:23	0°♈			
evening max el	-3301 Oct 03 j 12:01	1°♍57'53	47°33'58				-3298 Mar 28 j 13:31	0°♏			
	-3301 Nov 05 j 12:04	0°♎				morning set	-3298 Mar 31 j 12:36	3°♏37'23			
greatest brilliancy	-3301 Nov 10 j 18:12	2°♎46'01	-4.7m				-3298 Apr 22 j 01:29	0°♐			
retrograde	-3301 Nov 23 j 13:41	5°♎51'34				max. Earth dist.	-3298 May 04 j 09:33	15°♐08'25	1.73649 AU		
asc. node	-3301 Nov 27 j 06:56	5°♎34'14									
evening set	-3301 Dec 08 j 09:43	1°♎24'42				superior conj	-3298 May 06 j 14:51	17°♐52'08	0°-17'-30		
	-3301 Dec 10 j 19:47	30°♏				minimum elong	-3298 May 06 j 18:15	18°♐02'33	0°17'20		
min. Earth dist.	-3301 Dec 13 j 07:51	28°♏27'09	0.27098 AU			asc. node	-3298 May 14 j 02:59	27°♐05'47			
inferior conj	-3301 Dec 14 j 08:26	27°♏48'31	4°07'27				-3298 May 16 j 11:37	0°♑			
minimum elong	-3301 Dec 14 j 00:27	28°♏01'05	4°05'10				-3298 Jun 09 j 19:37	0°♒			
morning rise	-3301 Dec 19 j 15:58	24°♏35'30				evening rise	-3298 Jun 11 j 06:14	1°♒46'54			
direct	-3300 Jan 03 j 19:51	20°♏01'18					-3298 Jul 04 j 01:48	0°♓			
greatest brilliancy	-3300 Jan 14 j 10:55	22°♏07'03	-4.6m				-3298 Jul 28 j 07:21	0°♊			
	-3300 Jan 28 j 15:28	0°♋					-3298 Aug 21 j 14:07	0°♋			
morning max el	-3300 Feb 22 j 01:24	20°♋53'15	46°08'19			desc. node	-3298 Sep 02 j 20:51	15°♋06'57			
	-3300 Mar 02 j 05:14	0°♌					-3298 Sep 15 j 00:14	0°♌			
desc. node	-3300 Mar 18 j 02:36	16°♌42'20					-3298 Oct 09 j 16:41	0°♍			
	-3300 Mar 30 j 05:41	0°♍					-3298 Nov 03 j 21:34	0°♎			
	-3300 Apr 25 j 16:01	0°♏					-3298 Nov 30 j 07:38	0°♏			
	-3300 May 21 j 06:39	0°♐				evening max el	-3298 Dec 13 j 13:13	13°♏57'18	46°41'08		
	-3300 Jun 15 j 07:29	0°♑				asc. node	-3298 Dec 24 j 18:48	24°♏49'53			
asc. node	-3300 Jul 09 j 01:03	28°♑58'25					-3298 Dec 30 j 15:03	0°♐			
	-3300 Jul 09 j 21:03	0°♒									
	-3300 Aug 03 j 01:28	0°♓				greatest brilliancy	-3297 Jan 18 j 00:37	12°♐47'24	-4.6m		
morning set	-3300 Aug 17 j 01:34	17°♓31'55				retrograde	-3297 Feb 01 j 22:06	16°♐48'07			
	-3300 Aug 26 j 23:33	0°♊				evening set	-3297 Feb 19 j 16:58	10°♐38'15			
	-3300 Sep 19 j 18:34	0°♋				inferior conj	-3297 Feb 23 j 05:49	8°♐24'24	8°13'42		
						minimum elong	-3297 Feb 23 j 08:33	8°♐20'02	8°13'30		
superior conj	-3300 Sep 25 j 03:18	6°♋46'14	1°08'03			min. Earth dist.	-3297 Feb 23 j 00:09	8°♐33'28	0.29056 AU		
minimum elong	-3300 Sep 25 j 13:51	7°♋19'32	1°07'48			morning rise	-3297 Feb 27 j 00:22	6°♐02'13			
max. Earth dist.	-3300 Sep 25 j 11:23	7°♋11'44	1.70924 AU			direct	-3297 Mar 16 j 16:21	0°♐03'45			
	-3300 Oct 13 j 13:27	0°♌				greatest brilliancy	-3297 Mar 28 j 16:38	2°♐38'22	-4.5m		
desc. node	-3300 Oct 28 j 19:09	19°♌10'31				desc. node	-3297 Apr 15 j 13:55	13°♐25'58			
evening rise	-3300 Nov 06 j 03:02	29°♌37'50				morning max el	-3297 May 04 j 12:34	29°♐52'30	45°47'59		
	-3300 Nov 06 j 10:06	0°♍					-3297 May 04 j 15:43	0°♏			
	-3300 Nov 30 j 09:32	0°♎					-3297 Jun 02 j 17:46	0°♐			
	-3300 Dec 24 j 12:46	0°♏					-3297 Jun 29 j 08:05	0°♑			
	-3299 Jan 17 j 21:42	0°♐					-3297 Jul 24 j 17:13	0°♒			
	-3299 Feb 11 j 15:52	0°♑				asc. node	-3297 Aug 06 j 12:52	15°♒31'45			
asc. node	-3299 Feb 18 j 16:32	8°♑23'53					-3297 Aug 18 j 07:53	0°♓			
	-3299 Mar 09 j 01:02	0°♒					-3297 Sep 11 j 10:38	0°♊			
	-3299 Apr 04 j 11:35	0°♓					-3297 Oct 05 j 07:05	0°♋			
	-3299 May 03 j 03:16	0°♔					-3297 Oct 29 j 01:53	0°♌			
evening max el	-3299 May 06 j 18:07	3°♔29'11	45°19'49			morning set	-3297 Nov 01 j 01:49	3°♌46'39			
desc. node	-3299 Jun 10 j 11:12	29°♔40'09				desc. node	-3297 Nov 21 j 22:04	0°♍			
	-3299 Jun 11 j 05:07	0°♉					-3297 Nov 26 j 07:20	5°♍30'16			
greatest brilliancy	-3299 Jun 12 j 12:13	0°♉32'21	-4.5m			superior conj	-3297 Dec 13 j 06:54	26°♍46'01	0°-38'-15		
retrograde	-3299 Jun 24 j 10:35	3°♉03'19				minimum elong	-3297 Dec 12 j 21:34	26°♍16'51	0°37'57		
	-3299 Jul 07 j 00:32	30°♊					-3297 Dec 15 j 20:59	0°♎			
evening set	-3299 Jul 10 j 15:13	28°♊08'22				max. Earth dist.	-3297 Dec 17 j 23:10	2°♎36'44	1.71704 AU		
inferior conj	-3299 Jul 15 j 14:04	25°♊13'16	-7°-11'00				-3296 Jan 08 j 22:55	0°♏			
minimum elong	-3299 Jul 15 j 04:08	25°♊28'19	7°09'11			evening rise	-3296 Jan 23 j 02:53	17°♏34'21			
min. Earth dist.	-3299 Jul 15 j 21:52	25°♊01'26	0.27916 AU				-3296 Feb 02 j 04:09	0°♐			
morning rise	-3299 Jul 19 j 16:41	22°♊45'45					-3296 Feb 26 j 13:35	0°♑			
direct	-3299 Aug 05 j 19:44	17°♊12'58				asc. node	-3296 Mar 18 j 04:40	25°♑08'57			
greatest brilliancy	-3299 Aug 20 j 04:46	20°♊53'54	-4.6m				-3296 Mar 22 j 04:40	0°♒			
	-3299 Sep 03 j 09:53	0°♋					-3296 Apr 16 j 03:12	0°♓			
morning max el	-3299 Sep 25 j 07:41	19°♋56'30	46°46'20				-3296 May 11 j 11:52	0°♔			
asc. node	-3299 Oct 01 j 10:00	26°♋15'20					-3296 Jun 06 j 12:28	0°♕			
	-3299 Oct 04 j 22:19	0°♌					-3296 Jul 03 j 20:25	0°♊			

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3296 Jul 07 j 22:54	4°♌17'22		-3293 Feb 16 j 20:33	0°♊	
evening max el	-3296 Jul 18 j 23:40	15°♌24'23	46°36'35			
	-3296 Aug 04 j 00:57	0°♎		superior conj	-3293 Feb 25 j 10:07	10°♊33'15 -1°-22'-20
greatest brilliancy	-3296 Aug 27 j 12:30	14°♎51'30	-4.6m	minimum elong	-3293 Feb 25 j 13:46	10°♊44'31 1°22'25
retrograde	-3296 Sep 06 j 21:26	16°♎49'54		max. Earth dist.	-3293 Feb 27 j 10:11	13°♊01'15 1.73267 AU
evening set	-3296 Sep 23 j 10:12	11°♎35'19			-3293 Mar 13 j 05:23	0°♋
inferior conj	-3296 Sep 27 j 11:24	9°♎10'31	-7°-3'-28	evening rise	-3293 Apr 03 j 15:53	26°♋19'04
minimum elong	-3296 Sep 27 j 22:02	8°♎54'23	7°01'19		-3293 Apr 06 j 15:59	0°♌
min. Earth dist.	-3296 Sep 27 j 20:42	8°♎56'24	0.26563 AU	asc. node	-3293 Apr 15 j 16:55	11°♌04'29
morning rise	-3296 Oct 02 j 09:45	6°♎16'06			-3293 May 01 j 04:18	0°♍
direct	-3296 Oct 17 j 21:38	1°♎33'47			-3293 May 25 j 18:31	0°♎
asc. node	-3296 Oct 28 j 21:25	3°♎51'56			-3293 Jun 19 j 11:29	0°♏
greatest brilliancy	-3296 Oct 30 j 10:30	4°♎31'11	-4.7m		-3293 Jul 14 j 09:20	0°♐
	-3296 Dec 02 j 12:18	0°♑		desc. node	-3293 Aug 05 j 10:44	26°♐12'16
morning max el	-3296 Dec 07 j 13:33	5°♑02'44	46°46'31		-3293 Aug 08 j 16:13	0°♒
	-3296 Dec 30 j 20:16	0°♓			-3293 Sep 03 j 16:48	0°♑
	-3295 Jan 26 j 03:22	0°♊		evening max el	-3293 Oct 01 j 01:31	29°♑32'28 47°33'53
desc. node	-3295 Feb 17 j 17:02	26°♊25'46			-3293 Oct 01 j 12:22	0°♓
	-3295 Feb 20 j 17:38	0°♈			-3293 Nov 07 j 14:37	0°♊
	-3295 Mar 17 j 23:37	0°♊		greatest brilliancy	-3293 Nov 08 j 10:36	0°♊23'14 -4.7m
	-3295 Apr 11 j 23:46	0°♋		retrograde	-3293 Nov 21 j 03:31	3°♊26'31
	-3295 May 06 j 18:37	0°♌		asc. node	-3293 Nov 26 j 09:14	2°♊52'00
	-3295 May 31 j 07:59	0°♍			-3293 Dec 04 j 02:28	30°♋♓
morning set	-3295 Jun 06 j 09:11	7°♍26'11		evening set	-3293 Dec 05 j 21:56	29°♌02'12
asc. node	-3295 Jun 10 j 15:10	12°♍40'08		min. Earth dist.	-3293 Dec 10 j 22:29	26°♌01'49 0.27031 AU
	-3295 Jun 24 j 15:46	0°♎		inferior conj	-3293 Dec 11 j 22:12	25°♌24'40 3°47'31
max. Earth dist.	-3295 Jul 08 j 06:19	16°♎54'04	1.72357 AU	minimum elong	-3293 Dec 11 j 14:40	25°♌36'27 3°45'18
				morning rise	-3293 Dec 17 j 08:08	22°♌08'34
superior conj	-3295 Jul 12 j 17:57	22°♎29'14	1°06'00	direct	-3292 Jan 01 j 08:24	17°♌38'14
minimum elong	-3295 Jul 12 j 09:18	22°♎02'16	1°05'52	greatest brilliancy	-3292 Jan 12 j 01:54	19°♌46'21 -4.6m
	-3295 Jul 18 j 18:31	0°♏			-3292 Jan 29 j 10:22	0°♊
	-3295 Aug 11 j 17:53	0°♐		morning max el	-3292 Feb 19 j 15:26	18°♊35'10 46°09'46
evening rise	-3295 Aug 18 j 22:20	9°♐00'25			-3292 Mar 02 j 00:51	0°♈
	-3295 Sep 04 j 16:06	0°♑		desc. node	-3292 Mar 17 j 04:37	16°♈03'18
	-3295 Sep 28 j 15:16	0°♑			-3292 Mar 29 j 20:35	0°♊
desc. node	-3295 Sep 30 j 09:00	2°♑10'23			-3292 Apr 25 j 04:57	0°♋
	-3295 Oct 22 j 16:55	0°♓			-3292 May 20 j 18:34	0°♌
	-3295 Nov 15 j 22:39	0°♊			-3292 Jun 14 j 18:52	0°♍
	-3295 Dec 10 j 11:42	0°♈		asc. node	-3292 Jul 08 j 03:06	28°♍30'35
	-3294 Jan 04 j 15:11	0°♊			-3292 Jul 09 j 08:09	0°♎
asc. node	-3294 Jan 21 j 06:33	19°♊08'57			-3292 Aug 02 j 12:28	0°♏
	-3294 Jan 31 j 00:51	0°♋		morning set	-3292 Aug 14 j 16:03	15°♏12'21
evening max el	-3294 Feb 22 j 12:11	23°♋17'21	45°23'01		-3292 Aug 26 j 10:31	0°♐
	-3294 Mar 01 j 15:59	0°♌			-3292 Sep 19 j 05:34	0°♑
greatest brilliancy	-3294 Mar 28 j 14:30	19°♌25'20	-4.5m			
retrograde	-3294 Apr 11 j 21:47	22°♌58'59		superior conj	-3292 Sep 22 j 14:33	4°♑15'32 1°10'14
evening set	-3294 Apr 27 j 07:37	18°♌27'59		minimum elong	-3292 Sep 23 j 00:43	4°♑47'36 1°10'01
inferior conj	-3294 May 03 j 09:12	14°♌49'53	2°12'23	max. Earth dist.	-3292 Sep 22 j 19:19	4°♑30'34 1.70941 AU
minimum elong	-3294 May 03 j 13:50	14°♌42'37	2°11'08		-3292 Oct 13 j 00:31	0°♑
min. Earth dist.	-3294 May 04 j 00:21	14°♌26'10	0.29022 AU	desc. node	-3292 Oct 27 j 21:20	18°♑42'23
morning rise	-3294 May 09 j 19:33	10°♌57'57		evening rise	-3292 Nov 03 j 11:44	26°♑59'39
desc. node	-3294 May 13 j 01:35	9°♌19'08			-3292 Nov 05 j 21:15	0°♓
direct	-3294 May 25 j 04:09	6°♌28'23			-3292 Nov 29 j 20:48	0°♊
greatest brilliancy	-3294 Jun 08 j 11:18	10°♌00'27	-4.5m		-3292 Dec 24 j 00:10	0°♈
	-3294 Jul 06 j 02:54	0°♍			-3291 Jan 17 j 09:21	0°♊
morning max el	-3294 Jul 13 j 10:07	6°♍52'09	46°08'03		-3291 Feb 11 j 04:01	0°♋
	-3294 Aug 04 j 16:31	0°♎		asc. node	-3291 Feb 17 j 18:36	7°♋53'16
	-3294 Aug 30 j 23:48	0°♏			-3291 Mar 08 j 14:11	0°♌
asc. node	-3294 Sep 03 j 00:37	3°♏35'03			-3291 Apr 04 j 03:03	0°♍
	-3294 Sep 24 j 22:30	0°♐			-3291 May 03 j 01:15	0°♎
	-3294 Oct 19 j 05:29	0°♑		evening max el	-3291 May 04 j 09:29	1°♎16'58 45°18'23
	-3294 Nov 12 j 06:21	0°♑		desc. node	-3291 Jun 09 j 13:20	28°♎03'00
	-3294 Dec 06 j 06:39	0°♓		greatest brilliancy	-3291 Jun 09 j 22:31	28°♎12'20 -4.5m
desc. node	-3294 Dec 23 j 19:26	21°♓50'39			-3291 Jun 15 j 13:04	0°♏
	-3294 Dec 30 j 08:55	0°♊		retrograde	-3291 Jun 22 j 00:57	0°♏46'41
morning set	-3293 Jan 17 j 04:56	22°♊07'26			-3291 Jun 28 j 08:01	30°♋♎
	-3293 Jan 23 j 13:39	0°♈		evening set	-3291 Jul 08 j 01:46	25°♎56'12

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3291 Jul 13 j 04:12	22°II55'48	-6°-57'-43			-3289 Dec 15 j 08:14	0°𐌶	
minimum elong	-3291 Jul 12 j 18:04	23°II11'11	6°55'45	max. Earth dist.		-3289 Dec 15 j 12:18	0°𐌶12'44	1.71647 AU
min. Earth dist.	-3291 Jul 13 j 11:28	22°II44'46	0.27961 AU			-3288 Jan 08 j 10:06	0°𐌹	
morning rise	-3291 Jul 17 j 10:02	20°II23'45		evening rise		-3288 Jan 20 j 15:37	15°𐌹10'31	
direct	-3291 Aug 03 j 11:11	14°II54'47				-3288 Feb 01 j 15:20	0°≈	
greatest brilliancy	-3291 Aug 17 j 20:39	18°II36'46	-4.6m			-3288 Feb 26 j 00:54	0°𐌶	
	-3291 Sep 03 j 22:43	0°𐌹		asc. node		-3288 Mar 17 j 06:51	24°𐌶40'30	
morning max el	-3291 Sep 22 j 22:47	17°𐌹36'27	46°45'24			-3288 Mar 21 j 16:18	0°𐌶	
asc. node	-3291 Sep 30 j 12:09	25°𐌹27'37				-3288 Apr 15 j 15:24	0°𐌶	
	-3291 Oct 04 j 17:31	0°𐌶				-3288 May 11 j 01:05	0°II	
	-3291 Oct 31 j 02:43	0°𐌶				-3288 Jun 06 j 03:36	0°𐌹	
	-3291 Nov 25 j 04:42	0°𐌶				-3288 Jul 03 j 15:53	0°𐌶	
	-3291 Dec 19 j 20:12	0°𐌶		desc. node		-3288 Jul 07 j 00:57	3°𐌶29'51	
	-3290 Jan 13 j 09:12	0°𐌶		evening max el		-3288 Jul 16 j 12:14	12°𐌶59'28	46°33'22
desc. node	-3290 Jan 20 j 07:17	8°𐌶27'31				-3288 Aug 04 j 13:42	0°𐌶	
	-3290 Feb 06 j 22:17	0°𐌹		greatest brilliancy		-3288 Aug 25 j 01:50	12°𐌶24'02	-4.6m
	-3290 Mar 03 j 11:35	0°≈		retrograde		-3288 Sep 04 j 08:35	14°𐌶20'23	
	-3290 Mar 28 j 00:28	0°𐌶		evening set		-3288 Sep 21 j 01:39	9°𐌶01'21	
morning set	-3290 Mar 29 j 06:33	1°𐌶32'01		inferior conj		-3288 Sep 24 j 23:30	6°𐌶41'20	-7°-18'-6
	-3290 Apr 21 j 12:17	0°𐌶		minimum elong		-3288 Sep 25 j 09:54	6°𐌶25'32	7°16'05
max. Earth dist.	-3290 May 02 j 09:25	13°𐌶21'08	1.73664 AU	min. Earth dist.		-3288 Sep 25 j 09:40	6°𐌶25'53	0.26599 AU
				morning rise		-3288 Sep 29 j 17:58	3°𐌶51'59	
superior conj	-3290 May 04 j 09:49	15°𐌶49'44	0°-20'-29			-3288 Oct 08 j 16:13	30°𐌶𐌶	
minimum elong	-3290 May 04 j 13:45	16°𐌶01'51	0°20'17	direct		-3288 Oct 15 j 09:56	29°𐌶04'03	
asc. node	-3290 May 13 j 05:13	26°𐌶39'28				-3288 Oct 22 j 07:40	0°𐌶	
	-3290 May 15 j 22:25	0°𐌶		asc. node		-3288 Oct 27 j 23:42	2°𐌶01'41	
evening rise	-3290 Jun 09 j 01:36	29°𐌶44'45		greatest brilliancy		-3288 Oct 28 j 00:59	2°𐌶03'06	-4.7m
	-3290 Jun 09 j 06:32	0°II				-3288 Dec 02 j 13:17	0°𐌶	
	-3290 Jul 03 j 12:57	0°𐌹		morning max el		-3288 Dec 05 j 01:33	2°𐌶31'58	46°47'19
	-3290 Jul 27 j 18:50	0°𐌶				-3288 Dec 30 j 13:35	0°𐌶	
	-3290 Aug 21 j 02:02	0°𐌶				-3287 Jan 25 j 17:52	0°𐌶	
desc. node	-3290 Sep 01 j 22:54	14°𐌶35'41		desc. node		-3287 Feb 16 j 19:08	25°𐌶53'05	
	-3290 Sep 14 j 12:46	0°𐌶				-3287 Feb 20 j 06:40	0°𐌹	
	-3290 Oct 09 j 06:04	0°𐌶				-3287 Mar 17 j 11:46	0°≈	
	-3290 Nov 03 j 12:29	0°𐌶				-3287 Apr 11 j 11:22	0°𐌶	
	-3290 Nov 30 j 01:59	0°𐌹				-3287 May 06 j 05:54	0°𐌶	
evening max el	-3290 Dec 11 j 05:39	11°𐌹42'34	46°44'07			-3287 May 30 j 19:06	0°𐌶	
asc. node	-3290 Dec 23 j 20:52	23°𐌹52'19		morning set		-3287 Jun 04 j 03:37	5°𐌶21'07	
	-3290 Dec 30 j 23:49	0°≈		asc. node		-3287 Jun 09 j 17:13	12°𐌶12'22	
greatest brilliancy	-3289 Jan 15 j 18:56	10°≈37'37	-4.6m			-3287 Jun 24 j 02:49	0°II	
retrograde	-3289 Jan 30 j 15:15	14°≈36'34		max. Earth dist.		-3287 Jul 05 j 23:42	14°II44'25	1.72417 AU
evening set	-3289 Feb 17 j 10:05	8°≈26'03						
inferior conj	-3289 Feb 20 j 22:21	6°≈12'50	8°16'46	superior conj		-3287 Jul 10 j 11:26	20°II19'43	1°03'58
minimum elong	-3289 Feb 21 j 00:25	6°≈09'32	8°16'36	minimum elong		-3287 Jul 10 j 02:41	19°II52'28	1°03'48
min. Earth dist.	-3289 Feb 20 j 15:04	6°≈24'29	0.29016 AU			-3287 Jul 18 j 05:36	0°𐌹	
morning rise	-3289 Feb 24 j 15:01	3°≈53'28				-3287 Aug 11 j 05:05	0°𐌶	
	-3289 Mar 04 j 02:26	30°𐌶𐌹		evening rise		-3287 Aug 16 j 12:51	6°𐌶40'16	
direct	-3289 Mar 14 j 08:54	27°𐌹53'06				-3287 Sep 04 j 03:29	0°𐌶	
	-3289 Mar 25 j 04:06	0°≈				-3287 Sep 28 j 02:53	0°𐌶	
greatest brilliancy	-3289 Mar 26 j 05:07	0°≈24'12	-4.5m	desc. node		-3287 Sep 29 j 11:13	1°𐌶40'57	
desc. node	-3289 Apr 14 j 16:08	12°≈21'53				-3287 Oct 22 j 04:49	0°𐌶	
morning max el	-3289 May 02 j 04:41	27°≈42'56	45°47'59			-3287 Nov 15 j 10:55	0°𐌶	
	-3289 May 04 j 13:48	0°𐌶				-3287 Dec 10 j 00:34	0°𐌹	
	-3289 Jun 02 j 09:25	0°𐌶				-3286 Jan 04 j 05:13	0°≈	
	-3289 Jun 28 j 21:27	0°𐌶		asc. node		-3286 Jan 20 j 08:38	18°≈31'22	
	-3289 Jul 24 j 05:32	0°II				-3286 Jan 30 j 17:38	0°𐌶	
asc. node	-3289 Aug 05 j 14:58	15°II01'37		evening max el		-3286 Feb 20 j 02:23	21°𐌶01'43	45°24'50
	-3289 Aug 17 j 19:40	0°𐌹				-3286 Mar 01 j 18:27	0°𐌶	
	-3289 Sep 10 j 22:10	0°𐌶		greatest brilliancy		-3286 Mar 26 j 04:46	17°𐌶14'13	-4.5m
	-3289 Oct 04 j 18:30	0°𐌶		retrograde		-3286 Apr 09 j 14:02	20°𐌶51'03	
	-3289 Oct 28 j 13:14	0°𐌶		evening set		-3286 Apr 25 j 01:48	16°𐌶16'52	
morning set	-3289 Oct 29 j 11:53	1°𐌶11'23		inferior conj		-3286 May 01 j 01:44	12°𐌶41'07	2°30'50
	-3289 Nov 21 j 09:23	0°𐌶		minimum elong		-3286 May 01 j 06:58	12°𐌶32'56	2°29'25
desc. node	-3289 Nov 25 j 09:28	5°𐌶01'33		min. Earth dist.		-3286 May 01 j 17:14	12°𐌶16'52	0.29052 AU
				morning rise		-3286 May 07 j 11:36	8°𐌶49'41	
superior conj	-3289 Dec 10 j 16:19	24°𐌶10'15	0°-34'-41	desc. node		-3286 May 12 j 03:43	6°𐌶33'11	
minimum elong	-3289 Dec 10 j 07:39	23°𐌶43'09	0°34'25	direct		-3286 May 22 j 20:15	4°𐌶18'51	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-3286 Jun 06 j 04:06	7°Υ51'14	-4.5m		-3284 Dec 23 j 11:43	0°Θ	
	-3286 Jul 06 j 04:15	0°Ϡ			-3283 Jan 16 j 21:10	0°≈	
morning max el	-3286 Jul 11 j 01:45	4°Ϡ39'01	46°06'57		-3283 Feb 10 j 16:21	0°Ϡ	
	-3286 Aug 04 j 09:16	0°Π		asc. node	-3283 Feb 16 j 20:45	7°Ϡ22'15	
	-3286 Aug 30 j 13:52	0°Θ			-3283 Mar 08 j 03:39	0°Υ	
asc. node	-3286 Sep 02 j 02:46	3°Θ00'15			-3283 Apr 03 j 19:00	0°Ϡ	
	-3286 Sep 24 j 11:22	0°Ω		evening max el	-3283 May 02 j 01:20	29°Ϡ05'20	45°17'01
	-3286 Oct 18 j 17:44	0°Ⓜ			-3283 May 03 j 00:26	0°Π	
	-3286 Nov 11 j 18:14	0°Ⓜ		greatest brilliancy	-3283 Jun 07 j 10:10	25°Π53'38	-4.5m
	-3286 Dec 05 j 18:17	0°Ⓜ		desc. node	-3283 Jun 08 j 15:20	26°Π21'49	
desc. node	-3286 Dec 22 j 21:25	21°Ⓜ21'06		retrograde	-3283 Jun 19 j 15:14	28°Π29'50	
	-3286 Dec 29 j 20:21	0°Ϡ		evening set	-3283 Jul 05 j 12:40	23°Π43'58	
morning set	-3285 Jan 14 j 16:54	19°Ϡ40'42		inferior conj	-3283 Jul 10 j 18:29	20°Π38'24	-6°-43'-50
	-3285 Jan 23 j 00:55	0°Θ		minimum elong	-3283 Jul 10 j 08:14	20°Π53'59	6°41'45
	-3285 Feb 16 j 07:43	0°≈		min. Earth dist.	-3283 Jul 11 j 01:22	20°Π27'55	0.28003 AU
				morning rise	-3283 Jul 15 j 03:29	18°Π01'36	
superior conj	-3285 Feb 23 j 01:52	8°≈19'44	-1°-22'-56	direct	-3283 Aug 01 j 02:40	12°Π36'49	
minimum elong	-3285 Feb 23 j 04:48	8°≈28'48	1°23'01	greatest brilliancy	-3283 Aug 15 j 11:28	16°Π18'05	-4.6m
max. Earth dist.	-3285 Feb 25 j 02:53	10°≈50'43	1.73225 AU		-3283 Sep 04 j 08:27	0°Θ	
	-3285 Mar 12 j 16:28	0°Ϡ		morning max el	-3283 Sep 20 j 13:18	15°Θ14'41	46°44'19
evening rise	-3285 Apr 01 j 09:45	24°Ϡ12'41		asc. node	-3283 Sep 29 j 14:22	24°Θ40'26	
	-3285 Apr 06 j 03:05	0°Υ			-3283 Oct 04 j 12:21	0°Ω	
asc. node	-3285 Apr 14 j 19:06	10°Υ36'58			-3283 Oct 30 j 17:52	0°Ⓜ	
	-3285 Apr 30 j 15:35	0°Ϡ			-3283 Nov 24 j 18:13	0°Ⓜ	
	-3285 May 25 j 06:09	0°Π			-3283 Dec 19 j 08:47	0°Ⓜ	
	-3285 Jun 18 j 23:42	0°Θ			-3282 Jan 12 j 21:11	0°Ϡ	
	-3285 Jul 13 j 22:26	0°Ω		desc. node	-3282 Jan 19 j 09:25	7°Ϡ57'56	
desc. node	-3285 Aug 04 j 12:50	25°Ω36'34			-3282 Feb 06 j 09:49	0°Θ	
	-3285 Aug 08 j 06:42	0°Ⓜ			-3282 Mar 02 j 22:47	0°≈	
	-3285 Sep 03 j 09:50	0°Ⓜ		morning set	-3282 Mar 27 j 00:38	29°≈26'53	
evening max el	-3285 Sep 28 j 15:39	27°Ⓜ08'04	47°33'51		-3282 Mar 27 j 11:27	0°Ϡ	
	-3285 Oct 01 j 12:03	0°Ⓜ			-3282 Apr 20 j 23:10	0°Υ	
greatest brilliancy	-3285 Nov 06 j 02:10	27°Ⓜ58'57	-4.7m	max. Earth dist.	-3282 Apr 30 j 07:56	11°Υ29'29	1.73679 AU
	-3285 Nov 11 j 14:05	0°Ϡ					
retrograde	-3285 Nov 18 j 17:51	1°Ϡ01'08		superior conj	-3282 May 02 j 04:48	13°Υ47'14	0°-23'-26
asc. node	-3285 Nov 25 j 11:12	0°Ϡ04'01		minimum elong	-3282 May 02 j 09:16	14°Υ00'58	0°23'12
	-3285 Nov 25 j 16:47	30°ⓂⓂ		asc. node	-3282 May 12 j 07:13	26°Υ12'11	
evening set	-3285 Dec 03 j 10:26	26°Ⓜ38'52			-3282 May 15 j 09:18	0°Ϡ	
min. Earth dist.	-3285 Dec 08 j 12:49	23°Ⓜ36'21	0.26968 AU	evening rise	-3282 Jun 06 j 20:52	27°Ϡ42'10	
inferior conj	-3285 Dec 09 j 11:59	23°Ⓜ00'12	3°27'04		-3282 Jun 08 j 17:32	0°Π	
minimum elong	-3285 Dec 09 j 04:59	23°Ⓜ11'07	3°24'58		-3282 Jul 03 j 00:10	0°Θ	
morning rise	-3285 Dec 15 j 00:17	19°Ⓜ41'25			-3282 Jul 27 j 06:23	0°Ω	
direct	-3285 Dec 29 j 21:31	15°Ⓜ14'36			-3282 Aug 20 j 14:03	0°Ⓜ	
greatest brilliancy	-3284 Jan 09 j 16:19	17°Ⓜ24'31	-4.6m	desc. node	-3282 Sep 01 j 01:04	14°Ⓜ04'36	
	-3284 Jan 30 j 00:46	0°Ϡ			-3282 Sep 14 j 01:24	0°Ⓜ	
morning max el	-3284 Feb 17 j 06:24	16°Ϡ18'25	46°11'02		-3282 Oct 08 j 19:38	0°Ⓜ	
	-3284 Mar 01 j 20:16	0°Θ			-3282 Nov 03 j 03:38	0°Ϡ	
desc. node	-3284 Mar 16 j 06:50	15°Θ24'14			-3282 Nov 29 j 20:49	0°Θ	
	-3284 Mar 29 j 11:38	0°≈		evening max el	-3282 Dec 08 j 21:41	9°Θ26'34	46°47'06
	-3284 Apr 24 j 18:08	0°Ϡ		asc. node	-3282 Dec 22 j 23:00	22°Θ53'49	
	-3284 May 20 j 06:46	0°Υ			-3282 Dec 31 j 11:33	0°≈	
	-3284 Jun 14 j 06:29	0°Ϡ		greatest brilliancy	-3281 Jan 13 j 14:13	8°≈29'16	-4.6m
asc. node	-3284 Jul 07 j 05:10	28°Ϡ02'00		retrograde	-3281 Jan 28 j 08:12	12°≈25'27	
	-3284 Jul 08 j 19:29	0°Π		evening set	-3281 Feb 15 j 03:06	6°≈14'59	
	-3284 Aug 01 j 23:41	0°Θ		inferior conj	-3281 Feb 18 j 15:03	4°≈02'00	8°19'05
morning set	-3284 Aug 12 j 06:34	12°Θ52'15		minimum elong	-3281 Feb 18 j 16:26	3°≈59'47	8°18'57
	-3284 Aug 25 j 21:45	0°Ω		min. Earth dist.	-3281 Feb 18 j 06:23	4°≈15'53	0.28970 AU
	-3284 Sep 18 j 16:51	0°Ⓜ		morning rise	-3281 Feb 22 j 06:03	1°≈44'59	
					-3281 Feb 25 j 06:16	30°ⓂⓂ	
superior conj	-3284 Sep 20 j 02:01	1°Ⓜ44'39	1°12'16	direct	-3281 Mar 12 j 01:12	25°Θ43'21	
minimum elong	-3284 Sep 20 j 11:42	2°Ⓜ15'12	1°12'04	greatest brilliancy	-3281 Mar 23 j 17:41	28°Θ10'42	-4.5m
max. Earth dist.	-3284 Sep 20 j 02:44	1°Ⓜ46'53	1.70957 AU		-3281 Mar 27 j 18:32	0°≈	
	-3284 Oct 12 j 11:50	0°Ⓜ		desc. node	-3281 Apr 13 j 18:15	11°≈19'51	
desc. node	-3284 Oct 26 j 23:26	18°Ⓜ13'19		morning max el	-3281 Apr 29 j 20:00	25°≈31'52	45°47'56
evening rise	-3284 Oct 31 j 20:36	24°Ⓜ21'14			-3281 May 04 j 10:54	0°Ϡ	
	-3284 Nov 05 j 08:36	0°Ⓜ			-3281 Jun 02 j 00:44	0°Υ	
	-3284 Nov 29 j 08:13	0°Ϡ			-3281 Jun 28 j 10:40	0°Ϡ	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3281 Jul 23 j 17:46	0°♊					-3278 Jan 30 j 10:26	0°♋			
asc. node	-3281 Aug 04 j 17:11	14°♊32'03		evening max el	-3278 Feb 17 j 17:19	18°♋48'44	45°26'51				
	-3281 Aug 17 j 07:22	0°♌			-3278 Mar 01 j 22:06	0°♍					
	-3281 Sep 10 j 09:35	0°♎		greatest brilliancy	-3278 Mar 23 j 18:51	15°♍04'07	-4.5m				
	-3281 Oct 04 j 05:47	0°♏		retrograde	-3278 Apr 07 j 07:01	18°♍44'36					
morning set	-3281 Oct 26 j 21:54	28°♏36'13		evening set	-3278 Apr 22 j 20:14	14°♍07'07					
	-3281 Oct 28 j 00:29	0°♐		inferior conj	-3278 Apr 28 j 18:25	10°♍33'47	2°48'57				
	-3281 Nov 20 j 20:36	0°♑		minimum elong	-3278 Apr 29 j 00:12	10°♍24'44	2°47'24				
desc. node	-3281 Nov 24 j 11:25	4°♑32'33		min. Earth dist.	-3278 Apr 29 j 09:54	10°♍09'35	0.29079 AU				
				morning rise	-3278 May 05 j 03:40	6°♍43'20					
superior conj	-3281 Dec 08 j 01:41	21°♑34'31	0°-31'-2	desc. node	-3278 May 11 j 05:41	3°♍53'18					
minimum elong	-3281 Dec 07 j 17:45	21°♑09'43	0°30'47	direct	-3278 May 20 j 12:46	2°♍10'58					
max. Earth dist.	-3281 Dec 12 j 23:03	27°♑41'29	1.71590 AU	greatest brilliancy	-3278 Jun 03 j 20:55	5°♍43'50	-4.5m				
	-3281 Dec 14 j 19:23	0°♒			-3278 Jul 06 j 03:47	0°♓					
	-3280 Jan 07 j 21:11	0°♓		morning max el	-3278 Jul 08 j 18:19	2°♓29'45	46°05'46				
evening rise	-3280 Jan 18 j 04:15	12°♓46'34			-3278 Aug 04 j 01:15	0°♊					
	-3280 Feb 01 j 02:24	0°♋			-3278 Aug 30 j 03:26	0°♌					
	-3280 Feb 25 j 12:03	0°♍		asc. node	-3278 Sep 01 j 04:55	2°♌26'44					
asc. node	-3280 Mar 16 j 09:01	24°♍12'39			-3278 Sep 23 j 23:53	0°♎					
	-3280 Mar 21 j 03:44	0°♍			-3278 Oct 18 j 05:42	0°♏					
	-3280 Apr 15 j 03:24	0°♐			-3278 Nov 11 j 05:51	0°♐					
	-3280 May 10 j 14:10	0°♑			-3278 Dec 05 j 05:39	0°♑					
	-3280 Jun 05 j 18:44	0°♒		desc. node	-3278 Dec 21 j 23:35	20°♑53'01					
desc. node	-3280 Jul 03 j 11:45	0°♒			-3278 Dec 29 j 07:29	0°♓					
evening max el	-3280 Jul 06 j 03:05	2°♒42'18		morning set	-3277 Jan 12 j 04:27	17°♓13'29					
	-3280 Jul 14 j 00:06	10°♒33'21	46°30'07		-3277 Jan 22 j 11:53	0°♓					
	-3280 Aug 05 j 06:22	0°♏			-3277 Feb 15 j 18:33	0°♋					
greatest brilliancy	-3280 Aug 22 j 15:11	9°♏57'10	-4.6m								
retrograde	-3280 Sep 01 j 19:44	11°♏51'50		superior conj	-3277 Feb 20 j 17:19	6°♋06'07	-1°-23'-23				
evening set	-3280 Sep 18 j 17:04	6°♏28'05		minimum elong	-3277 Feb 20 j 19:32	6°♋12'57	1°23'30				
inferior conj	-3280 Sep 22 j 11:39	4°♏12'56	-7°-31'-38	max. Earth dist.	-3277 Feb 22 j 19:42	8°♋41'21	1.73183 AU				
minimum elong	-3280 Sep 22 j 21:45	3°♏57'37	7°29'49		-3277 Mar 12 j 03:15	0°♍					
min. Earth dist.	-3280 Sep 22 j 22:46	3°♏56'04	0.26639 AU	evening rise	-3277 Mar 30 j 03:32	22°♍07'03					
morning rise	-3280 Sep 27 j 02:12	1°♏28'59			-3277 Apr 05 j 13:54	0°♍					
	-3280 Sep 29 j 20:53	30°♑♎		asc. node	-3277 Apr 13 j 21:06	10°♍09'55					
direct	-3280 Oct 12 j 22:00	26°♑34'52			-3277 Apr 30 j 02:32	0°♐					
greatest brilliancy	-3280 Oct 25 j 16:15	29°♑36'47	-4.7m		-3277 May 24 j 17:26	0°♑					
	-3280 Oct 26 j 12:22	0°♏			-3277 Jun 18 j 11:33	0°♒					
asc. node	-3280 Oct 27 j 01:43	0°♏16'05			-3277 Jul 13 j 11:11	0°♒					
morning max el	-3280 Dec 02 j 13:50	0°♐02'24	46°48'06	desc. node	-3277 Aug 03 j 15:00	25°♒02'02					
	-3280 Dec 02 j 12:53	0°♐			-3277 Aug 07 j 20:56	0°♏					
	-3280 Dec 30 j 06:20	0°♑			-3277 Sep 03 j 02:51	0°♐					
	-3279 Jan 25 j 08:00	0°♓		evening max el	-3277 Sep 26 j 06:31	24°♐46'13	47°33'26				
desc. node	-3279 Feb 15 j 21:16	25°♓21'18			-3277 Oct 01 j 12:37	0°♑					
	-3279 Feb 19 j 19:24	0°♓		greatest brilliancy	-3277 Nov 03 j 17:19	25°♑33'51	-4.7m				
	-3279 Mar 16 j 23:37	0°♋		retrograde	-3277 Nov 16 j 08:12	28°♑34'42					
	-3279 Apr 10 j 22:41	0°♍		asc. node	-3277 Nov 24 j 13:21	27°♑09'14					
	-3279 May 05 j 16:52	0°♍		evening set	-3277 Nov 30 j 22:41	24°♑14'26					
	-3279 May 30 j 05:54	0°♐		min. Earth dist.	-3277 Dec 06 j 02:35	21°♑10'02	0.26906 AU				
morning set	-3279 Jun 01 j 22:20	3°♐17'57		inferior conj	-3277 Dec 07 j 01:18	20°♑34'40	3°05'51				
asc. node	-3279 Jun 08 j 19:19	11°♐45'41		minimum elong	-3277 Dec 06 j 18:53	20°♑44'39	3°03'53				
	-3279 Jun 23 j 13:34	0°♑		morning rise	-3277 Dec 12 j 15:53	17°♑13'25					
max. Earth dist.	-3279 Jul 03 j 19:06	12°♑41'59	1.72482 AU	direct	-3277 Dec 27 j 10:39	12°♑50'08					
				greatest brilliancy	-3276 Jan 07 j 05:33	15°♑00'54	-4.6m				
superior conj	-3279 Jul 08 j 05:04	18°♑11'34	1°01'50		-3276 Jan 30 j 11:26	0°♓					
minimum elong	-3279 Jul 07 j 20:16	17°♑44'11	1°01'39	morning max el	-3276 Feb 14 j 21:14	14°♓01'48	46°12'20				
	-3279 Jul 17 j 16:25	0°♒			-3276 Mar 01 j 14:54	0°♓					
	-3279 Aug 10 j 16:03	0°♒		desc. node	-3276 Mar 15 j 08:56	14°♓46'00					
evening rise	-3279 Aug 14 j 03:31	4°♒21'24			-3276 Mar 29 j 02:14	0°♋					
	-3279 Sep 03 j 14:40	0°♏			-3276 Apr 24 j 06:56	0°♍					
	-3279 Sep 27 j 14:18	0°♐			-3276 May 19 j 18:35	0°♍					
desc. node	-3279 Sep 28 j 13:16	1°♐11'40			-3276 Jun 13 j 17:45	0°♐					
	-3279 Oct 21 j 16:30	0°♑		asc. node	-3276 Jul 06 j 07:24	27°♐35'03					
	-3279 Nov 14 j 22:58	0°♓			-3276 Jul 08 j 06:28	0°♑					
	-3279 Dec 09 j 13:15	0°♓			-3276 Aug 01 j 10:33	0°♒					
	-3278 Jan 03 j 19:07	0°♋		morning set	-3276 Aug 09 j 21:38	10°♒35'05					
asc. node	-3278 Jan 19 j 10:50	17°♋54'33			-3276 Aug 25 j 08:36	0°♒					

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3276 Sep 17 j 13:57	29° Ω 16'26	1°14'07	morning rise	-3273 Feb 19 j 21:04	29° \mathfrak{Z} 35'16	
minimum elong	-3276 Sep 17 j 23:04	29° Ω 45'10	1°13'58	direct	-3273 Mar 09 j 16:44	23° \mathfrak{Z} 32'34	
max. Earth dist.	-3276 Sep 17 j 09:46	29° Ω 03'14	1.70980 AU	greatest brilliancy	-3273 Mar 21 j 07:02	23° \mathfrak{Z} 57'20	-4.5m
	-3276 Sep 18 j 03:46	0° \mathfrak{M}			-3273 Mar 29 j 09:50	0° \approx	
	-3276 Oct 11 j 22:51	0° $\underline{\Omega}$		desc. node	-3273 Apr 12 j 20:15	10° \approx 18'47	
desc. node	-3276 Oct 26 j 01:26	17° $\underline{\Omega}$ 44'44		morning max el	-3273 Apr 27 j 10:31	23° \approx 18'34	45°48'02
evening rise	-3276 Oct 29 j 05:20	21° $\underline{\Omega}$ 43'06			-3273 May 04 j 07:20	0° \mathfrak{H}	
	-3276 Nov 04 j 19:43	0° \mathfrak{M}			-3273 Jun 01 j 15:49	0° \mathfrak{Y}	
	-3276 Nov 28 j 19:27	0° \mathfrak{Z}			-3273 Jun 27 j 23:44	0° \mathfrak{B}	
	-3276 Dec 22 j 23:06	0° \mathfrak{Z}			-3273 Jul 23 j 05:52	0° Π	
	-3275 Jan 16 j 08:48	0° \approx		asc. node	-3273 Aug 03 j 19:12	14° Π 02'11	
	-3275 Feb 10 j 04:32	0° \mathfrak{H}			-3273 Aug 16 j 18:58	0° \mathfrak{S}	
asc. node	-3275 Feb 15 j 22:54	6° \mathfrak{H} 51'49			-3273 Sep 09 j 20:55	0° Ω	
	-3275 Mar 07 j 17:01	0° \mathfrak{Y}			-3273 Oct 03 j 16:58	0° \mathfrak{M}	
	-3275 Apr 03 j 11:00	0° \mathfrak{B}		morning set	-3273 Oct 24 j 08:25	26° \mathfrak{M} 02'59	
evening max el	-3275 Apr 29 j 16:57	26° \mathfrak{B} 53'49	45°15'45		-3273 Oct 27 j 11:35	0° $\underline{\Omega}$	
	-3275 May 03 j 00:23	0° Π			-3273 Nov 20 j 07:39	0° \mathfrak{M}	
greatest brilliancy	-3275 Jun 04 j 22:58	23° Π 37'11	-4.5m	desc. node	-3273 Nov 23 j 13:38	4° \mathfrak{M} 04'48	
desc. node	-3275 Jun 07 j 17:33	24° Π 38'03					
retrograde	-3275 Jun 17 j 05:04	26° Π 14'09		superior conj	-3273 Dec 05 j 11:22	19° \mathfrak{M} 00'13	0°-27'-21
evening set	-3275 Jul 02 j 23:49	21° Π 32'53		minimum elong	-3273 Dec 05 j 04:15	18° \mathfrak{M} 37'57	0°27'08
inferior conj	-3275 Jul 08 j 08:52	18° Π 22'29	-6°-29'-20	max. Earth dist.	-3273 Dec 10 j 08:17	25° \mathfrak{M} 05'53	1.71537 AU
minimum elong	-3275 Jul 07 j 22:34	18° Π 38'11	6°27'10		-3273 Dec 14 j 06:24	0° \mathfrak{Z}	
min. Earth dist.	-3275 Jul 08 j 15:47	18° Π 11'56	0.28039 AU		-3272 Jan 07 j 08:10	0° \mathfrak{Z}	
morning rise	-3275 Jul 12 j 20:58	15° Π 40'51		evening rise	-3272 Jan 15 j 16:48	10° \mathfrak{Z} 22'34	
direct	-3275 Jul 29 j 17:51	10° Π 20'22			-3272 Jan 31 j 13:25	0° \approx	
greatest brilliancy	-3275 Aug 13 j 01:41	13° Π 59'57	-4.6m		-3272 Feb 24 j 23:14	0° \mathfrak{H}	
	-3275 Sep 04 j 15:01	0° \mathfrak{S}		asc. node	-3272 Mar 15 j 11:00	23° \mathfrak{H} 44'02	
morning max el	-3275 Sep 18 j 02:51	12° \mathfrak{S} 51'46	46°43'16		-3272 Mar 20 j 15:14	0° \mathfrak{Y}	
asc. node	-3275 Sep 28 j 16:24	23° \mathfrak{S} 54'42			-3272 Apr 14 j 15:32	0° \mathfrak{B}	
	-3275 Oct 04 j 06:18	0° Ω			-3272 May 10 j 03:26	0° Π	
	-3275 Oct 30 j 08:29	0° \mathfrak{M}			-3272 Jun 05 j 10:11	0° \mathfrak{S}	
	-3275 Nov 24 j 07:22	0° $\underline{\Omega}$			-3272 Jul 03 j 08:21	0° Ω	
	-3275 Dec 18 j 21:07	0° \mathfrak{M}		desc. node	-3272 Jul 05 j 05:14	1° Ω 53'48	
	-3274 Jan 12 j 08:59	0° \mathfrak{Z}		evening max el	-3272 Jul 11 j 11:35	8° Ω 06'17	46°26'58
desc. node	-3274 Jan 18 j 11:34	7° \mathfrak{Z} 28'47			-3272 Aug 06 j 04:50	0° \mathfrak{M}	
	-3274 Feb 05 j 21:13	0° \mathfrak{Z}		greatest brilliancy	-3272 Aug 20 j 03:45	7° \mathfrak{M} 29'13	-4.6m
	-3274 Mar 02 j 09:51	0° \approx		retrograde	-3272 Aug 30 j 07:12	9° \mathfrak{M} 23'12	
morning set	-3274 Mar 24 j 18:08	27° \approx 20'25		evening set	-3272 Sep 16 j 08:15	3° \mathfrak{M} 54'28	
	-3274 Mar 26 j 22:17	0° \mathfrak{H}		inferior conj	-3272 Sep 19 j 23:41	1° \mathfrak{M} 44'11	-7°-44'-15
	-3274 Apr 20 j 09:53	0° \mathfrak{Y}		minimum elong	-3272 Sep 20 j 09:23	1° \mathfrak{M} 29'30	7°42'38
max. Earth dist.	-3274 Apr 28 j 05:02	9° \mathfrak{Y} 34'03	1.73691 AU	min. Earth dist.	-3272 Sep 20 j 11:35	1° \mathfrak{M} 26'09	0.26678 AU
					-3272 Sep 22 j 21:00	30° \mathfrak{R} Ω	
superior conj	-3274 Apr 29 j 23:26	11° \mathfrak{Y} 44'13	0°-26'-21	morning rise	-3272 Sep 24 j 10:15	29° Ω 06'01	
minimum elong	-3274 Apr 30 j 04:25	11° \mathfrak{Y} 59'31	0°26'07	direct	-3272 Oct 10 j 10:04	24° Ω 05'11	
asc. node	-3274 May 11 j 09:20	25° \mathfrak{Y} 45'40		greatest brilliancy	-3272 Oct 23 j 07:38	27° Ω 10'35	-4.7m
	-3274 May 14 j 20:02	0° \mathfrak{B}		asc. node	-3272 Oct 26 j 03:50	28° Ω 34'30	
evening rise	-3274 Jun 04 j 16:00	25° \mathfrak{B} 39'39			-3272 Oct 28 j 16:39	0° \mathfrak{M}	
	-3274 Jun 08 j 04:24	0° Π		morning max el	-3272 Nov 30 j 03:01	27° \mathfrak{M} 35'10	46°49'07
	-3274 Jul 02 j 11:15	0° \mathfrak{S}			-3272 Dec 02 j 11:28	0° $\underline{\Omega}$	
	-3274 Jul 26 j 17:46	0° Ω			-3272 Dec 29 j 22:43	0° \mathfrak{M}	
	-3274 Aug 20 j 01:52	0° \mathfrak{M}			-3271 Jan 24 j 21:56	0° \mathfrak{Z}	
desc. node	-3274 Aug 31 j 03:08	13° \mathfrak{M} 33'55		desc. node	-3271 Feb 14 j 23:20	24° \mathfrak{Z} 49'30	
	-3274 Sep 13 j 13:50	0° $\underline{\Omega}$			-3271 Feb 19 j 08:02	0° \mathfrak{Z}	
	-3274 Oct 08 j 09:00	0° \mathfrak{M}			-3271 Mar 16 j 11:30	0° \approx	
	-3274 Nov 02 j 18:41	0° \mathfrak{Z}			-3271 Apr 10 j 10:04	0° \mathfrak{H}	
	-3274 Nov 29 j 15:56	0° \mathfrak{Z}			-3271 May 05 j 03:58	0° \mathfrak{Y}	
evening max el	-3274 Dec 06 j 12:37	7° \mathfrak{Z} 07'58	46°49'46		-3271 May 29 j 16:50	0° \mathfrak{B}	
asc. node	-3274 Dec 22 j 01:12	21° \mathfrak{Z} 54'16		morning set	-3271 May 30 j 16:45	1° \mathfrak{B} 13'29	
	-3273 Jan 01 j 03:21	0° \approx		asc. node	-3271 Jun 07 j 21:31	11° \mathfrak{B} 18'52	
greatest brilliancy	-3273 Jan 11 j 09:02	6° \approx 19'40	-4.6m		-3271 Jun 23 j 00:27	0° Π	
retrograde	-3273 Jan 26 j 00:29	10° \approx 13'24		max. Earth dist.	-3271 Jul 01 j 14:58	10° Π 40'37	1.72542 AU
evening set	-3273 Feb 12 j 19:30	4° \approx 03'31					
inferior conj	-3273 Feb 16 j 07:30	1° \approx 50'19	8°20'35	superior conj	-3271 Jul 05 j 22:25	16° Π 02'13	0°59'36
minimum elong	-3273 Feb 16 j 08:09	1° \approx 49'16	8°20'30	minimum elong	-3271 Jul 05 j 13:38	15° Π 34'53	0°59'25
min. Earth dist.	-3273 Feb 15 j 21:48	2° \approx 05'52	0.28924 AU		-3271 Jul 17 j 03:22	0° \mathfrak{S}	
	-3273 Feb 19 j 05:02	30° \mathfrak{R} \mathfrak{Z}			-3271 Aug 10 j 03:10	0° Ω	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3271 Aug 11 j 18:12	2°♌02'12		-3268 Mar 28 j 16:52	0°♊		
	-3271 Sep 03 j 02:01	0°♎		-3268 Apr 23 j 19:51	0°♋		
	-3271 Sep 27 j 01:53	0°♊		-3268 May 19 j 06:35	0°♎		
desc. node	-3271 Sep 27 j 15:17	0°♊41'47		-3268 Jun 13 j 05:17	0°♋		
	-3271 Oct 21 j 04:20	0°♌		asc. node	-3268 Jul 05 j 09:26	27°♊06'30	
	-3271 Nov 14 j 11:09	0°♍		-3268 Jul 07 j 17:45	0°♌		
	-3271 Dec 09 j 02:03	0°♎		-3268 Jul 31 j 21:46	0°♍		
	-3270 Jan 03 j 09:11	0°♊		morning set	-3268 Aug 07 j 12:33	8°♎16'26	
asc. node	-3270 Jan 18 j 12:54	17°♊17'06		-3268 Aug 24 j 19:50	0°♌		
	-3270 Jan 30 j 03:37	0°♋		max. Earth dist.	-3268 Sep 14 j 13:21	26°♌07'40	1.71003 AU
evening max el	-3270 Feb 15 j 09:03	16°♋37'32	45°28'49	superior conj	-3268 Sep 15 j 01:54	26°♌47'12	1°15'49
	-3270 Mar 02 j 03:46	0°♎		minimum elong	-3268 Sep 15 j 10:23	27°♌13'57	1°15'42
greatest brilliancy	-3270 Mar 21 j 09:12	12°♎53'59	-4.5m		-3268 Sep 17 j 15:03	0°♎	
retrograde	-3270 Apr 05 j 00:11	16°♎37'25			-3268 Oct 11 j 10:11	0°♊	
evening set	-3270 Apr 20 j 14:46	11°♎56'38			-3268 Oct 25 j 03:37	17°♊15'44	
inferior conj	-3270 Apr 26 j 11:03	8°♎25'38	3°06'46	desc. node	-3268 Oct 26 j 13:54	19°♊03'27	
minimum elong	-3270 Apr 26 j 17:21	8°♎15'47	3°05'07	evening rise	-3268 Nov 04 j 07:10	0°♌	
min. Earth dist.	-3270 Apr 27 j 02:14	8°♎01'54	0.29109 AU		-3268 Nov 28 j 07:01	0°♍	
morning rise	-3270 May 02 j 19:33	4°♎36'21			-3268 Dec 22 j 10:48	0°♎	
desc. node	-3270 May 10 j 07:55	1°♎16'41			-3267 Jan 15 j 20:46	0°♊	
direct	-3270 May 18 j 05:41	0°♎02'18			-3267 Feb 09 j 17:04	0°♋	
greatest brilliancy	-3270 Jun 01 j 13:10	3°♎34'55	-4.5m		asc. node	-3267 Feb 15 j 00:55	6°♋20'06
	-3270 Jul 06 j 02:43	0°♋			-3267 Mar 07 j 06:44	0°♎	
morning max el	-3270 Jul 06 j 11:31	0°♋21'15	46°04'33		-3267 Apr 03 j 03:30	0°♋	
	-3270 Aug 03 j 17:17	0°♌			-3267 Apr 27 j 07:57	24°♋40'21	45°14'31
	-3270 Aug 29 j 17:10	0°♍		evening max el	-3267 May 03 j 01:45	0°♌	
asc. node	-3270 Aug 31 j 06:59	1°♍52'23			-3267 Jun 02 j 11:48	21°♌20'29	-4.5m
	-3270 Sep 23 j 12:34	0°♌		greatest brilliancy	-3267 Jun 06 j 19:38	22°♌49'53	
	-3270 Oct 17 j 17:51	0°♎		desc. node	-3267 Jun 14 j 18:35	23°♌58'30	
	-3270 Nov 10 j 17:40	0°♊		retrograde	-3267 Jun 30 j 11:17	19°♌21'18	
	-3270 Dec 04 j 17:11	0°♌		evening set	-3267 Jul 05 j 23:28	16°♌06'25	-6°-14'-19
desc. node	-3270 Dec 21 j 01:42	20°♌24'04		inferior conj	-3267 Jul 05 j 13:10	16°♌22'10	6°12'03
	-3270 Dec 28 j 18:49	0°♍		minimum elong	-3267 Jul 06 j 06:45	15°♌55'18	0.28083 AU
morning set	-3269 Jan 09 j 16:11	14°♍46'11		min. Earth dist.	-3267 Jul 10 j 14:37	13°♌20'01	
	-3269 Jan 21 j 23:01	0°♎		morning rise	-3267 Jul 27 j 08:49	8°♌03'28	
	-3269 Feb 15 j 05:34	0°♊		direct	-3267 Aug 10 j 16:59	11°♌42'24	-4.6m
				greatest brilliancy	-3267 Sep 04 j 20:04	0°♍	
superior conj	-3269 Feb 18 j 08:55	3°♊52'24	-1°-23'-43		-3267 Sep 15 j 16:01	10°♍26'44	46°42'08
minimum elong	-3269 Feb 18 j 10:22	3°♊56'54	1°23'50	morning max el	-3267 Sep 27 j 18:33	23°♍08'37	
max. Earth dist.	-3269 Feb 20 j 14:44	6°♊38'19	1.73139 AU	asc. node	-3267 Oct 04 j 00:19	0°♌	
	-3269 Mar 11 j 14:11	0°♋			-3267 Oct 29 j 23:21	0°♎	
evening rise	-3269 Mar 27 j 21:31	20°♋01'25			-3267 Nov 23 j 20:48	0°♊	
	-3269 Apr 05 j 00:53	0°♎			-3267 Dec 18 j 09:44	0°♌	
asc. node	-3269 Apr 12 j 23:16	9°♎42'40			-3266 Jan 11 j 21:03	0°♍	
	-3269 Apr 29 j 13:44	0°♋			-3266 Jan 17 j 13:35	6°♍58'22	
	-3269 May 24 j 05:02	0°♌		desc. node	-3266 Feb 05 j 08:52	0°♎	
	-3269 Jun 17 j 23:46	0°♍			-3266 Mar 01 j 21:10	0°♊	
	-3269 Jul 13 j 00:22	0°♌			-3266 Mar 22 j 11:45	25°♊13'27	
desc. node	-3269 Aug 02 j 17:01	24°♌25'53		morning set	-3266 Mar 26 j 09:22	0°♋	
	-3269 Aug 07 j 11:40	0°♎			-3266 Apr 19 j 20:51	0°♎	
	-3269 Sep 02 j 20:35	0°♊			-3266 Apr 26 j 01:39	7°♎36'27	1.73698 AU
evening max el	-3269 Sep 23 j 22:02	22°♊25'09	47°32'55	max. Earth dist.			
	-3269 Oct 01 j 14:49	0°♌			-3266 Apr 27 j 18:26	9°♎41'36	0°-29'-13
greatest brilliancy	-3269 Nov 01 j 08:58	23°♌08'27	-4.7m	superior conj	-3266 Apr 27 j 23:54	9°♎58'24	0°28'59
retrograde	-3269 Nov 13 j 22:34	26°♌06'58		minimum elong	-3266 May 10 j 11:32	25°♎18'45	
asc. node	-3269 Nov 23 j 15:36	24°♌07'54		asc. node	-3266 May 14 j 07:00	0°♋	
evening set	-3269 Nov 28 j 11:10	21°♌48'46			-3266 Jun 02 j 11:32	23°♋37'51	
min. Earth dist.	-3269 Dec 03 j 16:20	18°♌42'30	0.26842 AU	evening rise	-3266 Jun 07 j 15:29	0°♌	
inferior conj	-3269 Dec 04 j 14:32	18°♌07'59	2°44'11		-3266 Jul 01 j 22:34	0°♍	
minimum elong	-3269 Dec 04 j 08:47	18°♌16'56	2°42'22		-3266 Jul 26 j 05:28	0°♌	
morning rise	-3269 Dec 10 j 07:17	14°♌44'16			-3266 Aug 19 j 14:04	0°♎	
direct	-3269 Dec 24 j 23:56	10°♌24'43			-3266 Aug 30 j 05:10	13°♎01'55	
greatest brilliancy	-3268 Jan 04 j 18:04	12°♌35'18	-4.6m	desc. node	-3266 Sep 13 j 02:44	0°♊	
	-3268 Jan 30 j 19:39	0°♍			-3266 Oct 07 j 22:54	0°♌	
morning max el	-3268 Feb 12 j 11:49	11°♍43'40	46°13'45		-3266 Nov 02 j 10:22	0°♍	
	-3268 Mar 01 j 09:20	0°♎			-3266 Nov 29 j 12:02	0°♎	
desc. node	-3268 Mar 14 j 10:57	14°♎07'19					

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3266 Dec 04 j 02:55	4° $\overline{3}$ 46'32	46°52'40	morning set	-3263 May 28 j 11:28	29° Υ 09'48	
asc. node	-3266 Dec 21 j 03:13	20° $\overline{3}$ 51'58			-3263 May 29 j 03:49	0° $\overline{8}$	
	-3265 Jan 02 j 01:16	0° \approx		asc. node	-3263 Jun 06 j 23:32	10° $\overline{8}$ 51'19	
greatest brilliancy	-3265 Jan 09 j 02:55	4° \approx 07'47	-4.6m		-3263 Jun 22 j 11:22	0° $\overline{\Pi}$	
retrograde	-3265 Jan 23 j 16:46	8° \approx 00'40		max. Earth dist.	-3263 Jun 29 j 10:16	8° $\overline{\Pi}$ 37'31	1.72596 AU
evening set	-3265 Feb 10 j 11:40	1° \approx 51'31					
	-3265 Feb 13 j 10:13	30° \overline{R} $\overline{3}$		superior conj	-3263 Jul 03 j 16:14	13° $\overline{\Pi}$ 54'19	0°57'19
min. Earth dist.	-3265 Feb 13 j 13:26	29° $\overline{3}$ 54'51	0.28875 AU	minimum elong	-3263 Jul 03 j 07:31	13° $\overline{\Pi}$ 27'13	0°57'06
inferior conj	-3265 Feb 14 j 00:00	29° $\overline{3}$ 37'53	8°21'31		-3263 Jul 16 j 14:20	0° $\overline{\Theta}$	
minimum elong	-3265 Feb 13 j 23:55	29° $\overline{3}$ 38'01	8°21'25	evening rise	-3263 Aug 09 j 09:35	29° $\overline{\Theta}$ 45'20	
morning rise	-3265 Feb 17 j 12:23	27° $\overline{3}$ 24'33			-3263 Aug 09 j 14:16	0° $\overline{\Omega}$	
direct	-3265 Mar 07 j 07:56	21° $\overline{3}$ 20'53			-3263 Sep 02 j 13:18	0° $\overline{\eta}$	
greatest brilliancy	-3265 Mar 18 j 21:21	23° $\overline{3}$ 44'20	-4.5m	desc. node	-3263 Sep 26 j 17:30	0° $\overline{\Delta}$ 12'42	
	-3265 Mar 30 j 13:38	0° \approx			-3263 Sep 26 j 13:25	0° $\overline{\Delta}$	
desc. node	-3265 Apr 11 j 22:30	9° \approx 19'03			-3263 Oct 20 j 16:11	0° $\overline{\mathbb{M}}$	
morning max el	-3265 Apr 25 j 01:29	21° \approx 05'41	45°48'22		-3263 Nov 13 j 23:26	0° \overline{x}	
	-3265 May 04 j 03:23	0° \overline{H}			-3263 Dec 08 j 15:02	0° $\overline{3}$	
	-3265 Jun 01 j 06:53	0° $\overline{\Upsilon}$			-3262 Jan 02 j 23:33	0° \approx	
	-3265 Jun 27 j 12:52	0° $\overline{8}$		asc. node	-3262 Jan 17 j 15:00	16° \approx 38'53	
	-3265 Jul 22 j 18:04	0° $\overline{\Pi}$			-3262 Jan 29 j 21:22	0° \overline{H}	
asc. node	-3265 Aug 02 j 21:19	13° $\overline{\Pi}$ 32'13		evening max el	-3262 Feb 13 j 01:29	14° \overline{H} 27'30	45°30'58
	-3265 Aug 16 j 06:41	0° $\overline{\Theta}$			-3262 Mar 02 j 11:59	0° $\overline{\Upsilon}$	
	-3265 Sep 09 j 08:25	0° $\overline{\Omega}$		greatest brilliancy	-3262 Mar 19 j 00:51	10° $\overline{\Upsilon}$ 45'12	-4.5m
	-3265 Oct 03 j 04:24	0° $\overline{\eta}$		retrograde	-3262 Apr 02 j 17:13	14° $\overline{\Upsilon}$ 29'51	
morning set	-3265 Oct 21 j 18:43	23° $\overline{\eta}$ 28'02		evening set	-3262 Apr 18 j 09:25	9° $\overline{\Upsilon}$ 45'58	
	-3265 Oct 26 j 23:00	0° $\overline{\Delta}$		inferior conj	-3262 Apr 24 j 03:40	6° $\overline{\Upsilon}$ 17'19	3°24'20
	-3265 Nov 19 j 19:01	0° $\overline{\mathbb{M}}$		minimum elong	-3262 Apr 24 j 10:27	6° $\overline{\Upsilon}$ 06'43	3°22'35
desc. node	-3265 Nov 22 j 15:44	3° $\overline{\mathbb{M}}$ 35'44		min. Earth dist.	-3262 Apr 24 j 18:22	5° $\overline{\Upsilon}$ 54'19	0.29132 AU
				morning rise	-3262 Apr 30 j 11:12	2° $\overline{\Upsilon}$ 29'21	
superior conj	-3265 Dec 02 j 20:27	16° $\overline{\mathbb{M}}$ 22'56	0°-23'-33		-3262 May 05 j 15:02	30° \overline{R} \overline{H}	
minimum elong	-3265 Dec 02 j 14:13	16° $\overline{\mathbb{M}}$ 03'24	0°23'21	desc. node	-3262 May 09 j 10:01	28° \overline{H} 44'31	
max. Earth dist.	-3265 Dec 07 j 13:11	22° $\overline{\mathbb{M}}$ 15'45	1.71484 AU	direct	-3262 May 15 j 22:51	27° \overline{H} 53'43	
	-3265 Dec 13 j 17:43	0° \overline{x}			-3262 May 26 j 18:58	0° $\overline{\Upsilon}$	
	-3264 Jan 06 j 19:26	0° $\overline{3}$		greatest brilliancy	-3262 May 30 j 04:05	1° $\overline{\Upsilon}$ 24'25	-4.5m
evening rise	-3264 Jan 13 j 04:50	7° $\overline{3}$ 56'07		morning max el	-3262 Jul 04 j 04:30	28° $\overline{\Upsilon}$ 12'34	46°03'24
	-3264 Jan 31 j 00:42	0° \approx			-3262 Jul 06 j 00:41	0° $\overline{8}$	
	-3264 Feb 24 j 10:38	0° \overline{H}			-3262 Aug 03 j 08:58	0° $\overline{\Pi}$	
asc. node	-3264 Mar 14 j 13:11	23° \overline{H} 15'24			-3262 Aug 29 j 06:39	0° $\overline{\Theta}$	
	-3264 Mar 20 j 02:58	0° $\overline{\Upsilon}$		asc. node	-3262 Aug 30 j 09:08	1° $\overline{\Theta}$ 18'50	
	-3264 Apr 14 j 03:53	0° $\overline{8}$			-3262 Sep 23 j 01:02	0° $\overline{\Omega}$	
	-3264 May 09 j 16:55	0° $\overline{\Pi}$			-3262 Oct 17 j 05:46	0° $\overline{\eta}$	
	-3264 Jun 05 j 01:55	0° $\overline{\Theta}$			-3262 Nov 10 j 05:16	0° $\overline{\Delta}$	
	-3264 Jul 03 j 05:38	0° $\overline{\Omega}$			-3262 Dec 04 j 04:34	0° $\overline{\mathbb{M}}$	
desc. node	-3264 Jul 04 j 07:17	1° $\overline{\Omega}$ 04'17		desc. node	-3262 Dec 20 j 03:41	19° $\overline{\mathbb{M}}$ 55'09	
evening max el	-3264 Jul 09 j 00:02	5° $\overline{\Omega}$ 42'01	46°23'57		-3262 Dec 28 j 06:02	0° \overline{x}	
	-3264 Aug 07 j 11:22	0° $\overline{\eta}$		morning set	-3261 Jan 07 j 03:36	12° \overline{x} 18'02	
greatest brilliancy	-3264 Aug 17 j 15:02	5° $\overline{\eta}$ 00'44	-4.6m		-3261 Jan 21 j 10:06	0° $\overline{3}$	
retrograde	-3264 Aug 27 j 19:21	6° $\overline{\eta}$ 55'28			-3261 Feb 14 j 16:32	0° \approx	
evening set	-3264 Sep 13 j 23:30	1° $\overline{\eta}$ 21'42					
	-3264 Sep 16 j 06:47	30° \overline{R} $\overline{\Omega}$		superior conj	-3261 Feb 15 j 23:53	1° \approx 36'44	-1°-23'-55
inferior conj	-3264 Sep 17 j 11:56	29° $\overline{\Omega}$ 16'01	-7°-55'-48	minimum elong	-3261 Feb 16 j 00:32	1° \approx 38'46	1°24'02
minimum elong	-3264 Sep 17 j 21:09	29° $\overline{\Omega}$ 02'05	7°54'22	max. Earth dist.	-3261 Feb 18 j 09:57	4° \approx 35'50	1.73096 AU
min. Earth dist.	-3264 Sep 18 j 00:10	28° $\overline{\Omega}$ 57'32	0.26726 AU		-3261 Mar 11 j 01:06	0° \overline{H}	
morning rise	-3264 Sep 21 j 18:34	26° $\overline{\Omega}$ 43'44		evening rise	-3261 Mar 25 j 14:53	17° \overline{H} 54'03	
direct	-3264 Oct 07 j 22:59	21° $\overline{\Omega}$ 36'05			-3261 Apr 04 j 11:50	0° $\overline{\Upsilon}$	
greatest brilliancy	-3264 Oct 20 j 22:58	24° $\overline{\Omega}$ 44'34	-4.7m	asc. node	-3261 Apr 12 j 01:25	9° $\overline{\Upsilon}$ 15'38	
asc. node	-3264 Oct 25 j 06:06	26° $\overline{\Omega}$ 57'01			-3261 Apr 29 j 00:51	0° $\overline{8}$	
	-3264 Oct 30 j 03:13	0° $\overline{\eta}$			-3261 May 23 j 16:32	0° $\overline{\Pi}$	
morning max el	-3264 Nov 27 j 17:22	25° $\overline{\eta}$ 10'18	46°49'45		-3261 Jun 17 j 11:55	0° $\overline{\Theta}$	
	-3264 Dec 02 j 09:26	0° $\overline{\Delta}$			-3261 Jul 12 j 13:28	0° $\overline{\Omega}$	
	-3264 Dec 29 j 15:06	0° $\overline{\mathbb{M}}$		desc. node	-3261 Aug 01 j 19:09	23° $\overline{\Omega}$ 50'24	
	-3263 Jan 24 j 11:59	0° \overline{x}			-3261 Aug 07 j 02:21	0° $\overline{\eta}$	
desc. node	-3263 Feb 14 j 01:26	24° \overline{x} 17'18			-3261 Sep 02 j 14:23	0° $\overline{\Delta}$	
	-3263 Feb 18 j 20:49	0° $\overline{3}$		evening max el	-3261 Sep 21 j 13:38	20° $\overline{\Delta}$ 05'19	47°32'20
	-3263 Mar 15 j 23:29	0° \approx			-3261 Oct 01 j 18:01	0° $\overline{\mathbb{M}}$	
	-3263 Apr 09 j 21:33	0° \overline{H}		greatest brilliancy	-3261 Oct 30 j 01:25	20° $\overline{\mathbb{M}}$ 45'26	-4.7m
	-3263 May 04 j 15:07	0° $\overline{\Upsilon}$		retrograde	-3261 Nov 11 j 12:43	23° $\overline{\mathbb{M}}$ 40'31	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3261 Nov 22 j 17:33	21° \mathbb{M} 03'28		asc. node	-3258 May 09 j 13:33	24° \mathbb{Y} 52'06	
evening set	-3261 Nov 26 j 00:03	19° \mathbb{M} 24'24			-3258 May 13 j 17:42	0° \mathcal{B}	
min. Earth dist.	-3261 Dec 01 j 06:34	16° \mathbb{M} 16'07	0.26782 AU	evening rise	-3258 May 31 j 06:53	21° \mathcal{B} 36'21	
inferior conj	-3261 Dec 02 j 03:57	15° \mathbb{M} 42'51	2°22'12		-3258 Jun 07 j 02:18	0° \mathbb{I}	
minimum elong	-3261 Dec 01 j 22:54	15° \mathbb{M} 50'42	2°20'35		-3258 Jul 01 j 09:37	0° \mathfrak{S}	
morning rise	-3261 Dec 07 j 22:40	12° \mathbb{M} 16'36			-3258 Jul 25 j 16:52	0° \mathcal{Q}	
direct	-3261 Dec 22 j 13:15	8° \mathbb{M} 00'53			-3258 Aug 19 j 01:59	0° \mathbb{M}	
greatest brilliancy	-3260 Jan 02 j 07:02	10° \mathbb{M} 11'13	-4.6m	desc. node	-3258 Aug 29 j 07:22	12° \mathbb{M} 31'25	
	-3260 Jan 31 j 01:07	0° \mathcal{A}			-3258 Sep 12 j 15:20	0° \mathfrak{L}	
morning max el	-3260 Feb 10 j 01:40	9° \mathcal{A} 24'20	46°14'52		-3258 Oct 07 j 12:33	0° \mathbb{M}	
	-3260 Mar 01 j 03:06	0° \mathfrak{S}			-3258 Nov 02 j 01:53	0° \mathcal{A}	
desc. node	-3260 Mar 13 j 13:10	13° \mathfrak{S} 30'01			-3258 Nov 29 j 08:18	0° \mathfrak{S}	
	-3260 Mar 28 j 07:10	0° \approx		evening max el	-3258 Dec 01 j 17:25	2° \mathfrak{S} 26'43	46°55'36
	-3260 Apr 23 j 08:32	0° \mathcal{H}		asc. node	-3258 Dec 20 j 05:24	19° \mathfrak{S} 49'43	
	-3260 May 18 j 18:24	0° \mathbb{Y}			-3257 Jan 03 j 06:45	0° \approx	
	-3260 Jun 12 j 16:35	0° \mathcal{B}		greatest brilliancy	-3257 Jan 06 j 19:55	1° \approx 55'47	-4.6m
asc. node	-3260 Jul 04 j 11:31	26° \mathcal{B} 38'48		retrograde	-3257 Jan 21 j 09:26	5° \approx 49'18	
	-3260 Jul 07 j 04:48	0° \mathbb{I}			-3257 Feb 07 j 15:11	30° \mathcal{R} \mathfrak{S}	
	-3260 Jul 31 j 08:43	0° \mathfrak{S}		evening set	-3257 Feb 08 j 03:33	29° \mathfrak{S} 41'05	
morning set	-3260 Aug 05 j 03:30	5° \mathfrak{S} 58'47		min. Earth dist.	-3257 Feb 11 j 04:56	27° \mathfrak{S} 45'15	0.28825 AU
	-3260 Aug 24 j 06:48	0° \mathcal{Q}		inferior conj	-3257 Feb 11 j 16:32	27° \mathfrak{S} 26'40	8°21'35
max. Earth dist.	-3260 Sep 11 j 15:07	23° \mathcal{Q} 07'15	1.71029 AU	minimum elong	-3257 Feb 11 j 15:44	27° \mathfrak{S} 27'57	8°21'28
				morning rise	-3257 Feb 15 j 04:07	25° \mathfrak{S} 14'39	
superior conj	-3260 Sep 12 j 14:11	24° \mathcal{Q} 19'58	1°17'22	direct	-3257 Mar 04 j 23:05	19° \mathfrak{S} 10'20	
minimum elong	-3260 Sep 12 j 22:00	24° \mathcal{Q} 44'36	1°17'17	greatest brilliancy	-3257 Mar 16 j 12:01	21° \mathfrak{S} 33'07	-4.5m
	-3260 Sep 17 j 02:03	0° \mathbb{M}			-3257 Mar 31 j 09:15	0° \approx	
	-3260 Oct 10 j 21:15	0° \mathfrak{L}		desc. node	-3257 Apr 11 j 00:35	8° \approx 21'37	
evening rise	-3260 Oct 23 j 22:47	16° \mathfrak{L} 25'41		morning max el	-3257 Apr 22 j 17:12	18° \approx 55'48	45°48'36
desc. node	-3260 Oct 24 j 05:42	16° \mathfrak{L} 47'25			-3257 May 03 j 22:24	0° \mathcal{H}	
	-3260 Nov 03 j 18:18	0° \mathbb{M}			-3257 May 31 j 21:26	0° \mathbb{Y}	
	-3260 Nov 27 j 18:14	0° \mathcal{A}			-3257 Jun 27 j 01:39	0° \mathcal{B}	
	-3260 Dec 21 j 22:09	0° \mathfrak{S}			-3257 Jul 22 j 05:59	0° \mathbb{I}	
	-3259 Jan 15 j 08:24	0° \approx		asc. node	-3257 Aug 01 j 23:32	13° \mathbb{I} 03'19	
	-3259 Feb 09 j 05:20	0° \mathcal{H}			-3257 Aug 15 j 18:09	0° \mathfrak{S}	
asc. node	-3259 Feb 14 j 03:06	5° \mathcal{H} 49'37			-3257 Sep 08 j 19:38	0° \mathcal{Q}	
	-3259 Mar 06 j 20:19	0° \mathbb{Y}			-3257 Oct 02 j 15:30	0° \mathbb{M}	
	-3259 Apr 02 j 20:06	0° \mathcal{B}		morning set	-3257 Oct 19 j 05:05	20° \mathbb{M} 54'24	
evening max el	-3259 Apr 24 j 22:10	22° \mathcal{B} 25'34	45°13'22		-3257 Oct 26 j 10:04	0° \mathfrak{L}	
	-3259 May 03 j 04:20	0° \mathbb{I}			-3257 Nov 19 j 06:03	0° \mathbb{M}	
greatest brilliancy	-3259 May 31 j 00:10	19° \mathbb{I} 03'45	-4.5m	desc. node	-3257 Nov 21 j 17:43	3° \mathbb{M} 07'18	
desc. node	-3259 Jun 05 j 21:40	20° \mathbb{I} 58'03					
retrograde	-3259 Jun 12 j 08:12	21° \mathbb{I} 43'41		superior conj	-3257 Nov 30 j 05:27	13° \mathbb{M} 46'18	0°-19'-41
evening set	-3259 Jun 27 j 22:50	17° \mathbb{I} 10'00		minimum elong	-3257 Nov 30 j 00:09	13° \mathbb{M} 29'42	0°19'31
inferior conj	-3259 Jul 03 j 14:02	13° \mathbb{I} 51'10	-5°-58'-45	max. Earth dist.	-3257 Dec 04 j 18:16	19° \mathbb{M} 27'02	1.71435 AU
minimum elong	-3259 Jul 03 j 03:48	14° \mathbb{I} 06'49	5°56'25		-3257 Dec 13 j 04:42	0° \mathcal{A}	
min. Earth dist.	-3259 Jul 03 j 21:52	13° \mathbb{I} 39'11	0.28124 AU		-3256 Jan 06 j 06:23	0° \mathfrak{S}	
morning rise	-3259 Jul 08 j 08:14	11° \mathbb{I} 00'09		evening rise	-3256 Jan 10 j 16:54	5° \mathfrak{S} 30'42	
direct	-3259 Jul 24 j 23:21	5° \mathbb{I} 47'13			-3256 Jan 30 j 11:40	0° \approx	
greatest brilliancy	-3259 Aug 08 j 09:10	9° \mathbb{I} 27'00	-4.6m		-3256 Feb 23 j 21:44	0° \mathcal{H}	
	-3259 Sep 04 j 22:57	0° \mathfrak{S}		asc. node	-3256 Mar 13 j 15:22	22° \mathcal{H} 47'47	
morning max el	-3259 Sep 13 j 05:12	8° \mathfrak{S} 02'47	46°41'06		-3256 Mar 19 j 14:22	0° \mathbb{Y}	
asc. node	-3259 Sep 26 j 20:46	22° \mathfrak{S} 24'23			-3256 Apr 13 j 15:56	0° \mathcal{B}	
	-3259 Oct 03 j 17:35	0° \mathcal{Q}			-3256 May 09 j 06:13	0° \mathbb{I}	
	-3259 Oct 29 j 13:42	0° \mathbb{M}			-3256 Jun 04 j 17:40	0° \mathfrak{S}	
	-3259 Nov 23 j 09:47	0° \mathfrak{L}		desc. node	-3256 Jul 03 j 09:25	0° \mathcal{Q} 14'32	
	-3259 Dec 17 j 21:55	0° \mathbb{M}			-3256 Jul 03 j 03:33	0° \mathcal{Q}	
	-3258 Jan 11 j 08:41	0° \mathcal{A}		evening max el	-3256 Jul 06 j 13:25	3° \mathcal{Q} 20'35	46°20'48
desc. node	-3258 Jan 16 j 15:44	6° \mathcal{A} 29'39			-3256 Aug 09 j 07:27	0° \mathbb{M}	
	-3258 Feb 04 j 20:05	0° \mathfrak{S}		greatest brilliancy	-3256 Aug 15 j 01:30	2° \mathbb{M} 31'43	-4.6m
	-3258 Mar 01 j 08:05	0° \approx		retrograde	-3256 Aug 25 j 07:41	4° \mathbb{M} 27'44	
morning set	-3258 Mar 20 j 05:17	23° \approx 07'15			-3256 Sep 09 j 12:11	30° \mathcal{R} \mathcal{Q}	
	-3258 Mar 25 j 20:06	0° \mathcal{H}		evening set	-3256 Sep 11 j 14:32	28° \mathcal{Q} 49'13	
	-3258 Apr 19 j 07:30	0° \mathbb{Y}		inferior conj	-3256 Sep 15 j 00:00	26° \mathcal{Q} 47'54	-8°-6'-29
max. Earth dist.	-3258 Apr 23 j 21:50	5° \mathbb{Y} 38'26	1.73712 AU	minimum elong	-3256 Sep 15 j 08:41	26° \mathcal{Q} 34'47	8°05'14
				min. Earth dist.	-3256 Sep 15 j 12:12	26° \mathcal{Q} 29'29	0.26771 AU
superior conj	-3258 Apr 25 j 13:18	7° \mathbb{Y} 39'32	0°-32'-4	morning rise	-3256 Sep 19 j 02:39	24° \mathcal{Q} 21'35	
minimum elong	-3258 Apr 25 j 19:14	7° \mathbb{Y} 57'44	0°31'48	direct	-3256 Oct 05 j 12:16	19° \mathcal{Q} 07'22	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-3256 Oct 18 j 13:07	22°♏17'34	-4.7m	asc. node	-3253 Apr 11 j 03:26	8°♑48'13	
asc. node	-3256 Oct 24 j 08:06	25°♏23'11			-3253 Apr 28 j 11:59	0°♎	
	-3256 Oct 31 j 03:39	0°♎			-3253 May 23 j 04:04	0°♐	
morning max el	-3256 Nov 25 j 07:53	22°♎46'40	46°50'22		-3253 Jun 17 j 00:04	0°♑	
	-3256 Dec 02 j 06:19	0°♐			-3253 Jul 12 j 02:38	0°♏	
	-3256 Dec 29 j 06:54	0°♐		desc. node	-3253 Jul 31 j 21:18	23°♏14'45	
	-3255 Jan 24 j 01:38	0°♑			-3253 Aug 06 j 17:13	0°♎	
desc. node	-3255 Feb 13 j 03:35	23°♑46'05			-3253 Sep 02 j 08:44	0°♐	
	-3255 Feb 18 j 09:15	0°♑		evening max el	-3253 Sep 19 j 04:19	17°♐42'24	47°31'18
	-3255 Mar 15 j 11:10	0°♑			-3253 Oct 01 j 23:19	0°♐	
	-3255 Apr 09 j 08:45	0°♑		greatest brilliancy	-3253 Oct 27 j 18:26	18°♐21'34	-4.7m
	-3255 May 04 j 02:01	0°♑		retrograde	-3253 Nov 09 j 01:54	21°♐12'08	
morning set	-3255 May 26 j 06:23	27°♑07'34		asc. node	-3253 Nov 21 j 19:46	17°♐51'53	
	-3255 May 28 j 14:33	0°♎		evening set	-3253 Nov 23 j 12:49	16°♐57'55	
asc. node	-3255 Jun 06 j 01:40	10°♎24'51		min. Earth dist.	-3253 Nov 28 j 20:58	13°♐47'18	0.26724 AU
	-3255 Jun 21 j 22:06	0°♐		inferior conj	-3253 Nov 29 j 17:04	13°♐16'02	1°59'33
max. Earth dist.	-3255 Jun 27 j 04:32	6°♐31'53	1.72656 AU	minimum elong	-3253 Nov 29 j 12:46	13°♐22'43	1°58'09
				morning rise	-3253 Dec 05 j 13:34	9°♐47'16	
superior conj	-3255 Jul 01 j 10:08	11°♐47'16	0°54'57	direct	-3253 Dec 20 j 01:51	5°♐35'13	
minimum elong	-3255 Jul 01 j 01:32	11°♐20'33	0°54'43	greatest brilliancy	-3253 Dec 30 j 20:46	7°♐46'26	-4.6m
	-3255 Jul 16 j 01:10	0°♑			-3252 Jan 31 j 05:04	0°♑	
evening rise	-3255 Aug 07 j 00:52	27°♑28'31		morning max el	-3252 Feb 07 j 14:24	7°♑01'21	46°16'14
	-3255 Aug 09 j 01:17	0°♏			-3252 Feb 29 j 20:38	0°♑	
	-3255 Sep 02 j 00:33	0°♎		desc. node	-3252 Mar 12 j 15:16	12°♑52'23	
desc. node	-3255 Sep 25 j 19:32	29°♎43'16			-3252 Mar 27 j 21:25	0°♑	
	-3255 Sep 26 j 00:54	0°♐			-3252 Apr 22 j 21:14	0°♑	
	-3255 Oct 20 j 03:56	0°♐			-3252 May 18 j 06:15	0°♑	
	-3255 Nov 13 j 11:37	0°♑			-3252 Jun 12 j 03:58	0°♎	
	-3255 Dec 08 j 03:56	0°♑		asc. node	-3252 Jul 03 j 13:45	26°♎11'20	
	-3254 Jan 02 j 13:54	0°♑			-3252 Jul 06 j 15:57	0°♐	
asc. node	-3254 Jan 16 j 17:12	16°♑01'05			-3252 Jul 30 j 19:46	0°♑	
	-3254 Jan 29 j 15:19	0°♑		morning set	-3252 Aug 02 j 19:00	3°♑42'35	
evening max el	-3254 Feb 10 j 18:10	12°♑18'26	45°33'06		-3252 Aug 23 j 17:51	0°♏	
	-3254 Mar 02 j 22:50	0°♑		max. Earth dist.	-3252 Sep 08 j 20:07	20°♏16'42	1.71065 AU
greatest brilliancy	-3254 Mar 16 j 17:52	8°♑38'48	-4.5m				
retrograde	-3254 Mar 31 j 10:02	12°♑23'03		superior conj	-3252 Sep 10 j 02:55	21°♏53'49	1°18'45
evening set	-3254 Apr 16 j 04:20	7°♑36'14		minimum elong	-3252 Sep 10 j 10:01	22°♏16'09	1°18'41
inferior conj	-3254 Apr 21 j 20:27	4°♑09'59	3°41'35		-3252 Sep 16 j 13:10	0°♎	
minimum elong	-3254 Apr 22 j 03:39	3°♑58'40	3°39'44		-3252 Oct 10 j 08:30	0°♐	
min. Earth dist.	-3254 Apr 22 j 10:44	3°♑47'34	0.29151 AU	evening rise	-3252 Oct 21 j 07:43	13°♐47'27	
morning rise	-3254 Apr 28 j 02:47	0°♑23'20		desc. node	-3252 Oct 23 j 07:43	16°♐18'11	
	-3254 Apr 28 j 19:54	30°♒			-3252 Nov 03 j 05:41	0°♐	
desc. node	-3254 May 08 j 12:01	26°♑17'57			-3252 Nov 27 j 05:44	0°♑	
direct	-3254 May 13 j 16:11	25°♑46'16			-3252 Dec 21 j 09:49	0°♑	
greatest brilliancy	-3254 May 27 j 18:01	29°♑13'28	-4.5m		-3251 Jan 14 j 20:22	0°♑	
	-3254 May 29 j 08:53	0°♑			-3251 Feb 08 j 17:56	0°♑	
morning max el	-3254 Jul 01 j 20:40	26°♑02'33	46°02'09	asc. node	-3251 Feb 13 j 05:14	5°♑18'11	
	-3254 Jul 05 j 21:37	0°♎			-3251 Mar 06 j 10:17	0°♑	
	-3254 Aug 03 j 00:17	0°♐			-3251 Apr 02 j 13:16	0°♎	
	-3254 Aug 28 j 20:00	0°♑		evening max el	-3251 Apr 22 j 12:17	20°♎10'10	45°12'28
asc. node	-3254 Aug 29 j 11:18	0°♑45'36			-3251 May 03 j 08:48	0°♐	
	-3254 Sep 22 j 13:29	0°♏		greatest brilliancy	-3251 May 28 j 11:48	16°♐46'09	-4.5m
	-3254 Oct 16 j 17:44	0°♎		desc. node	-3251 Jun 04 j 23:54	19°♐02'04	
	-3254 Nov 09 j 16:54	0°♐		retrograde	-3251 Jun 09 j 22:28	19°♐29'21	
	-3254 Dec 03 j 15:58	0°♐		evening set	-3251 Jun 25 j 10:47	14°♐58'35	
desc. node	-3254 Dec 19 j 05:53	19°♐26'50		inferior conj	-3251 Jul 01 j 04:50	11°♐36'08	-5°-42'-38
	-3254 Dec 27 j 17:14	0°♑		minimum elong	-3251 Jun 30 j 18:44	11°♐51'34	5°40'15
morning set	-3253 Jan 04 j 14:47	9°♑49'09		min. Earth dist.	-3251 Jul 01 j 13:03	11°♐23'35	0.28165 AU
	-3253 Jan 20 j 21:09	0°♑		morning rise	-3251 Jul 06 j 02:04	8°♐40'50	
				direct	-3251 Jul 22 j 14:13	3°♐31'08	
superior conj	-3253 Feb 13 j 14:47	29°♑20'51	-1°-23'-58	greatest brilliancy	-3251 Aug 06 j 02:29	7°♐13'15	-4.6m
minimum elong	-3253 Feb 13 j 14:37	29°♑20'22	1°24'06		-3251 Sep 05 j 00:30	0°♑	
	-3253 Feb 14 j 03:28	0°♑		morning max el	-3251 Sep 10 j 19:15	5°♑40'58	46°40'06
max. Earth dist.	-3253 Feb 16 j 06:13	2°♑36'36	1.73049 AU	asc. node	-3251 Sep 25 j 22:48	21°♑39'52	
	-3253 Mar 10 j 11:59	0°♑			-3251 Oct 03 j 10:38	0°♏	
evening rise	-3253 Mar 23 j 08:20	15°♑46'52			-3251 Oct 29 j 04:04	0°♎	
	-3253 Apr 03 j 22:46	0°♑			-3251 Nov 22 j 22:56	0°♐	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3251 Dec 17 j 10:22	0°♌				-3248 Jun 04 j 10:01	0°♊	
	-3250 Jan 10 j 20:38	0°♊			desc. node	-3248 Jul 02 j 11:34	29°♊23'04	
desc. node	-3250 Jan 15 j 17:52	5°♊59'46				-3248 Jul 03 j 02:41	0°♊	
	-3250 Feb 04 j 07:38	0°♊			evening max el	-3248 Jul 04 j 03:23	0°♊59'58	46°17'41
	-3250 Feb 28 j 19:20	0°♊				-3248 Aug 12 j 09:10	0°♊	
morning set	-3250 Mar 17 j 22:26	20°♊58'47			greatest brilliancy	-3248 Aug 12 j 12:09	0°♊02'42	-4.6m
	-3250 Mar 25 j 07:09	0°♊			retrograde	-3248 Aug 22 j 20:00	1°♊59'33	
	-3250 Apr 18 j 18:27	0°♊				-3248 Sep 01 j 19:30	30°♊	
max. Earth dist.	-3250 Apr 21 j 19:17	3°♊43'27	1.73720 AU		evening set	-3248 Sep 09 j 05:32	26°♊16'50	
					inferior conj	-3248 Sep 12 j 12:12	24°♊19'26	-8°-16'-6
superior conj	-3250 Apr 23 j 08:01	5°♊36'09	0°-34'-53		minimum elong	-3248 Sep 12 j 20:16	24°♊07'14	8°15'02
minimum elong	-3250 Apr 23 j 14:24	5°♊55'42	0°34'36		min. Earth dist.	-3248 Sep 13 j 00:12	24°♊01'18	0.26816 AU
asc. node	-3250 May 08 j 15:41	24°♊24'59			morning rise	-3248 Sep 16 j 10:52	21°♊58'51	
	-3250 May 13 j 04:40	0°♊			direct	-3248 Oct 03 j 01:52	16°♊38'28	
evening rise	-3250 May 29 j 02:21	19°♊34'29			greatest brilliancy	-3248 Oct 16 j 02:40	19°♊49'07	-4.7m
	-3250 Jun 06 j 13:24	0°♊			asc. node	-3248 Oct 23 j 10:16	23°♊52'11	
	-3250 Jun 30 j 20:58	0°♊				-3248 Oct 31 j 22:04	0°♊	
	-3250 Jul 25 j 04:35	0°♊			morning max el	-3248 Nov 22 j 21:57	20°♊21'06	46°50'59
	-3250 Aug 18 j 14:11	0°♊				-3248 Dec 02 j 02:49	0°♊	
desc. node	-3250 Aug 28 j 09:24	11°♊59'37				-3248 Dec 28 j 22:43	0°♊	
	-3250 Sep 12 j 04:14	0°♊				-3247 Jan 23 j 15:23	0°♊	
	-3250 Oct 07 j 02:31	0°♊			desc. node	-3247 Feb 12 j 05:38	23°♊13'59	
	-3250 Nov 01 j 17:53	0°♊				-3247 Feb 17 j 21:53	0°♊	
	-3250 Nov 29 j 05:37	0°♊				-3247 Mar 14 j 23:07	0°♊	
evening max el	-3250 Nov 29 j 08:31	0°♊07'23	46°58'18			-3247 Apr 08 j 20:14	0°♊	
asc. node	-3250 Dec 19 j 07:35	18°♊44'35				-3247 May 03 j 13:13	0°♊	
greatest brilliancy	-3249 Jan 04 j 12:14	29°♊41'14	-4.6m		morning set	-3247 May 24 j 01:13	25°♊04'13	
	-3249 Jan 05 j 03:32	0°♊				-3247 May 28 j 01:35	0°♊	
retrograde	-3249 Jan 19 j 02:18	3°♊35'54			asc. node	-3247 Jun 05 j 03:52	9°♊57'39	
	-3249 Feb 01 j 09:03	30°♊				-3247 Jun 21 j 09:05	0°♊	
evening set	-3249 Feb 05 j 18:52	27°♊28'59			max. Earth dist.	-3247 Jun 24 j 21:40	4°♊22'03	1.72712 AU
inferior conj	-3249 Feb 09 j 08:50	25°♊13'18	8°20'47					
minimum elong	-3249 Feb 09 j 07:18	25°♊15'45	8°20'40		superior conj	-3247 Jun 29 j 04:02	9°♊39'36	0°52'29
min. Earth dist.	-3249 Feb 08 j 19:58	25°♊33'53	0.28775 AU		minimum elong	-3247 Jun 28 j 19:35	9°♊13'24	0°52'17
morning rise	-3249 Feb 12 j 19:57	23°♊02'14				-3247 Jul 15 j 12:14	0°♊	
direct	-3249 Mar 02 j 14:23	16°♊57'39			evening rise	-3247 Aug 04 j 16:20	25°♊11'38	
greatest brilliancy	-3249 Mar 14 j 02:26	19°♊19'54	-4.5m			-3247 Aug 08 j 12:32	0°♊	
	-3249 Apr 01 j 00:36	0°♊				-3247 Sep 01 j 12:01	0°♊	
desc. node	-3249 Apr 10 j 02:37	7°♊23'56			desc. node	-3247 Sep 24 j 21:34	29°♊13'03	
morning max el	-3249 Apr 20 j 09:32	16°♊46'05	45°48'57			-3247 Sep 25 j 12:38	0°♊	
	-3249 May 03 j 17:23	0°♊				-3247 Oct 19 j 15:59	0°♊	
	-3249 May 31 j 12:11	0°♊				-3247 Nov 13 j 00:06	0°♊	
	-3249 Jun 26 j 14:40	0°♊				-3247 Dec 07 j 17:09	0°♊	
	-3249 Jul 21 j 18:08	0°♊				-3246 Jan 02 j 04:36	0°♊	
asc. node	-3249 Aug 01 j 01:34	12°♊33'01			asc. node	-3246 Jan 15 j 19:18	15°♊22'08	
	-3249 Aug 15 j 05:51	0°♊				-3246 Jan 29 j 09:54	0°♊	
	-3249 Sep 08 j 07:07	0°♊			evening max el	-3246 Feb 08 j 10:01	10°♊06'40	45°35'13
	-3249 Oct 02 j 02:54	0°♊				-3246 Mar 03 j 13:46	0°♊	
morning set	-3249 Oct 16 j 16:00	18°♊21'33			greatest brilliancy	-3246 Mar 14 j 11:08	6°♊32'05	-4.5m
	-3249 Oct 25 j 21:24	0°♊			retrograde	-3246 Mar 29 j 02:29	10°♊15'42	
	-3249 Nov 18 j 17:21	0°♊			evening set	-3246 Apr 13 j 23:21	5°♊25'49	
desc. node	-3249 Nov 20 j 19:55	2°♊38'48			inferior conj	-3246 Apr 19 j 13:17	2°♊02'09	3°58'24
					minimum elong	-3246 Apr 19 j 20:53	1°♊50'12	3°56'30
superior conj	-3249 Nov 27 j 14:43	11°♊09'31	0°-15'-47		min. Earth dist.	-3246 Apr 20 j 03:25	1°♊39'56	0.29171 AU
minimum elong	-3249 Nov 27 j 10:24	10°♊56'01	0°15'41			-3246 Apr 22 j 19:45	30°♊	
behind sun begin	-3249 Nov 27 j 02:40	10°♊31'45			morning rise	-3246 Apr 25 j 18:15	28°♊16'53	
behind sun end	-3249 Nov 27 j 18:09	11°♊20'17			desc. node	-3246 May 07 j 14:16	23°♊55'07	
max. Earth dist.	-3249 Dec 02 j 02:58	16°♊48'45	1.71389 AU		direct	-3246 May 11 j 09:11	23°♊38'17	
	-3249 Dec 12 j 15:57	0°♊			greatest brilliancy	-3246 May 25 j 08:09	27°♊01'58	-4.5m
	-3248 Jan 05 j 17:38	0°♊				-3246 May 31 j 00:05	0°♊	
evening rise	-3248 Jan 08 j 05:04	3°♊04'35			morning max el	-3246 Jun 29 j 12:02	23°♊49'55	46°01'00
	-3248 Jan 29 j 22:58	0°♊				-3246 Jul 05 j 18:10	0°♊	
	-3248 Feb 23 j 09:11	0°♊				-3246 Aug 02 j 15:37	0°♊	
asc. node	-3248 Mar 12 j 17:20	22°♊18'25				-3246 Aug 28 j 09:25	0°♊	
	-3248 Mar 19 j 02:11	0°♊			asc. node	-3246 Aug 28 j 13:22	0°♊11'49	
	-3248 Apr 13 j 04:25	0°♊				-3246 Sep 22 j 01:59	0°♊	
	-3248 May 08 j 19:59	0°♊				-3246 Oct 16 j 05:45	0°♊	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3246 Nov 09 j 04:38	0°♄	retrograde	-3243 Jun 07 j 13:15	17°♊15'32	
	-3246 Dec 03 j 03:29	0°♌	evening set	-3243 Jun 22 j 22:55	12°♊47'19	
desc. node	-3246 Dec 18 j 07:57	18°♌57'41	inferior conj	-3243 Jun 28 j 19:34	9°♊21'24	-5°-26'-1
	-3246 Dec 27 j 04:35	0°♌	minimum elong	-3243 Jun 28 j 09:39	9°♊36'31	5°23'37
morning set	-3245 Jan 02 j 01:53	7°♌19'27	min. Earth dist.	-3243 Jun 29 j 03:50	9°♊08'48	0.28209 AU
	-3245 Jan 20 j 08:20	0°♌	morning rise	-3243 Jul 03 j 19:49	6°♊22'00	
			direct	-3243 Jul 20 j 05:29	1°♊15'22	
superior conj	-3245 Feb 11 j 05:39	27°♌04'31	greatest brilliancy	-3243 Aug 03 j 19:59	5°♊00'12	-4.6m
minimum elong	-3245 Feb 11 j 04:41	27°♌01'32		-3243 Sep 05 j 00:48	0°♌	
	-3245 Feb 13 j 14:31	0°♌	morning max el	-3243 Sep 08 j 10:19	3°♌22'01	46°38'58
max. Earth dist.	-3245 Feb 14 j 02:01	0°♌35'30	asc. node	-3243 Sep 25 j 00:59	20°♌56'20	
	-3245 Mar 09 j 22:57	0°♌		-3243 Oct 03 j 03:19	0°♌	
evening rise	-3245 Mar 21 j 01:43	13°♌39'12		-3243 Oct 28 j 18:15	0°♌	
	-3245 Apr 03 j 09:48	0°♌		-3243 Nov 22 j 11:54	0°♌	
asc. node	-3245 Apr 10 j 05:38	8°♌21'01		-3243 Dec 16 j 22:37	0°♌	
	-3245 Apr 27 j 23:15	0°♌		-3242 Jan 10 j 08:23	0°♌	
	-3245 May 22 j 15:45	0°♌	desc. node	-3242 Jan 14 j 19:53	5°♌30'09	
	-3245 Jun 16 j 12:25	0°♌		-3242 Feb 03 j 19:00	0°♌	
	-3245 Jul 11 j 16:02	0°♌		-3242 Feb 28 j 06:25	0°♌	
desc. node	-3245 Jul 30 j 23:19	22°♌38'05	morning set	-3242 Mar 15 j 15:22	18°♌50'04	
	-3245 Aug 06 j 08:23	0°♌		-3242 Mar 24 j 18:02	0°♌	
	-3245 Sep 02 j 03:37	0°♌		-3242 Apr 18 j 05:15	0°♌	
evening max el	-3245 Sep 16 j 17:45	15°♌16'14	max. Earth dist.	-3242 Apr 19 j 17:48	1°♌52'09	1.73725 AU
	-3245 Oct 02 j 06:48	0°♌				
greatest brilliancy	-3245 Oct 25 j 11:15	15°♌57'05	superior conj	-3242 Apr 21 j 02:40	3°♌33'02	0°-37'-39
retrograde	-3245 Nov 06 j 14:37	18°♌43'28	minimum elong	-3242 Apr 21 j 09:28	3°♌53'52	0°37'22
asc. node	-3245 Nov 20 j 21:59	14°♌35'31	asc. node	-3242 May 07 j 17:53	23°♌58'38	
evening set	-3245 Nov 21 j 01:40	14°♌30'29		-3242 May 12 j 15:27	0°♌	
min. Earth dist.	-3245 Nov 26 j 11:31	11°♌17'41	evening rise	-3242 May 26 j 21:54	17°♌33'32	
inferior conj	-3245 Nov 27 j 06:06	10°♌48'49		-3242 Jun 06 j 00:18	0°♌	
minimum elong	-3245 Nov 27 j 02:35	10°♌54'16		-3242 Jun 30 j 08:08	0°♌	
morning rise	-3245 Dec 03 j 04:14	7°♌17'44		-3242 Jul 24 j 16:08	0°♌	
direct	-3245 Dec 17 j 13:56	3°♌08'48		-3242 Aug 18 j 02:17	0°♌	
greatest brilliancy	-3245 Dec 28 j 11:30	5°♌22'09	desc. node	-3242 Aug 27 j 11:28	11°♌28'15	
	-3244 Jan 31 j 07:33	0°♌		-3242 Sep 11 j 17:05	0°♌	
morning max el	-3244 Feb 05 j 03:01	4°♌37'31		-3242 Oct 06 j 16:30	0°♌	
	-3244 Feb 29 j 13:52	0°♌		-3242 Nov 01 j 10:01	0°♌	
desc. node	-3244 Mar 11 j 17:17	12°♌14'40	evening max el	-3242 Nov 27 j 00:23	27°♌50'22	47°01'07
	-3244 Mar 27 j 11:33	0°♌		-3242 Nov 29 j 03:33	0°♌	
	-3244 Apr 22 j 09:51	0°♌	asc. node	-3242 Dec 18 j 09:36	17°♌37'50	
	-3244 May 17 j 18:03	0°♌	greatest brilliancy	-3241 Jan 02 j 04:53	27°♌27'26	-4.6m
	-3244 Jun 11 j 15:19	0°♌		-3241 Jan 08 j 09:29	0°♌	
asc. node	-3244 Jul 02 j 15:47	25°♌43'10	retrograde	-3241 Jan 16 j 19:20	1°♌22'30	
	-3244 Jul 06 j 03:06	0°♌		-3241 Jan 24 j 21:49	30°♌	
	-3244 Jul 30 j 06:51	0°♌	evening set	-3241 Feb 03 j 09:47	25°♌17'20	
morning set	-3244 Jul 31 j 10:21	1°♌25'55	min. Earth dist.	-3241 Feb 06 j 10:27	23°♌23'05	0.28720 AU
	-3244 Aug 23 j 04:55	0°♌	inferior conj	-3241 Feb 07 j 00:57	22°♌59'55	8°19'23
max. Earth dist.	-3244 Sep 06 j 03:31	17°♌33'42	minimum elong	-3241 Feb 06 j 22:42	23°♌03'31	8°19'12
			morning rise	-3241 Feb 10 j 11:52	20°♌49'26	
superior conj	-3244 Sep 07 j 15:33	19°♌27'18	direct	-3241 Feb 28 j 06:06	14°♌45'10	
minimum elong	-3244 Sep 07 j 21:52	19°♌47'12	greatest brilliancy	-3241 Mar 11 j 15:51	17°♌05'58	-4.5m
	-3244 Sep 16 j 00:18	0°♌		-3241 Apr 01 j 11:50	0°♌	
	-3244 Oct 09 j 19:43	0°♌	desc. node	-3241 Apr 09 j 04:52	6°♌28'32	
evening rise	-3244 Oct 18 j 16:37	11°♌09'18	morning max el	-3241 Apr 18 j 02:07	14°♌37'42	45°49'19
desc. node	-3244 Oct 22 j 09:54	15°♌49'40		-3241 May 03 j 11:38	0°♌	
	-3244 Nov 02 j 17:00	0°♌		-3241 May 31 j 02:30	0°♌	
	-3244 Nov 26 j 17:11	0°♌		-3241 Jun 26 j 03:20	0°♌	
	-3244 Dec 20 j 21:26	0°♌		-3241 Jul 21 j 05:57	0°♌	
	-3243 Jan 14 j 08:19	0°♌	asc. node	-3241 Jul 31 j 03:42	12°♌03'59	
	-3243 Feb 08 j 06:32	0°♌		-3241 Aug 14 j 17:15	0°♌	
asc. node	-3243 Feb 12 j 07:17	4°♌46'28		-3241 Sep 07 j 18:20	0°♌	
	-3243 Mar 06 j 00:18	0°♌		-3241 Oct 01 j 14:03	0°♌	
	-3243 Apr 02 j 06:40	0°♌	morning set	-3241 Oct 14 j 02:48	15°♌49'05	
evening max el	-3243 Apr 20 j 02:45	17°♌56'09		-3241 Oct 25 j 08:32	0°♌	
	-3243 May 03 j 15:04	0°♌		-3241 Nov 18 j 04:26	0°♌	
greatest brilliancy	-3243 May 25 j 22:31	14°♌28'07	desc. node	-3241 Nov 19 j 22:01	2°♌10'34	
desc. node	-3243 Jun 04 j 01:57	17°♌01'54				

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3241 Nov 24 j 23:27	8°♌31'37	0°-11'-49	morning rise	-3238 Apr 23 j 09:31	26°♐11'17	
minimum elong	-3241 Nov 24 j 20:12	8°♌21'25	0°11'45	desc. node	-3238 May 06 j 16:19	21°♐37'26	
behind sun begin	-3241 Nov 24 j 01:06	7°♌21'29		direct	-3238 May 09 j 01:36	21°♐30'48	
behind sun end	-3241 Nov 25 j 15:18	9°♌21'21		greatest brilliancy	-3238 May 22 j 22:56	24°♐51'56	-4.5m
max. Earth dist.	-3241 Nov 29 j 12:32	14°♌13'39	1.71343 AU		-3238 Jun 01 j 03:05	0°♑	
	-3241 Dec 12 j 02:59	0°♑		morning max el	-3238 Jun 27 j 02:54	21°♑36'47	45°59'55
	-3240 Jan 05 j 04:38	0°♑			-3238 Jul 05 j 13:48	0°♑	
evening rise	-3240 Jan 05 j 16:37	0°♑37'11			-3238 Aug 02 j 06:29	0°♑	
	-3240 Jan 29 j 10:01	0°♑		asc. node	-3238 Aug 27 j 15:30	29°♑39'10	
	-3240 Feb 22 j 20:24	0°♑			-3238 Aug 27 j 22:28	0°♑	
asc. node	-3240 Mar 11 j 19:32	21°♑50'30			-3238 Sep 21 j 14:09	0°♑	
	-3240 Mar 18 j 13:45	0°♑			-3238 Oct 15 j 17:26	0°♑	
	-3240 Apr 12 j 16:42	0°♑			-3238 Nov 08 j 16:01	0°♑	
	-3240 May 08 j 09:35	0°♑			-3238 Dec 02 j 14:40	0°♑	
	-3240 Jun 04 j 02:20	0°♑		desc. node	-3238 Dec 17 j 09:58	18°♑29'22	
evening max el	-3240 Jul 01 j 17:19	28°♑40'27	46°14'37		-3238 Dec 26 j 15:37	0°♑	
desc. node	-3240 Jul 01 j 13:36	28°♑31'28		morning set	-3238 Dec 30 j 12:54	4°♑50'15	
	-3240 Jul 03 j 02:24	0°♑			-3237 Jan 19 j 19:15	0°♑	
greatest brilliancy	-3240 Aug 09 j 23:33	27°♑36'10	-4.6m				
retrograde	-3240 Aug 20 j 08:01	29°♑32'54		superior conj	-3237 Feb 08 j 20:15	24°♑48'00	-1°-23'-41
evening set	-3240 Sep 06 j 20:25	23°♑46'39		minimum elong	-3237 Feb 08 j 18:26	24°♑42'25	1°23'47
inferior conj	-3240 Sep 10 j 00:31	21°♑52'44	-8°-24'-40	max. Earth dist.	-3237 Feb 11 j 19:32	28°♑28'06	1.72946 AU
minimum elong	-3240 Sep 10 j 07:54	21°♑41'34	8°23'47		-3237 Feb 13 j 01:19	0°♑	
min. Earth dist.	-3240 Sep 10 j 12:23	21°♑34'47	0.26861 AU		-3237 Mar 09 j 09:43	0°♑	
morning rise	-3240 Sep 13 j 19:16	19°♑37'35		evening rise	-3237 Mar 18 j 18:40	11°♑30'48	
direct	-3240 Sep 30 j 15:16	14°♑11'23			-3237 Apr 02 j 20:37	0°♑	
greatest brilliancy	-3240 Oct 13 j 16:04	17°♑21'48	-4.7m	asc. node	-3237 Apr 09 j 07:44	7°♑54'14	
asc. node	-3240 Oct 22 j 12:30	22°♑25'35			-3237 Apr 27 j 10:19	0°♑	
	-3240 Nov 01 j 11:21	0°♑			-3237 May 22 j 03:15	0°♑	
morning max el	-3240 Nov 20 j 11:03	17°♑53'47	46°51'19		-3237 Jun 16 j 00:37	0°♑	
	-3240 Dec 01 j 22:24	0°♑			-3237 Jul 11 j 05:19	0°♑	
	-3240 Dec 28 j 14:03	0°♑		desc. node	-3237 Jul 30 j 01:27	22°♑02'01	
	-3239 Jan 23 j 04:50	0°♑			-3237 Aug 05 j 23:34	0°♑	
desc. node	-3239 Feb 11 j 07:45	22°♑42'52			-3237 Sep 01 j 22:45	0°♑	
	-3239 Feb 17 j 10:13	0°♑		evening max el	-3237 Sep 14 j 06:34	12°♑49'19	47°29'12
	-3239 Mar 14 j 10:45	0°♑			-3237 Oct 02 j 16:31	0°♑	
	-3239 Apr 08 j 07:25	0°♑		greatest brilliancy	-3237 Oct 23 j 03:38	13°♑32'57	-4.7m
	-3239 May 03 j 00:06	0°♑		retrograde	-3237 Nov 04 j 03:32	16°♑16'08	
morning set	-3239 May 21 j 19:55	23°♑01'24		evening set	-3237 Nov 18 j 14:45	12°♑03'42	
	-3239 May 27 j 12:19	0°♑		asc. node	-3237 Nov 19 j 23:55	11°♑17'18	
asc. node	-3239 Jun 04 j 05:52	9°♑30'46		min. Earth dist.	-3237 Nov 24 j 02:07	8°♑49'16	0.26624 AU
	-3239 Jun 20 j 19:48	0°♑		inferior conj	-3237 Nov 24 j 19:12	8°♑22'45	1°13'30
max. Earth dist.	-3239 Jun 22 j 14:12	2°♑11'19	1.72767 AU	minimum elong	-3237 Nov 24 j 16:30	8°♑26'56	1°12'34
				morning rise	-3237 Nov 30 j 18:51	4°♑49'47	
superior conj	-3239 Jun 26 j 22:03	7°♑33'16	0°49'59	direct	-3237 Dec 15 j 01:57	0°♑43'19	
minimum elong	-3239 Jun 26 j 13:49	7°♑07'45	0°49'46	greatest brilliancy	-3237 Dec 26 j 02:36	2°♑59'29	-4.6m
	-3239 Jul 14 j 23:02	0°♑			-3236 Jan 31 j 08:15	0°♑	
evening rise	-3239 Aug 02 j 08:09	22°♑56'54		morning max el	-3236 Feb 02 j 16:15	2°♑15'58	46°19'06
	-3239 Aug 07 j 23:29	0°♑			-3236 Feb 29 j 06:29	0°♑	
	-3239 Aug 31 j 23:10	0°♑		desc. node	-3236 Mar 10 j 19:30	11°♑38'31	
desc. node	-3239 Sep 23 j 23:47	28°♑44'30			-3236 Mar 27 j 01:19	0°♑	
	-3239 Sep 25 j 00:01	0°♑			-3236 Apr 21 j 22:15	0°♑	
	-3239 Oct 19 j 03:43	0°♑			-3236 May 17 j 05:40	0°♑	
	-3239 Nov 12 j 12:19	0°♑			-3236 Jun 11 j 02:31	0°♑	
	-3239 Dec 07 j 06:10	0°♑		asc. node	-3236 Jul 01 j 17:52	25°♑15'43	
	-3238 Jan 01 j 19:12	0°♑			-3236 Jul 05 j 14:05	0°♑	
asc. node	-3238 Jan 14 j 21:23	14°♑43'22		morning set	-3236 Jul 29 j 01:47	29°♑10'08	
	-3238 Jan 29 j 04:44	0°♑			-3236 Jul 29 j 17:45	0°♑	
evening max el	-3238 Feb 06 j 00:55	7°♑52'58	45°37'28		-3236 Aug 22 j 15:52	0°♑	
	-3238 Mar 04 j 09:35	0°♑		max. Earth dist.	-3236 Sep 03 j 13:20	14°♑58'43	1.71139 AU
greatest brilliancy	-3238 Mar 12 j 03:52	4°♑25'03	-4.5m				
retrograde	-3238 Mar 26 j 18:41	8°♑08'57		superior conj	-3236 Sep 05 j 04:20	17°♑01'39	1°21'02
evening set	-3238 Apr 11 j 18:22	3°♑15'42		minimum elong	-3236 Sep 05 j 09:52	17°♑19'04	1°21'03
inferior conj	-3238 Apr 17 j 06:06	29°♑54'57	4°14'49		-3236 Sep 15 j 11:19	0°♑	
minimum elong	-3238 Apr 17 j 14:02	29°♑42'26	4°12'53		-3236 Oct 09 j 06:50	0°♑	
	-3238 Apr 17 j 02:54	30°♑		evening rise	-3236 Oct 16 j 01:46	8°♑32'14	
min. Earth dist.	-3238 Apr 17 j 20:15	29°♑32'39	0.29189 AU	desc. node	-3236 Oct 21 j 11:57	15°♑21'05	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3236 Nov 02 j 04:13	0°♌					-3233 May 30 j 16:44	0°♑			
	-3236 Nov 26 j 04:29	0°♊					-3233 Jun 25 j 16:02	0°♉			
	-3236 Dec 20 j 08:53	0°♎					-3233 Jul 20 j 17:54	0°♈			
	-3235 Jan 13 j 20:05	0°♍				asc. node	-3233 Jul 30 j 05:52	11°♈34'37			
	-3235 Feb 07 j 19:02	0°♋					-3233 Aug 14 j 04:48	0°♎			
asc. node	-3235 Feb 11 j 09:27	4°♋15'34					-3233 Sep 07 j 05:42	0°♏			
	-3235 Mar 05 j 14:19	0°♑					-3233 Oct 01 j 01:21	0°♎			
	-3235 Apr 02 j 00:22	0°♉				morning set	-3233 Oct 11 j 13:40	13°♎16'24			
evening max el	-3235 Apr 17 j 18:15	15°♉44'59	45°11'04				-3233 Oct 24 j 19:48	0°♏			
	-3235 May 03 j 23:41	0°♈					-3233 Nov 17 j 15:41	0°♌			
greatest brilliancy	-3235 May 23 j 09:40	12°♈11'05	-4.5m			desc. node	-3233 Nov 18 j 23:59	1°♌41'25			
desc. node	-3235 Jun 03 j 04:00	14°♈57'33									
retrograde	-3235 Jun 05 j 04:29	15°♈02'12				superior conj	-3233 Nov 22 j 08:10	5°♌53'04	0°-7'-49		
evening set	-3235 Jun 20 j 11:25	10°♈36'32				minimum elong	-3233 Nov 22 j 06:00	5°♌46'16	0°07'47		
inferior conj	-3235 Jun 26 j 10:26	7°♈07'11	-5°-9'-2			behind sun begin	-3233 Nov 21 j 05:54	4°♌30'37			
minimum elong	-3235 Jun 26 j 00:47	7°♈21'55	5°06'37			behind sun end	-3233 Nov 23 j 06:06	7°♌01'54			
min. Earth dist.	-3235 Jun 26 j 18:30	6°♈54'52	0.28251 AU			max. Earth dist.	-3233 Nov 26 j 22:49	11°♌40'08	1.71299 AU		
morning rise	-3235 Jul 01 j 13:37	4°♈03'49					-3233 Dec 11 j 14:14	0°♊			
	-3235 Jul 10 j 19:57	30°♊♉				evening rise	-3232 Jan 03 j 04:01	28°♊08'33			
direct	-3235 Jul 17 j 21:19	29°♊00'22					-3232 Jan 04 j 15:52	0°♎			
	-3235 Jul 25 j 04:08	0°♈					-3232 Jan 28 j 21:17	0°♍			
greatest brilliancy	-3235 Aug 01 j 12:38	2°♈46'39	-4.6m				-3232 Feb 22 j 07:48	0°♋			
	-3235 Sep 04 j 23:55	0°♎				asc. node	-3232 Mar 10 j 21:41	21°♋21'51			
morning max el	-3235 Sep 06 j 01:53	1°♎04'52	46°37'42				-3232 Mar 18 j 01:30	0°♑			
asc. node	-3235 Sep 24 j 03:10	20°♎13'34					-3232 Apr 12 j 05:10	0°♉			
	-3235 Oct 02 j 19:40	0°♏					-3232 May 07 j 23:28	0°♈			
	-3235 Oct 28 j 08:16	0°♎					-3232 Jun 03 j 19:11	0°♎			
	-3235 Nov 22 j 00:47	0°♏				evening max el	-3232 Jun 29 j 06:35	26°♎18'32	46°11'20		
	-3235 Dec 16 j 10:48	0°♌				desc. node	-3232 Jun 30 j 15:46	27°♎38'16			
	-3234 Jan 09 j 20:03	0°♊					-3232 Jul 03 j 03:37	0°♏			
desc. node	-3234 Jan 13 j 22:02	5°♊01'06				greatest brilliancy	-3232 Aug 07 j 12:00	25°♏09'51	-4.6m		
	-3234 Feb 03 j 06:17	0°♎				retrograde	-3232 Aug 17 j 19:32	27°♏05'28			
	-3234 Feb 27 j 17:25	0°♍				evening set	-3232 Sep 04 j 11:02	21°♏16'09			
morning set	-3234 Mar 13 j 08:31	16°♍42'10				inferior conj	-3232 Sep 07 j 12:53	19°♏25'23	-8°-32'-14		
	-3234 Mar 24 j 04:52	0°♋				minimum elong	-3232 Sep 07 j 19:30	19°♏15'21	8°31'32		
max. Earth dist.	-3234 Apr 17 j 17:32	0°♑04'41	1.73731 AU			min. Earth dist.	-3232 Sep 08 j 00:58	19°♏07'04	0.26907 AU		
	-3234 Apr 17 j 16:01	0°♑				morning rise	-3232 Sep 11 j 03:49	17°♏15'26			
						direct	-3232 Sep 28 j 04:04	11°♏43'26			
superior conj	-3234 Apr 18 j 21:26	1°♑30'15	0°-40'-22			greatest brilliancy	-3232 Oct 11 j 06:02	14°♏54'16	-4.7m		
minimum elong	-3234 Apr 19 j 04:36	1°♑52'15	0°40'05			asc. node	-3232 Oct 21 j 14:28	21°♏00'30			
asc. node	-3234 May 06 j 19:52	23°♑31'36					-3232 Nov 01 j 21:39	0°♎			
	-3234 May 12 j 02:16	0°♉				morning max el	-3232 Nov 17 j 23:16	15°♎23'14	46°51'42		
evening rise	-3234 May 24 j 17:27	15°♉32'32					-3232 Dec 01 j 17:44	0°♏			
	-3234 Jun 05 j 11:16	0°♈					-3232 Dec 28 j 05:29	0°♌			
	-3234 Jun 29 j 19:21	0°♎					-3231 Jan 22 j 18:26	0°♊			
	-3234 Jul 24 j 03:46	0°♏				desc. node	-3231 Feb 10 j 09:52	22°♊10'59			
	-3234 Aug 17 j 14:29	0°♎					-3231 Feb 16 j 22:47	0°♎			
desc. node	-3234 Aug 26 j 13:39	10°♎56'58					-3231 Mar 13 j 22:38	0°♍			
	-3234 Sep 11 j 06:04	0°♏					-3231 Apr 07 j 18:50	0°♋			
	-3234 Oct 06 j 06:42	0°♌					-3231 May 02 j 11:12	0°♑			
	-3234 Nov 01 j 02:31	0°♊				morning set	-3231 May 19 j 14:59	20°♑58'59			
evening max el	-3234 Nov 24 j 17:01	25°♊34'52	47°03'49				-3231 May 26 j 23:17	0°♉			
	-3234 Nov 29 j 02:30	0°♎				asc. node	-3231 Jun 03 j 08:01	9°♉03'39			
asc. node	-3234 Dec 17 j 11:48	16°♎29'19					-3231 Jun 20 j 06:46	0°♈			
greatest brilliancy	-3234 Dec 30 j 22:53	25°♎15'09	-4.6m			max. Earth dist.	-3231 Jun 20 j 08:46	0°♈06'12	1.72827 AU		
retrograde	-3233 Jan 14 j 12:31	29°♎08'42									
evening set	-3233 Feb 01 j 00:34	23°♎06'03				superior conj	-3231 Jun 24 j 16:27	5°♈27'28	0°47'27		
min. Earth dist.	-3233 Feb 04 j 00:57	21°♎12'12	0.28657 AU			minimum elong	-3231 Jun 24 j 08:28	5°♈02'42	0°47'13		
inferior conj	-3233 Feb 04 j 17:08	20°♎46'23	8°17'15				-3231 Jul 14 j 10:07	0°♎			
minimum elong	-3233 Feb 04 j 14:11	20°♎51'04	8°17'01			evening rise	-3231 Jul 31 j 00:21	20°♎42'34			
morning rise	-3233 Feb 08 j 04:08	18°♎35'57					-3231 Aug 07 j 10:45	0°♏			
direct	-3233 Feb 25 j 22:05	12°♎32'54					-3231 Aug 31 j 10:40	0°♎			
greatest brilliancy	-3233 Mar 09 j 04:09	14°♎50'48	-4.5m			desc. node	-3231 Sep 23 j 01:48	28°♎14'10			
	-3233 Apr 01 j 20:04	0°♍					-3231 Sep 24 j 11:48	0°♏			
desc. node	-3233 Apr 08 j 06:54	5°♍33'53					-3231 Oct 18 j 15:51	0°♌			
morning max el	-3233 Apr 15 j 18:22	12°♍28'29	45°49'37				-3231 Nov 12 j 00:57	0°♊			
	-3233 May 03 j 05:28	0°♋					-3231 Dec 06 j 19:37	0°♎			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3230 Jan 01 j 10:23	0°♊				-3228 Jun 10 j 14:00	0°♋		
asc. node	-3230 Jan 13 j 23:34	14°♊03'24			asc. node	-3228 Jun 30 j 20:05	24°♋47'51		
	-3230 Jan 29 j 00:32	0°♋				-3228 Jul 05 j 01:20	0°♌		
evening max el	-3230 Feb 03 j 15:17	5°♋36'44	45°39'51		morning set	-3228 Jul 26 j 17:48	26°♌55'32		
	-3230 Mar 05 j 13:37	0°♍				-3228 Jul 29 j 04:54	0°♍		
greatest brilliancy	-3230 Mar 09 j 19:47	2°♍15'55	-4.5m			-3228 Aug 22 j 03:00	0°♎		
retrograde	-3230 Mar 24 j 11:10	6°♍01'37			max. Earth dist.	-3228 Sep 01 j 00:43	12°♎28'08	1.71176 AU	
evening set	-3230 Apr 09 j 13:30	1°♍04'36							
	-3230 Apr 11 j 09:28	30°♎			superior conj	-3228 Sep 02 j 17:43	14°♎37'18	1°21'56	
inferior conj	-3230 Apr 14 j 23:01	27°♎47'03	4°30'56		minimum elong	-3228 Sep 02 j 22:25	14°♎52'07	1°21'58	
minimum elong	-3230 Apr 15 j 07:16	27°♎34'03	4°28'58			-3228 Sep 14 j 22:32	0°♏		
min. Earth dist.	-3230 Apr 15 j 13:14	27°♎24'37	0.29205 AU			-3228 Oct 08 j 18:11	0°♐		
morning rise	-3230 Apr 21 j 00:46	24°♎05'23			evening rise	-3228 Oct 13 j 11:14	5°♐55'26		
desc. node	-3230 May 05 j 18:21	19°♎23'38			desc. node	-3228 Oct 20 j 14:00	14°♐51'44		
direct	-3230 May 06 j 17:45	19°♎22'32				-3228 Nov 01 j 15:42	0°♑		
greatest brilliancy	-3230 May 20 j 14:35	22°♎42'23	-4.5m			-3228 Nov 25 j 16:06	0°♑		
	-3230 Jun 01 j 23:12	0°♒				-3228 Dec 19 j 20:42	0°♒		
morning max el	-3230 Jun 24 j 18:21	19°♒24'29	45°59'02			-3227 Jan 13 j 08:16	0°♓		
	-3230 Jul 05 j 09:08	0°♓				-3227 Feb 07 j 07:58	0°♓		
	-3230 Aug 01 j 21:26	0°♊			asc. node	-3227 Feb 10 j 11:34	3°♓43'15		
asc. node	-3230 Aug 26 j 17:39	29°♊05'47				-3227 Mar 05 j 04:51	0°♑		
	-3230 Aug 27 j 11:44	0°♋				-3227 Apr 01 j 18:53	0°♋		
	-3230 Sep 21 j 02:38	0°♌			evening max el	-3227 Apr 15 j 10:23	13°♋34'24	45°10'31	
	-3230 Oct 15 j 05:29	0°♍				-3227 May 04 j 11:52	0°♌		
	-3230 Nov 08 j 03:47	0°♎			greatest brilliancy	-3227 May 20 j 21:44	9°♌54'23	-4.5m	
	-3230 Dec 02 j 02:16	0°♏			desc. node	-3227 Jun 02 j 06:14	12°♌47'33		
desc. node	-3230 Dec 16 j 12:11	18°♏00'27			retrograde	-3227 Jun 02 j 19:32	12°♌47'54		
	-3230 Dec 26 j 03:03	0°♑			evening set	-3227 Jun 18 j 00:08	8°♌24'55		
morning set	-3230 Dec 27 j 23:23	2°♑18'01			inferior conj	-3227 Jun 24 j 01:15	4°♌52'15	-4°-51'-35	
	-3229 Jan 19 j 06:32	0°♒			minimum elong	-3227 Jun 23 j 15:56	5°♌06'30	4°49'11	
					min. Earth dist.	-3227 Jun 24 j 09:11	4°♌40'09	0.28287 AU	
superior conj	-3229 Feb 06 j 10:29	22°♒29'10	-1°-23'-19		morning rise	-3227 Jun 29 j 07:15	1°♌44'51		
minimum elong	-3229 Feb 06 j 07:49	22°♒20'56	1°23'25			-3227 Jul 02 j 15:16	30°♌		
max. Earth dist.	-3229 Feb 09 j 11:07	26°♒13'31	1.72894 AU		direct	-3227 Jul 15 j 13:15	26°♌44'52		
	-3229 Feb 12 j 12:29	0°♓				-3227 Jul 29 j 01:32	0°♌		
	-3229 Mar 08 j 20:51	0°♋			greatest brilliancy	-3227 Jul 30 j 03:56	0°♌30'50	-4.6m	
evening rise	-3229 Mar 16 j 11:29	9°♋20'51			morning max el	-3227 Sep 03 j 17:13	28°♌46'56	46°36'34	
	-3229 Apr 02 j 07:50	0°♍				-3227 Sep 04 j 22:16	0°♍		
asc. node	-3229 Apr 08 j 09:46	7°♍26'05			asc. node	-3227 Sep 23 j 05:11	19°♍30'32		
	-3229 Apr 26 j 21:45	0°♎				-3227 Oct 02 j 11:50	0°♎		
	-3229 May 21 j 15:06	0°♏				-3227 Oct 27 j 22:14	0°♏		
	-3229 Jun 15 j 13:08	0°♐				-3227 Nov 21 j 13:41	0°♐		
	-3229 Jul 10 j 18:57	0°♑				-3227 Dec 15 j 23:04	0°♑		
desc. node	-3229 Jul 29 j 03:36	21°♑25'02				-3226 Jan 09 j 07:53	0°♒		
	-3229 Aug 05 j 15:12	0°♒			desc. node	-3226 Jan 13 j 00:09	4°♒31'26		
	-3229 Sep 01 j 18:47	0°♓				-3226 Feb 02 j 17:46	0°♓		
evening max el	-3229 Sep 11 j 19:32	10°♓21'55	47°27'52			-3226 Feb 27 j 04:38	0°♓		
	-3229 Oct 03 j 06:11	0°♔			morning set	-3226 Mar 11 j 01:07	14°♓31'53		
greatest brilliancy	-3229 Oct 20 j 18:54	11°♔05'41	-4.7m			-3226 Mar 23 j 15:54	0°♔		
retrograde	-3229 Nov 01 j 16:33	13°♔46'48			max. Earth dist.	-3226 Apr 15 j 17:07	28°♔16'10	1.73732 AU	
evening set	-3229 Nov 16 j 03:47	9°♔34'16							
asc. node	-3229 Nov 19 j 02:09	7°♔53'31			superior conj	-3226 Apr 16 j 15:44	29°♔25'34	0°-43'-4	
min. Earth dist.	-3229 Nov 21 j 16:16	6°♔18'45	0.26583 AU		minimum elong	-3226 Apr 16 j 23:15	29°♔48'37	0°42'46	
inferior conj	-3229 Nov 22 j 08:01	5°♔54'23	0°49'47			-3226 Apr 17 j 02:58	0°♑		
minimum elong	-3229 Nov 22 j 06:11	5°♔57'14	0°49'08		asc. node	-3226 May 05 j 22:02	23°♑04'38		
morning rise	-3229 Nov 28 j 09:07	2°♔19'58				-3226 May 11 j 13:14	0°♋		
	-3229 Dec 03 j 10:01	30°♕			evening rise	-3226 May 22 j 12:45	13°♋30'15		
direct	-3229 Dec 12 j 14:07	28°♕15'23				-3226 Jun 04 j 22:23	0°♌		
	-3229 Dec 22 j 04:18	0°♎				-3226 Jun 29 j 06:45	0°♍		
greatest brilliancy	-3229 Dec 23 j 17:21	0°♎34'27	-4.6m			-3226 Jul 23 j 15:33	0°♎		
	-3228 Jan 31 j 08:24	0°♏				-3226 Aug 17 j 02:49	0°♏		
morning max el	-3228 Jan 31 j 06:15	29°♎54'42	46°20'35		desc. node	-3226 Aug 25 j 15:41	10°♏24'56		
	-3228 Feb 28 j 23:13	0°♑				-3226 Sep 10 j 19:08	0°♐		
desc. node	-3228 Mar 09 j 21:35	11°♑01'02				-3226 Oct 05 j 20:58	0°♑		
	-3228 Mar 26 j 15:21	0°♓				-3226 Oct 31 j 19:13	0°♒		
	-3228 Apr 21 j 10:55	0°♋			evening max el	-3226 Nov 22 j 09:25	23°♒18'45	47°06'14	
	-3228 May 16 j 17:35	0°♍				-3226 Nov 29 j 02:24	0°♋		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3226 Dec 16 j 13:57	15°☾18'44		max. Earth dist.	-3223 Jun 18 j 04:23	28°♄05'00	1.72884 AU
greatest brilliancy	-3226 Dec 28 j 17:26	23°☾03'12	-4.6m		-3223 Jun 19 j 17:32	0°♂	
retrograde	-3225 Jan 12 j 05:16	26°☾54'04					
evening set	-3225 Jan 29 j 14:59	20°☾54'40		superior conj	-3223 Jun 22 j 10:37	3°♂21'38	0°44'48
min. Earth dist.	-3225 Feb 01 j 15:41	19°☾00'14	0.28598 AU	minimum elong	-3223 Jun 22 j 02:55	2°♂57'44	0°44'35
inferior conj	-3225 Feb 02 j 09:13	18°☾32'12	8°14'14		-3223 Jul 13 j 20:59	0°☾	
minimum elong	-3225 Feb 02 j 05:36	18°☾37'59	8°13'56	evening rise	-3223 Jul 28 j 16:31	18°☾28'56	
morning rise	-3225 Feb 05 j 20:34	16°☾21'09			-3223 Aug 06 j 21:47	0°♂	
direct	-3225 Feb 23 j 13:53	10°☾20'02			-3223 Aug 30 j 21:56	0°♂	
greatest brilliancy	-3225 Mar 06 j 16:26	12°☾34'48	-4.5m	desc. node	-3223 Sep 22 j 03:51	27°♂44'38	
	-3225 Apr 02 j 02:12	0°♂			-3223 Sep 23 j 23:22	0°♂	
desc. node	-3225 Apr 07 j 08:58	4°♂39'51			-3223 Oct 18 j 03:46	0°♂	
morning max el	-3225 Apr 13 j 09:44	10°♂16'39	45°49'55		-3223 Nov 11 j 13:21	0°♂	
	-3225 May 02 j 23:03	0°♂			-3223 Dec 06 j 08:50	0°☾	
	-3225 May 30 j 06:55	0°♂			-3222 Jan 01 j 01:19	0°♂	
	-3225 Jun 25 j 04:42	0°♂		asc. node	-3222 Jan 13 j 01:40	13°♂24'01	
	-3225 Jul 20 j 05:48	0°♂			-3222 Jan 28 j 20:23	0°♂	
asc. node	-3225 Jul 29 j 07:55	11°♂04'55		evening max el	-3222 Feb 01 j 05:44	3°♂22'03	45°42'21
	-3225 Aug 13 j 16:19	0°☾			-3222 Mar 07 j 04:57	0°♂	
	-3225 Sep 06 j 17:02	0°♂		greatest brilliancy	-3222 Mar 07 j 10:26	0°♂06'39	-4.5m
	-3225 Sep 30 j 12:35	0°♂		retrograde	-3222 Mar 22 j 04:09	3°♂55'54	
morning set	-3225 Oct 09 j 00:52	10°♂44'53			-3222 Apr 05 j 09:16	30°♂	
	-3225 Oct 24 j 06:58	0°♂		evening set	-3222 Apr 07 j 08:47	28°♂54'44	
	-3225 Nov 17 j 02:48	0°♂		inferior conj	-3222 Apr 12 j 16:03	25°♂40'31	4°46'31
desc. node	-3225 Nov 18 j 02:14	1°♂13'33		minimum elong	-3222 Apr 13 j 00:33	25°♂27'06	4°44'31
				min. Earth dist.	-3222 Apr 13 j 06:08	25°♂18'19	0.29225 AU
superior conj	-3225 Nov 19 j 17:21	3°♂16'24	0°-3'-50	morning rise	-3222 Apr 18 j 16:03	22°♂01'13	
minimum elong	-3225 Nov 19 j 16:16	3°♂12'59	0°03'52	direct	-3222 May 04 j 10:10	17°♂15'28	
behind sun begin	-3225 Nov 18 j 13:47	1°♂49'48		desc. node	-3222 May 04 j 20:37	17°♂15'41	
behind sun end	-3225 Nov 20 j 18:46	4°♂36'09		greatest brilliancy	-3222 May 18 j 07:05	20°♂35'08	-4.5m
max. Earth dist.	-3225 Nov 24 j 08:33	9°♂05'18	1.71251 AU		-3222 Jun 02 j 13:42	0°♂	
	-3225 Dec 11 j 01:18	0°♂		morning max el	-3222 Jun 22 j 10:52	17°♂15'43	45°58'03
evening rise	-3225 Dec 31 j 15:35	25°♂40'52			-3222 Jul 05 j 03:39	0°♂	
	-3224 Jan 04 j 02:57	0°☾			-3222 Aug 01 j 11:56	0°♂	
	-3224 Jan 28 j 08:26	0°♂		asc. node	-3222 Aug 25 j 19:45	28°♂33'15	
	-3224 Feb 21 j 19:08	0°♂			-3222 Aug 27 j 00:38	0°☾	
asc. node	-3224 Mar 09 j 23:41	20°♂52'55			-3222 Sep 20 j 14:45	0°♂	
	-3224 Mar 17 j 13:13	0°♂			-3222 Oct 14 j 17:10	0°♂	
	-3224 Apr 11 j 17:40	0°♂			-3222 Nov 07 j 15:13	0°♂	
	-3224 May 07 j 13:28	0°♂			-3222 Dec 01 j 13:31	0°♂	
	-3224 Jun 03 j 12:19	0°☾		desc. node	-3222 Dec 15 j 14:14	17°♂32'04	
evening max el	-3224 Jun 26 j 18:51	23°☾54'35	46°08'09	morning set	-3222 Dec 25 j 09:51	29°♂46'41	
desc. node	-3224 Jun 29 j 17:53	26°☾44'10			-3222 Dec 25 j 14:08	0°♂	
	-3224 Jul 03 j 06:07	0°♂			-3221 Jan 18 j 17:26	0°☾	
greatest brilliancy	-3224 Aug 05 j 00:41	22°♂44'11	-4.6m				
retrograde	-3224 Aug 15 j 06:47	24°♂38'43		superior conj	-3221 Feb 04 j 00:49	20°☾11'49	-1°-22'-48
evening set	-3224 Sep 02 j 01:21	18°♂46'32		minimum elong	-3221 Feb 03 j 21:19	20°☾01'00	1°22'54
inferior conj	-3224 Sep 05 j 01:16	16°♂58'38	-8°-38'-49	max. Earth dist.	-3221 Feb 07 j 01:58	23°☾57'52	1.72838 AU
minimum elong	-3224 Sep 05 j 07:04	16°♂49'50	8°38'15		-3221 Feb 11 j 23:14	0°♂	
min. Earth dist.	-3224 Sep 05 j 13:52	16°♂39'30	0.26954 AU		-3221 Mar 08 j 07:33	0°♂	
morning rise	-3224 Sep 08 j 12:36	14°♂53'43		evening rise	-3221 Mar 14 j 04:34	7°♂13'04	
direct	-3224 Sep 25 j 16:32	9°♂15'44			-3221 Apr 01 j 18:38	0°♂	
greatest brilliancy	-3224 Oct 08 j 21:04	12°♂28'34	-4.7m	asc. node	-3221 Apr 07 j 11:59	6°♂59'47	
asc. node	-3224 Oct 20 j 16:42	19°♂38'58			-3221 Apr 26 j 08:48	0°♂	
	-3224 Nov 02 j 05:02	0°♂			-3221 May 21 j 02:36	0°♂	
morning max el	-3224 Nov 15 j 11:28	12°♂53'05	46°52'19		-3221 Jun 15 j 01:23	0°☾	
	-3224 Dec 01 j 12:20	0°♂			-3221 Jul 10 j 08:24	0°♂	
	-3224 Dec 27 j 20:24	0°♂		desc. node	-3221 Jul 28 j 05:37	20°♂48'10	
	-3223 Jan 22 j 07:38	0°♂			-3221 Aug 05 j 06:47	0°♂	
desc. node	-3223 Feb 09 j 11:57	21°♂40'03			-3221 Sep 01 j 15:06	0°♂	
	-3223 Feb 16 j 10:59	0°☾		evening max el	-3221 Sep 09 j 09:24	7°♂57'53	47°26'34
	-3223 Mar 13 j 10:12	0°♂			-3221 Oct 03 j 23:46	0°♂	
	-3223 Apr 07 j 05:59	0°♂		greatest brilliancy	-3221 Oct 18 j 09:24	8°♂38'28	-4.7m
	-3223 May 01 j 22:07	0°♂		retrograde	-3221 Oct 30 j 06:02	11°♂18'16	
morning set	-3223 May 17 j 09:50	18°♂56'27		evening set	-3221 Nov 13 j 16:58	7°♂05'22	
	-3223 May 26 j 10:03	0°♂		asc. node	-3221 Nov 18 j 04:21	4°♂28'42	
asc. node	-3223 Jun 02 j 10:13	8°♂37'16		inferior conj	-3221 Nov 19 j 20:43	3°♂26'37	0°25'53

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3221 Nov 19 j 19:45	3° \mathbb{M} 28'06	0°25'32		-3218 Apr 16 j 13:39	0° Υ	
min. Earth dist.	-3221 Nov 19 j 06:01	3° \mathbb{M} 49'16	0.26544 AU	asc. node	-3218 May 05 j 00:13	22° Υ 38'34	
morning rise	-3221 Nov 25 j 23:05	29° \mathbb{A} 51'11			-3218 May 10 j 23:55	0° \mathcal{B}	
	-3221 Nov 25 j 16:33	30° \mathbb{R} \mathbb{A}		evening rise	-3218 May 20 j 08:23	11° \mathcal{B} 29'58	
direct	-3221 Dec 10 j 02:41	25° \mathbb{A} 48'11			-3218 Jun 04 j 09:12	0° \mathbb{I}	
greatest brilliancy	-3221 Dec 21 j 07:13	28° \mathbb{A} 09'14	-4.6m		-3218 Jun 28 j 17:51	0° \mathcal{S}	
	-3221 Dec 25 j 08:32	0° \mathbb{M}			-3218 Jul 23 j 03:06	0° \mathcal{Q}	
morning max el	-3220 Jan 28 j 21:09	27° \mathbb{M} 36'41	46°22'06		-3218 Aug 16 j 14:58	0° \mathbb{M}	
	-3220 Jan 31 j 07:04	0° \mathcal{X}		desc. node	-3218 Aug 24 j 17:47	9° \mathbb{M} 53'34	
	-3220 Feb 28 j 15:13	0° \mathcal{Z}			-3218 Sep 10 j 08:09	0° \mathbb{A}	
desc. node	-3220 Mar 08 j 23:37	10° \mathcal{Z} 25'02			-3218 Oct 05 j 11:19	0° \mathbb{M}	
	-3220 Mar 26 j 04:47	0° \approx			-3218 Oct 31 j 12:13	0° \mathcal{X}	
	-3220 Apr 20 j 23:03	0° \mathcal{H}		evening max el	-3218 Nov 20 j 01:08	21° \mathcal{X} 00'39	47°08'38
	-3220 May 16 j 05:01	0° Υ			-3218 Nov 29 j 03:28	0° \mathcal{Z}	
	-3220 Jun 10 j 01:03	0° \mathcal{B}		asc. node	-3218 Dec 15 j 16:00	14° \mathcal{Z} 05'49	
asc. node	-3220 Jun 29 j 22:07	24° \mathcal{B} 20'35		greatest brilliancy	-3218 Dec 26 j 12:26	20° \mathcal{Z} 51'27	-4.6m
	-3220 Jul 04 j 12:12	0° \mathbb{I}		retrograde	-3217 Jan 09 j 21:25	24° \mathcal{Z} 39'01	
morning set	-3220 Jul 24 j 09:51	24° \mathbb{I} 42'10		evening set	-3217 Jan 27 j 05:02	18° \mathcal{Z} 43'28	
	-3220 Jul 28 j 15:44	0° \mathcal{S}		min. Earth dist.	-3217 Jan 30 j 06:39	16° \mathcal{Z} 47'33	0.28531 AU
	-3220 Aug 21 j 13:52	0° \mathcal{Q}		inferior conj	-3217 Jan 31 j 01:11	16° \mathcal{Z} 17'54	8°10'31
max. Earth dist.	-3220 Aug 29 j 08:48	9° \mathcal{Q} 48'07	1.71216 AU	minimum elong	-3217 Jan 30 j 20:53	16° \mathcal{Z} 24'47	8°10'08
				morning rise	-3217 Feb 03 j 13:05	14° \mathcal{Z} 05'50	
superior conj	-3220 Aug 31 j 07:04	12° \mathcal{Q} 13'45	1°22'41	direct	-3217 Feb 21 j 05:06	8° \mathcal{Z} 07'02	
minimum elong	-3220 Aug 31 j 10:54	12° \mathcal{Q} 25'50	1°22'44	greatest brilliancy	-3217 Mar 04 j 05:10	10° \mathcal{Z} 19'11	-4.5m
	-3220 Sep 14 j 09:30	0° \mathbb{M}			-3217 Apr 02 j 06:13	0° \approx	
	-3220 Oct 08 j 05:15	0° \mathbb{A}		desc. node	-3217 Apr 06 j 11:14	3° \approx 47'40	
evening rise	-3220 Oct 10 j 20:27	3° \mathbb{A} 18'40		morning max el	-3217 Apr 11 j 00:20	8° \approx 03'12	45°50'25
desc. node	-3220 Oct 19 j 16:12	14° \mathbb{A} 23'45			-3217 May 02 j 16:05	0° \mathcal{H}	
	-3220 Nov 01 j 02:53	0° \mathbb{M}			-3217 May 29 j 20:45	0° Υ	
	-3220 Nov 25 j 03:24	0° \mathcal{X}			-3217 Jun 24 j 17:07	0° \mathcal{B}	
	-3220 Dec 19 j 08:13	0° \mathcal{Z}			-3217 Jul 19 j 17:29	0° \mathbb{I}	
	-3219 Jan 12 j 20:10	0° \approx		asc. node	-3217 Jul 28 j 10:03	10° \mathbb{I} 36'10	
	-3219 Feb 06 j 20:38	0° \mathcal{H}			-3217 Aug 13 j 03:38	0° \mathcal{S}	
asc. node	-3219 Feb 09 j 13:38	3° \mathcal{H} 11'42			-3217 Sep 06 j 04:12	0° \mathcal{Q}	
	-3219 Mar 04 j 19:08	0° Υ			-3217 Sep 29 j 23:43	0° \mathbb{M}	
	-3219 Apr 01 j 13:20	0° \mathcal{B}		morning set	-3217 Oct 06 j 12:04	8° \mathbb{M} 13'33	
evening max el	-3219 Apr 13 j 02:51	11° \mathcal{B} 26'08	45°10'05		-3217 Oct 23 j 18:07	0° \mathbb{A}	
	-3219 May 05 j 03:06	0° \mathbb{I}			-3217 Nov 16 j 13:57	0° \mathbb{M}	
greatest brilliancy	-3219 May 18 j 10:58	7° \mathbb{I} 41'08	-4.5m				
retrograde	-3219 May 31 j 10:23	10° \mathbb{I} 35'57		superior conj	-3217 Nov 17 j 02:08	0° \mathbb{M} 38'17	0°00'13
desc. node	-3219 Jun 01 j 08:16	10° \mathbb{I} 35'00		minimum elong	-3217 Nov 17 j 02:09	0° \mathbb{M} 38'20	0°00'10
evening set	-3219 Jun 15 j 13:27	6° \mathbb{I} 15'31		behind sun begin	-3217 Nov 15 j 23:15	29° \mathbb{A} 13'51	
inferior conj	-3219 Jun 21 j 16:26	2° \mathbb{I} 39'48	-4°-33'-52	behind sun end	-3217 Nov 18 j 05:03	2° \mathbb{M} 02'48	
minimum elong	-3219 Jun 21 j 07:29	2° \mathbb{I} 53'30	4°31'31	desc. node	-3217 Nov 17 j 04:19	0° \mathbb{M} 45'10	
min. Earth dist.	-3219 Jun 22 j 00:23	2° \mathbb{I} 27'37	0.28326 AU	max. Earth dist.	-3217 Nov 21 j 13:26	6° \mathbb{M} 15'03	1.71209 AU
	-3219 Jun 26 j 02:48	30° \mathbb{R} \mathcal{B}			-3217 Dec 10 j 12:26	0° \mathcal{X}	
morning rise	-3219 Jun 27 j 01:05	29° \mathcal{B} 28'19		evening rise	-3217 Dec 29 j 02:25	23° \mathcal{X} 10'33	
direct	-3219 Jul 13 j 05:26	24° \mathcal{B} 31'50			-3216 Jan 03 j 14:05	0° \mathcal{Z}	
greatest brilliancy	-3219 Jul 27 j 18:36	28° \mathcal{B} 15'53	-4.6m		-3216 Jan 27 j 19:37	0° \approx	
	-3219 Jul 31 j 02:27	0° \mathbb{I}			-3216 Feb 21 j 06:29	0° \mathcal{H}	
morning max el	-3219 Sep 01 j 08:02	26° \mathbb{I} 28'46	46°35'06	asc. node	-3216 Mar 09 j 01:55	20° \mathcal{H} 24'36	
	-3219 Sep 04 j 19:27	0° \mathcal{S}			-3216 Mar 17 j 00:59	0° Υ	
asc. node	-3219 Sep 22 j 07:24	18° \mathcal{S} 49'11			-3216 Apr 11 j 06:14	0° \mathcal{B}	
	-3219 Oct 02 j 03:32	0° \mathcal{Q}			-3216 May 07 j 03:34	0° \mathbb{I}	
	-3219 Oct 27 j 11:56	0° \mathbb{M}			-3216 Jun 03 j 05:42	0° \mathcal{S}	
	-3219 Nov 21 j 02:21	0° \mathbb{A}		evening max el	-3216 Jun 24 j 07:04	21° \mathcal{S} 31'12	46°05'15
	-3219 Dec 15 j 11:05	0° \mathbb{M}		desc. node	-3216 Jun 28 j 19:57	25° \mathcal{S} 49'21	
	-3218 Jan 08 j 19:26	0° \mathcal{X}			-3216 Jul 03 j 09:55	0° \mathcal{Q}	
desc. node	-3218 Jan 12 j 02:11	4° \mathcal{X} 02'16		greatest brilliancy	-3216 Aug 02 j 12:37	20° \mathcal{Q} 19'07	-4.6m
	-3218 Feb 02 j 04:58	0° \mathcal{Z}		retrograde	-3216 Aug 12 j 18:33	22° \mathcal{Q} 13'57	
	-3218 Feb 26 j 15:35	0° \approx		evening set	-3216 Aug 30 j 15:32	16° \mathcal{Q} 19'05	
morning set	-3218 Mar 08 j 17:47	12° \approx 22'32		inferior conj	-3216 Sep 02 j 14:00	14° \mathcal{Q} 33'31	-8°-44'-5
	-3218 Mar 23 j 02:41	0° \mathcal{H}		minimum elong	-3216 Sep 02 j 18:57	14° \mathcal{Q} 26'01	8°43'41
max. Earth dist.	-3218 Apr 13 j 15:54	26° \mathcal{H} 25'59	1.73725 AU	min. Earth dist.	-3216 Sep 03 j 02:56	14° \mathcal{Q} 13'56	0.27005 AU
				morning rise	-3216 Sep 05 j 22:10	12° \mathcal{Q} 33'17	
superior conj	-3218 Apr 14 j 10:20	27° \mathcal{H} 22'34	0°-45'-40	direct	-3216 Sep 23 j 05:24	6° \mathcal{Q} 49'30	
minimum elong	-3218 Apr 14 j 18:09	27° \mathcal{H} 46'33	0°45'23	greatest brilliancy	-3216 Oct 06 j 13:06	10° \mathcal{Q} 05'22	-4.7m

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3216 Oct 19 j 18:53	18°02'37			-3213 Apr 25 j 20:14	0°8		
	-3216 Nov 02 j 10:06	0°7			-3213 May 20 j 14:29	0°II		
morning max el	-3216 Nov 13 j 00:32	10°7'25"12	46°52'34		-3213 Jun 14 j 14:02	0°5		
	-3216 Dec 01 j 06:31	0°5			-3213 Jul 09 j 22:18	0°0		
	-3216 Dec 27 j 11:19	0°7		desc. node	-3213 Jul 27 j 07:46	20°02'10"28		
	-3215 Jan 21 j 20:57	0°7			-3213 Aug 04 j 22:55	0°7		
desc. node	-3215 Feb 08 j 14:03	21°7'08"39			-3213 Sep 01 j 12:24	0°5		
	-3215 Feb 15 j 23:22	0°3		evening max el	-3213 Sep 07 j 00:20	5°5'35"57	47°25'13	
	-3215 Mar 12 j 21:55	0°7			-3213 Oct 04 j 23:45	0°7		
	-3215 Apr 06 j 17:16	0°7		greatest brilliancy	-3213 Oct 15 j 23:53	6°7'10"53	-4.7m	
	-3215 May 01 j 09:07	0°7		retrograde	-3213 Oct 27 j 19:47	8°7'49"08		
morning set	-3215 May 15 j 04:36	16°7'53"23		evening set	-3213 Nov 11 j 06:27	4°7'35"52		
	-3215 May 25 j 20:56	0°8		inferior conj	-3213 Nov 17 j 09:27	0°7'58"20	0°02'01	
asc. node	-3215 Jun 01 j 12:12	8°8'09"55		minimum elong	-3213 Nov 17 j 09:23	0°7'58"27	0°01'55	
max. Earth dist.	-3215 Jun 16 j 01:21	26°8'07"38	1.72937 AU	transit middle	-3213 Nov 17 j 09:23	0°7'58"27	0°01'55	
	-3215 Jun 19 j 04:25	0°II		transit begin	-3213 Nov 17 j 05:21	1°7'04"39		
				transit end	-3213 Nov 17 j 13:25	0°7'52"15		
superior conj	-3215 Jun 20 j 04:57	1°7'15"57	0°42'07	min. Earth dist.	-3213 Nov 16 j 19:40	1°7'19"33	0.26506 AU	
minimum elong	-3215 Jun 19 j 21:33	0°7'53"03	0°41'54	asc. node	-3213 Nov 17 j 06:19	1°7'03"09		
	-3215 Jul 13 j 07:58	0°5			-3213 Nov 18 j 23:31	30°7'19"5		
evening rise	-3215 Jul 26 j 09:11	16°5'16"39		morning rise	-3213 Nov 23 j 12:54	27°5'22"04		
	-3215 Aug 06 j 08:55	0°0		direct	-3213 Dec 07 j 15:41	23°5'20"43		
	-3215 Aug 30 j 09:17	0°7		greatest brilliancy	-3213 Dec 18 j 20:17	25°5'42"30	-4.6m	
desc. node	-3215 Sep 21 j 06:04	27°7'15"26			-3213 Dec 27 j 05:27	0°7		
	-3215 Sep 23 j 11:00	0°5		morning max el	-3212 Jan 26 j 11:52	25°7'17"27	46°23'21	
	-3215 Oct 17 j 15:48	0°7			-3212 Jan 31 j 05:07	0°7		
	-3215 Nov 11 j 01:56	0°7			-3212 Feb 28 j 07:18	0°3		
	-3215 Dec 05 j 22:21	0°3		desc. node	-3212 Mar 08 j 01:51	9°7'48"47		
	-3215 Dec 31 j 16:47	0°7			-3212 Mar 25 j 18:31	0°7		
asc. node	-3214 Jan 12 j 03:47	12°7'43"09			-3212 Apr 20 j 11:35	0°7		
	-3214 Jan 28 j 17:24	0°7			-3212 May 15 j 16:52	0°7		
evening max el	-3214 Jan 29 j 20:56	1°7'07"58	45°44'56		-3212 Jun 09 j 12:30	0°8		
greatest brilliancy	-3214 Mar 05 j 01:11	27°7'56"02	-4.5m	asc. node	-3212 Jun 29 j 00:15	23°7'52"31		
	-3214 Mar 09 j 23:24	0°7			-3212 Jul 03 j 23:25	0°II		
retrograde	-3214 Mar 19 j 21:23	1°7'48"28		morning set	-3212 Jul 22 j 01:47	22°7'27"31		
	-3214 Mar 29 j 09:29	30°7'18"7			-3212 Jul 28 j 02:52	0°5		
evening set	-3214 Apr 05 j 03:55	26°7'43"07			-3212 Aug 21 j 01:03	0°0		
inferior conj	-3214 Apr 10 j 08:52	23°7'32"14	5°01'42	max. Earth dist.	-3212 Aug 26 j 14:56	7°02'01"05	1.71258 AU	
minimum elong	-3214 Apr 10 j 17:35	23°7'18"30	4°59'44					
min. Earth dist.	-3214 Apr 10 j 22:28	23°7'10"47	0.29241 AU	superior conj	-3212 Aug 28 j 20:34	9°02'49"50	1°23'16	
morning rise	-3214 Apr 16 j 07:00	19°7'55"43		minimum elong	-3212 Aug 28 j 23:32	9°02'59"11	1°23'21	
direct	-3214 May 02 j 02:45	15°7'06"51			-3212 Sep 13 j 20:47	0°7		
desc. node	-3214 May 03 j 22:38	15°7'10"41			-3212 Oct 07 j 16:40	0°5		
greatest brilliancy	-3214 May 15 j 23:03	18°7'26"10	-4.5m	evening rise	-3212 Oct 08 j 05:50	0°5'41"25		
	-3214 Jun 03 j 01:00	0°7		desc. node	-3212 Oct 18 j 18:14	13°5'54"15		
morning max el	-3214 Jun 20 j 03:56	15°7'07"37	45°57'09		-3212 Oct 31 j 14:23	0°7		
	-3214 Jul 04 j 22:01	0°8			-3212 Nov 24 j 15:01	0°7		
	-3214 Aug 01 j 02:31	0°II			-3212 Dec 18 j 20:00	0°3		
asc. node	-3214 Aug 24 j 21:53	28°7'00"26			-3211 Jan 12 j 08:22	0°7		
	-3214 Aug 26 j 13:39	0°5			-3211 Feb 06 j 09:40	0°7		
	-3214 Sep 20 j 02:59	0°0		asc. node	-3211 Feb 08 j 15:49	2°7'39"28		
	-3214 Oct 14 j 04:58	0°7			-3211 Mar 04 j 09:58	0°7		
	-3214 Nov 07 j 02:46	0°5			-3211 Apr 01 j 08:49	0°8		
	-3214 Dec 01 j 00:54	0°7		evening max el	-3211 Apr 10 j 18:38	9°8'14"46	45°09'33	
desc. node	-3214 Dec 14 j 16:15	17°7'03"08			-3211 May 06 j 00:40	0°II		
morning set	-3214 Dec 22 j 20:24	27°7'14"53		greatest brilliancy	-3211 May 16 j 00:53	5°7'26"58	-4.5m	
	-3214 Dec 25 j 01:24	0°7		retrograde	-3211 May 29 j 00:39	8°7'22"20		
	-3213 Jan 18 j 04:36	0°3		desc. node	-3211 May 31 j 10:20	8°7'15"41		
				evening set	-3211 Jun 13 j 02:48	4°7'04"14		
superior conj	-3213 Feb 01 j 14:44	17°7'52"03	-1°-22'-9	inferior conj	-3211 Jun 19 j 07:31	0°7'25"51	-4°-15'-45	
minimum elong	-3213 Feb 01 j 10:24	17°7'38"40	1°22'13	minimum elong	-3211 Jun 18 j 23:00	0°7'38"56	4°13'28	
max. Earth dist.	-3213 Feb 04 j 16:39	21°7'40"35	1.72790 AU	min. Earth dist.	-3211 Jun 19 j 15:53	0°7'13"00	0.28362 AU	
	-3213 Feb 11 j 10:19	0°7			-3211 Jun 20 j 00:21	30°7'18"7		
	-3213 Mar 07 j 18:38	0°7		morning rise	-3211 Jun 24 j 18:42	27°8'10"20		
evening rise	-3213 Mar 11 j 21:06	5°7'02"27		direct	-3211 Jul 10 j 21:04	22°8'17"17		
	-3213 Apr 01 j 05:48	0°7		greatest brilliancy	-3211 Jul 25 j 09:13	25°8'59"29	-4.6m	
asc. node	-3213 Apr 06 j 14:05	6°7'32"01			-3211 Aug 01 j 11:57	0°II		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3211 Aug 29 j 21:40	24° Π 06'36	46°33'43	asc. node	-3208 Mar 08 j 04:01	19° X 55'26	
	-3211 Sep 04 j 16:21	0° S			-3208 Mar 16 j 12:53	0° Y	
asc. node	-3211 Sep 21 j 09:35	18° S 07'15			-3208 Apr 10 j 18:59	0° B	
	-3211 Oct 01 j 19:21	0° Ω			-3208 May 06 j 17:58	0° Π	
	-3211 Oct 27 j 01:48	0° M			-3208 Jun 02 j 23:43	0° S	
	-3211 Nov 20 j 15:14	0° A		evening max el	-3208 Jun 21 j 19:22	19° S 07'32	46°02'12
	-3211 Dec 14 j 23:21	0° M		desc. node	-3208 Jun 27 j 22:06	24° S 52'43	
	-3210 Jan 08 j 07:14	0° A			-3208 Jul 03 j 16:00	0° Ω	
desc. node	-3210 Jan 11 j 04:21	3° A 32'48		greatest brilliancy	-3208 Jul 30 j 23:16	17° Ω 51'34	-4.6m
	-3210 Feb 01 j 16:25	0° S		retrograde	-3208 Aug 10 j 06:39	19° Ω 47'54	
	-3210 Feb 26 j 02:47	0° \approx		evening set	-3208 Aug 28 j 05:03	13° Ω 50'42	
morning set	-3210 Mar 06 j 10:24	10° \approx 12'17		inferior conj	-3208 Aug 31 j 02:27	12° Ω 06'54	-8°-48'-27
	-3210 Mar 22 j 13:43	0° X		minimum elong	-3208 Aug 31 j 06:30	12° Ω 00'46	8°48'10
max. Earth dist.	-3210 Apr 11 j 13:25	24° X 31'05	1.73722 AU	min. Earth dist.	-3208 Aug 31 j 15:25	11° Ω 47'18	0.27057 AU
				morning rise	-3208 Sep 03 j 07:47	10° Ω 11'02	
superior conj	-3210 Apr 12 j 04:50	25° X 18'23	0°-48'-14	direct	-3208 Sep 20 j 18:24	4° Ω 21'47	
minimum elong	-3210 Apr 12 j 12:55	25° X 43'11	0°47'57	greatest brilliancy	-3208 Oct 04 j 04:59	7° Ω 41'05	-4.7m
	-3210 Apr 16 j 00:38	0° Y		asc. node	-3208 Oct 18 j 20:53	17° Ω 03'22	
asc. node	-3210 May 04 j 02:12	22° Y 10'55			-3208 Nov 02 j 13:41	0° M	
	-3210 May 10 j 10:57	0° B		morning max el	-3208 Nov 10 j 14:17	7° M 58'35	46°52'57
evening rise	-3210 May 18 j 03:45	9° B 27'51			-3208 Dec 01 j 00:27	0° A	
	-3210 Jun 03 j 20:24	0° Π			-3208 Dec 27 j 02:07	0° M	
	-3210 Jun 28 j 05:20	0° S			-3207 Jan 21 j 10:14	0° A	
	-3210 Jul 22 j 15:02	0° Ω		desc. node	-3207 Feb 07 j 16:12	20° A 37'26	
	-3210 Aug 16 j 03:30	0° M			-3207 Feb 15 j 11:42	0° S	
desc. node	-3210 Aug 23 j 19:57	9° M 21'20			-3207 Mar 12 j 09:39	0° \approx	
	-3210 Sep 09 j 21:32	0° A			-3207 Apr 06 j 04:33	0° X	
	-3210 Oct 05 j 02:06	0° M			-3207 Apr 30 j 20:07	0° Y	
	-3210 Oct 31 j 05:51	0° A		morning set	-3207 May 12 j 23:37	14° Y 51'06	
evening max el	-3210 Nov 17 j 15:56	18° A 39'13	47°10'57		-3207 May 25 j 07:49	0° B	
	-3210 Nov 29 j 06:16	0° S		asc. node	-3207 May 31 j 14:23	7° B 43'10	
asc. node	-3210 Dec 14 j 18:12	12° S 50'11		max. Earth dist.	-3207 Jun 13 j 23:32	24° B 14'06	1.72991 AU
greatest brilliancy	-3210 Dec 24 j 07:06	18° S 38'10	-4.6m				
retrograde	-3209 Jan 07 j 13:13	22° S 23'02		superior conj	-3207 Jun 17 j 23:25	29° B 10'45	0°39'24
evening set	-3209 Jan 24 j 18:49	16° S 31'36		minimum elong	-3207 Jun 17 j 16:22	28° B 48'58	0°39'11
min. Earth dist.	-3209 Jan 27 j 21:54	14° S 33'31	0.28462 AU		-3207 Jun 18 j 15:19	0° Π	
inferior conj	-3209 Jan 28 j 17:06	14° S 02'46	8°06'04		-3207 Jul 12 j 18:59	0° S	
minimum elong	-3209 Jan 28 j 12:09	14° S 10'43	8°05'33	evening rise	-3207 Jul 24 j 01:58	14° S 04'38	
morning rise	-3209 Feb 01 j 05:50	11° S 49'19			-3207 Aug 05 j 20:08	0° Ω	
direct	-3209 Feb 18 j 19:47	5° S 53'04			-3207 Aug 29 j 20:45	0° M	
greatest brilliancy	-3209 Mar 01 j 18:47	8° S 03'47	-4.5m	desc. node	-3207 Sep 20 j 08:03	26° M 45'03	
	-3209 Apr 02 j 08:51	0° \approx			-3207 Sep 22 j 22:46	0° A	
desc. node	-3209 Apr 05 j 13:14	2° \approx 55'25			-3207 Oct 17 j 03:57	0° M	
morning max el	-3209 Apr 08 j 14:33	5° \approx 48'11	45°50'58		-3207 Nov 10 j 14:38	0° A	
	-3209 May 02 j 08:59	0° X			-3207 Dec 05 j 11:58	0° S	
	-3209 May 29 j 10:42	0° Y			-3207 Dec 31 j 08:24	0° \approx	
	-3209 Jun 24 j 05:44	0° B		asc. node	-3206 Jan 11 j 05:57	12° \approx 02'12	
	-3209 Jul 19 j 05:25	0° Π		evening max el	-3206 Jan 27 j 12:58	28° \approx 56'07	45°47'38
asc. node	-3209 Jul 27 j 12:15	10° Π 06'44			-3206 Jan 28 j 15:02	0° X	
	-3209 Aug 12 j 15:14	0° S		greatest brilliancy	-3206 Mar 02 j 17:09	25° X 47'28	-4.5m
	-3209 Sep 05 j 15:38	0° Ω		retrograde	-3206 Mar 17 j 14:56	29° X 41'30	
	-3209 Sep 29 j 11:05	0° M		evening set	-3206 Apr 02 j 23:16	24° X 32'09	
morning set	-3209 Oct 03 j 23:13	5° M 41'23		inferior conj	-3206 Apr 08 j 01:47	21° X 24'29	5°16'33
	-3209 Oct 23 j 05:25	0° A		minimum elong	-3206 Apr 08 j 10:39	21° X 10'29	5°14'36
				min. Earth dist.	-3206 Apr 08 j 14:33	21° X 04'21	0.29253 AU
superior conj	-3209 Nov 14 j 10:51	27° A 59'24	0°04'17	morning rise	-3206 Apr 13 j 21:55	17° X 50'57	
minimum elong	-3209 Nov 14 j 12:01	28° A 03'03	0°04'11	direct	-3206 Apr 29 j 19:52	12° X 59'01	
behind sun begin	-3209 Nov 13 j 09:38	26° A 40'10		desc. node	-3206 May 03 j 00:42	13° X 10'44	
behind sun end	-3209 Nov 15 j 14:23	29° A 25'55		greatest brilliancy	-3206 May 13 j 14:11	16° X 16'51	-4.5m
desc. node	-3209 Nov 16 j 06:18	0° M 15'52			-3206 Jun 03 j 09:06	0° Y	
	-3209 Nov 16 j 01:14	0° M		morning max el	-3206 Jun 17 j 21:17	13° Y 00'55	45°56'15
max. Earth dist.	-3209 Nov 18 j 16:43	3° M 19'18	1.71169 AU		-3206 Jul 04 j 15:45	0° B	
	-3209 Dec 09 j 23:44	0° A			-3206 Jul 31 j 16:46	0° Π	
evening rise	-3209 Dec 26 j 13:12	20° A 39'35		asc. node	-3206 Aug 24 j 00:01	27° Π 28'06	
	-3208 Jan 03 j 01:24	0° S			-3206 Aug 26 j 02:29	0° S	
	-3208 Jan 27 j 06:58	0° \approx			-3206 Sep 19 j 15:06	0° Ω	
	-3208 Feb 20 j 18:00	0° X			-3206 Oct 13 j 16:43	0° M	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3206 Nov 06 j 14:19	0°♄	greatest brilliancy	-3203 May 13 j 14:41	3°♊14'06	-4.5m
	-3206 Nov 30 j 12:16	0°♍	retrograde	-3203 May 26 j 15:02	6°♊10'43	
desc. node	-3206 Dec 13 j 18:29	16°♍34'56	desc. node	-3203 May 30 j 12:33	5°♊53'09	
morning set	-3206 Dec 20 j 06:37	24°♍42'08	evening set	-3203 Jun 10 j 16:31	1°♊54'18	
	-3206 Dec 24 j 12:35	0°♌		-3203 Jun 14 j 00:58	30°♌	
	-3205 Jan 17 j 15:37	0°♍	inferior conj	-3203 Jun 16 j 22:49	28°♌13'46	-3°-57'-24
			minimum elong	-3203 Jun 16 j 14:47	28°♌26'08	3°55'12
superior conj	-3205 Jan 30 j 04:18	15°♌31'35	min. Earth dist.	-3203 Jun 17 j 07:51	27°♌59'53	0.28398 AU
minimum elong	-3205 Jan 29 j 23:09	15°♌15'36	morning rise	-3203 Jun 22 j 12:26	24°♌54'25	
max. Earth dist.	-3205 Feb 02 j 09:30	19°♌30'26	direct	-3203 Jul 08 j 12:26	20°♌04'24	
	-3205 Feb 10 j 21:15	0°♋	greatest brilliancy	-3203 Jul 23 j 01:07	23°♌46'13	-4.6m
	-3205 Mar 07 j 05:32	0°♌		-3203 Aug 02 j 11:14	0°♊	
evening rise	-3205 Mar 09 j 13:36	2°♌52'16	morning max el	-3203 Aug 27 j 11:07	21°♊45'24	46°32'32
	-3205 Mar 31 j 16:48	0°♎		-3203 Sep 04 j 12:06	0°♏	
asc. node	-3205 Apr 05 j 16:06	6°♎04'27	asc. node	-3203 Sep 20 j 11:34	17°♏26'31	
	-3205 Apr 25 j 07:29	0°♏		-3203 Oct 01 j 10:29	0°♎	
	-3205 May 20 j 02:11	0°♊		-3203 Oct 26 j 15:08	0°♎	
	-3205 Jun 14 j 02:29	0°♏		-3203 Nov 20 j 03:40	0°♄	
	-3205 Jul 09 j 12:02	0°♎		-3203 Dec 14 j 11:13	0°♍	
desc. node	-3205 Jul 26 j 09:55	19°♎33'16		-3202 Jan 07 j 18:42	0°♌	
	-3205 Aug 04 j 15:03	0°♎	desc. node	-3202 Jan 10 j 06:26	3°♌04'00	
	-3205 Sep 01 j 10:15	0°♄		-3202 Feb 01 j 03:35	0°♍	
evening max el	-3205 Sep 04 j 15:22	3°♄14'50		-3202 Feb 25 j 13:43	0°♋	
	-3205 Oct 06 j 08:57	0°♍	morning set	-3202 Mar 04 j 02:33	8°♋01'18	
greatest brilliancy	-3205 Oct 13 j 14:37	3°♍43'26		-3202 Mar 22 j 00:28	0°♌	
retrograde	-3205 Oct 25 j 08:52	6°♍19'04				
evening set	-3205 Nov 08 j 19:53	2°♍05'32	superior conj	-3202 Apr 09 j 23:06	23°♌14'30	0°-50'-45
	-3205 Nov 12 j 10:38	30°♌	minimum elong	-3202 Apr 10 j 07:24	23°♌39'58	0°50'27
inferior conj	-3205 Nov 14 j 21:52	28°♄29'20	max. Earth dist.	-3202 Apr 09 j 09:33	22°♌32'57	1.73714 AU
minimum elong	-3205 Nov 14 j 22:42	28°♄28'03		-3202 Apr 15 j 11:17	0°♎	
min. Earth dist.	-3205 Nov 14 j 09:13	28°♄48'48	asc. node	-3202 May 03 j 04:23	21°♎44'51	
asc. node	-3205 Nov 16 j 08:33	27°♄36'10		-3202 May 09 j 21:38	0°♏	
morning rise	-3205 Nov 21 j 02:09	24°♄52'14	evening rise	-3202 May 15 j 23:05	7°♏26'46	
direct	-3205 Dec 05 j 04:31	20°♄52'35		-3202 Jun 03 j 07:16	0°♊	
greatest brilliancy	-3205 Dec 16 j 09:12	23°♄14'51		-3202 Jun 27 j 16:31	0°♏	
	-3205 Dec 28 j 12:19	0°♍		-3202 Jul 22 j 02:40	0°♎	
morning max el	-3204 Jan 24 j 01:35	22°♍55'40		-3202 Aug 15 j 15:43	0°♎	
	-3204 Jan 31 j 02:17	0°♌	desc. node	-3202 Aug 22 j 21:58	8°♎49'40	
	-3204 Feb 27 j 22:56	0°♍		-3202 Sep 09 j 10:36	0°♄	
desc. node	-3204 Mar 07 j 03:53	9°♍12'56		-3202 Oct 04 j 16:36	0°♍	
	-3204 Mar 25 j 07:52	0°♋		-3202 Oct 30 j 23:22	0°♌	
	-3204 Apr 19 j 23:46	0°♌	evening max el	-3202 Nov 15 j 06:07	16°♌17'31	47°13'08
	-3204 May 15 j 04:22	0°♎		-3202 Nov 29 j 10:06	0°♍	
	-3204 Jun 08 j 23:37	0°♏	asc. node	-3202 Dec 13 j 20:19	11°♍33'21	
asc. node	-3204 Jun 28 j 02:26	23°♏25'34	greatest brilliancy	-3202 Dec 22 j 00:40	16°♍24'18	-4.6m
	-3204 Jul 03 j 10:20	0°♊	retrograde	-3201 Jan 05 j 05:01	20°♍08'04	
morning set	-3204 Jul 19 j 18:12	20°♊15'25	evening set	-3201 Jan 22 j 08:19	14°♍20'40	
	-3204 Jul 27 j 13:42	0°♏	min. Earth dist.	-3201 Jan 25 j 13:13	12°♍20'06	0.28398 AU
	-3204 Aug 20 j 11:54	0°♎	inferior conj	-3201 Jan 26 j 09:01	11°♍48'25	8°00'42
max. Earth dist.	-3204 Aug 23 j 21:28	4°♎16'26	minimum elong	-3201 Jan 26 j 03:26	11°♍57'22	8°00'05
			morning rise	-3201 Jan 29 j 22:53	9°♍33'17	
superior conj	-3204 Aug 26 j 10:43	7°♎29'06	direct	-3201 Feb 16 j 10:18	3°♍39'37	
minimum elong	-3204 Aug 26 j 12:50	7°♎35'47	greatest brilliancy	-3201 Feb 27 j 09:38	5°♍50'24	-4.5m
	-3204 Sep 13 j 07:45	0°♎		-3201 Apr 02 j 09:46	0°♋	
evening rise	-3204 Oct 05 j 15:39	28°♎06'30	desc. node	-3201 Apr 04 j 15:19	2°♋05'02	
	-3204 Oct 07 j 03:45	0°♄	morning max el	-3201 Apr 06 j 05:16	3°♋34'59	45°51'37
desc. node	-3204 Oct 17 j 20:17	13°♄25'43		-3201 May 02 j 01:17	0°♌	
	-3204 Oct 31 j 01:37	0°♍		-3201 May 29 j 00:11	0°♎	
	-3204 Nov 24 j 02:24	0°♌		-3201 Jun 23 j 17:56	0°♏	
	-3204 Dec 18 j 07:37	0°♍		-3201 Jul 18 j 16:58	0°♊	
	-3203 Jan 11 j 20:24	0°♋	asc. node	-3201 Jul 26 j 14:16	9°♊37'57	
	-3203 Feb 05 j 22:32	0°♌		-3201 Aug 12 j 02:27	0°♏	
asc. node	-3203 Feb 07 j 17:54	2°♌07'30		-3201 Sep 05 j 02:43	0°♎	
	-3203 Mar 04 j 00:40	0°♎		-3201 Sep 28 j 22:06	0°♎	
	-3203 Apr 01 j 04:28	0°♏	morning set	-3201 Oct 01 j 10:47	3°♎11'33	
evening max el	-3203 Apr 08 j 09:35	7°♏02'27		-3201 Oct 22 j 16:24	0°♄	
	-3203 May 07 j 05:23	0°♊				

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3201 Nov 11 j 19:57	25° Ω 22'43	0°08'17	morning rise	-3198 Apr 11 j 12:44	15° Υ 46'44	
minimum elong	-3201 Nov 11 j 22:13	25° Ω 29'49	0°08'07	direct	-3198 Apr 27 j 13:19	10° Υ 51'51	
behind sun begin	-3201 Nov 10 j 22:24	24° Ω 14'56		desc. node	-3198 May 02 j 02:57	11° Υ 15'32	
behind sun end	-3201 Nov 12 j 22:02	26° Ω 44'40		greatest brilliancy	-3198 May 11 j 04:23	14° Υ 06'46	-4.5m
desc. node	-3201 Nov 15 j 08:32	29° Ω 48'29			-3198 Jun 03 j 14:47	0° Υ	
	-3201 Nov 15 j 12:12	0° \mathbb{M}		morning max el	-3198 Jun 15 j 14:11	10° Υ 53'20	45°55'16
max. Earth dist.	-3201 Nov 15 j 20:34	0° \mathbb{M} 26'16	1.71131 AU		-3198 Jul 04 j 09:04	0° Υ	
	-3201 Dec 09 j 10:41	0° Υ			-3198 Jul 31 j 06:51	0° \mathbb{I}	
evening rise	-3201 Dec 24 j 00:16	18° Υ 10'31		asc. node	-3198 Aug 23 j 02:06	26° \mathbb{I} 55'54	
	-3200 Jan 02 j 12:21	0° Υ			-3198 Aug 25 j 15:11	0° Υ	
	-3200 Jan 26 j 18:00	0° \approx			-3198 Sep 19 j 03:07	0° Ω	
	-3200 Feb 20 j 05:14	0° Υ			-3198 Oct 13 j 04:22	0° \mathbb{M}	
asc. node	-3200 Mar 07 j 06:01	19° Υ 26'46			-3198 Nov 06 j 01:45	0° Ω	
	-3200 Mar 16 j 00:34	0° Υ			-3198 Nov 29 j 23:35	0° \mathbb{M}	
	-3200 Apr 10 j 07:33	0° Υ		desc. node	-3198 Dec 12 j 20:30	16° \mathbb{M} 06'14	
	-3200 May 06 j 08:15	0° \mathbb{I}		morning set	-3198 Dec 17 j 16:44	22° \mathbb{M} 09'05	
	-3200 Jun 02 j 17:49	0° Υ			-3198 Dec 23 j 23:45	0° Υ	
evening max el	-3200 Jun 19 j 08:35	16° Υ 47'16	45°59'23		-3197 Jan 17 j 02:39	0° Υ	
desc. node	-3200 Jun 27 j 00:13	23° Υ 55'50					
	-3200 Jul 03 j 23:54	0° Ω		superior conj	-3197 Jan 27 j 17:43	13° Υ 10'29	-1°-20'-22
greatest brilliancy	-3200 Jul 28 j 09:01	15° Ω 24'41	-4.6m	minimum elong	-3197 Jan 27 j 11:45	12° Υ 52'01	1°20'25
retrograde	-3200 Aug 07 j 19:20	17° Ω 23'25		max. Earth dist.	-3197 Jan 31 j 03:41	17° Υ 24'13	1.72681 AU
evening set	-3200 Aug 25 j 18:17	11° Ω 24'24			-3197 Feb 10 j 08:10	0° \approx	
inferior conj	-3200 Aug 28 j 15:02	9° Ω 41'40	-8°-51'-50		-3197 Mar 06 j 16:26	0° Υ	
minimum elong	-3200 Aug 28 j 18:11	9° Ω 36'54	8°51'37	evening rise	-3197 Mar 07 j 06:02	0° Υ 41'48	
min. Earth dist.	-3200 Aug 29 j 03:35	9° Ω 22'43	0.27110 AU		-3197 Mar 31 j 03:48	0° Υ	
morning rise	-3200 Aug 31 j 17:56	7° Ω 49'34		asc. node	-3197 Apr 04 j 18:20	5° Υ 37'36	
direct	-3200 Sep 18 j 08:09	1° Ω 55'37			-3197 Apr 24 j 18:45	0° Υ	
greatest brilliancy	-3200 Oct 01 j 20:24	5° Ω 17'27	-4.7m		-3197 May 19 j 13:58	0° \mathbb{I}	
asc. node	-3200 Oct 17 j 23:06	15° Ω 49'49			-3197 Jun 13 j 15:05	0° Υ	
	-3200 Nov 02 j 15:25	0° \mathbb{M}			-3197 Jul 09 j 02:01	0° Ω	
morning max el	-3200 Nov 08 j 04:50	5° \mathbb{M} 34'56	46°53'16	desc. node	-3197 Jul 25 j 11:55	18° Ω 55'00	
	-3200 Nov 30 j 17:42	0° Ω			-3197 Aug 04 j 07:35	0° \mathbb{M}	
	-3200 Dec 26 j 16:29	0° \mathbb{M}			-3197 Sep 01 j 09:04	0° Ω	
	-3199 Jan 20 j 23:07	0° Υ		evening max el	-3197 Sep 02 j 05:45	0° Ω 51'51	47°21'35
desc. node	-3199 Feb 06 j 18:14	20° Υ 06'52			-3197 Oct 08 j 10:16	0° \mathbb{M}	
	-3199 Feb 14 j 23:42	0° Υ		greatest brilliancy	-3197 Oct 11 j 06:11	1° \mathbb{M} 16'58	-4.7m
	-3199 Mar 11 j 21:04	0° \approx		retrograde	-3197 Oct 22 j 21:28	3° \mathbb{M} 48'57	
	-3199 Apr 05 j 15:35	0° Υ			-3197 Nov 05 j 14:56	30° \mathbb{R} Ω	
	-3199 Apr 30 j 06:56	0° Υ		evening set	-3197 Nov 06 j 09:37	29° Ω 35'00	
morning set	-3199 May 10 j 18:35	12° Υ 49'16		inferior conj	-3197 Nov 12 j 10:22	26° Ω 00'25	0°-46'-32
	-3199 May 24 j 18:32	0° Υ		minimum elong	-3197 Nov 12 j 12:07	25° Ω 57'44	0°46'01
asc. node	-3199 May 30 j 16:33	7° Υ 16'53		min. Earth dist.	-3197 Nov 11 j 23:06	26° Ω 17'47	0.26441 AU
max. Earth dist.	-3199 Jun 11 j 20:42	22° Υ 18'03	1.73039 AU	asc. node	-3197 Nov 15 j 10:43	24° Ω 10'30	
				morning rise	-3197 Nov 18 j 15:12	22° Ω 22'33	
superior conj	-3199 Jun 15 j 17:49	27° Υ 05'57	0°36'37	direct	-3197 Dec 02 j 17:04	18° Ω 24'29	
minimum elong	-3199 Jun 15 j 11:10	26° Υ 45'24	0°36'24	greatest brilliancy	-3197 Dec 13 j 22:40	20° Ω 47'34	-4.6m
	-3199 Jun 18 j 02:02	0° \mathbb{I}			-3197 Dec 29 j 10:44	0° \mathbb{M}	
	-3199 Jul 12 j 05:48	0° Υ		morning max el	-3196 Jan 21 j 14:25	20° \mathbb{M} 31'11	46°26'03
evening rise	-3199 Jul 21 j 18:48	11° Υ 53'29			-3196 Jan 30 j 22:51	0° Υ	
	-3199 Aug 05 j 07:08	0° Ω			-3196 Feb 27 j 14:27	0° Υ	
	-3199 Aug 29 j 08:01	0° \mathbb{M}		desc. node	-3196 Mar 06 j 05:57	8° Υ 37'06	
desc. node	-3199 Sep 19 j 10:09	26° \mathbb{M} 15'35			-3196 Mar 24 j 21:15	0° \approx	
	-3199 Sep 22 j 10:23	0° Ω			-3196 Apr 19 j 12:00	0° Υ	
	-3199 Oct 16 j 15:59	0° \mathbb{M}			-3196 May 14 j 15:58	0° Υ	
	-3199 Nov 10 j 03:13	0° Υ			-3196 Jun 08 j 10:51	0° Υ	
	-3199 Dec 05 j 01:31	0° Υ		asc. node	-3196 Jun 27 j 04:28	22° Υ 57'44	
	-3199 Dec 31 j 00:04	0° \approx			-3196 Jul 02 j 21:23	0° \mathbb{I}	
asc. node	-3198 Jan 10 j 08:03	11° \approx 21'08		morning set	-3196 Jul 17 j 10:35	18° \mathbb{I} 02'39	
evening max el	-3198 Jan 25 j 05:23	26° \approx 45'40	45°50'20		-3196 Jul 27 j 00:44	0° Υ	
	-3198 Jan 28 j 13:18	0° Υ			-3196 Aug 19 j 23:01	0° Ω	
greatest brilliancy	-3198 Feb 28 j 10:10	23° Υ 40'52	-4.5m	max. Earth dist.	-3196 Aug 21 j 04:46	1° Ω 33'32	1.71355 AU
retrograde	-3198 Mar 15 j 08:19	27° Υ 34'57					
evening set	-3198 Mar 31 j 18:43	22° Υ 21'49		superior conj	-3196 Aug 24 j 00:49	5° Ω 07'32	1°24'00
inferior conj	-3198 Apr 05 j 18:45	19° Υ 17'17	5°30'55	minimum elong	-3196 Aug 24 j 02:04	5° Ω 11'28	1°24'04
minimum elong	-3198 Apr 06 j 03:44	19° Υ 03'05	5°28'59		-3196 Sep 12 j 18:57	0° \mathbb{M}	
min. Earth dist.	-3198 Apr 06 j 06:34	18° Υ 58'38	0.29264 AU	evening rise	-3196 Oct 03 j 01:19	25° \mathbb{M} 30'29	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3196 Oct 06 j 15:04	0°♌		morning max el	-3193 Apr 03 j 20:40	1°≈22'10	45°52'18
desc. node	-3196 Oct 16 j 22:29	12°♌56'57			-3193 May 01 j 17:42	0°♋	
	-3196 Oct 30 j 13:02	0°♍			-3193 May 28 j 13:57	0°♎	
	-3196 Nov 23 j 13:59	0°♏			-3193 Jun 23 j 06:27	0°♐	
	-3196 Dec 17 j 19:28	0°♑			-3193 Jul 18 j 04:50	0°♒	
	-3195 Jan 11 j 08:43	0°≈		asc. node	-3193 Jul 25 j 16:25	9°♒08'36	
	-3195 Feb 05 j 11:44	0°♋			-3193 Aug 11 j 14:00	0°♓	
asc. node	-3195 Feb 06 j 19:59	1°♋34'37			-3193 Sep 04 j 14:07	0°♑	
	-3195 Mar 03 j 15:50	0°♎			-3193 Sep 28 j 09:27	0°♐	
	-3195 Apr 01 j 01:02	0°♐		morning set	-3193 Sep 28 j 22:31	0°♐41'14	
evening max el	-3195 Apr 05 j 23:54	4°♐48'02	45°09'08		-3193 Oct 22 j 03:46	0°♌	
	-3195 May 08 j 23:28	0°♒					
greatest brilliancy	-3195 May 11 j 03:34	0°♒59'43	-4.5m	superior conj	-3193 Nov 09 j 04:42	22°♌43'29	0°12'17
retrograde	-3195 May 24 j 05:47	3°♒59'00		minimum elong	-3193 Nov 09 j 08:02	22°♌53'59	0°12'05
desc. node	-3195 May 29 j 14:35	3°♒25'29		behind sun begin	-3193 Nov 08 j 13:30	21°♌55'41	
	-3195 Jun 07 j 18:04	30°♐♋		behind sun end	-3193 Nov 10 j 02:34	23°♌52'17	
evening set	-3195 Jun 08 j 06:30	29°♐43'40		max. Earth dist.	-3193 Nov 13 j 01:25	27°♌34'57	1.71100 AU
inferior conj	-3195 Jun 14 j 14:13	26°♐01'24	-3°-38'-43	desc. node	-3193 Nov 14 j 10:34	29°♌19'06	
minimum elong	-3195 Jun 14 j 06:41	26°♐12'59	3°36'37		-3193 Nov 14 j 23:35	0°♍	
min. Earth dist.	-3195 Jun 14 j 23:53	25°♐46'32	0.28438 AU		-3193 Dec 08 j 22:04	0°♏	
morning rise	-3195 Jun 20 j 06:11	22°♐38'32		evening rise	-3193 Dec 21 j 10:42	15°♏38'07	
direct	-3195 Jul 06 j 03:37	17°♐51'03			-3192 Jan 01 j 23:45	0°♑	
greatest brilliancy	-3195 Jul 20 j 18:00	21°♐33'53	-4.6m		-3192 Jan 26 j 05:26	0°≈	
	-3195 Aug 03 j 04:47	0°♒			-3192 Feb 19 j 16:53	0°♋	
morning max el	-3195 Aug 25 j 01:10	19°♒24'56	46°31'12	asc. node	-3192 Mar 06 j 08:15	18°♋57'30	
	-3195 Sep 04 j 07:39	0°♓			-3192 Mar 15 j 12:42	0°♎	
asc. node	-3195 Sep 19 j 13:49	16°♓45'57			-3192 Apr 09 j 20:37	0°♐	
	-3195 Oct 01 j 01:49	0°♑			-3192 May 05 j 23:08	0°♒	
	-3195 Oct 26 j 04:47	0°♐			-3192 Jun 02 j 12:50	0°♓	
	-3195 Nov 19 j 16:24	0°♌		evening max el	-3192 Jun 16 j 22:49	14°♓28'37	45°56'38
	-3195 Dec 13 j 23:22	0°♍		desc. node	-3192 Jun 26 j 02:18	22°♓56'39	
	-3194 Jan 07 j 06:27	0°♏			-3192 Jul 04 j 11:04	0°♑	
desc. node	-3194 Jan 09 j 08:29	2°♏34'15		greatest brilliancy	-3192 Jul 25 j 18:51	12°♑57'35	-4.6m
	-3194 Jan 31 j 15:02	0°♑		retrograde	-3192 Aug 05 j 08:16	14°♑58'30	
	-3194 Feb 25 j 00:56	0°≈		evening set	-3192 Aug 23 j 07:13	8°♑58'43	
morning set	-3194 Mar 01 j 18:28	5°≈48'33		inferior conj	-3192 Aug 26 j 03:45	7°♑16'11	-8°-54'-8
	-3194 Mar 21 j 11:32	0°♋		minimum elong	-3192 Aug 26 j 06:00	7°♑12'48	8°54'00
max. Earth dist.	-3194 Apr 07 j 04:59	20°♋31'37	1.73705 AU	min. Earth dist.	-3192 Aug 26 j 15:35	6°♑58'18	0.27159 AU
				morning rise	-3192 Aug 29 j 04:40	5°♑27'04	
superior conj	-3194 Apr 07 j 17:23	21°♋09'39	0°-53'-11		-3192 Sep 10 j 23:01	30°♐♓	
minimum elong	-3194 Apr 08 j 01:52	21°♋35'42	0°52'54	direct	-3192 Sep 15 j 22:17	29°♓29'34	
	-3194 Apr 14 j 22:16	0°♎			-3192 Sep 20 j 23:51	0°♑	
asc. node	-3194 May 02 j 06:32	21°♎17'41		greatest brilliancy	-3192 Sep 29 j 10:37	2°♑52'00	-4.7m
	-3194 May 09 j 08:39	0°♐		asc. node	-3192 Oct 17 j 01:17	14°♑37'49	
evening rise	-3194 May 13 j 18:33	5°♐25'11			-3192 Nov 02 j 16:10	0°♐	
	-3194 Jun 02 j 18:27	0°♒		morning max el	-3192 Nov 05 j 19:16	3°♐10'19	46°53'16
	-3194 Jun 27 j 04:01	0°♓			-3192 Nov 30 j 10:57	0°♌	
	-3194 Jul 21 j 14:37	0°♑			-3192 Dec 26 j 07:05	0°♍	
	-3194 Aug 15 j 04:19	0°♐			-3191 Jan 20 j 12:21	0°♏	
desc. node	-3194 Aug 22 j 00:05	8°♐17'06		desc. node	-3191 Feb 05 j 20:22	19°♏35'27	
	-3194 Sep 09 j 00:09	0°♌			-3191 Feb 14 j 12:05	0°♑	
	-3194 Oct 04 j 07:44	0°♍			-3191 Mar 11 j 08:50	0°≈	
	-3194 Oct 30 j 17:50	0°♏			-3191 Apr 05 j 02:57	0°♋	
evening max el	-3194 Nov 12 j 20:36	13°♏55'00	47°15'24		-3191 Apr 29 j 18:04	0°♎	
	-3194 Nov 29 j 16:36	0°♑		morning set	-3191 May 08 j 13:28	10°♎46'13	
asc. node	-3194 Dec 12 j 22:23	10°♑12'26			-3191 May 24 j 05:35	0°♐	
greatest brilliancy	-3194 Dec 19 j 17:27	14°♑07'32	-4.6m	asc. node	-3191 May 29 j 18:33	6°♐49'06	
retrograde	-3193 Jan 02 j 21:05	17°♑51'15		max. Earth dist.	-3191 Jun 09 j 16:29	20°♐16'46	1.73086 AU
evening set	-3193 Jan 19 j 21:26	12°♑07'54					
min. Earth dist.	-3193 Jan 23 j 04:02	10°♑05'08	0.28330 AU	superior conj	-3191 Jun 13 j 12:17	25°♐00'26	0°33'47
inferior conj	-3193 Jan 24 j 00:45	9°♑32'05	7°54'29	minimum elong	-3191 Jun 13 j 06:04	24°♐41'13	0°33'35
minimum elong	-3193 Jan 23 j 18:33	9°♑41'58	7°53'45		-3191 Jun 17 j 13:06	0°♒	
morning rise	-3193 Jan 27 j 16:01	7°♑15'03			-3191 Jul 11 j 16:57	0°♓	
direct	-3193 Feb 14 j 00:43	1°♑24'11		evening rise	-3191 Jul 19 j 11:52	9°♓42'07	
greatest brilliancy	-3193 Feb 25 j 00:11	3°♑35'12	-4.5m		-3191 Aug 04 j 18:27	0°♑	
	-3193 Apr 02 j 10:01	0°≈			-3191 Aug 28 j 19:34	0°♐	
desc. node	-3193 Apr 03 j 17:36	1°≈14'53		desc. node	-3191 Sep 18 j 12:21	25°♐45'41	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3191 Sep 21 j 22:15	0°♄				-3188 Apr 19 j 00:12	0°♁		
	-3191 Oct 16 j 04:15	0°♍				-3188 May 14 j 03:32	0°♎		
	-3191 Nov 09 j 16:05	0°♏				-3188 Jun 07 j 22:03	0°♐		
	-3191 Dec 04 j 15:26	0°♑			asc. node	-3188 Jun 26 j 06:37	22°♐30'20		
	-3191 Dec 30 j 16:20	0°♒				-3188 Jul 02 j 08:24	0°♑		
asc. node	-3190 Jan 09 j 10:11	10°♒38'43			morning set	-3188 Jul 15 j 03:00	15°♑50'15		
evening max el	-3190 Jan 22 j 21:41	24°♒33'38	45°52'57			-3188 Jul 26 j 11:43	0°♒		
	-3190 Jan 28 j 12:59	0°♓			max. Earth dist.	-3188 Aug 18 j 15:28	29°♒01'36	1.71410 AU	
greatest brilliancy	-3190 Feb 26 j 04:11	21°♓34'15	-4.5m			-3188 Aug 19 j 10:03	0°♓		
retrograde	-3190 Mar 13 j 01:19	25°♓27'06							
evening set	-3190 Mar 29 j 14:12	20°♓10'25			superior conj	-3188 Aug 21 j 15:03	2°♓46'36	1°24'07	
inferior conj	-3190 Apr 03 j 11:43	17°♓09'01	5°44'45		minimum elong	-3188 Aug 21 j 15:26	2°♓47'50	1°24'13	
minimum elong	-3190 Apr 03 j 20:45	16°♓54'42	5°42'53			-3188 Sep 12 j 06:06	0°♑		
min. Earth dist.	-3190 Apr 03 j 22:43	16°♓51'36	0.29270 AU		evening rise	-3188 Sep 30 j 11:17	22°♑55'33		
morning rise	-3190 Apr 09 j 03:21	13°♓41'30				-3188 Oct 06 j 02:21	0°♒		
direct	-3190 Apr 25 j 06:33	8°♓43'49			desc. node	-3188 Oct 16 j 00:30	12°♒27'41		
desc. node	-3190 May 01 j 04:58	9°♓23'20				-3188 Oct 30 j 00:26	0°♓		
greatest brilliancy	-3190 May 08 j 17:54	11°♓54'51	-4.5m			-3188 Nov 23 j 01:30	0°♏		
	-3190 Jun 03 j 18:57	0°♎				-3188 Dec 17 j 07:13	0°♑		
morning max el	-3190 Jun 13 j 06:06	8°♎42'41	45°54'19			-3187 Jan 10 j 20:54	0°♒		
	-3190 Jul 04 j 02:18	0°♐				-3187 Feb 05 j 00:50	0°♓		
	-3190 Jul 30 j 21:02	0°♑			asc. node	-3187 Feb 05 j 22:12	1°♓02'35		
asc. node	-3190 Aug 22 j 04:17	26°♑23'30				-3187 Mar 03 j 06:59	0°♎		
	-3190 Aug 25 j 04:01	0°♒				-3187 Mar 31 j 22:05	0°♐		
	-3190 Sep 18 j 15:16	0°♓			evening max el	-3187 Apr 03 j 14:30	2°♓34'51	45°09'03	
	-3190 Oct 12 j 16:09	0°♑			greatest brilliancy	-3187 May 08 j 15:37	28°♓44'55	-4.5m	
	-3190 Nov 05 j 13:19	0°♒				-3187 May 11 j 20:35	0°♑		
	-3190 Nov 29 j 10:58	0°♓			retrograde	-3187 May 21 j 21:05	1°♑48'05		
desc. node	-3190 Dec 11 j 22:33	15°♓37'21			desc. node	-3187 May 28 j 16:41	0°♑53'41		
morning set	-3190 Dec 15 j 03:08	19°♓36'31				-3187 May 31 j 12:05	30°♐		
	-3190 Dec 23 j 11:00	0°♏			evening set	-3187 Jun 05 j 20:45	27°♓33'24		
	-3189 Jan 16 j 13:46	0°♑			inferior conj	-3187 Jun 12 j 05:42	23°♓49'41	-3°-19'-46	
					minimum elong	-3187 Jun 11 j 22:43	24°♓00'24	3°17'47	
superior conj	-3189 Jan 25 j 07:05	10°♑48'49	-1°-19'-16		min. Earth dist.	-3187 Jun 12 j 15:49	23°♓34'07	0.28479 AU	
minimum elong	-3189 Jan 25 j 00:22	10°♑28'02	1°19'17		morning rise	-3187 Jun 17 j 23:57	20°♓23'41		
max. Earth dist.	-3189 Jan 28 j 22:17	15°♑18'51	1.72628 AU		direct	-3187 Jul 03 j 19:08	15°♓38'20		
	-3189 Feb 09 j 19:13	0°♒			greatest brilliancy	-3187 Jul 18 j 11:34	19°♓23'15	-4.6m	
evening rise	-3189 Mar 04 j 22:12	28°♒29'57				-3187 Aug 03 j 17:39	0°♑		
	-3189 Mar 06 j 03:29	0°♓			morning max el	-3187 Aug 22 j 16:13	17°♑07'49	46°29'53	
	-3189 Mar 30 j 14:59	0°♎				-3187 Sep 04 j 02:28	0°♒		
asc. node	-3189 Apr 03 j 20:25	5°♎09'45			asc. node	-3187 Sep 18 j 15:58	16°♒06'08		
	-3189 Apr 24 j 06:11	0°♐				-3187 Sep 30 j 16:45	0°♓		
	-3189 May 19 j 01:54	0°♑				-3187 Oct 25 j 18:07	0°♑		
	-3189 Jun 13 j 03:53	0°♒				-3187 Nov 19 j 04:53	0°♒		
	-3189 Jul 08 j 16:15	0°♓				-3187 Dec 13 j 11:17	0°♓		
desc. node	-3189 Jul 24 j 14:06	18°♓16'33				-3186 Jan 06 j 17:57	0°♏		
	-3189 Aug 04 j 00:33	0°♑			desc. node	-3186 Jan 08 j 10:39	2°♏05'30		
evening max el	-3189 Aug 30 j 19:12	28°♑26'12	47°19'38			-3186 Jan 31 j 02:13	0°♑		
	-3189 Sep 01 j 08:58	0°♒				-3186 Feb 24 j 11:52	0°♒		
greatest brilliancy	-3189 Oct 08 j 22:33	28°♒51'16	-4.7m		morning set	-3186 Feb 27 j 10:31	3°♒37'01		
	-3189 Oct 12 j 03:10	0°♓				-3186 Mar 20 j 22:17	0°♓		
retrograde	-3189 Oct 20 j 09:45	1°♓18'57							
	-3189 Oct 28 j 09:26	30°♐			superior conj	-3186 Apr 05 j 11:50	19°♓06'13	0°-55'-32	
evening set	-3189 Nov 03 j 23:33	27°♒04'13			minimum elong	-3186 Apr 05 j 20:29	19°♓32'45	0°55'16	
inferior conj	-3189 Nov 09 j 22:56	23°♒31'46	-1°-10'-37		max. Earth dist.	-3186 Apr 05 j 02:02	18°♓36'08	1.73698 AU	
minimum elong	-3189 Nov 10 j 01:34	23°♒27'42	1°09'49			-3186 Apr 14 j 08:58	0°♎		
min. Earth dist.	-3189 Nov 09 j 13:22	23°♒46'30	0.26411 AU		asc. node	-3186 May 01 j 08:33	20°♎50'56		
asc. node	-3189 Nov 14 j 12:43	20°♒47'23				-3186 May 08 j 19:24	0°♐		
morning rise	-3189 Nov 16 j 04:04	19°♒53'21			evening rise	-3186 May 11 j 14:10	3°♓24'58		
direct	-3189 Nov 30 j 05:03	15°♒56'26				-3186 Jun 02 j 05:24	0°♑		
greatest brilliancy	-3189 Dec 11 j 12:56	18°♒21'20	-4.6m			-3186 Jun 26 j 15:18	0°♒		
	-3189 Dec 30 j 03:15	0°♓				-3186 Jul 21 j 02:22	0°♓		
morning max el	-3188 Jan 19 j 02:38	18°♓05'09	46°27'28			-3186 Aug 14 j 16:43	0°♑		
	-3188 Jan 30 j 18:40	0°♏			desc. node	-3186 Aug 21 j 02:14	7°♑45'23		
	-3188 Feb 27 j 05:40	0°♑				-3186 Sep 08 j 13:31	0°♒		
desc. node	-3188 Mar 05 j 08:11	8°♑02'11				-3186 Oct 03 j 22:46	0°♓		
	-3188 Mar 24 j 10:30	0°♒				-3186 Oct 30 j 12:28	0°♏		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3186 Nov 10 j 11:55	11° Z 35'24	47°17'32		-3183 Mar 10 j 20:14	0° \approx	
	-3186 Nov 30 j 01:11	0° Z			-3183 Apr 04 j 13:58	0° H	
asc. node	-3186 Dec 12 j 00:36	8° Z 49'53			-3183 Apr 29 j 04:50	0° Y	
greatest brilliancy	-3186 Dec 17 j 10:05	11° Z 51'06	-4.6m	morning set	-3183 May 06 j 08:37	8° Y 45'11	
retrograde	-3186 Dec 31 j 13:35	15° Z 34'47			-3183 May 23 j 16:14	0° B	
evening set	-3185 Jan 17 j 10:18	9° Z 55'41		asc. node	-3183 May 28 j 20:46	6° B 23'13	
min. Earth dist.	-3185 Jan 20 j 18:29	7° Z 50'50	0.28258 AU	max. Earth dist.	-3183 Jun 07 j 11:56	18° B 15'48	1.73131 AU
inferior conj	-3185 Jan 21 j 16:20	7° Z 16'04	7°47'31				
minimum elong	-3185 Jan 21 j 09:34	7° Z 26'50	7°46'39	superior conj	-3183 Jun 11 j 07:06	22° B 57'22	0°30'56
morning rise	-3185 Jan 25 j 09:14	4° Z 56'58		minimum elong	-3183 Jun 11 j 01:20	22° B 39'34	0°30'46
	-3185 Feb 05 j 04:55	30° R Z			-3183 Jun 16 j 23:45	0° II	
direct	-3185 Feb 11 j 15:27	29° Z 09'14			-3183 Jul 11 j 03:43	0° G	
	-3185 Feb 18 j 07:56	0° Z		evening rise	-3183 Jul 17 j 05:18	7° G 33'07	
greatest brilliancy	-3185 Feb 22 j 13:47	1° Z 19'45	-4.5m		-3183 Aug 04 j 05:26	0° Q	
morning max el	-3185 Apr 01 j 12:41	29° Z 12'04	45°53'08		-3183 Aug 28 j 06:51	0° P	
	-3185 Apr 02 j 08:43	0° \approx		desc. node	-3183 Sep 17 j 14:21	25° P 15'55	
desc. node	-3185 Apr 02 j 19:34	0° \approx 26'05			-3183 Sep 21 j 09:53	0° A	
	-3185 May 01 j 09:23	0° H			-3183 Oct 15 j 16:19	0° M	
	-3185 May 28 j 03:11	0° Y			-3183 Nov 09 j 04:46	0° Z	
	-3185 Jun 22 j 18:32	0° B			-3183 Dec 04 j 05:13	0° Z	
	-3185 Jul 17 j 16:21	0° II			-3183 Dec 30 j 08:36	0° \approx	
asc. node	-3185 Jul 24 j 18:37	8° II 40'22		asc. node	-3182 Jan 08 j 12:21	9° \approx 56'43	
	-3185 Aug 11 j 01:14	0° G		evening max el	-3182 Jan 20 j 13:02	22° \approx 19'49	45°55'37
	-3185 Sep 04 j 01:13	0° Q			-3182 Jan 28 j 13:30	0° H	
morning set	-3185 Sep 26 j 10:21	28° Q 12'15		greatest brilliancy	-3182 Feb 23 j 22:10	19° H 28'04	-4.5m
	-3185 Sep 27 j 20:29	0° P		retrograde	-3182 Mar 10 j 17:56	23° H 19'50	
	-3185 Oct 21 j 14:47	0° A		evening set	-3182 Mar 27 j 09:38	17° H 59'35	
				inferior conj	-3182 Apr 01 j 04:38	15° H 01'30	5°58'12
superior conj	-3185 Nov 06 j 13:25	20° A 05'09	0°16'16	minimum elong	-3182 Apr 01 j 13:40	14° H 47'10	5°56'24
minimum elong	-3185 Nov 06 j 17:48	20° A 18'58	0°16'01	min. Earth dist.	-3182 Apr 01 j 15:08	14° H 44'50	0.29272 AU
behind sun begin	-3185 Nov 06 j 12:08	20° A 01'08		morning rise	-3182 Apr 06 j 17:45	11° H 37'05	
behind sun end	-3185 Nov 06 j 23:28	20° A 36'48		direct	-3182 Apr 22 j 23:07	6° H 36'27	
max. Earth dist.	-3185 Nov 10 j 09:18	24° A 54'09	1.71072 AU	desc. node	-3182 Apr 30 j 07:04	7° H 35'50	
desc. node	-3185 Nov 13 j 12:36	28° A 50'50		greatest brilliancy	-3182 May 06 j 07:32	9° H 43'48	-4.5m
	-3185 Nov 14 j 10:37	0° M			-3182 Jun 03 j 21:04	0° Y	
	-3185 Dec 08 j 09:08	0° Z		morning max el	-3182 Jun 10 j 21:24	6° Y 31'31	45°53'37
evening rise	-3185 Dec 18 j 21:03	13° Z 06'21			-3182 Jul 03 j 18:47	0° B	
	-3184 Jan 01 j 10:50	0° Z			-3182 Jul 30 j 10:40	0° II	
	-3184 Jan 25 j 16:35	0° \approx		asc. node	-3182 Aug 21 j 06:24	25° II 52'13	
	-3184 Feb 19 j 04:13	0° H			-3182 Aug 24 j 16:26	0° G	
asc. node	-3184 Mar 05 j 10:22	18° H 28'55			-3182 Sep 18 j 03:05	0° Q	
	-3184 Mar 15 j 00:30	0° Y			-3182 Oct 12 j 03:40	0° P	
	-3184 Apr 09 j 09:20	0° B			-3182 Nov 05 j 00:40	0° A	
	-3184 May 05 j 13:43	0° II			-3182 Nov 28 j 22:10	0° M	
	-3184 Jun 02 j 07:50	0° G		desc. node	-3182 Dec 11 j 00:47	15° M 09'34	
evening max el	-3184 Jun 14 j 13:21	12° G 12'05	45°53'43	morning set	-3182 Dec 12 j 12:58	17° M 02'37	
desc. node	-3184 Jun 25 j 04:27	21° G 57'31			-3182 Dec 22 j 22:03	0° Z	
	-3184 Jul 05 j 01:15	0° Q			-3181 Jan 16 j 00:42	0° Z	
greatest brilliancy	-3184 Jul 23 j 05:35	10° Q 32'49	-4.6m				
retrograde	-3184 Aug 02 j 20:56	12° Q 34'42		superior conj	-3181 Jan 22 j 19:55	8° Z 26'05	-1°-18'00
evening set	-3184 Aug 20 j 19:41	6° Q 35'17		minimum elong	-3181 Jan 22 j 12:28	8° Z 03'01	1°17'59
inferior conj	-3184 Aug 23 j 16:33	4° Q 52'03	-8°-55'-23	max. Earth dist.	-3181 Jan 26 j 15:15	13° Z 09'02	1.72570 AU
minimum elong	-3184 Aug 23 j 17:50	4° Q 50'05	8°55'19		-3181 Feb 09 j 06:05	0° \approx	
min. Earth dist.	-3184 Aug 24 j 03:50	4° Q 34'58	0.27210 AU	evening rise	-3181 Mar 02 j 13:57	26° \approx 17'24	
morning rise	-3184 Aug 26 j 15:53	3° Q 05'04			-3181 Mar 05 j 14:22	0° H	
	-3184 Sep 01 j 10:21	30° R G			-3181 Mar 30 j 01:58	0° Y	
direct	-3184 Sep 13 j 12:20	27° G 04'54		asc. node	-3181 Apr 02 j 22:28	4° Y 42'20	
	-3184 Sep 26 j 00:43	0° Q			-3181 Apr 23 j 17:27	0° B	
greatest brilliancy	-3184 Sep 27 j 00:13	0° Q 26'45	-4.7m		-3181 May 18 j 13:40	0° II	
asc. node	-3184 Oct 16 j 03:18	13° Q 28'21			-3181 Jun 12 j 16:29	0° G	
	-3184 Nov 02 j 15:28	0° P			-3181 Jul 08 j 06:20	0° Q	
morning max el	-3184 Nov 03 j 09:00	0° P 44'49	46°53'12	desc. node	-3181 Jul 23 j 16:14	17° Q 38'41	
	-3184 Nov 30 j 03:33	0° A			-3181 Aug 03 j 17:30	0° P	
	-3184 Dec 25 j 21:12	0° M		evening max el	-3181 Aug 28 j 07:33	25° P 58'51	47°17'29
	-3183 Jan 20 j 01:09	0° Z			-3181 Sep 01 j 09:39	0° A	
desc. node	-3183 Feb 04 j 22:31	19° Z 05'10		greatest brilliancy	-3181 Oct 06 j 14:16	26° A 25'02	-4.7m
	-3183 Feb 14 j 00:03	0° Z		retrograde	-3181 Oct 17 j 21:37	28° A 49'05	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3181 Nov 01 j 13:26	24°♄32'48			-3178 Apr 13 j 19:49	0°♃	
inferior conj	-3181 Nov 07 j 11:19	21°♄02'57	-1°-34'-45	asc. node	-3178 Apr 30 j 10:44	20°♃24'11	
minimum elong	-3181 Nov 07 j 14:50	20°♄57'32	1°33'41		-3178 May 08 j 06:19	0°♄	
min. Earth dist.	-3181 Nov 07 j 03:35	21°♄14'50	0.26393 AU	evening rise	-3178 May 09 j 09:21	1°♄22'56	
morning rise	-3181 Nov 13 j 16:33	17°♄24'19			-3178 Jun 01 j 16:31	0°♅	
asc. node	-3181 Nov 13 j 14:58	17°♄26'25			-3178 Jun 26 j 02:46	0°♆	
direct	-3181 Nov 27 j 16:39	13°♄27'43			-3178 Jul 20 j 14:18	0°♇	
greatest brilliancy	-3181 Dec 09 j 04:02	15°♄55'42	-4.6m		-3178 Aug 14 j 05:19	0°♈	
	-3181 Dec 30 j 15:43	0°♉		desc. node	-3178 Aug 20 j 04:15	7°♈12'39	
morning max el	-3180 Jan 16 j 15:14	15°♉39'42	46°28'53		-3178 Sep 08 j 03:06	0°♉	
	-3180 Jan 30 j 13:57	0°♊			-3178 Oct 03 j 14:03	0°♉	
	-3180 Feb 26 j 20:41	0°♋			-3178 Oct 30 j 07:35	0°♊	
desc. node	-3180 Mar 04 j 10:13	7°♋27'02		evening max el	-3178 Nov 08 j 04:07	9°♊18'04	47°19'36
	-3180 Mar 23 j 23:36	0°♌			-3178 Nov 30 j 12:47	0°♋	
	-3180 Apr 18 j 12:16	0°♍		asc. node	-3178 Dec 11 j 02:43	7°♋24'21	
	-3180 May 13 j 15:00	0°♎		greatest brilliancy	-3178 Dec 15 j 02:45	9°♋34'32	-4.6m
	-3180 Jun 07 j 09:09	0°♏		retrograde	-3178 Dec 29 j 06:11	13°♋17'41	
asc. node	-3180 Jun 25 j 08:48	22°♏03'18		evening set	-3177 Jan 14 j 23:04	7°♋43'04	
	-3180 Jul 01 j 19:20	0°♐		min. Earth dist.	-3177 Jan 18 j 08:45	5°♋36'05	0.28189 AU
morning set	-3180 Jul 12 j 19:42	13°♐39'06		inferior conj	-3177 Jan 19 j 07:51	4°♋59'22	7°39'45
	-3180 Jul 25 j 22:35	0°♑		minimum elong	-3177 Jan 19 j 00:36	5°♋10'55	7°38'44
max. Earth dist.	-3180 Aug 16 j 04:41	26°♑38'03	1.71459 AU	morning rise	-3177 Jan 23 j 02:35	2°♋37'49	
	-3180 Aug 18 j 20:57	0°♒			-3177 Jan 27 j 21:21	30°♋♊	
				direct	-3177 Feb 09 j 06:38	26°♋53'44	
superior conj	-3180 Aug 19 j 05:43	0°♒27'34	1°24'06	greatest brilliancy	-3177 Feb 20 j 02:36	29°♋02'43	-4.5m
minimum elong	-3180 Aug 19 j 05:17	0°♒26'12	1°24'12		-3177 Feb 22 j 10:36	0°♌	
	-3180 Sep 11 j 17:07	0°♍		morning max el	-3177 Mar 30 j 04:49	27°♌01'23	45°53'45
evening rise	-3180 Sep 27 j 21:49	20°♍22'56		desc. node	-3177 Apr 01 j 21:42	29°♌37'44	
	-3180 Oct 05 j 13:29	0°♎			-3177 Apr 02 j 06:51	0°♍	
desc. node	-3180 Oct 15 j 02:35	11°♎59'06			-3177 May 01 j 01:09	0°♍	
	-3180 Oct 29 j 11:43	0°♏			-3177 May 27 j 16:37	0°♎	
	-3180 Nov 22 j 13:00	0°♐			-3177 Jun 22 j 06:51	0°♏	
	-3180 Dec 16 j 19:00	0°♑			-3177 Jul 17 j 04:05	0°♐	
	-3179 Jan 10 j 09:10	0°♒		asc. node	-3177 Jul 23 j 20:38	8°♐10'58	
	-3179 Feb 04 j 14:05	0°♋		greatest brilliancy	-3177 Aug 06 j 21:35	25°♐29'44	-3.9m
asc. node	-3179 Feb 05 j 00:16	0°♋29'46			-3177 Aug 10 j 12:41	0°♑	
	-3179 Mar 02 j 22:27	0°♌			-3177 Sep 03 j 12:32	0°♒	
	-3179 Mar 31 j 20:05	0°♍		morning set	-3177 Sep 23 j 22:16	25°♒42'52	
evening max el	-3179 Apr 01 j 05:41	0°♍22'54	45°09'13		-3177 Sep 27 j 07:45	0°♎	
greatest brilliancy	-3179 May 06 j 03:13	26°♍29'23	-4.5m		-3177 Oct 21 j 02:02	0°♏	
retrograde	-3179 May 19 j 12:41	29°♍36'41					
desc. node	-3179 May 27 j 18:54	28°♍16'29		superior conj	-3177 Nov 03 j 22:27	17°♍27'11	0°20'11
evening set	-3179 Jun 03 j 11:06	25°♍22'29		minimum elong	-3177 Nov 04 j 03:51	17°♍44'09	0°19'54
inferior conj	-3179 Jun 09 j 21:01	21°♍37'22	-3°00'-33	max. Earth dist.	-3177 Nov 07 j 17:54	22°♍14'52	1.71037 AU
minimum elong	-3179 Jun 09 j 14:37	21°♍47'10	2°58'42	desc. node	-3177 Nov 12 j 14:49	28°♍22'28	
min. Earth dist.	-3179 Jun 10 j 07:20	21°♍21'31	0.28517 AU		-3177 Nov 13 j 21:52	0°♎	
morning rise	-3179 Jun 15 j 17:29	18°♍08'29			-3177 Dec 07 j 20:21	0°♏	
direct	-3179 Jul 01 j 11:01	13°♍25'07		evening rise	-3177 Dec 16 j 07:36	10°♏34'37	
greatest brilliancy	-3179 Jul 16 j 04:40	17°♍11'51	-4.5m		-3177 Dec 31 j 22:03	0°♑	
	-3179 Aug 04 j 03:21	0°♒			-3176 Jan 25 j 03:53	0°♒	
morning max el	-3179 Aug 20 j 08:12	14°♒53'08	46°28'43		-3176 Feb 18 j 15:47	0°♋	
	-3179 Sep 03 j 20:49	0°♓		asc. node	-3176 Mar 04 j 12:22	17°♋59'14	
asc. node	-3179 Sep 17 j 17:59	15°♓26'28			-3176 Mar 14 j 12:36	0°♌	
	-3179 Sep 30 j 07:28	0°♑			-3176 Apr 08 j 22:28	0°♏	
	-3179 Oct 25 j 07:18	0°♎			-3176 May 05 j 04:53	0°♐	
	-3179 Nov 18 j 17:15	0°♏			-3176 Jun 02 j 03:51	0°♑	
	-3179 Dec 12 j 23:10	0°♉		evening max el	-3176 Jun 12 j 03:22	9°♑53'14	45°50'53
	-3178 Jan 06 j 05:30	0°♊		desc. node	-3176 Jun 24 j 06:34	20°♑55'47	
desc. node	-3178 Jan 07 j 12:44	1°♊36'25			-3176 Jul 05 j 20:51	0°♒	
	-3178 Jan 30 j 13:30	0°♋		greatest brilliancy	-3176 Jul 20 j 17:07	8°♒07'58	-4.6m
	-3178 Feb 23 j 22:56	0°♌		retrograde	-3176 Jul 31 j 08:56	10°♒09'52	
morning set	-3178 Feb 25 j 01:58	1°♌23'04		evening set	-3176 Aug 18 j 07:39	4°♒11'42	
	-3178 Mar 20 j 09:12	0°♍		inferior conj	-3176 Aug 21 j 05:19	2°♒27'05	-8°-55'-47
				minimum elong	-3176 Aug 21 j 05:38	2°♒26'35	8°55'43
superior conj	-3178 Apr 03 j 05:42	17°♍00'22	0°-57'-52	min. Earth dist.	-3176 Aug 21 j 16:24	2°♒10'15	0.27258 AU
minimum elong	-3178 Apr 03 j 14:27	17°♍27'14	0°57'35	morning rise	-3176 Aug 24 j 03:31	0°♒41'30	
max. Earth dist.	-3178 Apr 02 j 23:43	16°♍42'03	1.73688 AU		-3176 Aug 25 j 08:01	30°♒♑	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3176 Sep 11 j 01:54	24° \mathfrak{G} 39'15		asc. node	-3173 Apr 02 j 00:41	4° Υ 14'51	
greatest brilliancy	-3176 Sep 24 j 14:03	28° \mathfrak{G} 00'42	-4.7m		-3173 Apr 23 j 04:57	0° \mathfrak{B}	
	-3176 Sep 28 j 09:51	0° \mathfrak{Q}			-3173 May 18 j 01:43	0° \mathfrak{H}	
asc. node	-3176 Oct 15 j 05:33	12° \mathfrak{Q} 20'21			-3173 Jun 12 j 05:30	0° \mathfrak{G}	
morning max el	-3176 Oct 31 j 21:49	28° \mathfrak{Q} 15'53	46°53'14		-3173 Jul 07 j 20:57	0° \mathfrak{Q}	
	-3176 Nov 02 j 14:13	0° \mathfrak{M}		desc. node	-3173 Jul 22 j 18:15	16° \mathfrak{Q} 58'56	
	-3176 Nov 29 j 20:10	0° \mathfrak{A}			-3173 Aug 03 j 11:14	0° \mathfrak{M}	
	-3176 Dec 25 j 11:25	0° \mathfrak{M}		evening max el	-3173 Aug 25 j 19:47	23° \mathfrak{M} 30'13	47°15'22
	-3175 Jan 19 j 14:05	0° \mathfrak{A}			-3173 Sep 01 j 12:07	0° \mathfrak{A}	
desc. node	-3175 Feb 04 j 00:32	18° \mathfrak{A} 34'03		greatest brilliancy	-3173 Oct 04 j 05:13	23° \mathfrak{A} 56'44	-4.7m
	-3175 Feb 13 j 12:10	0° \mathfrak{B}		retrograde	-3173 Oct 15 j 09:43	26° \mathfrak{A} 18'17	
	-3175 Mar 10 j 07:49	0° \mathfrak{A}		evening set	-3173 Oct 30 j 03:24	21° \mathfrak{A} 59'46	
	-3175 Apr 04 j 01:12	0° \mathfrak{H}		inferior conj	-3173 Nov 04 j 23:36	18° \mathfrak{A} 32'57	-1°-58'-49
	-3175 Apr 28 j 15:54	0° Υ		minimum elong	-3173 Nov 05 j 04:00	18° \mathfrak{A} 26'12	1°57'28
morning set	-3175 May 04 j 03:35	6° Υ 42'40		min. Earth dist.	-3173 Nov 04 j 17:34	18° \mathfrak{A} 42'12	0.26378 AU
	-3175 May 23 j 03:13	0° \mathfrak{B}		morning rise	-3173 Nov 11 j 04:46	14° \mathfrak{A} 54'39	
asc. node	-3175 May 27 j 22:53	5° \mathfrak{B} 55'54		asc. node	-3173 Nov 12 j 17:05	14° \mathfrak{A} 08'19	
max. Earth dist.	-3175 Jun 05 j 06:14	16° \mathfrak{B} 10'18	1.73179 AU	direct	-3173 Nov 25 j 04:21	10° \mathfrak{A} 57'40	
				greatest brilliancy	-3173 Dec 06 j 19:05	13° \mathfrak{A} 29'08	-4.7m
superior conj	-3175 Jun 09 j 01:42	20° \mathfrak{B} 52'40	0°28'02		-3173 Dec 31 j 01:21	0° \mathfrak{M}	
minimum elong	-3175 Jun 08 j 20:26	20° \mathfrak{B} 36'22	0°27'52	morning max el	-3172 Jan 14 j 04:52	13° \mathfrak{M} 15'53	46°30'22
	-3175 Jun 16 j 10:46	0° \mathfrak{H}			-3172 Jan 30 j 09:00	0° \mathfrak{A}	
	-3175 Jul 10 j 14:50	0° \mathfrak{G}			-3172 Feb 26 j 11:45	0° \mathfrak{B}	
evening rise	-3175 Jul 14 j 22:33	5° \mathfrak{G} 22'39		desc. node	-3172 Mar 03 j 12:17	6° \mathfrak{B} 51'35	
	-3175 Aug 03 j 16:46	0° \mathfrak{Q}			-3172 Mar 23 j 12:50	0° \mathfrak{A}	
	-3175 Aug 27 j 18:29	0° \mathfrak{M}			-3172 Apr 18 j 00:28	0° \mathfrak{H}	
desc. node	-3175 Sep 16 j 16:27	24° \mathfrak{M} 45'24			-3172 May 13 j 02:35	0° Υ	
	-3175 Sep 20 j 21:53	0° \mathfrak{A}			-3172 Jun 06 j 20:24	0° \mathfrak{B}	
	-3175 Oct 15 j 04:46	0° \mathfrak{M}		asc. node	-3172 Jun 24 j 10:49	21° \mathfrak{B} 35'16	
	-3175 Nov 08 j 17:50	0° \mathfrak{A}			-3172 Jul 01 j 06:25	0° \mathfrak{H}	
	-3175 Dec 03 j 19:26	0° \mathfrak{B}		morning set	-3172 Jul 10 j 12:37	11° \mathfrak{H} 28'09	
	-3175 Dec 30 j 01:25	0° \mathfrak{A}			-3172 Jul 25 j 09:40	0° \mathfrak{G}	
asc. node	-3174 Jan 07 j 14:26	9° \mathfrak{A} 13'20		max. Earth dist.	-3172 Aug 13 j 17:36	24° \mathfrak{G} 12'47	1.71514 AU
evening max el	-3174 Jan 18 j 03:42	20° \mathfrak{A} 03'33	45°58'29				
	-3174 Jan 28 j 15:31	0° \mathfrak{H}		superior conj	-3172 Aug 16 j 20:24	28° \mathfrak{G} 07'45	1°23'56
greatest brilliancy	-3174 Feb 21 j 15:08	17° \mathfrak{H} 20'16	-4.5m	minimum elong	-3172 Aug 16 j 19:09	28° \mathfrak{G} 03'49	1°24'02
retrograde	-3174 Mar 08 j 10:34	21° \mathfrak{H} 12'45			-3172 Aug 18 j 08:08	0° \mathfrak{Q}	
evening set	-3174 Mar 25 j 05:14	15° \mathfrak{H} 48'38			-3172 Sep 11 j 04:25	0° \mathfrak{M}	
inferior conj	-3174 Mar 29 j 21:49	12° \mathfrak{H} 54'03	6°11'02	evening rise	-3172 Sep 25 j 08:11	17° \mathfrak{M} 48'55	
minimum elong	-3174 Mar 30 j 06:47	12° \mathfrak{H} 39'47	6°09'19		-3172 Oct 05 j 00:54	0° \mathfrak{A}	
min. Earth dist.	-3174 Mar 30 j 07:57	12° \mathfrak{H} 37'56	0.29275 AU	desc. node	-3172 Oct 14 j 04:46	11° \mathfrak{A} 29'56	
morning rise	-3174 Apr 04 j 08:21	9° \mathfrak{H} 32'53			-3172 Oct 28 j 23:16	0° \mathfrak{M}	
direct	-3174 Apr 20 j 15:30	4° \mathfrak{H} 28'56			-3172 Nov 22 j 00:44	0° \mathfrak{A}	
desc. node	-3174 Apr 29 j 09:17	5° \mathfrak{H} 52'03			-3172 Dec 16 j 07:01	0° \mathfrak{B}	
greatest brilliancy	-3174 May 03 j 22:14	7° \mathfrak{H} 33'40	-4.5m		-3171 Jan 09 j 21:41	0° \mathfrak{A}	
	-3174 Jun 03 j 22:12	0° Υ		asc. node	-3171 Feb 04 j 02:20	29° \mathfrak{A} 56'18	
morning max el	-3174 Jun 08 j 12:49	4° Υ 19'47	45°52'48		-3171 Feb 04 j 03:36	0° \mathfrak{H}	
	-3174 Jul 03 j 11:22	0° \mathfrak{B}			-3171 Mar 02 j 14:17	0° Υ	
	-3174 Jul 30 j 00:35	0° \mathfrak{H}		evening max el	-3171 Mar 29 j 22:00	28° Υ 13'36	45°09'35
asc. node	-3174 Aug 20 j 08:28	25° \mathfrak{H} 19'43			-3171 Mar 31 j 19:01	0° \mathfrak{B}	
	-3174 Aug 24 j 05:09	0° \mathfrak{G}		greatest brilliancy	-3171 May 03 j 15:53	24° \mathfrak{B} 15'50	-4.5m
	-3174 Sep 17 j 15:12	0° \mathfrak{Q}		retrograde	-3171 May 17 j 04:45	27° \mathfrak{B} 26'14	
	-3174 Oct 11 j 15:29	0° \mathfrak{M}		desc. node	-3171 May 26 j 20:54	25° \mathfrak{B} 36'14	
	-3174 Nov 04 j 12:17	0° \mathfrak{A}		evening set	-3171 Jun 01 j 02:05	23° \mathfrak{B} 12'35	
	-3174 Nov 28 j 09:39	0° \mathfrak{M}		inferior conj	-3171 Jun 07 j 12:42	19° \mathfrak{B} 26'06	-2°-41'-18
morning set	-3174 Dec 09 j 22:42	14° \mathfrak{M} 27'22		minimum elong	-3171 Jun 07 j 06:56	19° \mathfrak{B} 34'57	2°39'37
desc. node	-3174 Dec 10 j 02:46	14° \mathfrak{M} 40'04		min. Earth dist.	-3171 Jun 07 j 22:56	19° \mathfrak{B} 10'22	0.28555 AU
	-3174 Dec 22 j 09:24	0° \mathfrak{A}		morning rise	-3171 Jun 13 j 11:12	15° \mathfrak{B} 54'29	
	-3173 Jan 15 j 11:55	0° \mathfrak{B}		direct	-3171 Jun 29 j 03:37	11° \mathfrak{B} 13'15	
				greatest brilliancy	-3171 Jul 13 j 20:50	15° \mathfrak{B} 00'01	-4.5m
superior conj	-3173 Jan 20 j 08:48	6° \mathfrak{B} 02'33	-1°-16'-35		-3171 Aug 04 j 10:21	0° \mathfrak{H}	
minimum elong	-3173 Jan 20 j 00:40	5° \mathfrak{B} 37'19	1°16'33	morning max el	-3171 Aug 18 j 00:30	12° \mathfrak{H} 39'27	46°27'10
max. Earth dist.	-3173 Jan 24 j 05:41	10° \mathfrak{B} 50'26	1.72507 AU		-3171 Sep 03 j 14:51	0° \mathfrak{G}	
	-3173 Feb 08 j 17:12	0° \mathfrak{A}		asc. node	-3171 Sep 16 j 20:13	14° \mathfrak{G} 47'22	
evening rise	-3173 Feb 28 j 05:51	24° \mathfrak{A} 04'32			-3171 Sep 29 j 22:12	0° \mathfrak{Q}	
	-3173 Mar 05 j 01:28	0° \mathfrak{H}			-3171 Oct 24 j 20:36	0° \mathfrak{M}	
	-3173 Mar 29 j 13:11	0° Υ			-3171 Nov 18 j 05:47	0° \mathfrak{A}	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3171 Dec 12 j 11:11	0°♌	evening max el	-3168 Jun 09 j 16:54	7°♊34'05	45°48'11
	-3170 Jan 05 j 17:09	0°♌	desc. node	-3168 Jun 23 j 08:38	19°♊53'26	
desc. node	-3170 Jan 06 j 14:47	1°♌06'51		-3168 Jul 06 j 22:34	0°♌	
	-3170 Jan 30 j 00:52	0°♌	greatest brilliancy	-3168 Jul 18 j 05:19	5°♌45'25	-4.6m
morning set	-3170 Feb 22 j 17:18	29°♌08'28	retrograde	-3168 Jul 28 j 20:53	7°♌47'20	
	-3170 Feb 23 j 10:04	0°♌	evening set	-3168 Aug 15 j 19:28	1°♌51'06	
	-3170 Mar 19 j 20:10	0°♌	inferior conj	-3168 Aug 18 j 18:28	0°♌04'26	-8°-55'-6
			minimum elong	-3168 Aug 18 j 17:51	0°♌05'22	8°55'01
superior conj	-3170 Mar 31 j 23:37	14°♌54'31		-3168 Aug 18 j 21:24	30°♌	
minimum elong	-3170 Apr 01 j 08:26	15°♌21'33	min. Earth dist.	-3168 Aug 19 j 05:37	29°♌47'30	0.27306 AU
max. Earth dist.	-3170 Mar 31 j 22:40	14°♌51'37	morning rise	-3168 Aug 21 j 16:07	28°♌19'29	
	-3170 Apr 13 j 06:42	0°♌	direct	-3168 Sep 08 j 15:22	22°♌15'47	
asc. node	-3170 Apr 29 j 12:51	19°♌57'08	greatest brilliancy	-3168 Sep 22 j 04:58	25°♌37'54	-4.7m
evening rise	-3170 May 07 j 04:46	29°♌21'37		-3168 Sep 29 j 21:51	0°♌	
	-3170 May 07 j 17:16	0°♌	asc. node	-3168 Oct 14 j 07:40	11°♌15'10	
	-3170 Jun 01 j 03:39	0°♌	morning max el	-3168 Oct 29 j 10:12	25°♌46'56	46°53'03
	-3170 Jun 25 j 14:13	0°♌		-3168 Nov 02 j 11:41	0°♌	
	-3170 Jul 20 j 02:14	0°♌		-3168 Nov 29 j 12:15	0°♌	
	-3170 Aug 13 j 17:58	0°♌		-3168 Dec 25 j 01:21	0°♌	
desc. node	-3170 Aug 19 j 06:23	6°♌40'15		-3167 Jan 19 j 02:51	0°♌	
	-3170 Sep 07 j 16:51	0°♌	desc. node	-3167 Feb 03 j 02:41	18°♌03'37	
	-3170 Oct 03 j 05:42	0°♌		-3167 Feb 13 j 00:09	0°♌	
evening max el	-3170 Oct 30 j 03:30	0°♌		-3167 Mar 09 j 19:16	0°♌	
	-3170 Nov 05 j 20:50	7°♌01'15		-3167 Apr 03 j 12:17	0°♌	
	-3170 Dec 01 j 04:47	0°♌		-3167 Apr 28 j 02:45	0°♌	
asc. node	-3170 Dec 10 j 04:45	5°♌54'53	morning set	-3167 May 01 j 22:22	4°♌40'11	
greatest brilliancy	-3170 Dec 12 j 20:26	7°♌18'12		-3167 May 22 j 13:58	0°♌	
retrograde	-3170 Dec 26 j 22:30	10°♌59'02	asc. node	-3167 May 27 j 00:53	5°♌29'00	
evening set	-3169 Jan 12 j 11:32	5°♌29'30	max. Earth dist.	-3167 Jun 03 j 01:40	14°♌09'04	1.73225 AU
min. Earth dist.	-3169 Jan 15 j 22:58	3°♌19'53				
inferior conj	-3169 Jan 16 j 23:08	2°♌41'28	superior conj	-3167 Jun 06 j 20:25	18°♌49'03	0°25'06
minimum elong	-3169 Jan 16 j 15:25	2°♌53'45	minimum elong	-3167 Jun 06 j 15:38	18°♌34'18	0°24'58
morning rise	-3169 Jan 20 j 19:50	0°♌17'07		-3167 Jun 15 j 21:32	0°♌	
	-3169 Jan 21 j 07:20	30°♌		-3167 Jul 10 j 01:43	0°♌	
direct	-3169 Feb 06 j 21:38	24°♌37'22	evening rise	-3167 Jul 12 j 16:14	3°♌14'22	
greatest brilliancy	-3169 Feb 17 j 14:33	26°♌43'57		-3167 Aug 03 j 03:50	0°♌	
	-3169 Feb 24 j 14:14	0°♌		-3167 Aug 27 j 05:49	0°♌	
morning max el	-3169 Mar 27 j 20:15	24°♌48'55	desc. node	-3167 Sep 15 j 18:39	24°♌16'16	
desc. node	-3169 Mar 31 j 23:57	28°♌50'28		-3167 Sep 20 j 09:33	0°♌	
	-3169 Apr 02 j 04:10	0°♌		-3167 Oct 14 j 16:52	0°♌	
	-3169 Apr 30 j 16:35	0°♌		-3167 Nov 08 j 06:37	0°♌	
	-3169 May 27 j 05:50	0°♌		-3167 Dec 03 j 09:28	0°♌	
	-3169 Jun 21 j 18:59	0°♌		-3167 Dec 29 j 18:19	0°♌	
asc. node	-3169 Jul 16 j 15:39	0°♌	asc. node	-3166 Jan 06 j 16:34	8°♌30'03	
	-3169 Jul 22 j 22:47	7°♌42'25	evening max el	-3166 Jan 15 j 18:00	17°♌46'41	46°01'13
	-3169 Aug 09 j 23:57	0°♌		-3166 Jan 28 j 18:58	0°♌	
greatest brilliancy	-3169 Aug 14 j 19:25	5°♌59'23	greatest brilliancy	-3166 Feb 19 j 07:13	15°♌11'06	-4.5m
	-3169 Sep 02 j 23:40	0°♌	retrograde	-3166 Mar 06 j 03:13	19°♌05'29	
morning set	-3169 Sep 21 j 10:36	23°♌15'16	evening set	-3166 Mar 23 j 00:36	13°♌37'14	
	-3169 Sep 26 j 18:51	0°♌	inferior conj	-3166 Mar 27 j 14:47	10°♌46'19	6°23'22
	-3169 Oct 20 j 13:11	0°♌	minimum elong	-3166 Mar 27 j 23:40	10°♌32'11	6°21'44
			min. Earth dist.	-3166 Mar 28 j 00:35	10°♌30'44	0.29277 AU
superior conj	-3169 Nov 01 j 07:32	14°♌49'31	morning rise	-3166 Apr 01 j 22:40	7°♌28'48	
minimum elong	-3169 Nov 01 j 13:52	15°♌09'26	direct	-3166 Apr 18 j 07:33	2°♌21'03	
max. Earth dist.	-3169 Nov 05 j 00:29	19°♌29'26	desc. node	-3166 Apr 28 j 11:17	4°♌11'45	
desc. node	-3169 Nov 11 j 16:51	27°♌53'40	greatest brilliancy	-3166 May 01 j 13:40	5°♌24'41	-4.5m
	-3169 Nov 13 j 09:03	0°♌		-3166 Jun 03 j 21:53	0°♌	
	-3169 Dec 07 j 07:34	0°♌	morning max el	-3166 Jun 06 j 04:35	2°♌09'34	45°52'11
evening rise	-3169 Dec 13 j 17:29	8°♌00'42		-3166 Jul 03 j 03:20	0°♌	
	-3169 Dec 31 j 09:16	0°♌		-3166 Jul 29 j 14:03	0°♌	
	-3168 Jan 24 j 15:11	0°♌	asc. node	-3166 Aug 19 j 10:39	24°♌48'40	
	-3168 Feb 18 j 03:19	0°♌		-3166 Aug 23 j 17:29	0°♌	
asc. node	-3168 Mar 03 j 14:36	17°♌30'25		-3166 Sep 17 j 02:57	0°♌	
	-3168 Mar 14 j 00:40	0°♌		-3166 Oct 11 j 02:55	0°♌	
	-3168 Apr 08 j 11:34	0°♌		-3166 Nov 03 j 23:31	0°♌	
	-3168 May 04 j 20:04	0°♌		-3166 Nov 27 j 20:43	0°♌	
	-3168 Jun 02 j 00:13	0°♌	morning set	-3166 Dec 07 j 08:46	11°♌54'11	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3166 Dec 09 j 04:52	14° \mathbb{M} 12'08		min. Earth dist.	-3163 Jun 05 j 14:31	16° \mathbb{C} 59'12	0.28591 AU
	-3166 Dec 21 j 20:21	0° \mathbb{X}		morning rise	-3163 Jun 11 j 04:37	13° \mathbb{C} 40'38	
	-3165 Jan 14 j 22:47	0° \mathbb{C}		direct	-3163 Jun 26 j 20:13	9° \mathbb{C} 01'39	
				greatest brilliancy	-3163 Jul 11 j 11:57	12° \mathbb{C} 47'04	-4.5m
superior conj	-3165 Jan 17 j 21:34	3° \mathbb{C} 39'38	-1°-15'-1		-3163 Aug 04 j 15:04	0° \mathbb{II}	
minimum elong	-3165 Jan 17 j 12:48	3° \mathbb{C} 12'26	1°14'58	morning max el	-3163 Aug 15 j 15:55	10° \mathbb{II} 24'17	46°25'43
max. Earth dist.	-3165 Jan 21 j 18:11	8° \mathbb{C} 26'51	1.72453 AU		-3163 Sep 03 j 08:16	0° \mathbb{C}	
	-3165 Feb 08 j 04:02	0° \mathbb{M}		asc. node	-3163 Sep 15 j 22:21	14° \mathbb{C} 09'04	
evening rise	-3165 Feb 25 j 21:25	21° \mathbb{M} 51'26			-3163 Sep 29 j 12:30	0° \mathbb{Q}	
	-3165 Mar 04 j 12:19	0° \mathbb{X}			-3163 Oct 24 j 09:33	0° \mathbb{M}	
	-3165 Mar 29 j 00:09	0° \mathbb{Y}			-3163 Nov 17 j 17:59	0° \mathbb{Q}	
asc. node	-3165 Apr 01 j 02:44	3° \mathbb{Y} 47'32			-3163 Dec 11 j 22:55	0° \mathbb{M}	
	-3165 Apr 22 j 16:13	0° \mathbb{C}			-3162 Jan 05 j 04:32	0° \mathbb{X}	
	-3165 May 17 j 13:33	0° \mathbb{II}		desc. node	-3162 Jan 05 j 16:57	0° \mathbb{X} 38'24	
	-3165 Jun 11 j 18:17	0° \mathbb{C}			-3162 Jan 29 j 11:57	0° \mathbb{C}	
desc. node	-3165 Jul 07 j 11:24	0° \mathbb{Q}		morning set	-3162 Feb 20 j 08:45	26° \mathbb{C} 55'05	
	-3165 Jul 21 j 20:25	16° \mathbb{Q} 20'17			-3162 Feb 22 j 20:54	0° \mathbb{M}	
	-3165 Aug 03 j 04:59	0° \mathbb{M}			-3162 Mar 19 j 06:52	0° \mathbb{X}	
evening max el	-3165 Aug 23 j 08:47	21° \mathbb{M} 04'46	47°13'15				
	-3165 Sep 01 j 15:39	0° \mathbb{Q}		superior conj	-3162 Mar 29 j 17:38	12° \mathbb{X} 49'42	-1°-2'-14
greatest brilliancy	-3165 Oct 01 j 19:17	21° \mathbb{Q} 28'38	-4.7m	minimum elong	-3162 Mar 30 j 02:27	13° \mathbb{X} 16'46	1°02'01
retrograde	-3165 Oct 12 j 22:20	23° \mathbb{Q} 48'49		max. Earth dist.	-3162 Mar 29 j 22:33	13° \mathbb{X} 04'47	1.73659 AU
evening set	-3165 Oct 27 j 17:35	19° \mathbb{Q} 27'42			-3162 Apr 12 j 17:22	0° \mathbb{Y}	
inferior conj	-3165 Nov 02 j 11:52	16° \mathbb{Q} 04'05	-2°-22'-38	asc. node	-3162 Apr 28 j 14:53	19° \mathbb{Y} 30'28	
minimum elong	-3165 Nov 02 j 17:07	15° \mathbb{Q} 56'04	2°21'01	evening rise	-3162 May 05 j 00:10	27° \mathbb{Y} 20'48	
min. Earth dist.	-3165 Nov 02 j 07:14	16° \mathbb{Q} 11'11	0.26365 AU		-3162 May 07 j 04:02	0° \mathbb{C}	
morning rise	-3165 Nov 08 j 16:47	12° \mathbb{Q} 26'42			-3162 May 31 j 14:39	0° \mathbb{II}	
asc. node	-3165 Nov 11 j 19:06	10° \mathbb{Q} 56'14			-3162 Jun 25 j 01:34	0° \mathbb{C}	
direct	-3165 Nov 22 j 16:37	8° \mathbb{Q} 28'52			-3162 Jul 19 j 14:05	0° \mathbb{Q}	
greatest brilliancy	-3165 Dec 04 j 09:30	11° \mathbb{Q} 03'13	-4.7m		-3162 Aug 13 j 06:32	0° \mathbb{M}	
	-3165 Dec 31 j 07:47	0° \mathbb{M}		desc. node	-3162 Aug 18 j 08:32	6° \mathbb{M} 08'10	
morning max el	-3164 Jan 11 j 19:15	10° \mathbb{M} 55'17	46°31'47		-3162 Sep 07 j 06:33	0° \mathbb{Q}	
	-3164 Jan 30 j 03:03	0° \mathbb{X}			-3162 Oct 02 j 21:22	0° \mathbb{M}	
	-3164 Feb 26 j 02:12	0° \mathbb{C}			-3162 Oct 29 j 23:47	0° \mathbb{X}	
desc. node	-3164 Mar 02 j 14:31	6° \mathbb{C} 18'00		evening max el	-3162 Nov 03 j 13:00	4° \mathbb{X} 43'26	47°23'06
	-3164 Mar 23 j 01:36	0° \mathbb{M}			-3162 Dec 02 j 01:57	0° \mathbb{C}	
	-3164 Apr 17 j 12:19	0° \mathbb{X}		asc. node	-3162 Dec 09 j 07:00	4° \mathbb{C} 23'05	
	-3164 May 12 j 13:53	0° \mathbb{Y}		greatest brilliancy	-3162 Dec 10 j 15:00	5° \mathbb{C} 03'22	-4.6m
	-3164 Jun 06 j 07:22	0° \mathbb{C}		retrograde	-3162 Dec 24 j 14:23	8° \mathbb{C} 40'35	
asc. node	-3164 Jun 23 j 12:59	21° \mathbb{C} 08'30		evening set	-3161 Jan 09 j 23:59	3° \mathbb{C} 16'30	
	-3164 Jun 30 j 17:14	0° \mathbb{II}		min. Earth dist.	-3161 Jan 13 j 13:35	1° \mathbb{C} 03'36	0.28032 AU
morning set	-3164 Jul 08 j 05:28	9° \mathbb{II} 18'02		inferior conj	-3161 Jan 14 j 14:26	0° \mathbb{C} 24'03	7°21'44
	-3164 Jul 24 j 20:27	0° \mathbb{C}		minimum elong	-3161 Jan 14 j 06:18	0° \mathbb{C} 37'00	7°20'27
max. Earth dist.	-3164 Aug 11 j 05:53	21° \mathbb{C} 46'41	1.71567 AU		-3161 Jan 15 j 05:34	30° \mathbb{R} \mathbb{X}	
				morning rise	-3161 Jan 18 j 13:10	27° \mathbb{X} 56'34	
superior conj	-3164 Aug 14 j 11:08	25° \mathbb{C} 49'11	1°23'38	direct	-3161 Feb 04 j 12:24	22° \mathbb{X} 21'29	
minimum elong	-3164 Aug 14 j 09:05	25° \mathbb{C} 42'43	1°23'43	greatest brilliancy	-3161 Feb 15 j 03:03	24° \mathbb{X} 25'59	-4.5m
	-3164 Aug 17 j 19:00	0° \mathbb{Q}			-3161 Feb 26 j 00:00	0° \mathbb{C}	
	-3164 Sep 10 j 15:23	0° \mathbb{M}		morning max el	-3161 Mar 25 j 10:47	22° \mathbb{C} 34'44	45°55'16
evening rise	-3164 Sep 22 j 18:44	15° \mathbb{M} 16'24		desc. node	-3161 Mar 31 j 01:55	28° \mathbb{C} 03'52	
	-3164 Oct 04 j 12:01	0° \mathbb{Q}			-3161 Apr 02 j 00:32	0° \mathbb{M}	
desc. node	-3164 Oct 13 j 06:46	11° \mathbb{Q} 01'08			-3161 Apr 30 j 07:38	0° \mathbb{X}	
	-3164 Oct 28 j 10:32	0° \mathbb{M}			-3161 May 26 j 18:50	0° \mathbb{Y}	
	-3164 Nov 21 j 12:10	0° \mathbb{X}			-3161 Jun 21 j 07:00	0° \mathbb{C}	
	-3164 Dec 15 j 18:42	0° \mathbb{C}			-3161 Jul 16 j 03:10	0° \mathbb{II}	
	-3163 Jan 09 j 09:52	0° \mathbb{M}		asc. node	-3161 Jul 22 j 00:58	7° \mathbb{II} 14'04	
asc. node	-3163 Feb 03 j 04:33	29° \mathbb{M} 24'16			-3161 Aug 09 j 11:13	0° \mathbb{C}	
	-3163 Feb 03 j 16:50	0° \mathbb{X}		greatest brilliancy	-3161 Aug 17 j 21:52	10° \mathbb{C} 31'29	-3.9m
	-3163 Mar 02 j 06:01	0° \mathbb{Y}			-3161 Sep 02 j 10:48	0° \mathbb{Q}	
evening max el	-3163 Mar 27 j 14:35	26° \mathbb{Y} 05'42	45°09'45	morning set	-3161 Sep 18 j 22:46	20° \mathbb{Q} 47'09	
	-3163 Mar 31 j 18:41	0° \mathbb{C}			-3161 Sep 26 j 05:58	0° \mathbb{M}	
greatest brilliancy	-3163 May 01 j 05:42	22° \mathbb{C} 04'00	-4.5m		-3161 Oct 20 j 00:18	0° \mathbb{Q}	
retrograde	-3163 May 14 j 20:19	25° \mathbb{C} 15'47					
desc. node	-3163 May 25 j 23:02	22° \mathbb{C} 51'24		superior conj	-3161 Oct 29 j 16:35	12° \mathbb{Q} 11'57	0°27'54
evening set	-3163 May 29 j 17:07	21° \mathbb{C} 02'47		minimum elong	-3161 Oct 29 j 23:47	12° \mathbb{Q} 34'37	0°27'32
inferior conj	-3163 Jun 05 j 04:14	17° \mathbb{C} 15'01	-2°-21'-40	max. Earth dist.	-3161 Nov 02 j 04:36	16° \mathbb{Q} 36'23	1.70984 AU
minimum elong	-3163 Jun 04 j 23:07	17° \mathbb{C} 22'53	2°20'10	desc. node	-3161 Nov 10 j 18:54	27° \mathbb{Q} 25'09	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3161 Nov 12 j 20:11	0°♌			-3158 Jun 03 j 20:45	0°♍		
	-3161 Dec 06 j 18:43	0°♊		morning max el	-3158 Jun 03 j 21:21	0°♍01'25	45°51'42	
evening rise	-3161 Dec 11 j 03:14	5°♊26'29			-3158 Jul 02 j 19:13	0°♋		
	-3161 Dec 30 j 20:27	0°♎			-3158 Jul 29 j 03:34	0°♌		
	-3160 Jan 24 j 02:28	0°♏		asc. node	-3158 Aug 18 j 12:45	24°♌16'55		
	-3160 Feb 17 j 14:52	0°♏			-3158 Aug 23 j 05:57	0°♎		
asc. node	-3160 Mar 02 j 16:41	17°♏01'13			-3158 Sep 16 j 14:55	0°♏		
	-3160 Mar 13 j 12:44	0°♍			-3158 Oct 10 j 14:38	0°♎		
	-3160 Apr 08 j 00:42	0°♋			-3158 Nov 03 j 11:05	0°♎		
	-3160 May 04 j 11:25	0°♌			-3158 Nov 27 j 08:10	0°♌		
	-3160 Jun 01 j 21:17	0°♎		morning set	-3158 Dec 04 j 18:20	9°♌18'11		
evening max el	-3160 Jun 07 j 05:26	5°♎12'34	45°45'23	desc. node	-3158 Dec 08 j 07:04	13°♌43'23		
desc. node	-3160 Jun 22 j 10:48	18°♎49'25			-3158 Dec 21 j 07:39	0°♊		
	-3160 Jul 08 j 10:59	0°♏			-3157 Jan 14 j 09:59	0°♎		
greatest brilliancy	-3160 Jul 15 j 16:50	3°♏21'40	-4.6m					
retrograde	-3160 Jul 26 j 08:47	5°♏24'25		superior conj	-3157 Jan 15 j 09:45	1°♎13'48	-1°-13'-18	
	-3160 Aug 12 j 10:10	30°♏		minimum elong	-3157 Jan 15 j 00:24	0°♎44'45	1°13'12	
evening set	-3160 Aug 13 j 06:31	29°♎30'30		max. Earth dist.	-3157 Jan 19 j 06:08	6°♎00'27	1.72394 AU	
inferior conj	-3160 Aug 16 j 07:29	27°♎41'05	-8°-53'-17		-3157 Feb 07 j 15:10	0°♏		
minimum elong	-3160 Aug 16 j 05:55	27°♎43'28	8°53'11	evening rise	-3157 Feb 23 j 12:48	19°♏36'52		
min. Earth dist.	-3160 Aug 16 j 18:48	27°♎23'54	0.27359 AU		-3157 Mar 03 j 23:27	0°♏		
morning rise	-3160 Aug 19 j 05:09	25°♎56'05			-3157 Mar 28 j 11:25	0°♍		
direct	-3160 Sep 06 j 04:33	19°♎51'16		asc. node	-3157 Mar 31 j 04:49	3°♍19'23		
greatest brilliancy	-3160 Sep 19 j 21:09	23°♎16'00	-4.7m		-3157 Apr 22 j 03:48	0°♋		
	-3160 Sep 30 j 23:48	0°♏			-3157 May 17 j 01:43	0°♌		
asc. node	-3160 Oct 13 j 09:43	10°♏10'43			-3157 Jun 11 j 07:26	0°♎		
morning max el	-3160 Oct 26 j 22:45	23°♏17'42	46°53'01		-3157 Jul 07 j 02:16	0°♏		
	-3160 Nov 02 j 08:42	0°♎		desc. node	-3157 Jul 20 j 22:34	15°♏40'35		
	-3160 Nov 29 j 04:14	0°♎			-3157 Aug 02 j 23:23	0°♎		
	-3160 Dec 24 j 15:15	0°♌		evening max el	-3157 Aug 20 j 22:38	18°♎40'59	47°10'56	
	-3159 Jan 18 j 15:35	0°♊			-3157 Sep 01 j 21:17	0°♎		
desc. node	-3159 Feb 02 j 04:49	17°♊33'02		greatest brilliancy	-3157 Sep 29 j 08:18	18°♎58'37	-4.7m	
	-3159 Feb 12 j 12:08	0°♎		retrograde	-3157 Oct 10 j 11:09	21°♎18'06		
	-3159 Mar 09 j 06:45	0°♏		evening set	-3157 Oct 25 j 07:53	16°♎54'15		
	-3159 Apr 02 j 23:26	0°♏		inferior conj	-3157 Oct 31 j 00:02	13°♎33'44	-2°-46'-12	
	-3159 Apr 27 j 13:41	0°♍		minimum elong	-3157 Oct 31 j 06:06	13°♎24'30	2°44'22	
morning set	-3159 Apr 29 j 17:22	2°♍38'05		min. Earth dist.	-3157 Oct 30 j 20:28	13°♎39'12	0.26361 AU	
	-3159 May 22 j 00:49	0°♋		morning rise	-3157 Nov 06 j 04:28	9°♎57'35		
asc. node	-3159 May 26 j 03:07	5°♋02'28		asc. node	-3157 Nov 10 j 21:23	7°♎47'32		
max. Earth dist.	-3159 May 31 j 23:13	12°♋14'08	1.73270 AU	direct	-3157 Nov 20 j 05:24	5°♎58'43		
				greatest brilliancy	-3157 Dec 01 j 23:20	8°♎34'57	-4.7m	
superior conj	-3159 Jun 04 j 15:24	16°♋46'07	0°22'10		-3157 Dec 31 j 12:51	0°♌		
minimum elong	-3159 Jun 04 j 11:08	16°♋32'58	0°22'03	morning max el	-3156 Jan 09 j 09:57	8°♌33'45	46°33'05	
	-3159 Jun 15 j 08:23	0°♌			-3156 Jan 29 j 21:14	0°♊		
	-3159 Jul 09 j 12:43	0°♎			-3156 Feb 25 j 16:57	0°♎		
evening rise	-3159 Jul 10 j 10:15	1°♎06'57		desc. node	-3156 Mar 01 j 16:32	5°♎42'39		
	-3159 Aug 02 j 15:05	0°♏			-3156 Mar 22 j 14:42	0°♏		
	-3159 Aug 26 j 17:23	0°♎			-3156 Apr 17 j 00:29	0°♏		
desc. node	-3159 Sep 14 j 20:37	23°♎45'37			-3156 May 12 j 01:28	0°♍		
	-3159 Sep 19 j 21:31	0°♎			-3156 Jun 05 j 18:38	0°♋		
	-3159 Oct 14 j 05:18	0°♌		asc. node	-3156 Jun 22 j 15:08	20°♋40'43		
	-3159 Nov 07 j 19:44	0°♊			-3156 Jun 30 j 04:21	0°♌		
	-3159 Dec 02 j 23:53	0°♎		morning set	-3156 Jul 05 j 22:46	7°♌08'26		
	-3159 Dec 29 j 11:49	0°♏			-3156 Jul 24 j 07:34	0°♎		
asc. node	-3158 Jan 05 j 18:45	7°♏45'47		max. Earth dist.	-3156 Aug 08 j 16:45	19°♎15'22	1.71618 AU	
evening max el	-3158 Jan 13 j 08:34	15°♏29'51	46°04'14					
	-3158 Jan 29 j 00:29	0°♏		superior conj	-3156 Aug 12 j 02:32	23°♎31'54	1°23'11	
greatest brilliancy	-3158 Feb 16 j 22:49	13°♏00'58	-4.5m	minimum elong	-3156 Aug 11 j 23:44	23°♎23'05	1°23'16	
retrograde	-3158 Mar 03 j 20:29	16°♏58'02			-3156 Aug 17 j 06:09	0°♏		
evening set	-3158 Mar 20 j 20:02	11°♏25'26			-3156 Sep 10 j 02:38	0°♎		
inferior conj	-3158 Mar 25 j 07:49	8°♏38'10	6°35'08	evening rise	-3156 Sep 20 j 05:54	12°♎44'59		
minimum elong	-3158 Mar 25 j 16:34	8°♏24'17	6°33'37		-3156 Oct 03 j 23:24	0°♎		
min. Earth dist.	-3158 Mar 25 j 16:56	8°♏23'42	0.29277 AU	desc. node	-3156 Oct 12 j 08:53	10°♎31'51		
morning rise	-3158 Mar 30 j 13:03	5°♏24'39			-3156 Oct 27 j 22:06	0°♌		
direct	-3158 Apr 15 j 23:54	0°♏12'45			-3156 Nov 20 j 23:58	0°♊		
desc. node	-3158 Apr 27 j 13:26	2°♏34'42			-3156 Dec 15 j 06:50	0°♎		
greatest brilliancy	-3158 Apr 29 j 05:31	3°♏15'54	-4.5m		-3155 Jan 08 j 22:33	0°♏		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3155 Feb 02 j 06:37	28° \approx 50'14			-3153 Aug 08 j 22:37	0° \ominus		
	-3155 Feb 03 j 06:39	0° H		greatest brilliancy	-3153 Aug 19 j 12:35	13° \ominus 11'59	-3.9m	
	-3155 Mar 01 j 22:30	0° Υ			-3153 Sep 01 j 22:06	0° Ω		
evening max el	-3155 Mar 25 j 06:54	23° Υ 55'55	45°10'10	morning set	-3153 Sep 16 j 11:04	18° Ω 18'58		
	-3155 Mar 31 j 20:01	0° R			-3153 Sep 25 j 17:14	0° M		
greatest brilliancy	-3155 Apr 28 j 20:41	19° R 52'51	-4.5m		-3153 Oct 19 j 11:35	0° $\underline{\text{A}}$		
retrograde	-3155 May 12 j 11:38	23° R 04'54						
desc. node	-3155 May 25 j 01:13	20° R 02'04		superior conj	-3153 Oct 27 j 01:56	9° $\underline{\text{A}}$ 34'44	0°31'38	
evening set	-3155 May 27 j 08:34	18° R 52'23		minimum elong	-3153 Oct 27 j 09:57	9° $\underline{\text{A}}$ 59'59	0°31'15	
inferior conj	-3155 Jun 02 j 19:59	15° R 03'40	-2°-2'-8	max. Earth dist.	-3153 Oct 30 j 05:22	13° $\underline{\text{A}}$ 32'15	1.70958 AU	
minimum elong	-3155 Jun 02 j 15:33	15° R 10'30	2°00'48	desc. node	-3153 Nov 09 j 21:07	26° $\underline{\text{A}}$ 56'39		
min. Earth dist.	-3155 Jun 03 j 06:31	14° R 47'25	0.28624 AU		-3153 Nov 12 j 07:29	0° M		
morning rise	-3155 Jun 08 j 22:03	11° R 26'30			-3153 Dec 06 j 05:59	0° R		
direct	-3155 Jun 24 j 12:43	6° R 49'48		evening rise	-3153 Dec 08 j 13:09	2° R 52'21		
greatest brilliancy	-3155 Jul 09 j 02:42	10° R 32'58	-4.5m		-3153 Dec 30 j 07:44	0° R		
	-3155 Aug 04 j 18:25	0° II			-3152 Jan 23 j 13:52	0° \approx		
morning max el	-3155 Aug 13 j 06:40	8° II 06'43	46°24'21		-3152 Feb 17 j 02:33	0° H		
	-3155 Sep 03 j 01:37	0° \ominus		asc. node	-3152 Mar 01 j 18:44	16° H 31'27		
asc. node	-3155 Sep 15 j 00:22	13° \ominus 29'58			-3152 Mar 13 j 01:01	0° Υ		
	-3155 Sep 29 j 02:56	0° Ω			-3152 Apr 07 j 14:07	0° R		
	-3155 Oct 23 j 22:39	0° M			-3152 May 04 j 03:11	0° II		
	-3155 Nov 17 j 06:22	0° $\underline{\text{A}}$			-3152 Jun 01 j 19:17	0° \ominus		
	-3155 Dec 11 j 10:53	0° M		evening max el	-3152 Jun 04 j 18:05	2° \ominus 51'11	45°42'53	
desc. node	-3154 Jan 04 j 19:01	0° R 08'45		desc. node	-3152 Jun 21 j 12:54	17° \ominus 43'21		
	-3154 Jan 04 j 16:12	0° R			-3152 Jul 10 j 18:34	0° Ω		
	-3154 Jan 28 j 23:22	0° R		greatest brilliancy	-3152 Jul 13 j 03:29	0° Ω 57'20	-4.5m	
morning set	-3154 Feb 17 j 23:47	24° R 39'12		retrograde	-3152 Jul 23 j 21:26	3° Ω 02'13		
	-3154 Feb 22 j 08:07	0° \approx			-3152 Aug 05 j 10:17	30° R \ominus		
	-3154 Mar 18 j 17:55	0° H		evening set	-3152 Aug 10 j 17:19	27° \ominus 10'56		
				inferior conj	-3152 Aug 13 j 20:41	25° \ominus 18'12	-8°-50'-35	
superior conj	-3154 Mar 27 j 11:17	10° H 42'40	-1°-4'-19	minimum elong	-3152 Aug 13 j 18:11	25° \ominus 22'00	8°50'25	
minimum elong	-3154 Mar 27 j 20:04	11° H 09'36	1°04'06	min. Earth dist.	-3152 Aug 14 j 07:51	25° \ominus 01'16	0.27412 AU	
max. Earth dist.	-3154 Mar 27 j 20:43	11° H 11'39	1.73637 AU	morning rise	-3152 Aug 16 j 18:52	23° \ominus 32'35		
	-3154 Apr 12 j 04:23	0° Υ		direct	-3152 Sep 03 j 18:05	17° \ominus 27'14		
asc. node	-3154 Apr 27 j 17:06	19° Υ 03'23		greatest brilliancy	-3152 Sep 17 j 13:58	20° \ominus 55'27	-4.7m	
evening rise	-3154 May 02 j 19:15	25° Υ 18'08			-3152 Oct 01 j 18:52	0° Ω		
	-3154 May 06 j 15:07	0° R		asc. node	-3152 Oct 12 j 12:00	9° Ω 08'25		
	-3154 May 31 j 01:56	0° II		morning max el	-3152 Oct 24 j 12:18	20° Ω 51'08	46°52'53	
	-3154 Jun 24 j 13:12	0° \ominus			-3152 Nov 02 j 05:03	0° M		
	-3154 Jul 19 j 02:15	0° Ω			-3152 Nov 28 j 20:01	0° $\underline{\text{A}}$		
	-3154 Aug 12 j 19:28	0° M			-3152 Dec 24 j 05:03	0° M		
desc. node	-3154 Aug 17 j 10:32	5° M 34'43			-3151 Jan 18 j 04:15	0° R		
	-3154 Sep 06 j 20:38	0° $\underline{\text{A}}$		desc. node	-3151 Feb 01 j 06:52	17° R 02'16		
	-3154 Oct 02 j 13:30	0° M			-3151 Feb 12 j 00:05	0° R		
	-3154 Oct 29 j 20:55	0° R			-3151 Mar 08 j 18:12	0° \approx		
evening max el	-3154 Nov 01 j 04:12	2° R 22'32	47°24'39		-3151 Apr 02 j 10:34	0° H		
	-3154 Dec 03 j 07:25	0° R			-3151 Apr 27 j 00:38	0° Υ		
asc. node	-3154 Dec 08 j 09:05	2° R 47'14		morning set	-3151 Apr 27 j 12:16	0° Υ 35'34		
greatest brilliancy	-3154 Dec 08 j 09:34	2° R 47'49	-4.7m		-3151 May 21 j 11:41	0° R		
retrograde	-3154 Dec 22 j 05:41	6° R 21'27		asc. node	-3151 May 25 j 05:15	4° R 35'33		
evening set	-3153 Jan 07 j 12:25	1° R 02'48		max. Earth dist.	-3151 May 29 j 21:40	10° R 21'50	1.73313 AU	
	-3153 Jan 09 j 05:40	30° R R						
min. Earth dist.	-3153 Jan 11 j 04:34	28° R 46'09	0.27957 AU	superior conj	-3151 Jun 02 j 10:13	14° R 42'33	0°19'11	
inferior conj	-3153 Jan 12 j 05:46	28° R 06'03	7°11'39	minimum elong	-3151 Jun 02 j 06:30	14° R 31'05	0°19'05	
minimum elong	-3153 Jan 11 j 21:15	28° R 19'36	7°10'11		-3151 Jun 14 j 19:17	0° II		
morning rise	-3153 Jan 16 j 06:40	25° R 35'12		evening rise	-3151 Jul 08 j 04:13	28° II 59'21		
direct	-3153 Feb 02 j 02:50	20° R 04'50			-3151 Jul 08 j 23:44	0° \ominus		
greatest brilliancy	-3153 Feb 12 j 16:47	22° R 08'26	-4.5m		-3151 Aug 02 j 02:20	0° Ω		
	-3153 Feb 27 j 00:31	0° R			-3151 Aug 26 j 04:56	0° M		
morning max el	-3153 Mar 23 j 00:38	20° R 17'47	45°56'02	desc. node	-3151 Sep 13 j 22:46	23° M 15'37		
desc. node	-3153 Mar 30 j 04:05	27° R 17'33			-3151 Sep 19 j 09:27	0° $\underline{\text{A}}$		
	-3153 Apr 01 j 20:37	0° \approx			-3151 Oct 13 j 17:44	0° M		
	-3153 Apr 29 j 22:48	0° H			-3151 Nov 07 j 08:55	0° R		
	-3153 May 26 j 08:01	0° Υ			-3151 Dec 02 j 14:27	0° R		
	-3153 Jun 20 j 19:12	0° R			-3151 Dec 29 j 05:39	0° \approx		
	-3153 Jul 15 j 14:51	0° II		asc. node	-3150 Jan 04 j 20:51	7° \approx 00'48		
asc. node	-3153 Jul 21 j 03:00	6° II 44'47		evening max el	-3150 Jan 10 j 23:57	13° \approx 15'12	46°07'19	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3150 Jan 29 j 08:11	0° H		max. Earth dist.	-3148 Aug 06 j 02:19	16° G 40'49	1.71677 AU
greatest brilliancy	-3150 Feb 14 j 14:39	10° H 51'22	-4.5m				
retrograde	-3150 Mar 01 j 14:08	14° H 50'41		superior conj	-3148 Aug 09 j 17:53	21° G 15'19	1°22'36
evening set	-3150 Mar 18 j 15:24	9° H 13'52		minimum elong	-3148 Aug 09 j 14:22	21° G 04'15	1°22'40
inferior conj	-3150 Mar 23 j 00:49	6° H 30'07	6°46'24		-3148 Aug 16 j 17:05	0° Ω	
minimum elong	-3150 Mar 23 j 09:21	6° H 16'33	6°44'59		-3148 Sep 09 j 13:41	0° M	
min. Earth dist.	-3150 Mar 23 j 08:48	6° H 17'26	0.29275 AU	evening rise	-3148 Sep 17 j 16:49	10° M 13'29	
morning rise	-3150 Mar 28 j 03:19	3° H 20'47			-3148 Oct 03 j 10:35	0° $\underline{\text{A}}$	
	-3150 Apr 03 j 21:10	30° R \approx		desc. node	-3148 Oct 11 j 11:03	10° $\underline{\text{A}}$ 03'25	
direct	-3150 Apr 13 j 16:38	28° \approx 04'45			-3148 Oct 27 j 09:27	0° M	
	-3150 Apr 24 j 00:52	0° H			-3148 Nov 20 j 11:32	0° J	
desc. node	-3150 Apr 26 j 15:38	1° H 01'21			-3148 Dec 14 j 18:42	0° Z	
greatest brilliancy	-3150 Apr 26 j 20:44	1° H 06'50	-4.5m		-3147 Jan 08 j 10:59	0° \approx	
morning max el	-3150 Jun 01 j 14:35	27° H 54'48	45°51'05	asc. node	-3147 Feb 01 j 08:43	28° \approx 17'00	
	-3150 Jun 03 j 18:36	0° Y			-3147 Feb 02 j 20:16	0° H	
	-3150 Jul 02 j 10:46	0° B			-3147 Mar 01 j 14:57	0° Y	
	-3150 Jul 28 j 16:56	0° II		evening max el	-3147 Mar 22 j 22:26	21° Y 45'06	45°10'39
asc. node	-3150 Aug 17 j 14:52	23° II 45'34			-3147 Mar 31 j 22:21	0° B	
	-3150 Aug 22 j 18:17	0° G		greatest brilliancy	-3147 Apr 26 j 11:47	17° B 42'53	-4.5m
	-3150 Sep 16 j 02:44	0° Ω		retrograde	-3147 May 10 j 02:44	20° B 55'21	
	-3150 Oct 10 j 02:10	0° M		desc. node	-3147 May 24 j 03:14	17° B 10'21	
	-3150 Nov 02 j 22:27	0° $\underline{\text{A}}$		evening set	-3147 May 25 j 00:12	16° B 42'57	
	-3150 Nov 26 j 19:24	0° M		inferior conj	-3147 May 31 j 11:48	12° B 53'43	-1°-42'-29
morning set	-3150 Dec 02 j 03:55	6° M 42'45		minimum elong	-3147 May 31 j 08:04	12° B 59'30	1°41'21
desc. node	-3150 Dec 07 j 09:04	13° M 14'36		min. Earth dist.	-3147 May 31 j 22:53	12° B 36'34	0.28656 AU
	-3150 Dec 20 j 18:47	0° J		morning rise	-3147 Jun 06 j 15:22	9° B 13'55	
				direct	-3147 Jun 22 j 04:40	4° B 39'18	
superior conj	-3149 Jan 12 j 21:45	28° J 47'41	-1°-11'-26	greatest brilliancy	-3147 Jul 06 j 17:36	8° B 20'24	-4.5m
minimum elong	-3149 Jan 12 j 11:51	28° J 16'57	1°11'17		-3147 Aug 04 j 19:49	0° II	
	-3149 Jan 13 j 21:01	0° Z		morning max el	-3147 Aug 10 j 20:35	5° II 48'17	46°22'52
max. Earth dist.	-3149 Jan 16 j 19:18	3° Z 38'11	1.72337 AU		-3147 Sep 02 j 18:16	0° G	
	-3149 Feb 07 j 02:08	0° \approx		asc. node	-3147 Sep 14 j 02:39	12° G 52'50	
evening rise	-3149 Feb 21 j 04:06	17° \approx 22'34			-3147 Sep 28 j 16:55	0° Ω	
	-3149 Mar 03 j 10:25	0° H			-3147 Oct 23 j 11:27	0° M	
	-3149 Mar 27 j 22:29	0° Y			-3147 Nov 16 j 18:30	0° $\underline{\text{A}}$	
asc. node	-3149 Mar 30 j 07:04	2° Y 52'26			-3147 Dec 10 j 22:35	0° M	
	-3149 Apr 21 j 15:12	0° B		desc. node	-3146 Jan 03 j 21:06	29° M 40'02	
	-3149 May 16 j 13:43	0° II			-3146 Jan 04 j 03:33	0° J	
	-3149 Jun 10 j 20:29	0° G			-3146 Jan 28 j 10:27	0° Z	
	-3149 Jul 06 j 17:09	0° Ω		morning set	-3146 Feb 15 j 14:28	22° Z 23'09	
desc. node	-3149 Jul 20 j 00:34	15° Ω 00'25			-3146 Feb 21 j 18:58	0° \approx	
	-3149 Aug 02 j 18:06	0° M			-3146 Mar 18 j 04:39	0° H	
evening max el	-3149 Aug 18 j 12:59	16° M 18'57	47°08'33				
	-3149 Sep 02 j 04:55	0° $\underline{\text{A}}$		superior conj	-3146 Mar 25 j 04:49	8° H 36'14	-1°-6'-20
greatest brilliancy	-3149 Sep 26 j 21:39	16° $\underline{\text{A}}$ 29'34	-4.7m	minimum elong	-3146 Mar 25 j 13:29	9° H 02'51	1°06'07
retrograde	-3149 Oct 07 j 23:51	18° $\underline{\text{A}}$ 47'34		max. Earth dist.	-3146 Mar 25 j 17:10	9° H 14'09	1.73615 AU
evening set	-3149 Oct 22 j 22:19	14° $\underline{\text{A}}$ 21'10			-3146 Apr 11 j 15:06	0° Y	
inferior conj	-3149 Oct 28 j 12:06	11° $\underline{\text{A}}$ 03'49	-3°-9'-32	asc. node	-3146 Apr 26 j 19:11	18° Y 36'48	
minimum elong	-3149 Oct 28 j 18:55	10° $\underline{\text{A}}$ 53'25	3°07'29	evening rise	-3146 Apr 30 j 14:17	23° Y 16'13	
min. Earth dist.	-3149 Oct 28 j 09:28	11° $\underline{\text{A}}$ 07'50	0.26356 AU		-3146 May 06 j 01:55	0° B	
morning rise	-3149 Nov 03 j 15:45	7° $\underline{\text{A}}$ 29'04			-3146 May 30 j 12:55	0° II	
asc. node	-3149 Nov 09 j 23:29	4° $\underline{\text{A}}$ 44'53			-3146 Jun 24 j 00:31	0° G	
direct	-3149 Nov 17 j 18:15	3° $\underline{\text{A}}$ 29'14			-3146 Jul 18 j 14:06	0° Ω	
greatest brilliancy	-3149 Nov 29 j 12:18	6° $\underline{\text{A}}$ 06'10	-4.7m		-3146 Aug 12 j 08:06	0° M	
	-3149 Dec 31 j 15:52	0° M		desc. node	-3146 Aug 16 j 12:42	5° M 02'42	
morning max el	-3148 Jan 06 j 23:53	6° M 11'01	46°34'15		-3146 Sep 06 j 10:32	0° $\underline{\text{A}}$	
	-3148 Jan 29 j 14:44	0° J			-3146 Oct 02 j 05:39	0° M	
	-3148 Feb 25 j 07:17	0° Z			-3146 Oct 29 j 18:39	0° J	
desc. node	-3148 Feb 29 j 18:39	5° Z 08'37		evening max el	-3146 Oct 29 j 18:24	29° M 59'21	47°26'03
	-3148 Mar 22 j 03:28	0° \approx			-3146 Dec 05 j 02:24	0° Z	
	-3148 Apr 16 j 12:19	0° H		greatest brilliancy	-3146 Dec 06 j 03:44	0° Z 31'22	-4.7m
	-3148 May 11 j 12:45	0° Y		asc. node	-3146 Dec 07 j 11:10	1° Z 07'42	
	-3148 Jun 05 j 05:35	0° B		retrograde	-3146 Dec 19 j 20:37	4° Z 01'56	
asc. node	-3148 Jun 21 j 17:11	20° B 13'32			-3145 Jan 02 j 22:09	30° R J	
	-3148 Jun 29 j 15:11	0° II		evening set	-3145 Jan 05 j 00:30	28° J 48'32	
morning set	-3148 Jul 03 j 16:03	4° II 59'46		min. Earth dist.	-3145 Jan 08 j 19:30	26° J 27'55	0.27879 AU
	-3148 Jul 23 j 18:24	0° G		inferior conj	-3145 Jan 09 j 20:48	25° J 47'40	7°00'35

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3145 Jan 09 j 11:59	26° 𐤆 01'42	6°58'59			-3143 Jun 14 j 06:02	0° 𐤆	
morning rise	-3145 Jan 14 j 00:00	23° 𐤆 13'23		evening rise		-3143 Jul 05 j 22:13	26° 𐤆 52'20	
direct	-3145 Jan 30 j 16:31	17° 𐤆 47'42				-3143 Jul 08 j 10:39	0° 𐤆	
greatest brilliancy	-3145 Feb 10 j 07:02	19° 𐤆 51'30	-4.5m			-3143 Aug 01 j 13:29	0° 𐤆	
	-3145 Feb 27 j 18:24	0° 𐤆				-3143 Aug 25 j 16:23	0° 𐤆	
morning max el	-3145 Mar 20 j 14:14	18° 𐤆 00'47	45°56'58	desc. node		-3143 Sep 13 j 00:56	22° 𐤆 46'07	
desc. node	-3145 Mar 29 j 06:18	26° 𐤆 32'50				-3143 Sep 18 j 21:15	0° 𐤆	
	-3145 Apr 01 j 15:49	0° 𐤆				-3143 Oct 13 j 06:00	0° 𐤆	
	-3145 Apr 29 j 13:28	0° 𐤆				-3143 Nov 06 j 21:59	0° 𐤆	
	-3145 May 25 j 20:50	0° 𐤆				-3143 Dec 02 j 04:59	0° 𐤆	
	-3145 Jun 20 j 07:04	0° 𐤆				-3143 Dec 28 j 23:45	0° 𐤆	
	-3145 Jul 15 j 02:12	0° 𐤆		asc. node		-3142 Jan 03 j 22:58	6° 𐤆 15'31	
asc. node	-3145 Jul 20 j 05:09	6° 𐤆 16'43		evening max el		-3142 Jan 08 j 16:13	11° 𐤆 02'52	46°10'16
	-3145 Aug 08 j 09:42	0° 𐤆				-3142 Jan 29 j 18:40	0° 𐤆	
greatest brilliancy	-3145 Aug 20 j 19:35	15° 𐤆 29'35	-3.9m	greatest brilliancy		-3142 Feb 12 j 07:37	8° 𐤆 43'08	-4.5m
	-3145 Sep 01 j 09:04	0° 𐤆		retrograde		-3142 Feb 27 j 07:46	12° 𐤆 42'54	
morning set	-3145 Sep 13 j 23:46	15° 𐤆 53'01		evening set		-3142 Mar 16 j 10:43	7° 𐤆 02'10	
	-3145 Sep 25 j 04:12	0° 𐤆		inferior conj		-3142 Mar 20 j 17:44	4° 𐤆 21'44	6°57'09
	-3145 Oct 18 j 22:36	0° 𐤆		minimum elong		-3142 Mar 21 j 02:03	4° 𐤆 08'32	6°55'49
				min. Earth dist.		-3142 Mar 21 j 00:22	4° 𐤆 11'13	0.29270 AU
superior conj	-3145 Oct 24 j 11:21	6° 𐤆 58'29	0°35'18	morning rise		-3142 Mar 25 j 17:28	1° 𐤆 16'36	
minimum elong	-3145 Oct 24 j 20:07	7° 𐤆 26'05	0°34'54			-3142 Mar 28 j 00:03	30° 𐤆	
max. Earth dist.	-3145 Oct 27 j 06:48	10° 𐤆 30'58	1.70944 AU	direct		-3142 Apr 11 j 09:42	25° 𐤆 56'41	
desc. node	-3145 Nov 08 j 23:07	26° 𐤆 28'15		greatest brilliancy		-3142 Apr 24 j 10:55	28° 𐤆 56'26	-4.5m
	-3145 Nov 11 j 18:32	0° 𐤆		desc. node		-3142 Apr 25 j 17:36	29° 𐤆 30'43	
evening rise	-3145 Dec 05 j 22:43	0° 𐤆 17'39				-3142 Apr 26 j 18:12	0° 𐤆	
	-3145 Dec 05 j 17:04	0° 𐤆		morning max el		-3142 May 30 j 07:40	25° 𐤆 48'02	45°50'26
	-3145 Dec 29 j 18:51	0° 𐤆				-3142 Jun 03 j 15:38	0° 𐤆	
	-3144 Jan 23 j 01:06	0° 𐤆				-3142 Jul 02 j 02:03	0° 𐤆	
	-3144 Feb 16 j 14:04	0° 𐤆				-3142 Jul 28 j 06:08	0° 𐤆	
asc. node	-3144 Feb 29 j 20:58	16° 𐤆 02'50		asc. node		-3142 Aug 16 j 17:01	23° 𐤆 14'28	
	-3144 Mar 12 j 13:08	0° 𐤆				-3142 Aug 22 j 06:32	0° 𐤆	
	-3144 Apr 07 j 03:25	0° 𐤆				-3142 Sep 15 j 14:30	0° 𐤆	
	-3144 May 03 j 18:59	0° 𐤆				-3142 Oct 09 j 13:39	0° 𐤆	
	-3144 Jun 01 j 17:56	0° 𐤆				-3142 Nov 02 j 09:45	0° 𐤆	
evening max el	-3144 Jun 02 j 07:33	0° 𐤆 32'37	45°40'31			-3142 Nov 26 j 06:33	0° 𐤆	
desc. node	-3144 Jun 20 j 14:59	16° 𐤆 36'06		morning set		-3142 Nov 29 j 13:59	4° 𐤆 09'00	
greatest brilliancy	-3144 Jul 10 j 13:22	28° 𐤆 33'08	-4.5m	desc. node		-3142 Dec 06 j 11:09	12° 𐤆 46'20	
	-3144 Jul 15 j 09:37	0° 𐤆				-3142 Dec 20 j 05:50	0° 𐤆	
retrograde	-3144 Jul 21 j 10:41	0° 𐤆 41'02						
	-3144 Jul 27 j 07:51	30° 𐤆		superior conj		-3141 Jan 10 j 09:50	26° 𐤆 22'01	-1°-9'-25
evening set	-3144 Aug 08 j 03:46	24° 𐤆 52'52		minimum elong		-3141 Jan 09 j 23:30	25° 𐤆 49'53	1°09'15
inferior conj	-3144 Aug 11 j 09:53	22° 𐤆 56'17	-8°-46'-59			-3141 Jan 13 j 08:00	0° 𐤆	
minimum elong	-3144 Aug 11 j 06:29	23° 𐤆 01'24	8°46'44	max. Earth dist.		-3141 Jan 14 j 11:09	1° 𐤆 24'22	1.72283 AU
min. Earth dist.	-3144 Aug 11 j 20:34	22° 𐤆 40'05	0.27461 AU			-3141 Feb 06 j 13:04	0° 𐤆	
morning rise	-3144 Aug 14 j 09:02	21° 𐤆 09'24		evening rise		-3141 Feb 18 j 19:22	15° 𐤆 08'07	
direct	-3144 Sep 01 j 08:05	15° 𐤆 04'20				-3141 Mar 02 j 21:22	0° 𐤆	
greatest brilliancy	-3144 Sep 15 j 06:00	18° 𐤆 35'11	-4.6m			-3141 Mar 27 j 09:35	0° 𐤆	
	-3144 Oct 02 j 08:39	0° 𐤆		asc. node		-3141 Mar 29 j 09:04	2° 𐤆 24'40	
asc. node	-3144 Oct 11 j 14:04	8° 𐤆 08'04				-3141 Apr 21 j 02:39	0° 𐤆	
morning max el	-3144 Oct 22 j 02:43	18° 𐤆 27'56	46°52'42			-3141 May 16 j 01:49	0° 𐤆	
	-3144 Nov 02 j 00:27	0° 𐤆				-3141 Jun 10 j 09:41	0° 𐤆	
	-3144 Nov 28 j 11:18	0° 𐤆				-3141 Jul 06 j 08:18	0° 𐤆	
	-3144 Dec 23 j 18:32	0° 𐤆		desc. node		-3141 Jul 19 j 02:45	14° 𐤆 20'08	
	-3143 Jan 17 j 16:43	0° 𐤆				-3141 Aug 02 j 13:25	0° 𐤆	
desc. node	-3143 Jan 31 j 09:00	16° 𐤆 32'13		evening max el		-3141 Aug 16 j 03:07	13° 𐤆 56'08	47°05'55
	-3143 Feb 11 j 11:53	0° 𐤆				-3141 Sep 02 j 15:24	0° 𐤆	
	-3143 Mar 08 j 05:32	0° 𐤆		greatest brilliancy		-3141 Sep 24 j 11:58	14° 𐤆 01'18	-4.7m
	-3143 Apr 01 j 21:34	0° 𐤆		retrograde		-3141 Oct 05 j 12:05	16° 𐤆 16'28	
morning set	-3143 Apr 25 j 06:55	28° 𐤆 32'48		evening set		-3141 Oct 20 j 12:53	11° 𐤆 47'35	
	-3143 Apr 26 j 11:26	0° 𐤆		inferior conj		-3141 Oct 26 j 00:07	8° 𐤆 33'35	-3°-32'-34
	-3143 May 20 j 22:24	0° 𐤆		minimum elong		-3141 Oct 26 j 07:39	8° 𐤆 22'05	3°30'20
asc. node	-3143 May 24 j 07:14	4° 𐤆 08'41		min. Earth dist.		-3141 Oct 25 j 22:43	8° 𐤆 35'44	0.26351 AU
max. Earth dist.	-3143 May 27 j 20:52	8° 𐤆 32'22	1.73354 AU	morning rise		-3141 Nov 01 j 02:38	5° 𐤆 00'20	
				asc. node		-3141 Nov 09 j 01:30	1° 𐤆 47'34	
superior conj	-3143 May 31 j 04:53	12° 𐤆 38'56	0°16'10	direct		-3141 Nov 15 j 06:45	0° 𐤆 59'28	
minimum elong	-3143 May 31 j 01:43	12° 𐤆 29'12	0°16'05	greatest brilliancy		-3141 Nov 27 j 01:16	3° 𐤆 36'54	-4.7m

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3141 Dec 31 j 17:28	0°♌					-3138 Aug 11 j 21:09	0°♍			
morning max el	-3140 Jan 04 j 12:49	3°♌45'28	46°35'36		desc. node		-3138 Aug 15 j 14:48	4°♍29'24			
	-3140 Jan 29 j 07:53	0°♌					-3138 Sep 06 j 00:53	0°♎			
	-3140 Feb 24 j 21:28	0°♏					-3138 Oct 01 j 22:24	0°♐			
desc. node	-3140 Feb 28 j 20:50	4°♏34'52			evening max el		-3138 Oct 27 j 08:13	27°♐34'16	47°27'23		
	-3140 Mar 21 j 16:11	0°♑					-3138 Oct 29 j 17:36	0°♑			
	-3140 Apr 16 j 00:12	0°♒			greatest brilliancy		-3138 Dec 03 j 21:02	28°♑12'28	-4.7m		
	-3140 May 11 j 00:08	0°♓			asc. node		-3138 Dec 06 j 13:22	29°♑23'22			
	-3140 Jun 04 j 16:41	0°♈					-3138 Dec 08 j 04:27	0°♒			
asc. node	-3140 Jun 20 j 19:21	19°♈46'16			retrograde		-3138 Dec 17 j 11:45	1°♒41'12			
	-3140 Jun 29 j 02:10	0°♉					-3138 Dec 26 j 11:12	30°♒			
morning set	-3140 Jul 01 j 09:21	2°♉50'44			evening set		-3137 Jan 02 j 12:27	26°♒32'42			
	-3140 Jul 23 j 05:23	0°♊			min. Earth dist.		-3137 Jan 06 j 10:19	24°♒08'16	0.27802 AU		
max. Earth dist.	-3140 Aug 03 j 13:09	14°♊09'56	1.71738 AU		inferior conj		-3137 Jan 07 j 11:44	23°♒27'54	6°48'39		
					minimum elong		-3137 Jan 07 j 02:39	23°♒42'21	6°46'55		
superior conj	-3140 Aug 07 j 09:22	18°♊58'50	1°21'53		morning rise		-3137 Jan 11 j 17:23	20°♒50'12			
minimum elong	-3140 Aug 07 j 05:08	18°♊45'35	1°21'56		direct		-3137 Jan 28 j 05:57	15°♒28'58			
	-3140 Aug 16 j 04:08	0°♋			greatest brilliancy		-3137 Feb 07 j 21:40	17°♒33'43	-4.5m		
	-3140 Sep 09 j 00:53	0°♌					-3137 Feb 28 j 08:14	0°♓			
evening rise	-3140 Sep 15 j 04:01	7°♌42'25			morning max el		-3137 Mar 18 j 04:38	15°♓44'44	45°58'08		
	-3140 Oct 02 j 21:57	0°♍			desc. node		-3137 Mar 28 j 08:15	25°♓47'13			
desc. node	-3140 Oct 10 j 13:02	9°♍33'49					-3137 Apr 01 j 10:48	0°♎			
	-3140 Oct 26 j 21:01	0°♎					-3137 Apr 29 j 04:13	0°♏			
	-3140 Nov 19 j 23:17	0°♐					-3137 May 25 j 09:48	0°♑			
	-3140 Dec 14 j 06:45	0°♒					-3137 Jun 19 j 19:09	0°♓			
	-3139 Jan 07 j 23:35	0°♑					-3137 Jul 14 j 13:49	0°♈			
asc. node	-3139 Jan 31 j 10:56	27°♑43'38			asc. node		-3137 Jul 19 j 07:19	5°♈47'52			
	-3139 Feb 02 j 10:06	0°♒					-3137 Aug 07 j 21:05	0°♉			
	-3139 Mar 01 j 07:48	0°♓			greatest brilliancy		-3137 Aug 22 j 00:14	17°♉38'54	-3.9m		
evening max el	-3139 Mar 20 j 13:20	19°♓32'28	45°11'09				-3137 Aug 31 j 20:22	0°♊			
	-3139 Apr 01 j 02:26	0°♈			morning set		-3137 Sep 11 j 12:31	13°♊26'14			
greatest brilliancy	-3139 Apr 24 j 02:02	15°♈31'34	-4.5m				-3137 Sep 24 j 15:31	0°♋			
retrograde	-3139 May 07 j 17:58	18°♈45'56					-3137 Oct 18 j 09:56	0°♌			
evening set	-3139 May 22 j 16:09	14°♈33'02									
desc. node	-3139 May 23 j 05:21	14°♈15'12			superior conj		-3137 Oct 21 j 20:41	4°♎20'54	0°38'54		
inferior conj	-3139 May 29 j 03:50	10°♈43'44	-1°-22'-43		minimum elong		-3137 Oct 22 j 06:05	4°♎50'33	0°38'28		
minimum elong	-3139 May 29 j 00:48	10°♈48'26	1°21'48		max. Earth dist.		-3137 Oct 24 j 11:09	7°♎37'45	1.70931 AU		
min. Earth dist.	-3139 May 29 j 15:41	10°♈25'23	0.28692 AU		desc. node		-3137 Nov 08 j 01:13	25°♎59'09			
morning rise	-3139 Jun 04 j 08:47	7°♈01'34					-3137 Nov 11 j 05:53	0°♍			
direct	-3139 Jun 19 j 20:25	2°♈28'30			evening rise		-3137 Dec 03 j 08:09	27°♍41'34			
greatest brilliancy	-3139 Jul 04 j 09:51	6°♈09'08	-4.5m				-3137 Dec 05 j 04:27	0°♎			
	-3139 Aug 04 j 20:15	0°♉					-3137 Dec 29 j 06:18	0°♏			
morning max el	-3139 Aug 08 j 10:50	3°♉30'04	46°21'29				-3136 Jan 22 j 12:41	0°♑			
	-3139 Sep 02 j 10:52	0°♊					-3136 Feb 16 j 01:56	0°♒			
asc. node	-3139 Sep 13 j 04:43	12°♊14'42			asc. node		-3136 Feb 28 j 23:00	15°♒32'34			
	-3139 Sep 28 j 07:01	0°♋					-3136 Mar 12 j 01:36	0°♓			
	-3139 Oct 23 j 00:23	0°♌					-3136 Apr 06 j 17:05	0°♈			
	-3139 Nov 16 j 06:49	0°♍					-3136 May 03 j 11:17	0°♉			
	-3139 Dec 10 j 10:30	0°♎			evening max el		-3136 May 30 j 21:57	28°♉15'58	45°38'10		
desc. node	-3138 Jan 02 j 23:15	29°♎10'46					-3136 Jun 01 j 17:48	0°♊			
	-3138 Jan 03 j 15:09	0°♏			desc. node		-3136 Jun 19 j 17:08	15°♊26'28			
	-3138 Jan 27 j 21:45	0°♐			greatest brilliancy		-3136 Jul 07 j 22:47	26°♊08'12	-4.5m		
morning set	-3138 Feb 13 j 05:12	20°♐06'29			retrograde		-3136 Jul 19 j 00:08	28°♊19'18			
	-3138 Feb 21 j 06:03	0°♑			evening set		-3136 Aug 05 j 13:58	22°♊34'52			
	-3138 Mar 17 j 15:36	0°♒			inferior conj		-3136 Aug 08 j 23:08	20°♊33'45	-8°-42'-20		
					minimum elong		-3136 Aug 08 j 18:55	20°♊40'08	8°42'00		
superior conj	-3138 Mar 22 j 22:37	6°♒30'00	-1°-8'-13		min. Earth dist.		-3136 Aug 09 j 09:07	20°♊18'38	0.27514 AU		
minimum elong	-3138 Mar 23 j 07:08	6°♒56'09	1°08'02		morning rise		-3136 Aug 11 j 23:42	18°♊44'52			
max. Earth dist.	-3138 Mar 23 j 12:51	7°♒13'43	1.73591 AU		direct		-3136 Aug 29 j 22:41	12°♊40'57			
	-3138 Apr 11 j 02:01	0°♓			greatest brilliancy		-3136 Sep 12 j 21:19	16°♊13'09	-4.6m		
asc. node	-3138 Apr 25 j 21:14	18°♓09'29					-3136 Oct 02 j 19:28	0°♋			
evening rise	-3138 Apr 28 j 09:33	21°♓14'27			asc. node		-3136 Oct 10 j 16:07	7°♋07'49			
greatest brilliancy	-3138 Apr 28 j 09:56	21°♓15'38	-3.9m		morning max el		-3136 Oct 19 j 17:37	16°♋04'52	46°52'20		
	-3138 May 05 j 12:56	0°♈					-3136 Nov 01 j 19:48	0°♌			
	-3138 May 30 j 00:10	0°♉					-3136 Nov 28 j 02:47	0°♊			
	-3138 Jun 23 j 12:10	0°♊					-3136 Dec 23 j 08:16	0°♋			
	-3138 Jul 18 j 02:18	0°♋					-3135 Jan 17 j 05:26	0°♌			

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3135 Jan 30 j 11:08	16° ♁ 01'17		desc. node	-3133 Jul 18 j 04:53	13° ♁ 39'14	
	-3135 Feb 10 j 23:56	0° ♁			-3133 Aug 02 j 09:14	0° ♁	
	-3135 Mar 07 j 17:07	0° \approx		evening max el	-3133 Aug 13 j 16:26	11° ♁ 31'31	47°03'14
	-3135 Apr 01 j 08:51	0° ♁			-3133 Sep 03 j 05:11	0° ♁	
morning set	-3135 Apr 23 j 01:46	26° ♁ 29'48		greatest brilliancy	-3133 Sep 22 j 02:47	11° ♁ 33'58	-4.7m
	-3135 Apr 25 j 22:29	0° ♁		retrograde	-3133 Oct 02 j 23:48	13° ♁ 45'44	
	-3135 May 20 j 09:21	0° ♁		evening set	-3133 Oct 18 j 03:40	9° ♁ 14'06	
asc. node	-3135 May 23 j 09:28	3° ♁ 41'50		inferior conj	-3133 Oct 23 j 12:15	6° ♁ 03'43	-3°-54'-59
max. Earth dist.	-3135 May 25 j 19:46	6° ♁ 41'17	1.73387 AU	minimum elong	-3133 Oct 23 j 20:27	5° ♁ 51'13	3°52'36
				min. Earth dist.	-3133 Oct 23 j 12:20	6° ♁ 03'37	0.26355 AU
superior conj	-3135 May 28 j 23:51	10° ♁ 35'40	0°13'09	morning rise	-3133 Oct 29 j 13:21	2° ♁ 32'05	
minimum elong	-3135 May 28 j 21:16	10° ♁ 27'42	0°13'06		-3133 Nov 04 j 05:40	30° ♁	
behind sun begin	-3135 May 28 j 08:43	9° ♁ 49'03		asc. node	-3133 Nov 08 j 03:47	28° ♁ 56'14	
behind sun end	-3135 May 29 j 09:48	11° ♁ 06'21		direct	-3133 Nov 12 j 18:49	28° ♁ 29'44	
	-3135 Jun 13 j 17:01	0° ♁			-3133 Nov 21 j 14:39	0° ♁	
evening rise	-3135 Jul 03 j 16:39	24° ♁ 46'02		greatest brilliancy	-3133 Nov 24 j 15:14	1° ♁ 08'33	-4.7m
	-3135 Jul 07 j 21:46	0° ♁			-3133 Dec 31 j 18:02	0° ♁	
	-3135 Aug 01 j 00:52	0° ♁		morning max el	-3132 Jan 02 j 01:14	1° ♁ 17'47	46°36'45
	-3135 Aug 25 j 04:06	0° ♁			-3132 Jan 29 j 00:54	0° ♁	
desc. node	-3135 Sep 12 j 02:54	22° ♁ 15'04			-3132 Feb 24 j 11:42	0° ♁	
	-3135 Sep 18 j 09:22	0° ♁		desc. node	-3132 Feb 27 j 22:51	4° ♁ 00'21	
	-3135 Oct 12 j 18:40	0° ♁			-3132 Mar 21 j 04:57	0° \approx	
	-3135 Nov 06 j 11:28	0° ♁			-3132 Apr 15 j 12:07	0° ♁	
	-3135 Dec 01 j 20:02	0° ♁			-3132 May 10 j 11:32	0° ♁	
	-3135 Dec 28 j 18:42	0° \approx			-3132 Jun 04 j 03:49	0° ♁	
asc. node	-3134 Jan 03 j 01:08	5° \approx 28'42		asc. node	-3132 Jun 19 j 21:28	19° ♁ 18'50	
evening max el	-3134 Jan 06 j 08:34	8° \approx 49'37	46°13'17		-3132 Jun 28 j 13:10	0° ♁	
	-3134 Jan 30 j 09:21	0° ♁		morning set	-3132 Jun 29 j 02:44	0° ♁ 41'58	
greatest brilliancy	-3134 Feb 10 j 01:33	6° ♁ 35'09	-4.5m		-3132 Jul 22 j 16:22	0° ♁	
retrograde	-3134 Feb 25 j 01:07	10° ♁ 33'51		max. Earth dist.	-3132 Aug 01 j 01:54	11° ♁ 45'10	1.71796 AU
evening set	-3134 Mar 14 j 05:58	4° ♁ 49'34					
inferior conj	-3134 Mar 18 j 10:36	2° ♁ 12'19	7°07'21	superior conj	-3132 Aug 05 j 01:14	16° ♁ 43'43	1°21'02
minimum elong	-3134 Mar 18 j 18:37	1° ♁ 59'33	7°06'09	minimum elong	-3132 Aug 04 j 20:21	16° ♁ 28'26	1°21'05
min. Earth dist.	-3134 Mar 18 j 15:55	2° ♁ 03'50	0.29258 AU		-3132 Aug 15 j 15:09	0° ♁	
	-3134 Mar 21 j 22:57	30° ♁			-3132 Sep 08 j 12:00	0° ♁	
morning rise	-3134 Mar 23 j 07:26	29° \approx 11'18		evening rise	-3132 Sep 12 j 15:52	5° ♁ 13'49	
direct	-3134 Apr 09 j 02:44	23° \approx 47'43			-3132 Oct 02 j 09:13	0° ♁	
greatest brilliancy	-3134 Apr 21 j 23:57	26° \approx 43'42	-4.5m	desc. node	-3132 Oct 09 j 15:11	9° ♁ 05'06	
desc. node	-3134 Apr 24 j 19:48	28° \approx 02'22			-3132 Oct 26 j 08:28	0° ♁	
	-3134 Apr 28 j 10:55	0° ♁			-3132 Nov 19 j 10:59	0° ♁	
morning max el	-3134 May 28 j 00:17	23° ♁ 39'28	45°49'58		-3132 Dec 13 j 18:47	0° ♁	
	-3134 Jun 03 j 12:12	0° ♁			-3131 Jan 07 j 12:16	0° \approx	
	-3134 Jul 01 j 17:17	0° ♁		asc. node	-3131 Jan 30 j 12:57	27° \approx 09'22	
	-3134 Jul 27 j 19:22	0° ♁			-3131 Feb 02 j 00:08	0° ♁	
asc. node	-3134 Aug 15 j 19:07	22° ♁ 42'59			-3131 Mar 01 j 01:07	0° ♁	
	-3134 Aug 21 j 18:50	0° ♁		evening max el	-3131 Mar 18 j 03:47	17° ♁ 18'32	45°11'54
	-3134 Sep 15 j 02:22	0° ♁			-3131 Apr 01 j 08:37	0° ♁	
	-3134 Oct 09 j 01:17	0° ♁		greatest brilliancy	-3131 Apr 21 j 15:06	13° ♁ 18'39	-4.5m
	-3134 Nov 01 j 21:15	0° ♁		retrograde	-3131 May 05 j 09:24	16° ♁ 36'24	
	-3134 Nov 25 j 17:57	0° ♁		evening set	-3131 May 20 j 08:06	12° ♁ 22'27	
morning set	-3134 Nov 26 j 23:35	1° ♁ 32'57		desc. node	-3131 May 22 j 07:33	11° ♁ 16'38	
desc. node	-3134 Dec 05 j 13:22	12° ♁ 17'40		inferior conj	-3131 May 26 j 19:42	8° ♁ 33'27	-1°-2'-53
	-3134 Dec 19 j 17:08	0° ♁		minimum elong	-3131 May 26 j 17:23	8° ♁ 37'02	1°02'10
				min. Earth dist.	-3131 May 27 j 08:14	8° ♁ 14'03	0.28729 AU
superior conj	-3133 Jan 07 j 21:13	23° ♁ 53'15	-1°-7'-13	morning rise	-3131 Jun 02 j 01:56	4° ♁ 49'18	
minimum elong	-3133 Jan 07 j 10:31	23° ♁ 20'01	1°07'02	direct	-3131 Jun 17 j 11:58	0° ♁ 17'15	
max. Earth dist.	-3133 Jan 12 j 03:09	29° ♁ 10'08	1.72224 AU	greatest brilliancy	-3131 Jul 02 j 02:48	3° ♁ 58'50	-4.5m
	-3133 Jan 12 j 19:12	0° ♁			-3131 Aug 04 j 19:32	0° ♁	
	-3133 Feb 06 j 00:12	0° \approx		morning max el	-3131 Aug 06 j 01:57	1° ♁ 14'22	46°20'17
evening rise	-3133 Feb 16 j 10:02	12° \approx 51'06			-3131 Sep 02 j 03:03	0° ♁	
	-3133 Mar 02 j 08:31	0° ♁		asc. node	-3131 Sep 12 j 06:46	11° ♁ 37'13	
	-3133 Mar 26 j 20:55	0° ♁			-3131 Sep 27 j 20:47	0° ♁	
asc. node	-3133 Mar 28 j 11:09	1° ♁ 56'28			-3131 Oct 22 j 13:03	0° ♁	
	-3133 Apr 20 j 14:20	0° ♁			-3131 Nov 15 j 18:52	0° ♁	
	-3133 May 15 j 14:09	0° ♁			-3131 Dec 09 j 22:09	0° ♁	
	-3133 Jun 09 j 23:06	0° ♁		desc. node	-3130 Jan 02 j 01:18	28° ♁ 41'57	
	-3133 Jul 05 j 23:42	0° ♁			-3130 Jan 03 j 02:30	0° ♁	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3130 Jan 27 j 08:52	0°☾		evening set	-3128 Aug 02 j 23:54	20°☾18'30	
morning set	-3130 Feb 10 j 19:28	17°☾48'39		inferior conj	-3128 Aug 06 j 12:25	18°☾12'18	-8°-36'-50
	-3130 Feb 20 j 16:59	0°≈		minimum elong	-3128 Aug 06 j 07:22	18°☾19'56	8°36'23
	-3130 Mar 17 j 02:25	0°✕		min. Earth dist.	-3128 Aug 06 j 21:41	17°☾58'15	0.27562 AU
				morning rise	-3128 Aug 09 j 14:41	16°☾20'49	
superior conj	-3130 Mar 20 j 15:54	4°✕22'33	-1°-10'-1	direct	-3128 Aug 27 j 13:23	10°☾18'53	
minimum elong	-3130 Mar 21 j 00:15	4°✕48'10	1°09'52	greatest brilliancy	-3128 Sep 10 j 11:33	13°☾50'48	-4.6m
max. Earth dist.	-3130 Mar 21 j 07:03	5°✕09'04	1.73568 AU		-3128 Oct 03 j 03:02	0°♈	
	-3130 Apr 10 j 12:49	0°♑		asc. node	-3128 Oct 09 j 18:25	6°♈10'24	
asc. node	-3130 Apr 24 j 23:26	17°♑43'02		morning max el	-3128 Oct 17 j 07:59	13°♈41'37	46°51'52
evening rise	-3130 Apr 26 j 04:22	19°♑11'46			-3128 Nov 01 j 14:17	0°♐	
greatest brilliancy	-3130 Apr 27 j 22:41	21°♑21'29	-3.9m		-3128 Nov 27 j 17:41	0°♑	
	-3130 May 04 j 23:49	0°♒			-3128 Dec 22 j 21:30	0°♒	
	-3130 May 29 j 11:17	0°♓			-3127 Jan 16 j 17:41	0°♓	
	-3130 Jun 22 j 23:40	0°☊		desc. node	-3127 Jan 29 j 13:09	15°♓31'23	
	-3130 Jul 17 j 14:24	0°♈			-3127 Feb 10 j 11:31	0°☊	
	-3130 Aug 11 j 10:05	0°♐			-3127 Mar 07 j 04:16	0°≈	
desc. node	-3130 Aug 14 j 16:48	3°♐56'10			-3127 Mar 31 j 19:41	0°✕	
	-3130 Sep 05 j 15:08	0°♑		morning set	-3127 Apr 20 j 20:43	24°✕28'21	
	-3130 Oct 01 j 15:08	0°♒			-3127 Apr 25 j 09:10	0°♑	
evening max el	-3130 Oct 24 j 22:55	25°♒12'42	47°28'49		-3127 May 19 j 19:59	0°♒	
	-3130 Oct 29 j 17:02	0°♓		asc. node	-3127 May 22 j 11:34	3°♒15'34	
greatest brilliancy	-3130 Dec 01 j 13:20	25°♓53'34	-4.7m	max. Earth dist.	-3127 May 23 j 16:56	4°♒45'56	1.73424 AU
asc. node	-3130 Dec 05 j 15:27	27°♓36'20					
retrograde	-3130 Dec 15 j 03:21	29°♓21'56		superior conj	-3127 May 26 j 18:49	8°♒33'25	0°10'08
evening set	-3130 Dec 31 j 00:32	24°♓17'55		minimum elong	-3127 May 26 j 16:49	8°♒27'15	0°10'05
min. Earth dist.	-3129 Jan 04 j 00:54	21°♓50'17	0.27728 AU	behind sun begin	-3127 May 25 j 23:36	7°♒34'12	
inferior conj	-3129 Jan 05 j 02:45	21°♓09'23	6°36'04	behind sun end	-3127 May 27 j 10:02	9°♒20'19	
minimum elong	-3129 Jan 04 j 17:27	21°♓24'07	6°34'11		-3127 Jun 13 j 03:42	0°♓	
morning rise	-3129 Jan 09 j 10:56	18°♓28'21		evening rise	-3127 Jul 01 j 10:57	22°♓40'19	
direct	-3129 Jan 25 j 19:51	13°♓11'27			-3127 Jul 07 j 08:38	0°☊	
greatest brilliancy	-3129 Feb 05 j 11:56	15°♓16'52	-4.6m		-3127 Jul 31 j 11:58	0°♈	
	-3129 Feb 28 j 18:03	0°☊			-3127 Aug 24 j 15:32	0°♐	
morning max el	-3129 Mar 15 j 20:04	13°☊32'05	45°59'04	desc. node	-3127 Sep 11 j 05:04	21°♐45'34	
desc. node	-3129 Mar 27 j 10:26	25°☊03'42			-3127 Sep 17 j 21:12	0°♑	
	-3129 Apr 01 j 05:00	0°≈			-3127 Oct 12 j 07:04	0°♒	
	-3129 Apr 28 j 18:34	0°✕			-3127 Nov 06 j 00:44	0°♓	
	-3129 May 24 j 22:29	0°♑			-3127 Dec 01 j 10:56	0°☊	
	-3129 Jun 19 j 06:58	0°♒			-3127 Dec 28 j 13:42	0°≈	
	-3129 Jul 14 j 01:09	0°♓		asc. node	-3126 Jan 02 j 03:14	4°≈42'08	
asc. node	-3129 Jul 18 j 09:21	5°♓19'27		evening max el	-3126 Jan 04 j 00:45	6°≈36'56	46°16'22
	-3129 Aug 07 j 08:11	0°☊			-3126 Jan 31 j 04:12	0°✕	
greatest brilliancy	-3129 Aug 22 j 16:20	19°☊09'58	-3.9m	greatest brilliancy	-3126 Feb 07 j 20:12	4°✕29'32	-4.5m
	-3129 Aug 31 j 07:23	0°♈		retrograde	-3126 Feb 22 j 18:18	8°✕26'37	
morning set	-3129 Sep 09 j 01:20	11°♈00'40		evening set	-3126 Mar 12 j 01:22	2°✕39'10	
	-3129 Sep 24 j 02:32	0°♐		inferior conj	-3126 Mar 16 j 03:44	0°✕04'57	7°16'53
	-3129 Oct 17 j 20:58	0°♑		minimum elong	-3126 Mar 16 j 11:24	29°≈52'44	7°15'48
					-3126 Mar 16 j 06:50	30°♒≈	
superior conj	-3129 Oct 19 j 06:12	1°♑44'45	0°42'23	min. Earth dist.	-3126 Mar 16 j 07:57	29°≈58'13	0.29243 AU
minimum elong	-3129 Oct 19 j 16:10	2°♑16'10	0°41'57	morning rise	-3126 Mar 20 j 21:36	27°≈07'57	
max. Earth dist.	-3129 Oct 21 j 17:55	4°♑53'00	1.70916 AU	direct	-3126 Apr 06 j 19:41	21°≈40'54	
desc. node	-3129 Nov 07 j 03:24	25°♑31'22		greatest brilliancy	-3126 Apr 19 j 12:48	24°≈32'30	-4.5m
	-3129 Nov 10 j 16:55	0°♒		desc. node	-3126 Apr 23 j 21:57	26°≈38'30	
evening rise	-3129 Nov 30 j 17:44	25°♒07'02			-3126 Apr 29 j 14:10	0°✕	
	-3129 Dec 04 j 15:28	0°♓		morning max el	-3126 May 25 j 16:09	21°✕30'25	45°49'20
	-3129 Dec 28 j 17:21	0°☊			-3126 Jun 03 j 07:39	0°♑	
	-3128 Jan 21 j 23:52	0°≈			-3126 Jul 01 j 07:58	0°♒	
	-3128 Feb 15 j 13:27	0°✕			-3126 Jul 27 j 08:16	0°♓	
asc. node	-3128 Feb 28 j 01:05	15°✕03'30		asc. node	-3126 Aug 14 j 21:13	22°♓12'21	
	-3128 Mar 11 j 13:45	0°♑			-3126 Aug 21 j 06:53	0°☊	
	-3128 Apr 06 j 06:32	0°♒			-3126 Sep 14 j 13:58	0°♈	
	-3128 May 03 j 03:35	0°♓			-3126 Oct 08 j 12:38	0°♐	
evening max el	-3128 May 28 j 13:06	26°♓01'57	45°35'50		-3126 Nov 01 j 08:27	0°♑	
	-3128 Jun 01 j 18:31	0°☊		morning set	-3126 Nov 24 j 09:08	28°♑57'30	
desc. node	-3128 Jun 18 j 19:14	14°☊15'26			-3126 Nov 25 j 05:03	0°♒	
greatest brilliancy	-3128 Jul 05 j 08:54	23°☊45'03	-4.5m	desc. node	-3126 Dec 04 j 15:21	11°♒49'14	
retrograde	-3128 Jul 16 j 13:22	25°☊58'24			-3126 Dec 19 j 04:09	0°♓	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3125 Jan 05 j 08:33	21° ♂ 25'10	-1°-4'-55	morning rise	-3123 May 30 j 19:17	2° ♂ 38'44	
minimum elong	-3125 Jan 04 j 21:35	20° ♂ 51'02	1°04'41		-3123 Jun 05 j 10:04	30° ♂ 07'22	
max. Earth dist.	-3125 Jan 09 j 18:08	26° ♂ 53'30	1.72162 AU	direct	-3123 Jun 15 j 04:13	28° ♂ 07'22	
	-3125 Jan 12 j 06:09	0° ♂			-3123 Jun 25 j 09:38	0° ♂	
	-3125 Feb 05 j 11:04	0° ♂		greatest brilliancy	-3123 Jun 29 j 19:59	1° ♂ 50'05	-4.5m
evening rise	-3125 Feb 14 j 00:43	10° ♂ 34'51		morning max el	-3123 Aug 03 j 18:03	29° ♂ 01'52	46°18'53
	-3125 Mar 01 j 19:23	0° ♂			-3123 Aug 04 j 17:39	0° ♂	
	-3125 Mar 26 j 07:55	0° ♂			-3123 Sep 01 j 18:53	0° ♂	
asc. node	-3125 Mar 27 j 13:25	1° ♂ 29'50		asc. node	-3123 Sep 11 j 09:03	11° ♂ 00'48	
	-3125 Apr 20 j 01:43	0° ♂			-3123 Sep 27 j 10:29	0° ♂	
	-3125 May 15 j 02:13	0° ♂			-3123 Oct 22 j 01:45	0° ♂	
	-3125 Jun 09 j 12:21	0° ♂			-3123 Nov 15 j 07:01	0° ♂	
	-3125 Jul 05 j 15:06	0° ♂			-3123 Dec 09 j 09:55	0° ♂	
desc. node	-3125 Jul 17 j 06:53	12° ♂ 57'55		desc. node	-3122 Jan 01 j 03:25	28° ♂ 12'56	
	-3125 Aug 02 j 05:31	0° ♂			-3122 Jan 02 j 13:58	0° ♂	
evening max el	-3125 Aug 11 j 04:51	9° ♂ 05'02	47°00'23		-3122 Jan 26 j 20:04	0° ♂	
	-3125 Sep 03 j 23:23	0° ♂		morning set	-3122 Feb 08 j 09:25	15° ♂ 29'29	
greatest brilliancy	-3125 Sep 19 j 17:55	9° ♂ 07'01	-4.7m		-3122 Feb 20 j 04:00	0° ♂	
retrograde	-3125 Sep 30 j 11:09	11° ♂ 15'16			-3122 Mar 16 j 13:20	0° ♂	
evening set	-3125 Oct 15 j 18:26	6° ♂ 40'24					
inferior conj	-3125 Oct 21 j 00:19	3° ♂ 34'09	-4°-16'-56	superior conj	-3122 Mar 18 j 09:09	2° ♂ 14'36	-1°-11'-45
minimum elong	-3125 Oct 21 j 09:05	3° ♂ 20'45	4°14'27	minimum elong	-3122 Mar 18 j 17:15	2° ♂ 39'30	1°11'37
min. Earth dist.	-3125 Oct 21 j 02:09	3° ♂ 31'21	0.26362 AU	max. Earth dist.	-3122 Mar 19 j 02:30	3° ♂ 07'54	1.73543 AU
morning rise	-3125 Oct 26 j 23:44	0° ♂ 04'28			-3122 Apr 09 j 23:42	0° ♂	
	-3125 Oct 27 j 03:06	30° ♂		evening rise	-3122 Apr 23 j 23:24	17° ♂ 09'30	
asc. node	-3125 Nov 07 j 05:51	26° ♂ 11'14		asc. node	-3122 Apr 24 j 01:31	17° ♂ 16'01	
direct	-3125 Nov 10 j 06:27	25° ♂ 59'56		greatest brilliancy	-3122 Apr 28 j 07:07	22° ♂ 27'25	-3.9m
greatest brilliancy	-3125 Nov 22 j 06:01	28° ♂ 41'28	-4.7m		-3122 May 04 j 10:48	0° ♂	
	-3125 Nov 25 j 01:17	0° ♂			-3122 May 28 j 22:28	0° ♂	
morning max el	-3125 Dec 30 j 13:30	28° ♂ 50'04	46°38'01		-3122 Jun 22 j 11:13	0° ♂	
	-3125 Dec 31 j 17:18	0° ♂			-3122 Jul 17 j 02:32	0° ♂	
	-3124 Jan 28 j 17:23	0° ♂			-3122 Aug 10 j 23:08	0° ♂	
	-3124 Feb 24 j 01:34	0° ♂		desc. node	-3122 Aug 13 j 19:01	3° ♂ 23'18	
desc. node	-3124 Feb 27 j 00:59	3° ♂ 26'56			-3122 Sep 05 j 05:38	0° ♂	
	-3124 Mar 20 j 17:27	0° ♂			-3122 Oct 01 j 08:23	0° ♂	
	-3124 Apr 14 j 23:47	0° ♂		evening max el	-3122 Oct 22 j 14:34	22° ♂ 52'34	47°29'52
	-3124 May 09 j 22:42	0° ♂			-3122 Oct 29 j 18:00	0° ♂	
	-3124 Jun 03 j 14:43	0° ♂		greatest brilliancy	-3122 Nov 29 j 05:20	23° ♂ 32'28	-4.7m
asc. node	-3124 Jun 18 j 23:32	18° ♂ 51'54		asc. node	-3122 Dec 04 j 17:33	25° ♂ 43'10	
morning set	-3124 Jun 26 j 20:30	28° ♂ 35'03		retrograde	-3122 Dec 12 j 19:00	27° ♂ 00'12	
	-3124 Jun 27 j 23:58	0° ♂		evening set	-3122 Dec 28 j 12:19	22° ♂ 00'43	
	-3124 Jul 22 j 03:11	0° ♂		min. Earth dist.	-3121 Jan 01 j 15:00	19° ♂ 30'01	0.27651 AU
max. Earth dist.	-3124 Jul 29 j 17:24	9° ♂ 29'28	1.71862 AU	inferior conj	-3121 Jan 02 j 17:22	18° ♂ 48'25	6°22'31
				minimum elong	-3121 Jan 02 j 07:56	19° ♂ 03'19	6°20'31
superior conj	-3124 Aug 02 j 17:18	14° ♂ 29'39	1°20'04	morning rise	-3121 Jan 07 j 04:12	16° ♂ 04'00	
minimum elong	-3124 Aug 02 j 11:50	14° ♂ 12'30	1°20'05	direct	-3121 Jan 23 j 09:53	10° ♂ 51'41	
	-3124 Aug 15 j 02:05	0° ♂		greatest brilliancy	-3121 Feb 03 j 01:06	12° ♂ 56'58	-4.6m
	-3124 Sep 07 j 23:05	0° ♂			-3121 Mar 01 j 01:45	0° ♂	
evening rise	-3124 Sep 10 j 03:48	2° ♂ 45'35		morning max el	-3121 Mar 13 j 11:48	11° ♂ 19'06	46°00'07
	-3124 Oct 01 j 20:30	0° ♂		desc. node	-3121 Mar 26 j 12:39	24° ♂ 19'57	
desc. node	-3124 Oct 08 j 17:20	8° ♂ 36'26			-3121 Mar 31 j 23:05	0° ♂	
	-3124 Oct 25 j 19:56	0° ♂			-3121 Apr 28 j 08:59	0° ♂	
	-3124 Nov 18 j 22:40	0° ♂			-3121 May 24 j 11:18	0° ♂	
	-3124 Dec 13 j 06:50	0° ♂			-3121 Jun 18 j 18:55	0° ♂	
	-3123 Jan 07 j 00:59	0° ♂			-3121 Jul 13 j 12:38	0° ♂	
asc. node	-3123 Jan 29 j 15:05	26° ♂ 35'20		asc. node	-3121 Jul 17 j 11:31	4° ♂ 51'01	
	-3123 Feb 01 j 14:15	0° ♂			-3121 Aug 06 j 19:25	0° ♂	
	-3123 Feb 28 j 18:42	0° ♂		greatest brilliancy	-3121 Aug 23 j 04:45	20° ♂ 29'04	-3.9m
evening max el	-3123 Mar 15 j 18:54	15° ♂ 06'39	45°12'54		-3121 Aug 30 j 18:33	0° ♂	
	-3123 Apr 01 j 16:59	0° ♂		morning set	-3121 Sep 06 j 14:47	8° ♂ 36'46	
greatest brilliancy	-3123 Apr 19 j 03:58	11° ♂ 06'24	-4.5m		-3121 Sep 23 j 13:42	0° ♂	
retrograde	-3123 May 03 j 01:39	14° ♂ 28'15					
evening set	-3123 May 18 j 00:32	10° ♂ 13'00		superior conj	-3121 Oct 16 j 16:06	29° ♂ 09'16	0°45'44
desc. node	-3123 May 21 j 09:33	8° ♂ 17'52		minimum elong	-3121 Oct 17 j 02:32	29° ♂ 42'06	0°45'19
inferior conj	-3123 May 24 j 11:52	6° ♂ 24'24	0°-43'-13		-3121 Oct 17 j 08:12	0° ♂	
minimum elong	-3123 May 24 j 10:16	6° ♂ 26'52	0°42'42	max. Earth dist.	-3121 Oct 19 j 02:17	2° ♂ 12'39	1.70910 AU
min. Earth dist.	-3123 May 25 j 00:45	6° ♂ 04'29	0.28763 AU	desc. node	-3121 Nov 06 j 05:25	25° ♂ 02'16	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3121 Nov 10 j 04:12	0°♌		desc. node	-3118 Apr 22 j 23:57	25°≈15'00	
evening rise	-3121 Nov 28 j 03:03	22°♌30'33			-3118 Apr 30 j 11:06	0°♋	
	-3121 Dec 04 j 02:49	0°♌		morning max el	-3118 May 23 j 07:13	19°♋17'46	45°48'56
	-3121 Dec 28 j 04:47	0°♌			-3118 Jun 03 j 03:08	0°♍	
	-3120 Jan 21 j 11:28	0°≈			-3118 Jun 30 j 22:56	0°♌	
	-3120 Feb 15 j 01:21	0°♋			-3118 Jul 26 j 21:27	0°♊	
asc. node	-3120 Feb 27 j 03:19	14°♋33'42		asc. node	-3118 Aug 13 j 23:25	21°♊41'02	
	-3120 Mar 11 j 02:20	0°♍			-3118 Aug 20 j 19:13	0°♎	
	-3120 Apr 05 j 20:29	0°♌			-3118 Sep 14 j 01:51	0°♏	
	-3120 May 02 j 20:32	0°♊			-3118 Oct 08 j 00:16	0°♐	
evening max el	-3120 May 26 j 04:15	23°♊47'10	45°33'37		-3118 Oct 31 j 19:55	0°♑	
	-3120 Jun 01 j 20:53	0°♎		morning set	-3118 Nov 21 j 19:04	26°♑22'21	
desc. node	-3120 Jun 17 j 21:20	13°♎01'45			-3118 Nov 24 j 16:24	0°♌	
greatest brilliancy	-3120 Jul 02 j 20:24	21°♎23'20	-4.5m	desc. node	-3118 Dec 03 j 17:28	11°♌20'26	
retrograde	-3120 Jul 14 j 02:27	23°♎37'42			-3118 Dec 18 j 15:25	0°♌	
evening set	-3120 Jul 31 j 10:02	18°♎02'52					
inferior conj	-3120 Aug 04 j 02:00	15°♎51'21	-8°-30'-37	superior conj	-3117 Jan 02 j 20:05	18°♌56'51	-1°-2'-28
minimum elong	-3120 Aug 03 j 20:12	16°♎00'11	8°30'02	minimum elong	-3117 Jan 02 j 08:55	18°♌22'06	1°02'13
min. Earth dist.	-3120 Aug 04 j 10:50	15°♎37'57	0.27605 AU	max. Earth dist.	-3117 Jan 07 j 07:59	24°♌32'31	1.72103 AU
morning rise	-3120 Aug 07 j 06:12	13°♎56'47			-3117 Jan 11 j 17:20	0°♌	
direct	-3120 Aug 25 j 03:59	7°♎57'25			-3117 Feb 04 j 22:14	0°≈	
greatest brilliancy	-3120 Sep 08 j 01:27	11°♎28'06	-4.6m	evening rise	-3117 Feb 11 j 15:18	8°≈17'18	
	-3120 Oct 03 j 08:29	0°♏			-3117 Mar 01 j 06:36	0°♋	
asc. node	-3120 Oct 08 j 20:28	5°♏13'23			-3117 Mar 25 j 19:20	0°♍	
morning max el	-3120 Oct 14 j 21:30	11°♏15'54	46°51'19	asc. node	-3117 Mar 26 j 15:25	1°♍01'09	
	-3120 Nov 01 j 08:27	0°♐			-3117 Apr 19 j 13:32	0°♌	
	-3120 Nov 27 j 08:37	0°♑			-3117 May 14 j 14:44	0°♊	
	-3120 Dec 22 j 10:56	0°♌			-3117 Jun 09 j 02:05	0°♎	
	-3119 Jan 16 j 06:14	0°♌			-3117 Jul 05 j 07:07	0°♏	
desc. node	-3119 Jan 28 j 15:20	15°♌00'49		desc. node	-3117 Jul 16 j 09:06	12°♏15'42	
	-3119 Feb 09 j 23:31	0°♌			-3117 Aug 02 j 02:51	0°♐	
	-3119 Mar 06 j 15:50	0°≈		evening max el	-3117 Aug 08 j 16:38	6°♐36'16	46°57'37
	-3119 Mar 31 j 06:57	0°♋			-3117 Sep 05 j 00:22	0°♑	
morning set	-3119 Apr 18 j 15:16	22°♋24'26		greatest brilliancy	-3117 Sep 17 j 08:18	6°♑38'26	-4.7m
	-3119 Apr 24 j 20:14	0°♍		retrograde	-3117 Sep 27 j 22:33	8°♑44'18	
	-3119 May 19 j 06:58	0°♌		evening set	-3117 Oct 13 j 09:18	4°♑05'30	
max. Earth dist.	-3119 May 21 j 12:48	2°♌45'33	1.73456 AU	inferior conj	-3117 Oct 18 j 12:22	1°♑03'44	-4°-38'-28
asc. node	-3119 May 21 j 13:36	2°♌48'00		minimum elong	-3117 Oct 18 j 21:40	0°♑49'33	4°35'52
				min. Earth dist.	-3117 Oct 18 j 15:51	0°♑58'25	0.26372 AU
superior conj	-3119 May 24 j 13:35	6°♌29'34	0°07'05		-3117 Oct 20 j 06:19	30°♐	
minimum elong	-3119 May 24 j 12:11	6°♌25'15	0°07'04	morning rise	-3117 Oct 24 j 09:53	27°♐36'38	
behind sun begin	-3119 May 23 j 16:13	5°♌23'46		asc. node	-3117 Nov 06 j 07:57	23°♐31'34	
behind sun end	-3119 May 25 j 08:09	7°♌26'44		direct	-3117 Nov 07 j 18:10	23°♐29'04	
	-3119 Jun 12 j 14:45	0°♊		greatest brilliancy	-3117 Nov 19 j 21:22	26°♐14'20	-4.7m
evening rise	-3119 Jun 29 j 05:19	20°♊33'47			-3117 Nov 27 j 00:45	0°♑	
	-3119 Jul 06 j 19:50	0°♎		morning max el	-3117 Dec 28 j 02:28	26°♑23'19	46°39'25
	-3119 Jul 30 j 23:25	0°♏			-3117 Dec 31 j 15:51	0°♌	
	-3119 Aug 24 j 03:17	0°♐			-3116 Jan 28 j 09:47	0°♌	
desc. node	-3119 Sep 10 j 07:13	21°♐15'01			-3116 Feb 23 j 15:30	0°♌	
	-3119 Sep 17 j 09:21	0°♑		desc. node	-3116 Feb 26 j 03:10	2°♌53'17	
	-3119 Oct 11 j 19:46	0°♌			-3116 Mar 20 j 06:06	0°≈	
	-3119 Nov 05 j 14:21	0°♌			-3116 Apr 14 j 11:41	0°♋	
	-3119 Dec 01 j 02:19	0°♌			-3116 May 09 j 10:10	0°♍	
	-3119 Dec 28 j 09:43	0°≈			-3116 Jun 03 j 01:56	0°♌	
asc. node	-3118 Jan 01 j 05:22	3°≈53'41		asc. node	-3116 Jun 18 j 01:43	18°♌24'22	
evening max el	-3118 Jan 01 j 15:54	4°≈20'09	46°19'08	morning set	-3116 Jun 24 j 14:03	26°♌26'36	
	-3118 Feb 01 j 07:25	0°♋			-3116 Jun 27 j 11:04	0°♊	
greatest brilliancy	-3118 Feb 05 j 14:23	2°♋21'07	-4.5m		-3116 Jul 21 j 14:16	0°♎	
retrograde	-3118 Feb 20 j 10:44	6°♋16'56		max. Earth dist.	-3116 Jul 27 j 09:59	7°♎16'29	1.71922 AU
evening set	-3118 Mar 09 j 20:23	0°♋26'21					
	-3118 Mar 10 j 13:36	30°♐≈		superior conj	-3116 Jul 31 j 09:10	12°♎14'16	1°18'58
inferior conj	-3118 Mar 13 j 20:35	27°≈55'13	7°25'55	minimum elong	-3116 Jul 31 j 03:08	11°♎55'22	1°18'58
minimum elong	-3118 Mar 14 j 03:51	27°≈43'36	7°24'57		-3116 Aug 14 j 13:14	0°♏	
min. Earth dist.	-3118 Mar 14 j 00:02	27°≈49'42	0.29228 AU		-3116 Sep 07 j 10:23	0°♐	
morning rise	-3118 Mar 18 j 11:28	25°≈02'15		evening rise	-3116 Sep 07 j 15:49	0°♐17'03	
direct	-3118 Apr 04 j 11:52	19°≈31'34			-3116 Oct 01 j 07:59	0°♑	
greatest brilliancy	-3118 Apr 17 j 02:24	22°≈19'56	-4.5m	desc. node	-3116 Oct 07 j 19:18	8°♑06'30	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3116 Oct 25 j 07:38	0°♌					-3113 Apr 27 j 23:08	0°♐			
	-3116 Nov 18 j 10:35	0°♏					-3113 May 23 j 23:54	0°♑			
	-3116 Dec 12 j 19:04	0°♐					-3113 Jun 18 j 06:43	0°♒			
	-3115 Jan 06 j 13:53	0°♑					-3113 Jul 13 j 00:01	0°♓			
asc. node	-3115 Jan 28 j 17:18	26°♑01'01				asc. node	-3113 Jul 16 j 13:40	4°♓22'45			
	-3115 Feb 01 j 04:37	0°♐					-3113 Aug 06 j 06:37	0°♑			
	-3115 Feb 28 j 12:51	0°♑				greatest brilliancy	-3113 Aug 23 j 19:42	21°♑56'14	-3.9m		
evening max el	-3115 Mar 13 j 10:36	12°♑55'47	45°13'50				-3113 Aug 30 j 05:42	0°♒			
	-3115 Apr 02 j 04:41	0°♒				morning set	-3113 Sep 04 j 03:56	6°♒11'59			
greatest brilliancy	-3115 Apr 16 j 16:58	8°♒53'40	-4.5m				-3113 Sep 23 j 00:51	0°♑			
retrograde	-3115 Apr 30 j 18:02	12°♒18'59									
evening set	-3115 May 15 j 17:01	8°♒02'25				superior conj	-3113 Oct 14 j 01:51	26°♑33'28	0°49'02		
desc. node	-3115 May 20 j 11:42	5°♒15'59				minimum elong	-3113 Oct 14 j 12:37	27°♑07'24	0°48'36		
inferior conj	-3115 May 22 j 03:51	4°♒14'10	0°-23'-18			max. Earth dist.	-3113 Oct 16 j 07:27	29°♑22'27	1.70899 AU		
minimum elong	-3115 May 22 j 02:59	4°♒15'30	0°23'01				-3113 Oct 16 j 19:22	0°♑			
min. Earth dist.	-3115 May 22 j 16:47	3°♒54'10	0.28800 AU			desc. node	-3113 Nov 05 j 07:31	24°♑33'47			
morning rise	-3115 May 28 j 12:20	0°♒27'13					-3113 Nov 09 j 15:23	0°♌			
	-3115 May 29 j 08:35	30°♒♑				evening rise	-3113 Nov 25 j 12:02	19°♌53'26			
direct	-3115 Jun 12 j 20:51	25°♑56'26					-3113 Dec 03 j 14:01	0°♏			
greatest brilliancy	-3115 Jun 27 j 12:51	29°♑40'01	-4.5m				-3113 Dec 27 j 16:04	0°♐			
	-3115 Jun 28 j 05:24	0°♒					-3112 Jan 20 j 22:54	0°♑			
morning max el	-3115 Aug 01 j 10:32	26°♒49'45	46°17'31				-3112 Feb 14 j 13:07	0°♐			
	-3115 Aug 04 j 15:16	0°♓				asc. node	-3112 Feb 26 j 05:20	14°♐03'42			
	-3115 Sep 01 j 10:41	0°♑					-3112 Mar 10 j 14:45	0°♑			
asc. node	-3115 Sep 10 j 11:06	10°♑23'28					-3112 Apr 05 j 10:18	0°♒			
	-3115 Sep 27 j 00:11	0°♒					-3112 May 02 j 13:32	0°♓			
	-3115 Oct 21 j 14:28	0°♑				evening max el	-3112 May 23 j 18:26	21°♓30'53	45°31'20		
	-3115 Nov 14 j 19:11	0°♑					-3112 Jun 02 j 00:30	0°♑			
	-3115 Dec 08 j 21:43	0°♌				desc. node	-3112 Jun 16 j 23:28	11°♑46'34			
desc. node	-3115 Dec 31 j 05:32	27°♌43'51				greatest brilliancy	-3112 Jun 30 j 08:19	19°♑02'45	-4.5m		
	-3114 Jan 02 j 01:28	0°♏				retrograde	-3112 Jul 11 j 14:56	21°♑17'42			
	-3114 Jan 26 j 07:19	0°♐				evening set	-3112 Jul 28 j 19:53	15°♑48'07			
morning set	-3114 Feb 05 j 23:22	13°♐10'06				inferior conj	-3112 Aug 01 j 15:34	13°♑31'03	-8°-23'-24		
	-3114 Feb 19 j 15:02	0°♑				minimum elong	-3112 Aug 01 j 09:03	13°♑40'59	8°22'41		
						min. Earth dist.	-3112 Aug 02 j 00:20	13°♑17'44	0.27653 AU		
superior conj	-3114 Mar 16 j 02:23	0°♐06'36	-1°-13'-22			morning rise	-3112 Aug 04 j 22:01	11°♑32'54			
minimum elong	-3114 Mar 16 j 10:12	0°♐30'36	1°13'15			direct	-3112 Aug 22 j 18:09	5°♑36'17			
	-3114 Mar 16 j 00:15	0°♐				greatest brilliancy	-3112 Sep 05 j 16:22	9°♑06'56	-4.6m		
max. Earth dist.	-3114 Mar 17 j 00:03	1°♐13'09	1.73516 AU				-3112 Oct 03 j 12:04	0°♒			
	-3114 Apr 09 j 10:36	0°♑				asc. node	-3112 Oct 07 j 22:32	4°♒17'39			
evening rise	-3114 Apr 21 j 18:26	15°♑07'15				morning max el	-3112 Oct 12 j 10:03	8°♒47'47	46°50'45		
asc. node	-3114 Apr 23 j 03:35	16°♑48'51					-3112 Nov 01 j 02:10	0°♑			
greatest brilliancy	-3114 Apr 28 j 16:38	23°♑36'32	-3.9m				-3112 Nov 26 j 23:16	0°♑			
	-3114 May 03 j 21:48	0°♒					-3112 Dec 22 j 00:05	0°♌			
	-3114 May 28 j 09:43	0°♓					-3111 Jan 15 j 18:31	0°♏			
	-3114 Jun 21 j 22:54	0°♑				desc. node	-3111 Jan 27 j 17:26	14°♏30'54			
	-3114 Jul 16 j 14:51	0°♒					-3111 Feb 09 j 11:11	0°♐			
	-3114 Aug 10 j 12:22	0°♑					-3111 Mar 06 j 03:06	0°♑			
desc. node	-3114 Aug 12 j 21:05	2°♑49'35					-3111 Mar 30 j 17:55	0°♐			
	-3114 Sep 04 j 20:21	0°♑				morning set	-3111 Apr 16 j 09:58	20°♐21'49			
	-3114 Oct 01 j 02:00	0°♌					-3111 Apr 24 j 06:59	0°♑			
evening max el	-3114 Oct 20 j 06:42	20°♌33'46	47°30'52				-3111 May 18 j 17:39	0°♒			
	-3114 Oct 29 j 20:14	0°♏				max. Earth dist.	-3111 May 19 j 08:23	0°♒45'17	1.73486 AU		
greatest brilliancy	-3114 Nov 26 j 21:45	21°♏11'54	-4.7m			asc. node	-3111 May 20 j 15:49	2°♒22'00			
asc. node	-3114 Dec 03 j 19:45	23°♏45'37									
retrograde	-3114 Dec 10 j 10:39	24°♏38'02				superior conj	-3111 May 22 j 08:41	4°♒27'44	0°04'02		
evening set	-3114 Dec 26 j 00:07	19°♏43'15				minimum elong	-3111 May 22 j 07:53	4°♒25'15	0°04'04		
min. Earth dist.	-3114 Dec 30 j 05:00	17°♏09'28	0.27573 AU			behind sun begin	-3111 May 21 j 10:25	3°♒19'10			
inferior conj	-3114 Dec 31 j 07:51	16°♏27'08	6°08'09			behind sun end	-3111 May 23 j 05:22	5°♒31'21			
minimum elong	-3114 Dec 30 j 22:22	16°♏42'05	6°06'03				-3111 Jun 12 j 01:29	0°♓			
morning rise	-3113 Jan 04 j 21:21	13°♏39'13				evening rise	-3111 Jun 27 j 00:03	18°♓29'32			
direct	-3113 Jan 21 j 00:10	8°♏31'49					-3111 Jul 06 j 06:44	0°♑			
greatest brilliancy	-3113 Jan 31 j 13:39	10°♏36'09	-4.6m				-3111 Jul 30 j 10:35	0°♒			
	-3113 Mar 01 j 07:08	0°♐					-3111 Aug 23 j 14:48	0°♑			
morning max el	-3113 Mar 11 j 03:09	9°♐05'23	46°01'13			desc. node	-3111 Sep 09 j 09:11	20°♑44'33			
desc. node	-3113 Mar 25 j 14:35	23°♐36'21					-3111 Sep 16 j 21:20	0°♑			
	-3113 Mar 31 j 16:38	0°♑					-3111 Oct 11 j 08:23	0°♌			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3111 Nov 05 j 03:55	0°♊				-3108 Apr 13 j 23:14	0°♋		
	-3111 Nov 30 j 17:43	0°♌				-3108 May 08 j 21:16	0°♍		
	-3111 Dec 28 j 06:04	0°♎				-3108 Jun 02 j 12:47	0°♏		
evening max el	-3111 Dec 30 j 06:06	2°♎01'34	46°22'13	asc. node		-3108 Jun 17 j 03:48	17°♏57'41		
asc. node	-3111 Dec 31 j 07:31	3°♎05'12		morning set		-3108 Jun 22 j 07:50	24°♏20'06		
	-3110 Feb 02 j 21:46	0°♐				-3108 Jun 26 j 21:49	0°♑		
greatest brilliancy	-3110 Feb 03 j 07:50	0°♐12'37	-4.5m			-3108 Jul 21 j 01:01	0°♒		
retrograde	-3110 Feb 18 j 03:17	4°♐08'36		max. Earth dist.		-3108 Jul 25 j 01:57	5°♒02'41	1.71979 AU	
	-3110 Mar 04 j 14:30	30°♒							
evening set	-3110 Mar 07 j 15:23	28°♒14'44		superior conj		-3108 Jul 29 j 01:27	10°♒01'17	1°17'45	
inferior conj	-3110 Mar 11 j 13:32	25°♒46'43	7°34'18	minimum elong		-3108 Jul 28 j 18:54	9°♒40'47	1°17'43	
minimum elong	-3110 Mar 11 j 20:23	25°♒35'47	7°33'27			-3108 Aug 14 j 00:03	0°♓		
min. Earth dist.	-3110 Mar 11 j 16:18	25°♒42'18	0.29210 AU	evening rise		-3108 Sep 05 j 04:25	27°♓51'28		
morning rise	-3110 Mar 16 j 01:29	22°♒57'54				-3108 Sep 06 j 21:21	0°♈		
direct	-3110 Apr 02 j 03:49	17°♒23'20				-3108 Sep 30 j 19:07	0°♉		
greatest brilliancy	-3110 Apr 14 j 17:04	20°♒09'51	-4.5m	desc. node		-3108 Oct 06 j 21:28	7°♉38'19		
desc. node	-3110 Apr 22 j 02:09	23°♒55'32				-3108 Oct 24 j 18:58	0°♊		
	-3110 May 01 j 02:05	0°♋				-3108 Nov 17 j 22:10	0°♌		
morning max el	-3110 May 20 j 22:34	17°♋06'57	45°48'41			-3108 Dec 12 j 07:04	0°♍		
	-3110 Jun 02 j 21:38	0°♎				-3107 Jan 06 j 02:37	0°♏		
	-3110 Jun 30 j 13:17	0°♐		asc. node		-3107 Jan 27 j 19:18	25°♏26'27		
	-3110 Jul 26 j 10:08	0°♑				-3107 Jan 31 j 18:55	0°♒		
asc. node	-3110 Aug 13 j 01:28	21°♑10'38				-3107 Feb 28 j 07:12	0°♓		
	-3110 Aug 20 j 07:07	0°♒		evening max el		-3107 Mar 11 j 03:00	10°♓47'16	45°15'01	
	-3110 Sep 13 j 13:21	0°♓				-3107 Apr 02 j 19:55	0°♈		
	-3110 Oct 07 j 11:34	0°♈		greatest brilliancy		-3107 Apr 14 j 07:27	6°♈43'48	-4.5m	
	-3110 Oct 31 j 07:06	0°♉		retrograde		-3107 Apr 28 j 10:33	10°♈10'46		
morning set	-3110 Nov 19 j 04:35	23°♉46'28		evening set		-3107 May 13 j 09:51	5°♉53'02		
	-3110 Nov 24 j 03:31	0°♊		inferior conj		-3107 May 19 j 19:58	2°♊05'10	0°-3'-32	
desc. node	-3110 Dec 02 j 19:39	10°♊52'36		minimum elong		-3107 May 19 j 19:50	2°♊05'22	0°03'28	
	-3110 Dec 18 j 02:27	0°♋		transit middle		-3107 May 19 j 19:50	2°♊05'22	0°03'28	
				transit begin		-3107 May 19 j 15:51	2°♋11'32		
superior conj	-3110 Dec 31 j 06:58	16°♋27'12	0°-59'-51	transit end		-3107 May 19 j 23:49	1°♋59'11		
minimum elong	-3110 Dec 30 j 19:42	15°♋52'06	0°59'35	desc. node		-3107 May 19 j 13:50	2°♋14'38		
max. Earth dist.	-3109 Jan 04 j 18:21	22°♋01'25	1.72041 AU	min. Earth dist.		-3107 May 20 j 08:43	1°♋45'24	0.28833 AU	
	-3109 Jan 11 j 04:16	0°♌				-3107 May 23 j 05:41	30°♌		
	-3109 Feb 04 j 09:05	0°♍		morning rise		-3107 May 26 j 05:19	28°♌17'02		
evening rise	-3109 Feb 09 j 05:25	5°♍59'11		direct		-3107 Jun 10 j 13:49	23°♌46'58		
	-3109 Feb 28 j 17:29	0°♎		greatest brilliancy		-3107 Jun 25 j 04:36	27°♌29'46	-4.5m	
	-3109 Mar 25 j 06:24	0°♏				-3107 Jun 29 j 21:58	0°♍		
asc. node	-3109 Mar 25 j 17:31	0°♏33'47		morning max el		-3107 Jul 30 j 02:58	24°♍38'42	46°16'05	
	-3109 Apr 19 j 01:01	0°♐				-3107 Aug 04 j 11:46	0°♑		
	-3109 May 14 j 02:56	0°♑				-3107 Sep 01 j 01:56	0°♒		
	-3109 Jun 08 j 15:32	0°♒		asc. node		-3107 Sep 09 j 13:09	9°♒47'21		
	-3109 Jul 04 j 22:54	0°♓				-3107 Sep 26 j 13:30	0°♓		
desc. node	-3109 Jul 15 j 11:12	11°♓34'03				-3107 Oct 21 j 02:50	0°♈		
	-3109 Aug 02 j 00:22	0°♈				-3107 Nov 14 j 07:02	0°♉		
evening max el	-3109 Aug 06 j 04:44	4°♈09'56	46°54'52			-3107 Dec 08 j 09:12	0°♊		
	-3109 Sep 06 j 09:55	0°♉		desc. node		-3107 Dec 30 j 07:35	27°♊15'25		
greatest brilliancy	-3109 Sep 14 j 21:21	4°♉10'03	-4.7m			-3106 Jan 01 j 12:40	0°♋		
retrograde	-3109 Sep 25 j 10:25	6°♉15'04				-3106 Jan 25 j 18:19	0°♌		
evening set	-3109 Oct 11 j 00:17	1°♉31'49		morning set		-3106 Feb 03 j 13:04	10°♌50'35		
	-3109 Oct 13 j 15:50	30°♊				-3106 Feb 19 j 01:53	0°♍		
inferior conj	-3109 Oct 16 j 00:25	28°♊34'36	-4°-59'-12						
minimum elong	-3109 Oct 16 j 10:11	28°♊19'45	4°56'34	superior conj		-3106 Mar 13 j 19:15	27°♍57'50	-1°-14'-53	
min. Earth dist.	-3109 Oct 16 j 05:09	28°♊27'24	0.26393 AU	minimum elong		-3106 Mar 14 j 02:43	28°♍20'48	1°14'48	
morning rise	-3109 Oct 21 j 19:53	25°♊10'39		max. Earth dist.		-3106 Mar 14 j 21:55	29°♍19'49	1.73488 AU	
direct	-3109 Nov 05 j 06:24	20°♊59'23				-3106 Mar 15 j 11:00	0°♎		
asc. node	-3109 Nov 05 j 10:10	20°♊59'25				-3106 Apr 08 j 21:20	0°♏		
greatest brilliancy	-3109 Nov 17 j 12:33	23°♊48'14	-4.7m	evening rise		-3106 Apr 19 j 13:05	13°♏04'21		
	-3109 Nov 28 j 08:19	0°♋		asc. node		-3106 Apr 22 j 05:47	16°♏22'36		
morning max el	-3109 Dec 25 j 16:28	23°♋59'45	46°40'37	greatest brilliancy		-3106 Apr 29 j 05:41	24°♏56'59	-3.9m	
	-3109 Dec 31 j 13:18	0°♌				-3106 May 03 j 08:37	0°♐		
	-3108 Jan 28 j 01:41	0°♍				-3106 May 27 j 20:47	0°♑		
	-3108 Feb 23 j 05:04	0°♎				-3106 Jun 21 j 10:24	0°♒		
desc. node	-3108 Feb 25 j 05:09	2°♎19'55				-3106 Jul 16 j 03:01	0°♓		
	-3108 Mar 19 j 18:24	0°♏				-3106 Aug 10 j 01:31	0°♈		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3106 Aug 11 j 23:05	2° \cap 16'00				-3103 Mar 30 j 04:56	0° Υ	
	-3106 Sep 04 j 11:04	0° $\underline{\Delta}$		morning set		-3103 Apr 14 j 04:36	18° Υ 18'42	
	-3106 Sep 30 j 19:47	0° \cap				-3103 Apr 23 j 17:51	0° Υ	
evening max el	-3106 Oct 17 j 23:00	18° \cap 15'55	47°31'44	max. Earth dist.		-3103 May 17 j 04:45	28° Υ 47'03	1.73520 AU
	-3106 Oct 29 j 23:41	0° Υ				-3103 May 18 j 04:28	0° Υ	
greatest brilliancy	-3106 Nov 24 j 15:06	18° Υ 53'16	-4.7m	asc. node		-3103 May 19 j 17:52	1° Υ 54'58	
asc. node	-3106 Dec 02 j 21:49	21° Υ 44'10						
retrograde	-3106 Dec 08 j 02:02	22° Υ 16'25		superior conj		-3103 May 20 j 03:46	2° Υ 25'27	0°00'59
evening set	-3106 Dec 23 j 12:08	17° Υ 26'31		minimum elong		-3103 May 20 j 03:32	2° Υ 24'44	0°01'01
min. Earth dist.	-3106 Dec 27 j 19:16	14° Υ 49'26	0.27494 AU	behind sun begin		-3103 May 19 j 05:33	1° Υ 17'06	
inferior conj	-3106 Dec 28 j 22:24	14° Υ 06'39	5°53'11	behind sun end		-3103 May 21 j 01:31	3° Υ 32'23	
minimum elong	-3106 Dec 28 j 12:55	14° Υ 21'37	5°50'59			-3103 Jun 11 j 12:23	0° \cap	
morning rise	-3105 Jan 02 j 14:30	11° Υ 15'07		evening rise		-3103 Jun 24 j 18:45	16° \cap 24'46	
direct	-3105 Jan 18 j 14:31	6° Υ 12'55				-3103 Jul 05 j 17:49	0° \cap	
greatest brilliancy	-3105 Jan 29 j 02:12	8° Υ 15'53	-4.6m			-3103 Jul 29 j 21:55	0° \cap	
	-3105 Mar 01 j 10:27	0° \cap				-3103 Aug 23 j 02:29	0° \cap	
morning max el	-3105 Mar 08 j 17:38	6° \cap 49'55	46°02'09	desc. node		-3103 Sep 08 j 11:22	20° \cap 14'15	
desc. node	-3105 Mar 24 j 16:48	22° \cap 54'30				-3103 Sep 16 j 09:29	0° $\underline{\Delta}$	
	-3105 Mar 31 j 09:41	0° \approx				-3103 Oct 10 j 21:11	0° \cap	
	-3105 Apr 27 j 13:03	0° Υ				-3103 Nov 04 j 17:45	0° Υ	
	-3105 May 23 j 12:22	0° Υ				-3103 Nov 30 j 09:32	0° \cap	
	-3105 Jun 17 j 18:24	0° Υ		evening max el		-3103 Dec 27 j 20:16	29° \cap 42'12	46°25'21
	-3105 Jul 12 j 11:17	0° \cap				-3103 Dec 28 j 03:21	0° \approx	
asc. node	-3105 Jul 15 j 15:42	3° \cap 54'29		asc. node		-3103 Dec 30 j 09:36	2° \approx 15'09	
	-3105 Aug 05 j 17:41	0° \cap		greatest brilliancy		-3102 Feb 01 j 00:24	28° \approx 02'12	-4.5m
greatest brilliancy	-3105 Aug 23 j 23:51	22° \cap 49'59	-3.9m			-3102 Feb 05 j 12:36	0° Υ	
	-3105 Aug 29 j 16:43	0° \cap		retrograde		-3102 Feb 15 j 20:13	1° Υ 59'41	
morning set	-3105 Sep 01 j 17:14	3° \cap 48'04				-3102 Feb 25 j 18:07	30° \approx	
	-3105 Sep 22 j 11:55	0° \cap		evening set		-3102 Mar 05 j 10:10	26° \approx 02'33	
				inferior conj		-3102 Mar 09 j 06:28	23° \approx 37'30	7°41'56
superior conj	-3105 Oct 11 j 11:56	23° \cap 58'58	0°52'10	minimum elong		-3102 Mar 09 j 12:50	23° \approx 27'21	7°41'13
minimum elong	-3105 Oct 11 j 22:57	24° \cap 33'40	0°51'45	min. Earth dist.		-3102 Mar 09 j 08:21	23° \approx 34'30	0.29190 AU
max. Earth dist.	-3105 Oct 13 j 08:52	26° \cap 20'37	1.70893 AU	morning rise		-3102 Mar 13 j 15:35	20° \approx 52'58	
	-3105 Oct 16 j 06:28	0° $\underline{\Delta}$		direct		-3102 Mar 30 j 19:41	15° \approx 14'21	
desc. node	-3105 Nov 04 j 09:41	24° $\underline{\Delta}$ 05'37		greatest brilliancy		-3102 Apr 12 j 08:20	18° \approx 00'02	-4.5m
	-3105 Nov 09 j 02:31	0° \cap		desc. node		-3102 Apr 21 j 04:17	22° \approx 37'56	
evening rise	-3105 Nov 22 j 21:07	17° \cap 16'34				-3102 May 01 j 13:31	0° Υ	
	-3105 Dec 03 j 01:11	0° Υ		morning max el		-3102 May 18 j 14:26	14° Υ 56'52	45°48'26
	-3105 Dec 27 j 03:18	0° \cap				-3102 Jun 02 j 15:55	0° Υ	
	-3104 Jan 20 j 10:17	0° \approx				-3102 Jun 30 j 03:45	0° Υ	
	-3104 Feb 14 j 00:51	0° Υ				-3102 Jul 25 j 23:04	0° \cap	
asc. node	-3104 Feb 25 j 07:26	13° Υ 34'01		asc. node		-3102 Aug 12 j 03:35	20° \cap 39'39	
	-3104 Mar 10 j 03:13	0° Υ				-3102 Aug 19 j 19:17	0° \cap	
	-3104 Apr 05 j 00:16	0° Υ				-3102 Sep 13 j 01:06	0° \cap	
	-3104 May 02 j 06:58	0° \cap				-3102 Oct 06 j 23:06	0° \cap	
evening max el	-3104 May 21 j 07:59	19° \cap 13'01	45°29'13			-3102 Oct 30 j 18:31	0° $\underline{\Delta}$	
	-3104 Jun 02 j 06:01	0° \cap		morning set		-3102 Nov 16 j 14:05	21° $\underline{\Delta}$ 09'48	
desc. node	-3104 Jun 16 j 01:34	10° \cap 28'58				-3102 Nov 23 j 14:52	0° \cap	
greatest brilliancy	-3104 Jun 27 j 20:21	16° \cap 42'27	-4.5m	desc. node		-3102 Dec 01 j 21:37	10° \cap 23'20	
retrograde	-3104 Jul 09 j 03:35	18° \cap 58'26				-3102 Dec 17 j 13:44	0° Υ	
evening set	-3104 Jul 26 j 05:44	13° \cap 34'01						
inferior conj	-3104 Jul 30 j 05:20	11° \cap 11'22	-8°-15'-17	superior conj		-3102 Dec 28 j 17:37	13° Υ 55'52	0°-57'-6
minimum elong	-3104 Jul 29 j 22:07	11° \cap 22'21	8°14'25	minimum elong		-3102 Dec 28 j 06:20	13° Υ 20'41	0°56'48
min. Earth dist.	-3104 Jul 30 j 14:10	10° \cap 57'54	0.27700 AU	max. Earth dist.		-3101 Jan 02 j 03:20	19° Υ 25'07	1.71984 AU
morning rise	-3104 Aug 02 j 14:15	9° \cap 09'25				-3101 Jan 10 j 15:28	0° \cap	
direct	-3104 Aug 20 j 08:03	3° \cap 15'38				-3101 Feb 03 j 20:15	0° \approx	
greatest brilliancy	-3104 Sep 03 j 08:20	6° \cap 47'36	-4.6m	evening rise		-3101 Feb 06 j 19:23	3° \approx 39'42	
	-3104 Oct 03 j 14:04	0° \cap				-3101 Feb 28 j 04:42	0° Υ	
asc. node	-3104 Oct 07 j 00:49	3° \cap 23'38		asc. node		-3101 Mar 24 j 19:44	0° Υ 05'53	
morning max el	-3104 Oct 09 j 22:30	6° \cap 19'32	46°50'07			-3101 Mar 24 j 17:48	0° Υ	
	-3104 Oct 31 j 19:31	0° \cap				-3101 Apr 18 j 12:49	0° Υ	
	-3104 Nov 26 j 13:48	0° $\underline{\Delta}$				-3101 May 13 j 15:30	0° \cap	
	-3104 Dec 21 j 13:14	0° \cap				-3101 Jun 08 j 05:25	0° \cap	
	-3103 Jan 15 j 06:49	0° Υ				-3101 Jul 04 j 15:22	0° \cap	
desc. node	-3103 Jan 26 j 19:27	14° Υ 00'36		desc. node		-3101 Jul 14 j 13:13	10° \cap 50'25	
	-3103 Feb 08 j 22:55	0° \cap				-3101 Aug 01 j 23:17	0° \cap	
	-3103 Mar 05 j 14:24	0° \approx		evening max el		-3101 Aug 03 j 17:37	1° \cap 44'29	46°52'00

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3101 Sep 08 j 13:14	0°♄		desc. node	-3099 Dec 29 j 09:41	26°♌45'54	
greatest brilliancy	-3101 Sep 12 j 09:37	1°♄39'23	-4.7m		-3098 Jan 01 j 00:16	0°♌	
retrograde	-3101 Sep 22 j 22:44	3°♄44'07			-3098 Jan 25 j 05:40	0°♌	
	-3101 Oct 06 j 15:49	30°♌		morning set	-3098 Feb 01 j 02:23	8°♌28'43	
evening set	-3101 Oct 08 j 15:15	28°♌56'21			-3098 Feb 18 j 13:04	0°♌	
inferior conj	-3101 Oct 13 j 12:17	26°♌03'41	-5°-19'-23				
minimum elong	-3101 Oct 13 j 22:26	25°♌48'17	5°16'44	superior conj	-3098 Mar 11 j 11:53	25°♌47'18	-1°-16'-19
min. Earth dist.	-3101 Oct 13 j 17:52	25°♌55'12	0.26413 AU	minimum elong	-3098 Mar 11 j 18:58	26°♌09'04	1°16'15
morning rise	-3101 Oct 19 j 05:27	22°♌43'21		max. Earth dist.	-3098 Mar 12 j 20:14	27°♌26'46	1.73456 AU
direct	-3101 Nov 02 j 18:58	18°♌28'13			-3098 Mar 14 j 22:05	0°♌	
asc. node	-3101 Nov 04 j 12:14	18°♌31'50			-3098 Apr 08 j 08:25	0°♌	
greatest brilliancy	-3101 Nov 15 j 02:40	21°♌19'27	-4.7m	evening rise	-3098 Apr 17 j 07:40	11°♌00'05	
	-3101 Nov 29 j 07:43	0°♄		asc. node	-3098 Apr 21 j 07:49	15°♌54'46	
morning max el	-3101 Dec 23 j 06:46	21°♄35'51	46°41'44	greatest brilliancy	-3098 May 01 j 02:14	27°♌52'45	-3.9m
	-3101 Dec 31 j 10:23	0°♌			-3098 May 02 j 19:48	0°♌	
	-3100 Jan 27 j 17:40	0°♌			-3098 May 27 j 08:13	0°♌	
	-3100 Feb 22 j 18:52	0°♌			-3098 Jun 20 j 22:15	0°♌	
desc. node	-3100 Feb 24 j 07:19	1°♌46'19			-3098 Jul 15 j 15:31	0°♌	
	-3100 Mar 19 j 07:00	0°♌			-3098 Aug 09 j 15:01	0°♌	
	-3100 Apr 13 j 11:06	0°♌		desc. node	-3098 Aug 11 j 01:19	1°♌42'09	
	-3100 May 08 j 08:41	0°♌			-3098 Sep 04 j 02:13	0°♄	
	-3100 Jun 01 j 23:57	0°♌			-3098 Sep 30 j 14:20	0°♌	
asc. node	-3100 Jun 16 j 05:52	17°♌29'54		evening max el	-3098 Oct 15 j 14:19	15°♌54'17	47°32'13
morning set	-3100 Jun 20 j 01:54	22°♌13'35			-3098 Oct 30 j 05:31	0°♌	
	-3100 Jun 26 j 08:53	0°♌		greatest brilliancy	-3098 Nov 22 j 09:12	16°♌33'34	-4.7m
	-3100 Jul 20 j 12:06	0°♌		asc. node	-3098 Dec 01 j 23:56	19°♌35'49	
max. Earth dist.	-3100 Jul 22 j 16:57	2°♌44'58	1.72041 AU	retrograde	-3098 Dec 05 j 16:40	19°♌52'23	
				evening set	-3098 Dec 21 j 00:00	15°♌07'25	
superior conj	-3100 Jul 26 j 17:55	7°♌47'54	1°16'24	min. Earth dist.	-3098 Dec 25 j 09:43	12°♌26'34	0.27414 AU
minimum elong	-3100 Jul 26 j 10:55	7°♌26'01	1°16'23	inferior conj	-3098 Dec 26 j 12:41	11°♌44'02	5°37'22
	-3100 Aug 13 j 11:15	0°♌		minimum elong	-3098 Dec 26 j 03:17	11°♌58'52	5°35'05
evening rise	-3100 Sep 02 j 17:02	25°♌24'41		morning rise	-3098 Dec 31 j 07:24	8°♌48'42	
	-3100 Sep 06 j 08:43	0°♌		direct	-3097 Jan 16 j 04:11	3°♌51'51	
	-3100 Sep 30 j 06:42	0°♄		greatest brilliancy	-3097 Jan 26 j 15:18	5°♌54'10	-4.6m
desc. node	-3100 Oct 05 j 23:36	7°♄08'37			-3097 Mar 01 j 12:47	0°♌	
	-3100 Oct 24 j 06:44	0°♌		morning max el	-3097 Mar 06 j 06:58	4°♌30'18	46°03'14
	-3100 Nov 17 j 10:11	0°♌		desc. node	-3097 Mar 23 j 18:58	22°♌12'03	
	-3100 Dec 11 j 19:29	0°♌			-3097 Mar 31 j 02:46	0°♌	
	-3099 Jan 05 j 15:50	0°♌			-3097 Apr 27 j 03:08	0°♌	
asc. node	-3099 Jan 26 j 21:27	24°♌50'58			-3097 May 23 j 01:02	0°♌	
	-3099 Jan 31 j 09:49	0°♌			-3097 Jun 17 j 06:18	0°♌	
	-3099 Feb 28 j 02:32	0°♌			-3097 Jul 11 j 22:46	0°♌	
evening max el	-3099 Mar 08 j 19:33	8°♌37'52	45°16'11	asc. node	-3097 Jul 14 j 17:51	3°♌25'55	
	-3099 Apr 03 j 17:14	0°♌			-3097 Aug 05 j 04:59	0°♌	
greatest brilliancy	-3099 Apr 11 j 23:05	4°♌34'15	-4.5m	greatest brilliancy	-3097 Aug 24 j 07:06	23°♌52'49	-3.9m
retrograde	-3099 Apr 26 j 02:45	8°♌01'29			-3097 Aug 29 j 03:56	0°♌	
evening set	-3099 May 11 j 02:55	3°♌42'40		morning set	-3097 Aug 30 j 07:00	1°♌25'05	
	-3099 May 17 j 09:08	30°♌			-3097 Sep 21 j 23:08	0°♌	
inferior conj	-3099 May 17 j 12:08	29°♌55'21	0°16'06				
minimum elong	-3099 May 17 j 12:44	29°♌54'26	0°15'59	superior conj	-3097 Oct 08 j 22:30	21°♌25'29	0°55'10
transit middle	-3099 May 17 j 12:44	29°♌54'26	0°15'59	minimum elong	-3097 Oct 09 j 09:40	22°♌00'41	0°54'47
transit begin	-3099 May 17 j 12:04	29°♌55'27		max. Earth dist.	-3097 Oct 10 j 09:55	23°♌17'09	1.70894 AU
transit end	-3099 May 17 j 13:23	29°♌53'24			-3097 Oct 15 j 17:43	0°♄	
min. Earth dist.	-3099 May 18 j 00:54	29°♌35'33	0.28861 AU	desc. node	-3097 Nov 03 j 11:41	23°♄36'22	
desc. node	-3099 May 18 j 15:52	29°♌12'20			-3097 Nov 08 j 13:49	0°♌	
morning rise	-3099 May 23 j 22:08	26°♌06'02		evening rise	-3097 Nov 20 j 06:08	14°♌38'55	
direct	-3099 Jun 08 j 06:44	21°♌36'50			-3097 Dec 02 j 12:34	0°♌	
greatest brilliancy	-3099 Jun 22 j 19:08	25°♌17'06	-4.5m		-3097 Dec 26 j 14:47	0°♌	
	-3099 Jul 01 j 02:34	0°♌			-3096 Jan 19 j 21:56	0°♌	
morning max el	-3099 Jul 27 j 18:34	22°♌24'48	46°14'39		-3096 Feb 13 j 12:50	0°♌	
	-3099 Aug 04 j 07:57	0°♌		asc. node	-3096 Feb 24 j 09:39	13°♌03'52	
	-3099 Aug 31 j 17:18	0°♌			-3096 Mar 09 j 15:58	0°♌	
asc. node	-3099 Sep 08 j 15:26	9°♌11'09			-3096 Apr 04 j 14:37	0°♌	
	-3099 Sep 26 j 03:04	0°♌			-3096 May 02 j 01:02	0°♌	
	-3099 Oct 20 j 15:33	0°♌		evening max el	-3096 May 18 j 21:07	16°♌53'45	45°27'14
	-3099 Nov 13 j 19:15	0°♄			-3096 Jun 02 j 14:04	0°♌	
	-3099 Dec 07 j 21:05	0°♌		desc. node	-3096 Jun 15 j 03:39	9°♌08'26	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-3096 Jun 25 j 07:38	14° $\overline{52}$ 0'58	-4.5m	superior conj	-3094 Dec 26 j 04:30	11° $\overline{27}$ 25'53	0°-54'-15
retrograde	-3096 Jul 06 j 16:40	16° $\overline{53}$ 9'06		minimum elong	-3094 Dec 25 j 17:17	10° $\overline{27}$ 50'53	0°53'56
evening set	-3096 Jul 23 j 15:28	11° $\overline{51}$ 9'37		max. Earth dist.	-3094 Dec 30 j 14:13	16° $\overline{27}$ 55'20	1.71927 AU
inferior conj	-3096 Jul 27 j 19:04	8° $\overline{51}$ 1'27	-8°-6'-24		-3093 Jan 10 j 02:25	0° $\overline{3}$	
minimum elong	-3096 Jul 27 j 11:13	9° $\overline{50}$ 3'23	8°05'22		-3093 Feb 03 j 07:11	0° \approx	
min. Earth dist.	-3096 Jul 28 j 04:00	8° $\overline{53}$ 7'51	0.27746 AU	evening rise	-3093 Feb 04 j 09:37	1° \approx 21'42	
morning rise	-3096 Jul 31 j 06:41	6° $\overline{54}$ 5'34			-3093 Feb 27 j 15:41	0° \overline{K}	
direct	-3096 Aug 17 j 21:48	0° $\overline{54}$ 3'36		asc. node	-3093 Mar 23 j 21:45	29° \overline{K} 37'54	
greatest brilliancy	-3096 Sep 01 j 00:57	4° $\overline{52}$ 9'08	-4.6m		-3093 Mar 24 j 05:01	0° \overline{Y}	
	-3096 Oct 03 j 14:50	0° \overline{Q}			-3093 Apr 18 j 00:28	0° \overline{B}	
asc. node	-3096 Oct 06 j 02:49	2° \overline{Q} 29'54			-3093 May 13 j 03:54	0° \overline{II}	
morning max el	-3096 Oct 07 j 11:48	3° \overline{Q} 53'31	46°49'41		-3093 Jun 07 j 19:13	0° $\overline{5}$	
	-3096 Oct 31 j 12:31	0° \overline{M}			-3093 Jul 04 j 07:52	0° \overline{Q}	
	-3096 Nov 26 j 04:11	0° \overline{A}		desc. node	-3093 Jul 13 j 15:25	10° \overline{Q} 07'33	
	-3096 Dec 21 j 02:19	0° \overline{M}		evening max el	-3093 Aug 01 j 07:22	29° \overline{Q} 22'09	46°49'04
	-3095 Jan 14 j 19:08	0° \overline{J}			-3093 Aug 01 j 22:51	0° \overline{M}	
desc. node	-3095 Jan 25 j 21:38	13° $\overline{27}$ 30'36		greatest brilliancy	-3093 Sep 09 j 21:45	29° \overline{M} 09'42	-4.7m
	-3095 Feb 08 j 10:42	0° $\overline{3}$			-3093 Sep 12 j 09:49	0° \overline{A}	
	-3095 Mar 05 j 01:47	0° \approx		retrograde	-3093 Sep 20 j 11:09	1° \overline{A} 13'57	
	-3095 Mar 29 j 16:01	0° \overline{K}			-3093 Sep 28 j 05:23	30° \overline{R} \overline{M}	
morning set	-3095 Apr 11 j 22:55	16° \overline{K} 14'21		evening set	-3093 Oct 06 j 06:22	26° \overline{M} 21'50	
	-3095 Apr 23 j 04:45	0° \overline{Y}		inferior conj	-3093 Oct 11 j 00:09	23° \overline{M} 33'39	-5°-39'00
max. Earth dist.	-3095 May 15 j 02:56	26° \overline{Y} 54'17	1.73551 AU	minimum elong	-3093 Oct 11 j 10:37	23° \overline{M} 17'48	5°36'22
				min. Earth dist.	-3093 Oct 11 j 06:23	23° \overline{M} 24'12	0.26434 AU
superior conj	-3095 May 17 j 22:36	0° \overline{B} 22'20	0°-2'-6	morning rise	-3093 Oct 16 j 14:45	20° \overline{M} 17'08	
minimum elong	-3095 May 17 j 23:00	0° \overline{B} 23'37	0°02'03	direct	-3093 Oct 31 j 07:52	15° \overline{M} 58'05	
behind sun begin	-3095 May 17 j 01:05	29° \overline{Y} 16'10		asc. node	-3093 Nov 03 j 14:20	16° \overline{M} 11'04	
behind sun end	-3095 May 18 j 20:56	1° \overline{B} 31'04		greatest brilliancy	-3093 Nov 12 j 15:54	18° \overline{M} 50'21	-4.7m
	-3095 May 17 j 15:20	0° \overline{B}			-3093 Nov 30 j 00:43	0° \overline{A}	
asc. node	-3095 May 18 j 19:55	1° \overline{B} 27'55		morning max el	-3093 Dec 20 j 21:01	19° \overline{A} 12'43	46°42'56
	-3095 Jun 10 j 23:20	0° \overline{II}			-3093 Dec 31 j 06:25	0° \overline{M}	
evening rise	-3095 Jun 22 j 13:32	14° \overline{II} 20'17			-3092 Jan 27 j 09:01	0° \overline{J}	
	-3095 Jul 05 j 04:57	0° $\overline{5}$			-3092 Feb 22 j 08:09	0° $\overline{3}$	
	-3095 Jul 29 j 09:18	0° \overline{Q}		desc. node	-3092 Feb 23 j 09:28	1° $\overline{3}$ 14'02	
	-3095 Aug 22 j 14:12	0° \overline{M}			-3092 Mar 18 j 19:09	0° \approx	
desc. node	-3095 Sep 07 j 13:28	19° \overline{M} 43'41			-3092 Apr 12 j 22:35	0° \overline{K}	
	-3095 Sep 15 j 21:38	0° \overline{A}			-3092 May 07 j 19:47	0° \overline{Y}	
	-3095 Oct 10 j 09:58	0° \overline{M}			-3092 Jun 01 j 10:49	0° \overline{B}	
	-3095 Nov 04 j 07:33	0° \overline{J}		asc. node	-3092 Jun 15 j 08:05	17° \overline{B} 03'32	
	-3095 Nov 30 j 01:24	0° $\overline{3}$		morning set	-3092 Jun 17 j 20:02	20° \overline{B} 08'16	
evening max el	-3095 Dec 25 j 11:12	27° $\overline{3}$ 25'08	46°28'24		-3092 Jun 25 j 19:39	0° \overline{II}	
	-3095 Dec 28 j 01:14	0° \approx			-3092 Jul 19 j 22:52	0° $\overline{5}$	
asc. node	-3095 Dec 29 j 11:45	1° \approx 24'49		max. Earth dist.	-3092 Jul 20 j 06:17	0° $\overline{5}$ 23'09	1.72101 AU
greatest brilliancy	-3094 Jan 29 j 16:31	25° \approx 51'19	-4.6m				
retrograde	-3094 Feb 13 j 13:39	29° \approx 50'53		superior conj	-3092 Jul 24 j 10:30	5° $\overline{5}$ 36'00	1°14'58
evening set	-3094 Mar 03 j 04:50	23° \approx 50'31		minimum elong	-3092 Jul 24 j 03:07	5° $\overline{5}$ 12'55	1°14'54
inferior conj	-3094 Mar 06 j 23:24	21° \approx 28'13	7°49'01		-3092 Aug 12 j 22:08	0° \overline{Q}	
minimum elong	-3094 Mar 07 j 05:15	21° \approx 18'53	7°48'24	evening rise	-3092 Aug 31 j 05:50	22° \overline{Q} 59'35	
min. Earth dist.	-3094 Mar 07 j 00:03	21° \approx 27'10	0.29171 AU		-3092 Sep 05 j 19:46	0° \overline{M}	
morning rise	-3094 Mar 11 j 05:47	18° \approx 48'00			-3092 Sep 29 j 17:57	0° \overline{A}	
direct	-3094 Mar 28 j 11:50	13° \approx 05'20		desc. node	-3092 Oct 05 j 01:35	6° \overline{A} 39'27	
greatest brilliancy	-3094 Apr 09 j 23:36	15° \approx 50'21	-4.5m		-3092 Oct 23 j 18:12	0° \overline{M}	
desc. node	-3094 Apr 20 j 06:17	21° \approx 22'32			-3092 Nov 16 j 21:55	0° \overline{J}	
	-3094 May 01 j 21:54	0° \overline{K}			-3092 Dec 11 j 07:37	0° $\overline{3}$	
morning max el	-3094 May 16 j 07:13	12° \overline{K} 49'12	45°48'13		-3091 Jan 05 j 04:44	0° \approx	
	-3094 Jun 02 j 09:41	0° \overline{Y}		asc. node	-3091 Jan 25 j 23:40	24° \approx 16'42	
	-3094 Jun 29 j 17:57	0° \overline{B}			-3091 Jan 31 j 00:25	0° \overline{K}	
	-3094 Jul 25 j 11:46	0° \overline{II}			-3091 Feb 27 j 21:50	0° \overline{Y}	
asc. node	-3094 Aug 11 j 05:46	20° \overline{II} 09'24		evening max el	-3091 Mar 06 j 11:44	6° \overline{Y} 28'55	45°17'22
	-3094 Aug 19 j 07:16	0° $\overline{5}$			-3091 Apr 04 j 21:30	0° \overline{B}	
	-3094 Sep 12 j 12:42	0° \overline{Q}		greatest brilliancy	-3091 Apr 09 j 15:02	2° \overline{B} 26'41	-4.5m
	-3094 Oct 06 j 10:28	0° \overline{M}		retrograde	-3091 Apr 23 j 18:37	5° \overline{B} 54'03	
	-3094 Oct 30 j 05:46	0° \overline{A}		evening set	-3091 May 08 j 20:17	1° \overline{B} 33'56	
morning set	-3094 Nov 14 j 00:05	18° \overline{A} 35'10			-3091 May 11 j 14:06	30° \overline{R} \overline{Y}	
	-3094 Nov 23 j 02:01	0° \overline{M}		inferior conj	-3091 May 15 j 04:32	27° \overline{Y} 47'27	0°35'36
desc. node	-3094 Nov 30 j 23:46	9° \overline{M} 55'19		minimum elong	-3091 May 15 j 05:51	27° \overline{Y} 45'25	0°35'16
	-3094 Dec 17 j 00:47	0° \overline{J}		min. Earth dist.	-3091 May 15 j 17:35	27° \overline{Y} 27'09	0.28892 AU

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3091 May 17 j 18:02	26° Υ 12'19			-3089 Nov 08 j 00:53	0° \mathbb{M}	
morning rise	-3091 May 21 j 14:59	23° Υ 56'58		evening rise	-3089 Nov 17 j 14:54	12° \mathbb{M} 01'16	
direct	-3091 Jun 05 j 23:30	19° Υ 28'32			-3089 Dec 01 j 23:42	0° \mathcal{Z}	
greatest brilliancy	-3091 Jun 20 j 09:49	23° Υ 05'57	-4.5m		-3089 Dec 26 j 02:01	0° \mathcal{Z}	
	-3091 Jul 01 j 22:46	0° \mathcal{B}			-3088 Jan 19 j 09:21	0° \approx	
morning max el	-3091 Jul 25 j 09:35	20° \mathcal{B} 10'38	46°13'12		-3088 Feb 13 j 00:38	0° \mathcal{H}	
	-3091 Aug 04 j 03:09	0° \mathbb{I}		asc. node	-3088 Feb 23 j 11:40	12° \mathcal{H} 33'48	
	-3091 Aug 31 j 08:07	0° \mathcal{S}			-3088 Mar 09 j 04:32	0° Υ	
asc. node	-3091 Sep 07 j 17:28	8° \mathcal{S} 35'37			-3088 Apr 04 j 04:49	0° \mathcal{B}	
	-3091 Sep 25 j 16:11	0° \mathcal{Q}			-3088 May 01 j 19:08	0° \mathbb{I}	
	-3091 Oct 20 j 03:51	0° \mathbb{M}		evening max el	-3088 May 16 j 10:55	14° \mathbb{I} 37'30	45°25'30
	-3091 Nov 13 j 07:04	0° \mathcal{A}			-3088 Jun 03 j 00:15	0° \mathcal{S}	
	-3091 Dec 07 j 08:33	0° \mathbb{M}		desc. node	-3088 Jun 14 j 05:49	7° \mathcal{S} 46'54	
desc. node	-3091 Dec 28 j 11:50	26° \mathbb{M} 17'41		greatest brilliancy	-3088 Jun 22 j 17:44	11° \mathcal{S} 59'57	-4.5m
	-3091 Dec 31 j 11:28	0° \mathcal{Z}		retrograde	-3088 Jul 04 j 06:25	14° \mathcal{S} 21'44	
	-3090 Jan 24 j 16:39	0° \mathcal{Z}		evening set	-3088 Jul 21 j 01:27	9° \mathcal{S} 06'54	
morning set	-3090 Jan 29 j 15:41	6° \mathcal{Z} 07'47		inferior conj	-3088 Jul 25 j 09:02	6° \mathcal{S} 33'15	-7°-56'-45
	-3090 Feb 17 j 23:52	0° \approx		minimum elong	-3088 Jul 25 j 00:39	6° \mathcal{S} 46'00	7°55'33
				min. Earth dist.	-3088 Jul 25 j 17:46	6° \mathcal{S} 20'00	0.27796 AU
superior conj	-3090 Mar 09 j 04:42	23° \approx 38'33	-1°-17'-38	morning rise	-3088 Jul 28 j 23:32	4° \mathcal{S} 23'19	
minimum elong	-3090 Mar 09 j 11:19	23° \approx 58'54	1°17'35		-3088 Aug 07 j 03:21	30° \mathcal{R} \mathbb{I}	
max. Earth dist.	-3090 Mar 10 j 17:42	25° \approx 32'18	1.73418 AU	direct	-3088 Aug 15 j 12:17	28° \mathbb{I} 35'15	
	-3090 Mar 14 j 08:46	0° \mathcal{H}			-3088 Aug 24 j 04:48	0° \mathcal{S}	
	-3090 Apr 07 j 19:04	0° Υ		greatest brilliancy	-3088 Aug 29 j 18:01	2° \mathcal{S} 12'43	-4.6m
evening rise	-3090 Apr 15 j 02:25	8° Υ 57'40			-3088 Oct 03 j 14:12	0° \mathcal{Q}	
asc. node	-3090 Apr 20 j 09:56	15° Υ 28'28		morning max el	-3088 Oct 05 j 02:21	1° \mathcal{Q} 31'29	46°48'58
	-3090 May 02 j 06:34	0° \mathcal{B}		asc. node	-3088 Oct 05 j 04:59	1° \mathcal{Q} 38'11	
greatest brilliancy	-3090 May 04 j 18:58	3° \mathcal{B} 04'49	-3.9m		-3088 Oct 31 j 05:04	0° \mathbb{M}	
	-3090 May 26 j 19:16	0° \mathbb{I}			-3088 Nov 25 j 18:18	0° \mathcal{A}	
	-3090 Jun 20 j 09:46	0° \mathcal{S}			-3088 Dec 20 j 15:13	0° \mathbb{M}	
	-3090 Jul 15 j 03:44	0° \mathcal{Q}			-3087 Jan 14 j 07:16	0° \mathcal{Z}	
	-3090 Aug 09 j 04:17	0° \mathbb{M}		desc. node	-3087 Jan 24 j 23:44	13° \mathcal{Z} 00'56	
desc. node	-3090 Aug 10 j 03:22	1° \mathbb{M} 08'37			-3087 Feb 07 j 22:18	0° \mathcal{Z}	
	-3090 Sep 03 j 17:12	0° \mathcal{A}			-3087 Mar 04 j 13:00	0° \approx	
	-3090 Sep 30 j 08:57	0° \mathbb{M}			-3087 Mar 29 j 02:57	0° \mathcal{H}	
evening max el	-3090 Oct 13 j 04:35	13° \mathbb{M} 30'54	47°32'38	morning set	-3087 Apr 09 j 17:12	14° \mathcal{H} 10'18	
	-3090 Oct 30 j 13:07	0° \mathcal{Z}			-3087 Apr 22 j 15:31	0° Υ	
greatest brilliancy	-3090 Nov 20 j 03:19	14° \mathcal{Z} 14'37	-4.7m	max. Earth dist.	-3087 May 13 j 02:12	25° Υ 05'18	1.73575 AU
asc. node	-3090 Dec 01 j 02:08	17° \mathcal{Z} 23'16					
retrograde	-3090 Dec 03 j 06:52	17° \mathcal{Z} 29'10		superior conj	-3087 May 15 j 17:36	28° Υ 20'13	0°-5'-10
evening set	-3090 Dec 18 j 11:54	12° \mathcal{Z} 48'42		minimum elong	-3087 May 15 j 18:37	28° Υ 23'18	0°05'05
min. Earth dist.	-3090 Dec 23 j 00:32	10° \mathcal{Z} 03'49	0.27338 AU	behind sun begin	-3087 May 14 j 21:30	27° Υ 18'23	
inferior conj	-3090 Dec 24 j 02:55	9° \mathcal{Z} 22'13	5°20'45	behind sun end	-3087 May 16 j 15:43	29° Υ 28'13	
minimum elong	-3090 Dec 23 j 17:40	9° \mathcal{Z} 36'49	5°18'26		-3087 May 17 j 02:03	0° \mathcal{B}	
morning rise	-3090 Dec 29 j 00:13	6° \mathcal{Z} 23'05		asc. node	-3087 May 17 j 22:11	1° \mathcal{B} 01'54	
direct	-3089 Jan 13 j 17:18	1° \mathcal{Z} 31'16			-3087 Jun 10 j 10:06	0° \mathbb{I}	
greatest brilliancy	-3089 Jan 24 j 05:28	3° \mathcal{Z} 34'12	-4.6m	evening rise	-3087 Jun 20 j 08:38	12° \mathbb{I} 17'22	
	-3089 Mar 01 j 13:23	0° \mathcal{Z}			-3087 Jul 04 j 15:53	0° \mathcal{S}	
morning max el	-3089 Mar 03 j 20:04	2° \mathcal{Z} 10'47	46°04'31		-3087 Jul 28 j 20:31	0° \mathcal{Q}	
desc. node	-3089 Mar 22 j 20:55	21° \mathcal{Z} 30'36			-3087 Aug 22 j 01:48	0° \mathbb{M}	
	-3089 Mar 30 j 19:08	0° \approx		desc. node	-3087 Sep 06 j 15:29	19° \mathbb{M} 13'06	
	-3089 Apr 26 j 16:41	0° \mathcal{H}			-3087 Sep 15 j 09:45	0° \mathcal{A}	
	-3089 May 22 j 13:14	0° Υ			-3087 Oct 09 j 22:48	0° \mathbb{M}	
	-3089 Jun 16 j 17:47	0° \mathcal{B}			-3087 Nov 03 j 21:31	0° \mathcal{Z}	
	-3089 Jul 11 j 09:53	0° \mathbb{I}			-3087 Nov 29 j 17:36	0° \mathcal{Z}	
asc. node	-3089 Jul 13 j 20:02	2° \mathbb{I} 58'31		evening max el	-3087 Dec 23 j 02:54	25° \mathcal{Z} 09'34	46°31'32
	-3089 Aug 04 j 15:57	0° \mathcal{S}			-3087 Dec 28 j 00:09	0° \approx	
greatest brilliancy	-3089 Aug 24 j 15:35	25° \mathcal{S} 00'26	-3.9m	asc. node	-3087 Dec 28 j 13:55	0° \approx 33'21	
morning set	-3089 Aug 27 j 20:43	29° \mathcal{S} 02'51		greatest brilliancy	-3086 Jan 27 j 08:54	23° \approx 40'13	-4.6m
	-3089 Aug 28 j 14:54	0° \mathcal{Q}		retrograde	-3086 Feb 11 j 07:08	27° \approx 40'59	
	-3089 Sep 21 j 10:07	0° \mathbb{M}		evening set	-3086 Feb 28 j 23:07	21° \approx 37'42	
				inferior conj	-3086 Mar 04 j 16:03	19° \approx 17'53	7°55'31
superior conj	-3089 Oct 06 j 08:55	18° \mathbb{M} 52'14	0°58'04	minimum elong	-3086 Mar 04 j 21:22	19° \approx 09'25	7°54'59
minimum elong	-3089 Oct 06 j 20:09	19° \mathbb{M} 27'41	0°57'41	min. Earth dist.	-3086 Mar 04 j 15:12	19° \approx 19'14	0.29147 AU
max. Earth dist.	-3089 Oct 07 j 11:48	20° \mathbb{M} 17'02	1.70899 AU	morning rise	-3086 Mar 08 j 19:46	16° \approx 41'53	
	-3089 Oct 15 j 04:43	0° \mathcal{A}		direct	-3086 Mar 26 j 04:08	10° \approx 55'26	
desc. node	-3089 Nov 02 j 13:49	23° \mathcal{A} 08'20		greatest brilliancy	-3086 Apr 07 j 13:31	13° \approx 38'38	-4.5m

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3086 Apr 19 j 08:31	20° ≈ 09'23			-3084 Dec 10 j 20:01	0° ⊖	
	-3086 May 02 j 04:03	0° ⊖			-3083 Jan 04 j 18:01	0° ≈	
morning max el	-3086 May 14 j 00:22	10° ⊖ 42'22	45°48'06	asc. node	-3083 Jan 25 j 01:40	23° ≈ 40'35	
	-3086 Jun 02 j 03:06	0° ⊖			-3083 Jan 30 j 15:35	0° ⊖	
	-3086 Jun 29 j 08:01	0° ⊖			-3083 Feb 27 j 18:16	0° ⊖	
	-3086 Jul 25 j 00:23	0° ⊖		evening max el	-3083 Mar 04 j 02:59	4° ⊖ 16'16	45°18'37
asc. node	-3086 Aug 10 j 07:49	19° ⊖ 38'58			-3083 Apr 06 j 16:04	0° ⊖	
	-3086 Aug 18 j 19:08	0° ⊖		greatest brilliancy	-3083 Apr 07 j 06:32	0° ⊖ 16'56	-4.5m
	-3086 Sep 12 j 00:12	0° ⊖		retrograde	-3083 Apr 21 j 10:08	3° ⊖ 45'06	
	-3086 Oct 05 j 21:48	0° ⊖			-3083 May 05 j 09:46	30° ⊖	
	-3086 Oct 29 j 17:02	0° ⊖		evening set	-3083 May 06 j 13:37	29° ⊖ 23'13	
morning set	-3086 Nov 11 j 09:54	15° ⊖ 59'47		inferior conj	-3083 May 12 j 20:48	25° ⊖ 38'02	0°55'06
	-3086 Nov 22 j 13:14	0° ⊖		minimum elong	-3083 May 12 j 22:48	25° ⊖ 34'55	0°54'34
desc. node	-3086 Nov 30 j 01:56	9° ⊖ 26'59		min. Earth dist.	-3083 May 13 j 10:25	25° ⊖ 16'47	0.28922 AU
	-3086 Dec 16 j 11:56	0° ⊖		desc. node	-3083 May 16 j 20:09	23° ⊖ 11'30	
				morning rise	-3083 May 19 j 07:30	21° ⊖ 46'34	
superior conj	-3086 Dec 23 j 14:40	8° ⊖ 53'04	0°-51'-13	direct	-3083 Jun 03 j 15:32	17° ⊖ 18'32	
minimum elong	-3086 Dec 23 j 03:37	8° ⊖ 18'37	0°50'54	greatest brilliancy	-3083 Jun 18 j 00:48	20° ⊖ 53'49	-4.5m
max. Earth dist.	-3086 Dec 28 j 01:33	14° ⊖ 26'26	1.71873 AU		-3083 Jul 02 j 14:27	0° ⊖	
	-3085 Jan 09 j 13:31	0° ⊖		morning max el	-3083 Jul 23 j 00:08	17° ⊖ 54'13	46°11'52
evening rise	-3085 Feb 01 j 23:10	29° ⊖ 01'03			-3083 Aug 03 j 22:15	0° ⊖	
	-3085 Feb 02 j 18:14	0° ⊖			-3083 Aug 30 j 23:06	0° ⊖	
	-3085 Feb 27 j 02:49	0° ⊖		asc. node	-3083 Sep 06 j 19:33	7° ⊖ 59'31	
asc. node	-3085 Mar 22 j 23:52	29° ⊖ 09'50			-3083 Sep 25 j 05:31	0° ⊖	
	-3085 Mar 23 j 16:23	0° ⊖			-3083 Oct 19 j 16:21	0° ⊖	
	-3085 Apr 17 j 12:17	0° ⊖			-3083 Nov 12 j 19:04	0° ⊖	
	-3085 May 12 j 16:32	0° ⊖			-3083 Dec 06 j 20:13	0° ⊖	
	-3085 Jun 07 j 09:16	0° ⊖		desc. node	-3083 Dec 27 j 13:52	25° ⊖ 48'27	
	-3085 Jul 04 j 00:46	0° ⊖			-3083 Dec 30 j 22:53	0° ⊖	
desc. node	-3085 Jul 12 j 17:31	9° ⊖ 23'43			-3082 Jan 24 j 03:53	0° ⊖	
evening max el	-3085 Jul 29 j 21:30	27° ⊖ 00'51	46°46'13	morning set	-3082 Jan 27 j 04:50	3° ⊖ 45'30	
	-3085 Aug 01 j 23:31	0° ⊖			-3082 Feb 17 j 10:59	0° ⊖	
greatest brilliancy	-3085 Sep 07 j 10:27	26° ⊖ 41'19	-4.7m				
retrograde	-3085 Sep 17 j 23:22	28° ⊖ 44'17		superior conj	-3082 Mar 06 j 21:14	21° ⊖ 27'50	-1°-18'-49
evening set	-3085 Oct 03 j 21:46	23° ⊖ 48'01		minimum elong	-3082 Mar 07 j 03:21	21° ⊖ 46'38	1°18'48
inferior conj	-3085 Oct 08 j 12:13	21° ⊖ 04'15	-5°-57'-45	max. Earth dist.	-3082 Mar 08 j 12:40	23° ⊖ 29'06	1.73383 AU
minimum elong	-3085 Oct 08 j 22:53	20° ⊖ 48'04	5°55'09		-3082 Mar 13 j 19:48	0° ⊖	
min. Earth dist.	-3085 Oct 08 j 19:06	20° ⊖ 53'49	0.26458 AU		-3082 Apr 07 j 06:06	0° ⊖	
morning rise	-3085 Oct 13 j 23:56	17° ⊖ 51'36		evening rise	-3082 Apr 12 j 20:41	6° ⊖ 52'37	
direct	-3085 Oct 28 j 20:52	13° ⊖ 28'41		asc. node	-3082 Apr 19 j 12:07	15° ⊖ 01'10	
asc. node	-3085 Nov 02 j 16:34	13° ⊖ 56'36			-3082 May 01 j 17:43	0° ⊖	
greatest brilliancy	-3085 Nov 10 j 04:49	16° ⊖ 20'57	-4.7m		-3082 May 26 j 06:43	0° ⊖	
	-3085 Nov 30 j 13:29	0° ⊖			-3082 Jun 19 j 21:43	0° ⊖	
morning max el	-3085 Dec 18 j 10:38	16° ⊖ 47'22	46°43'45		-3082 Jul 14 j 16:25	0° ⊖	
	-3085 Dec 31 j 02:04	0° ⊖			-3082 Aug 08 j 18:02	0° ⊖	
	-3084 Jan 27 j 00:25	0° ⊖		desc. node	-3082 Aug 09 j 05:23	0° ⊖ 33'39	
	-3084 Feb 21 j 21:38	0° ⊖			-3082 Sep 03 j 08:47	0° ⊖	
desc. node	-3084 Feb 22 j 11:27	0° ⊖ 40'29			-3082 Sep 30 j 04:26	0° ⊖	
	-3084 Mar 18 j 07:32	0° ⊖		evening max el	-3082 Oct 10 j 18:26	11° ⊖ 05'36	47°33'09
	-3084 Apr 12 j 10:19	0° ⊖			-3082 Oct 30 j 23:47	0° ⊖	
	-3084 May 07 j 07:06	0° ⊖		greatest brilliancy	-3082 Nov 17 j 20:46	11° ⊖ 54'00	-4.7m
	-3084 May 31 j 21:55	0° ⊖		asc. node	-3082 Nov 30 j 04:12	15° ⊖ 04'56	
asc. node	-3084 Jun 14 j 10:09	16° ⊖ 35'57		retrograde	-3082 Nov 30 j 21:09	15° ⊖ 05'33	
morning set	-3084 Jun 15 j 13:58	18° ⊖ 01'39		evening set	-3082 Dec 15 j 23:58	10° ⊖ 29'01	
	-3084 Jun 25 j 06:39	0° ⊖		min. Earth dist.	-3082 Dec 20 j 15:27	7° ⊖ 40'30	0.27263 AU
max. Earth dist.	-3084 Jul 17 j 18:43	27° ⊖ 57'54	1.72160 AU	inferior conj	-3082 Dec 21 j 17:13	6° ⊖ 59'56	5°03'32
	-3084 Jul 19 j 09:53	0° ⊖		minimum elong	-3082 Dec 21 j 08:10	7° ⊖ 14'12	5°01'11
				morning rise	-3082 Dec 26 j 17:05	3° ⊖ 57'13	
superior conj	-3084 Jul 22 j 03:12	3° ⊖ 23'50	1°13'25		-3081 Jan 04 j 20:59	30° ⊖	
minimum elong	-3084 Jul 21 j 19:27	2° ⊖ 59'38	1°13'19	direct	-3081 Jan 11 j 06:08	29° ⊖ 10'02	
	-3084 Aug 12 j 09:14	0° ⊖			-3081 Jan 17 j 20:34	0° ⊖	
evening rise	-3084 Aug 28 j 19:01	20° ⊖ 35'08		greatest brilliancy	-3081 Jan 21 j 20:10	1° ⊖ 14'22	-4.6m
	-3084 Sep 05 j 07:01	0° ⊖		morning max el	-3081 Mar 01 j 09:45	29° ⊖ 51'55	46°05'42
	-3084 Sep 29 j 05:22	0° ⊖			-3081 Mar 01 j 13:06	0° ⊖	
desc. node	-3084 Oct 04 j 03:46	6° ⊖ 10'26		desc. node	-3081 Mar 21 j 23:10	20° ⊖ 49'38	
	-3084 Oct 23 j 05:49	0° ⊖			-3081 Mar 30 j 11:32	0° ⊖	
	-3084 Nov 16 j 09:50	0° ⊖			-3081 Apr 26 j 06:29	0° ⊖	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3081 May 22 j 01:46	0°♄			-3079 Oct 09 j 11:56	0°♍		
	-3081 Jun 16 j 05:38	0°♅			-3079 Nov 03 j 11:48	0°♎		
	-3081 Jul 10 j 21:22	0°♆			-3079 Nov 29 j 10:18	0°♏		
asc. node	-3081 Jul 12 j 22:03	2°♆29'33		evening max el	-3079 Dec 20 j 19:35	22°♏55'52	46°34'41	
	-3081 Aug 04 j 03:16	0°♇		asc. node	-3079 Dec 27 j 15:58	29°♏40'14		
greatest brilliancy	-3081 Aug 24 j 16:31	25°♇43'23	-3.9m		-3079 Dec 28 j 00:16	0°♐		
morning set	-3081 Aug 25 j 10:21	26°♇39'23		greatest brilliancy	-3078 Jan 25 j 02:34	21°♐30'34	-4.6m	
	-3081 Aug 28 j 02:10	0°♈		retrograde	-3078 Feb 09 j 00:44	25°♐30'52		
	-3081 Sep 20 j 21:24	0°♉		evening set	-3078 Feb 26 j 17:23	19°♐25'19		
				inferior conj	-3078 Mar 02 j 08:50	17°♐07'36	8°01'17	
superior conj	-3081 Oct 03 j 19:19	16°♉17'54	1°00'50	minimum elong	-3078 Mar 02 j 13:35	17°♐00'03	8°00'52	
minimum elong	-3081 Oct 04 j 06:31	16°♉53'14	1°00'28	min. Earth dist.	-3078 Mar 02 j 06:21	17°♐11'34	0.29114 AU	
max. Earth dist.	-3081 Oct 04 j 16:26	17°♉24'29	1.70907 AU	morning rise	-3078 Mar 06 j 09:58	14°♐35'34		
	-3081 Oct 14 j 16:04	0°♊		direct	-3078 Mar 23 j 20:52	8°♐45'55		
desc. node	-3081 Nov 01 j 15:57	22°♊39'14		greatest brilliancy	-3078 Apr 05 j 02:20	11°♐25'47	-4.5m	
	-3081 Nov 07 j 12:16	0°♋		desc. node	-3078 Apr 18 j 10:36	18°♐58'16		
evening rise	-3081 Nov 14 j 23:44	9°♋22'52			-3078 May 02 j 08:12	0°♌		
	-3081 Dec 01 j 11:08	0°♍		morning max el	-3078 May 11 j 17:15	8°♌35'00	45°47'53	
	-3081 Dec 25 j 13:30	0°♎			-3078 Jun 01 j 20:11	0°♍		
	-3080 Jan 18 j 20:59	0°♏			-3078 Jun 28 j 22:01	0°♅		
	-3080 Feb 12 j 12:40	0°♐			-3078 Jul 24 j 13:04	0°♆		
asc. node	-3080 Feb 22 j 13:48	12°♐03'19		asc. node	-3078 Aug 09 j 09:57	19°♆08'25		
	-3080 Mar 08 j 17:25	0°♑			-3078 Aug 18 j 07:09	0°♇		
	-3080 Apr 03 j 19:29	0°♒			-3078 Sep 11 j 11:52	0°♈		
	-3080 May 01 j 14:09	0°♓			-3078 Oct 05 j 09:17	0°♉		
evening max el	-3080 May 14 j 01:40	12°♓22'31	45°23'44		-3078 Oct 29 j 04:25	0°♊		
	-3080 Jun 03 j 14:41	0°♈		morning set	-3078 Nov 08 j 19:41	13°♊23'54		
desc. node	-3080 Jun 13 j 07:53	6°♈21'10			-3078 Nov 22 j 00:33	0°♋		
greatest brilliancy	-3080 Jun 20 j 03:16	9°♈37'10	-4.5m	desc. node	-3078 Nov 29 j 03:54	8°♋57'47		
retrograde	-3080 Jul 01 j 20:23	12°♈02'59			-3078 Dec 15 j 23:10	0°♌		
evening set	-3080 Jul 18 j 11:19	6°♈52'56						
inferior conj	-3080 Jul 22 j 22:53	4°♈13'40	-7°-46'-11	superior conj	-3078 Dec 21 j 00:40	6°♌19'27	0°-48'-4	
minimum elong	-3080 Jul 22 j 14:02	4°♈27'07	7°44'50	minimum elong	-3078 Dec 20 j 13:55	5°♌45'55	0°47'45	
min. Earth dist.	-3080 Jul 23 j 07:07	4°♈01'11	0.27844 AU	max. Earth dist.	-3078 Dec 25 j 14:39	12°♌02'38	1.71817 AU	
morning rise	-3080 Jul 26 j 16:25	1°♈59'27			-3077 Jan 09 j 00:41	0°♏		
	-3080 Jul 30 j 07:10	30°♒♐		evening rise	-3077 Jan 30 j 12:39	26°♏39'55		
direct	-3080 Aug 13 j 03:15	26°♐14'47			-3077 Feb 02 j 05:23	0°♐		
greatest brilliancy	-3080 Aug 27 j 10:15	29°♐54'16	-4.6m		-3077 Feb 26 j 14:01	0°♑		
	-3080 Aug 27 j 15:01	0°♑		asc. node	-3077 Mar 22 j 02:05	28°♑41'59		
morning max el	-3080 Oct 02 j 17:24	29°♑10'01	46°48'11		-3077 Mar 23 j 03:46	0°♒		
	-3080 Oct 03 j 13:00	0°♒			-3077 Apr 17 j 00:06	0°♓		
asc. node	-3080 Oct 04 j 07:14	0°♒46'43			-3077 May 12 j 05:10	0°♓		
	-3080 Oct 30 j 21:37	0°♓			-3077 Jun 06 j 23:25	0°♈		
	-3080 Nov 25 j 08:33	0°♈			-3077 Jul 03 j 18:02	0°♉		
	-3080 Dec 20 j 04:17	0°♉		desc. node	-3077 Jul 11 j 19:32	8°♉38'53		
	-3079 Jan 13 j 19:35	0°♊		evening max el	-3077 Jul 27 j 11:02	24°♉37'45	46°42'57	
desc. node	-3079 Jan 24 j 01:45	12°♊30'23			-3077 Aug 02 j 01:39	0°♊		
	-3079 Feb 07 j 10:04	0°♋		greatest brilliancy	-3077 Sep 04 j 23:57	24°♊13'03	-4.6m	
	-3079 Mar 04 j 00:21	0°♌		retrograde	-3077 Sep 15 j 10:50	26°♊13'37		
	-3079 Mar 28 j 14:01	0°♍		evening set	-3077 Oct 01 j 13:02	21°♊13'18		
morning set	-3079 Apr 07 j 11:42	12°♍06'24		inferior conj	-3077 Oct 06 j 00:08	18°♊34'09	-6°-15'-43	
	-3079 Apr 22 j 02:27	0°♎		minimum elong	-3077 Oct 06 j 10:55	18°♊17'45	6°13'12	
max. Earth dist.	-3079 May 11 j 02:20	23°♎18'21	1.73603 AU	min. Earth dist.	-3077 Oct 06 j 08:02	18°♊22'08	0.26485 AU	
				morning rise	-3077 Oct 11 j 08:42	15°♊25'29		
superior conj	-3079 May 13 j 12:39	26°♎17'36	0°-8'-11	direct	-3077 Oct 26 j 09:15	10°♊58'24		
minimum elong	-3079 May 13 j 14:15	26°♎22'31	0°08'05	asc. node	-3077 Nov 01 j 18:36	11°♊46'42		
behind sun begin	-3079 May 12 j 19:02	25°♎23'27		greatest brilliancy	-3077 Nov 07 j 18:22	13°♊51'30	-4.7m	
behind sun end	-3079 May 14 j 09:28	27°♎21'36			-3077 Nov 30 j 23:11	0°♋		
	-3079 May 16 j 12:59	0°♏		morning max el	-3077 Dec 15 j 23:06	14°♋18'35	46°44'42	
asc. node	-3079 May 17 j 00:13	0°♏34'32			-3077 Dec 30 j 21:14	0°♌		
	-3079 Jun 09 j 21:08	0°♐			-3076 Jan 26 j 15:36	0°♍		
evening rise	-3079 Jun 18 j 03:41	10°♐13'35			-3076 Feb 21 j 10:57	0°♎		
	-3079 Jul 04 j 03:06	0°♑		desc. node	-3076 Feb 21 j 13:39	0°♏07'54		
	-3079 Jul 28 j 08:00	0°♒			-3076 Mar 17 j 19:49	0°♐		
	-3079 Aug 21 j 13:40	0°♓			-3076 Apr 11 j 21:56	0°♑		
desc. node	-3079 Sep 05 j 17:40	18°♓42'14			-3076 May 06 j 18:17	0°♒		
	-3079 Sep 14 j 22:10	0°♈			-3076 May 31 j 08:51	0°♓		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3076 Jun 13 j 08:22	15°♄57'01		asc. node	-3074 Nov 29 j 06:18	12°♄40'19	
asc. node	-3076 Jun 13 j 12:14	16°♄08'53		evening set	-3074 Dec 13 j 11:44	8°♄07'55	
	-3076 Jun 24 j 17:29	0°♄		min. Earth dist.	-3074 Dec 18 j 05:55	5°♄16'08	0.27193 AU
max. Earth dist.	-3076 Jul 15 j 10:13	25°♄42'43	1.72227 AU	inferior conj	-3074 Dec 19 j 07:06	4°♄36'36	4°45'25
	-3076 Jul 18 j 20:45	0°♄		minimum elong	-3074 Dec 18 j 22:19	4°♄50'24	4°43'03
				morning rise	-3074 Dec 24 j 09:36	1°♄30'30	
superior conj	-3076 Jul 19 j 20:20	1°♄13'34	1°11'45		-3074 Dec 27 j 05:30	30°♄	
minimum elong	-3076 Jul 19 j 12:17	0°♄48'26	1°11'40	direct	-3073 Jan 08 j 18:45	26°♄47'33	
	-3076 Aug 11 j 20:15	0°♄		greatest brilliancy	-3073 Jan 19 j 10:47	28°♄53'50	-4.6m
evening rise	-3076 Aug 26 j 08:33	18°♄12'04			-3073 Jan 22 j 02:41	0°♄	
	-3076 Sep 04 j 18:14	0°♄		morning max el	-3073 Feb 27 j 00:06	27°♄34'48	46°07'04
	-3076 Sep 28 j 16:47	0°♄			-3073 Mar 01 j 11:43	0°♄	
desc. node	-3076 Oct 03 j 05:51	5°♄41'06		desc. node	-3073 Mar 21 j 01:18	20°♄09'23	
	-3076 Oct 22 j 17:28	0°♄			-3073 Mar 30 j 03:26	0°♄	
	-3076 Nov 15 j 21:46	0°♄			-3073 Apr 25 j 19:52	0°♄	
	-3076 Dec 10 j 08:25	0°♄			-3073 May 21 j 13:55	0°♄	
	-3075 Jan 04 j 07:19	0°♄			-3073 Jun 15 j 17:06	0°♄	
asc. node	-3075 Jan 24 j 03:49	23°♄05'01			-3073 Jul 10 j 08:29	0°♄	
	-3075 Jan 30 j 06:50	0°♄		asc. node	-3073 Jul 12 j 00:12	2°♄02'03	
	-3075 Feb 27 j 15:10	0°♄			-3073 Aug 03 j 14:13	0°♄	
evening max el	-3075 Mar 01 j 17:41	2°♄02'47	45°20'06	morning set	-3073 Aug 23 j 00:44	24°♄19'37	
greatest brilliancy	-3075 Apr 04 j 21:23	28°♄07'20	-4.5m		-3073 Aug 27 j 13:03	0°♄	
	-3075 Apr 09 j 14:24	0°♄			-3073 Sep 20 j 08:18	0°♄	
retrograde	-3075 Apr 19 j 02:04	1°♄37'45					
	-3075 Apr 28 j 05:11	30°♄		superior conj	-3073 Oct 01 j 06:25	13°♄47'01	1°03'25
evening set	-3075 May 04 j 07:18	27°♄13'38		minimum elong	-3073 Oct 01 j 17:29	14°♄21'54	1°03'06
inferior conj	-3075 May 10 j 13:20	23°♄30'08	1°14'19	max. Earth dist.	-3073 Oct 02 j 00:46	14°♄44'52	1.70919 AU
minimum elong	-3075 May 10 j 16:01	23°♄25'57	1°13'35		-3073 Oct 14 j 03:01	0°♄	
min. Earth dist.	-3075 May 11 j 03:34	23°♄07'55	0.28949 AU	desc. node	-3073 Oct 31 j 17:57	22°♄10'50	
desc. node	-3075 May 15 j 22:11	20°♄14'28			-3073 Nov 06 j 23:19	0°♄	
morning rise	-3075 May 17 j 00:09	19°♄38'05		evening rise	-3073 Nov 12 j 08:49	6°♄46'12	
direct	-3075 Jun 01 j 07:33	15°♄09'59			-3073 Nov 30 j 22:17	0°♄	
greatest brilliancy	-3075 Jun 15 j 16:49	18°♄44'27	-4.5m		-3073 Dec 25 j 00:45	0°♄	
	-3075 Jul 03 j 01:36	0°♄			-3072 Jan 18 j 08:26	0°♄	
morning max el	-3075 Jul 20 j 15:08	15°♄40'10	46°10'38		-3072 Feb 12 j 00:32	0°♄	
	-3075 Aug 03 j 16:27	0°♄		asc. node	-3072 Feb 21 j 15:59	11°♄33'35	
	-3075 Aug 30 j 13:34	0°♄			-3072 Mar 08 j 06:10	0°♄	
asc. node	-3075 Sep 05 j 21:48	7°♄25'03			-3072 Apr 03 j 10:05	0°♄	
	-3075 Sep 24 j 18:31	0°♄			-3072 May 01 j 09:21	0°♄	
	-3075 Oct 19 j 04:38	0°♄		evening max el	-3072 May 11 j 17:04	10°♄10'10	45°22'09
	-3075 Nov 12 j 06:56	0°♄			-3072 Jun 04 j 09:15	0°♄	
	-3075 Dec 06 j 07:46	0°♄		desc. node	-3072 Jun 12 j 09:59	4°♄53'49	
desc. node	-3075 Dec 26 j 15:59	25°♄19'48		greatest brilliancy	-3072 Jun 17 j 13:39	7°♄16'50	-4.5m
	-3075 Dec 30 j 10:11	0°♄		retrograde	-3072 Jun 29 j 10:33	9°♄45'41	
	-3074 Jan 23 j 14:58	0°♄		evening set	-3072 Jul 15 j 21:27	4°♄40'39	
morning set	-3074 Jan 24 j 17:23	1°♄21'40		inferior conj	-3072 Jul 20 j 12:52	1°♄55'41	-7°-34'-59
	-3074 Feb 16 j 21:54	0°♄		minimum elong	-3072 Jul 20 j 03:35	2°♄09'46	7°33'30
				min. Earth dist.	-3072 Jul 20 j 20:27	1°♄44'09	0.27886 AU
superior conj	-3074 Mar 04 j 13:29	19°♄16'52	-1°-19'-54		-3072 Jul 23 j 17:46	30°♄	
minimum elong	-3074 Mar 04 j 19:04	19°♄34'02	1°19'55	morning rise	-3072 Jul 24 j 09:27	29°♄37'04	
max. Earth dist.	-3074 Mar 06 j 06:26	21°♄22'51	1.73344 AU	direct	-3072 Aug 10 j 18:33	23°♄56'12	
	-3074 Mar 13 j 06:37	0°♄		greatest brilliancy	-3072 Aug 25 j 01:23	27°♄35'58	-4.6m
	-3074 Apr 06 j 16:54	0°♄			-3072 Aug 29 j 12:50	0°♄	
evening rise	-3074 Apr 10 j 14:57	4°♄48'15		morning max el	-3072 Sep 30 j 08:22	26°♄49'53	46°47'25
asc. node	-3074 Apr 18 j 14:08	14°♄34'04		asc. node	-3072 Oct 03 j 09:12	29°♄56'54	
	-3074 May 01 j 04:39	0°♄			-3072 Oct 03 j 10:24	0°♄	
	-3074 May 25 j 17:55	0°♄			-3072 Oct 30 j 13:25	0°♄	
	-3074 Jun 19 j 09:22	0°♄			-3072 Nov 24 j 22:15	0°♄	
	-3074 Jul 14 j 04:46	0°♄			-3072 Dec 19 j 16:54	0°♄	
desc. node	-3074 Aug 08 j 07:36	0°♄00'19		desc. node	-3071 Jan 13 j 07:32	0°♄	
	-3074 Aug 08 j 07:30	0°♄			-3071 Jan 23 j 03:55	12°♄01'16	
	-3074 Sep 03 j 00:12	0°♄			-3071 Feb 06 j 21:33	0°♄	
	-3074 Sep 30 j 00:10	0°♄			-3071 Mar 03 j 11:28	0°♄	
evening max el	-3074 Oct 08 j 08:10	8°♄40'45	47°33'15		-3071 Mar 28 j 00:52	0°♄	
	-3074 Oct 31 j 13:53	0°♄		morning set	-3071 Apr 05 j 05:43	10°♄01'43	
greatest brilliancy	-3074 Nov 15 j 12:59	9°♄31'22	-4.7m		-3071 Apr 21 j 13:09	0°♄	
retrograde	-3074 Nov 28 j 11:19	12°♄41'06		max. Earth dist.	-3071 May 09 j 01:29	21°♄29'17	1.73622 AU

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3071 May 11 j 07:20	24° Υ 14'44	0°-11'-14	direct	-3069 Oct 23 j 21:12	8° \mathfrak{M} 28'36	
minimum elong	-3071 May 11 j 09:32	24° Υ 21'29	0°11'07	asc. node	-3069 Oct 31 j 20:44	9° \mathfrak{M} 42'44	
behind sun begin	-3071 May 10 j 17:37	23° Υ 32'34		greatest brilliancy	-3069 Nov 05 j 08:58	11° \mathfrak{M} 23'52	-4.7m
behind sun end	-3071 May 12 j 01:27	25° Υ 10'25			-3069 Dec 01 j 06:04	0° $\underline{\mathfrak{A}}$	
	-3071 May 15 j 23:39	0° \mathfrak{X}		morning max el	-3069 Dec 13 j 11:09	11° $\underline{\mathfrak{A}}$ 49'08	46°45'48
asc. node	-3071 May 16 j 02:16	0° \mathfrak{X} 08'04			-3069 Dec 30 j 15:40	0° \mathfrak{M}	
	-3071 Jun 09 j 07:53	0° \mathfrak{I}			-3068 Jan 26 j 06:22	0° \mathfrak{X}	
evening rise	-3071 Jun 15 j 22:35	8° \mathfrak{I} 10'18		desc. node	-3068 Feb 20 j 15:44	29° \mathfrak{X} 35'48	
	-3071 Jul 03 j 14:02	0° \mathfrak{S}			-3068 Feb 20 j 23:58	0° \mathfrak{S}	
	-3071 Jul 27 j 19:13	0° Ω			-3068 Mar 17 j 07:51	0° \approx	
	-3071 Aug 21 j 01:17	0° \mathfrak{M}			-3068 Apr 11 j 09:22	0° \mathfrak{K}	
desc. node	-3071 Sep 04 j 19:44	18° \mathfrak{M} 12'02			-3068 May 06 j 05:22	0° Υ	
	-3071 Sep 14 j 10:16	0° $\underline{\mathfrak{A}}$			-3068 May 30 j 19:44	0° \mathfrak{X}	
	-3071 Oct 09 j 00:45	0° \mathfrak{M}		morning set	-3068 Jun 11 j 02:31	13° \mathfrak{X} 51'41	
	-3071 Nov 03 j 01:48	0° \mathfrak{X}		asc. node	-3068 Jun 12 j 14:24	15° \mathfrak{X} 42'11	
	-3071 Nov 29 j 02:49	0° \mathfrak{S}			-3068 Jun 24 j 04:18	0° \mathfrak{I}	
evening max el	-3071 Dec 18 j 12:03	20° \mathfrak{S} 42'33	46°37'33	max. Earth dist.	-3068 Jul 13 j 03:06	23° \mathfrak{I} 32'01	1.72290 AU
asc. node	-3071 Dec 26 j 18:08	28° \mathfrak{S} 47'25					
	-3071 Dec 28 j 01:07	0° \approx		superior conj	-3068 Jul 17 j 13:16	29° \mathfrak{I} 02'50	1°09'59
greatest brilliancy	-3070 Jan 22 j 20:59	19° \approx 22'24	-4.6m	minimum elong	-3068 Jul 17 j 04:58	28° \mathfrak{I} 36'58	1°09'52
retrograde	-3070 Feb 06 j 17:48	23° \approx 20'49			-3068 Jul 18 j 07:35	0° \mathfrak{S}	
evening set	-3070 Feb 24 j 11:20	17° \approx 13'33			-3068 Aug 11 j 07:13	0° Ω	
inferior conj	-3070 Feb 28 j 01:30	14° \approx 57'30	8°06'26	evening rise	-3068 Aug 23 j 22:08	15° Ω 49'32	
minimum elong	-3070 Feb 28 j 05:37	14° \approx 50'55	8°06'06		-3068 Sep 04 j 05:23	0° \mathfrak{M}	
min. Earth dist.	-3070 Feb 27 j 21:32	15° \approx 03'51	0.29083 AU		-3068 Sep 28 j 04:08	0° $\underline{\mathfrak{A}}$	
morning rise	-3070 Mar 04 j 00:08	12° \approx 29'07		desc. node	-3068 Oct 02 j 07:51	5° $\underline{\mathfrak{A}}$ 11'40	
direct	-3070 Mar 21 j 13:30	6° \approx 36'38			-3068 Oct 22 j 05:04	0° \mathfrak{M}	
greatest brilliancy	-3070 Apr 02 j 14:50	9° \approx 12'39	-4.5m		-3068 Nov 15 j 09:40	0° \mathfrak{X}	
desc. node	-3070 Apr 17 j 12:37	17° \approx 49'17			-3068 Dec 09 j 20:49	0° \mathfrak{S}	
	-3070 May 02 j 10:36	0° \mathfrak{K}			-3067 Jan 03 j 20:37	0° \approx	
morning max el	-3070 May 09 j 09:19	6° \mathfrak{K} 25'56	45°47'41	asc. node	-3067 Jan 23 j 06:01	22° \approx 29'36	
	-3070 Jun 01 j 12:47	0° Υ			-3067 Jan 29 j 22:12	0° \mathfrak{K}	
	-3070 Jun 28 j 11:42	0° \mathfrak{X}		evening max el	-3067 Feb 27 j 08:11	29° \mathfrak{K} 49'05	45°21'41
	-3070 Jul 24 j 01:26	0° \mathfrak{I}			-3067 Feb 27 j 12:42	0° Υ	
asc. node	-3070 Aug 08 j 12:07	18° \mathfrak{I} 38'47		greatest brilliancy	-3067 Apr 02 j 11:04	25° Υ 56'26	-4.5m
	-3070 Aug 17 j 18:52	0° \mathfrak{S}		retrograde	-3067 Apr 16 j 18:18	29° Υ 30'32	
	-3070 Sep 10 j 23:14	0° Ω		evening set	-3067 May 02 j 01:02	25° Υ 03'40	
	-3070 Oct 04 j 20:30	0° \mathfrak{M}		inferior conj	-3067 May 08 j 05:48	21° Υ 22'00	1°33'21
	-3070 Oct 28 j 15:32	0° $\underline{\mathfrak{A}}$		minimum elong	-3067 May 08 j 09:09	21° Υ 16'46	1°32'27
morning set	-3070 Nov 06 j 05:47	10° $\underline{\mathfrak{A}}$ 49'45		min. Earth dist.	-3067 May 08 j 20:24	20° Υ 59'13	0.28983 AU
	-3070 Nov 21 j 11:35	0° \mathfrak{M}		morning rise	-3067 May 14 j 16:39	17° Υ 29'48	
desc. node	-3070 Nov 28 j 06:03	8° \mathfrak{M} 29'58		desc. node	-3067 May 15 j 00:20	17° Υ 19'20	
	-3070 Dec 15 j 10:06	0° \mathfrak{X}		direct	-3067 May 29 j 23:47	13° Υ 01'00	
				greatest brilliancy	-3067 Jun 13 j 09:58	16° Υ 36'14	-4.5m
superior conj	-3070 Dec 18 j 10:53	3° \mathfrak{X} 47'22	0°-44'-51		-3067 Jul 03 j 10:02	0° \mathfrak{X}	
minimum elong	-3070 Dec 18 j 00:32	3° \mathfrak{X} 15'03	0°44'31	morning max el	-3067 Jul 18 j 06:59	13° \mathfrak{X} 27'54	46°09'24
max. Earth dist.	-3070 Dec 23 j 04:42	9° \mathfrak{X} 42'38	1.71760 AU		-3067 Aug 03 j 10:25	0° \mathfrak{I}	
	-3069 Jan 08 j 11:33	0° \mathfrak{S}			-3067 Aug 30 j 04:03	0° \mathfrak{S}	
evening rise	-3069 Jan 28 j 02:08	24° \mathfrak{S} 19'32		asc. node	-3067 Sep 04 j 23:48	6° \mathfrak{S} 49'38	
	-3069 Feb 01 j 16:15	0° \approx			-3067 Sep 24 j 07:33	0° Ω	
	-3069 Feb 26 j 00:59	0° \mathfrak{K}			-3067 Oct 18 j 16:55	0° \mathfrak{M}	
asc. node	-3069 Mar 21 j 04:03	28° \mathfrak{K} 13'57			-3067 Nov 11 j 18:47	0° $\underline{\mathfrak{A}}$	
	-3069 Mar 22 j 14:59	0° Υ			-3067 Dec 05 j 19:20	0° \mathfrak{M}	
	-3069 Apr 16 j 11:48	0° \mathfrak{X}		desc. node	-3067 Dec 25 j 18:06	24° \mathfrak{M} 50'59	
	-3069 May 11 j 17:45	0° \mathfrak{I}			-3067 Dec 29 j 21:32	0° \mathfrak{X}	
	-3069 Jun 06 j 13:37	0° \mathfrak{S}		morning set	-3066 Jan 22 j 05:47	28° \mathfrak{X} 57'03	
	-3069 Jul 03 j 11:32	0° Ω			-3066 Jan 23 j 02:08	0° \mathfrak{S}	
desc. node	-3069 Jul 10 j 21:45	7° Ω 54'30			-3066 Feb 16 j 08:53	0° \approx	
evening max el	-3069 Jul 24 j 23:28	22° Ω 12'32	46°39'48				
	-3069 Aug 02 j 05:04	0° \mathfrak{M}		superior conj	-3066 Mar 02 j 05:45	17° \approx 05'39	-1°-20'-53
greatest brilliancy	-3069 Sep 02 j 13:43	21° \mathfrak{M} 45'48	-4.6m	minimum elong	-3066 Mar 02 j 10:44	17° \approx 21'01	1°20'53
retrograde	-3069 Sep 12 j 21:48	23° \mathfrak{M} 43'52		max. Earth dist.	-3066 Mar 03 j 23:55	19° \approx 15'28	1.73304 AU
evening set	-3069 Sep 29 j 04:20	18° \mathfrak{M} 39'11			-3066 Mar 12 j 17:29	0° \mathfrak{K}	
inferior conj	-3069 Oct 03 j 12:05	16° \mathfrak{M} 04'52	-6°-32'-54		-3066 Apr 06 j 03:46	0° Υ	
minimum elong	-3069 Oct 03 j 22:53	15° \mathfrak{M} 48'26	6°30'30	evening rise	-3066 Apr 08 j 09:19	2° Υ 44'05	
min. Earth dist.	-3069 Oct 03 j 21:11	15° \mathfrak{M} 51'01	0.26514 AU	asc. node	-3066 Apr 17 j 16:16	14° Υ 07'05	
morning rise	-3069 Oct 08 j 17:15	13° \mathfrak{M} 00'30			-3066 Apr 30 j 15:40	0° \mathfrak{X}	

	-3066 May 25 j 05:17	0°♈			-3064 Oct 30 j 05:29	0°♍		
	-3066 Jun 18 j 21:15	0°♉			-3064 Nov 24 j 12:19	0°♊		
	-3066 Jul 13 j 17:25	0°♋			-3064 Dec 19 j 05:53	0°♌		
desc. node	-3066 Aug 07 j 09:37	29°♌25'26			-3063 Jan 12 j 19:49	0°♈		
	-3066 Aug 07 j 21:20	0°♍		desc. node	-3063 Jan 22 j 06:01	11°♈30'52		
	-3066 Sep 02 j 16:06	0°♊			-3063 Feb 06 j 09:19	0°♉		
	-3066 Sep 29 j 20:44	0°♋			-3063 Mar 02 j 22:51	0°♊		
evening max el	-3066 Oct 05 j 22:41	6°♋17'25	47°33'30		-3063 Mar 27 j 12:01	0°♋		
	-3066 Nov 01 j 08:58	0°♈		morning set	-3063 Apr 02 j 23:50	7°♋56'24		
greatest brilliancy	-3066 Nov 13 j 04:24	7°♈07'14	-4.7m		-3063 Apr 21 j 00:10	0°♍		
retrograde	-3066 Nov 26 j 01:54	10°♈16'10		max. Earth dist.	-3063 May 06 j 23:12	19°♍34'51	1.73638 AU	
asc. node	-3066 Nov 28 j 08:29	10°♈09'38						
evening set	-3066 Dec 10 j 23:41	5°♈45'55		superior conj	-3063 May 09 j 02:19	22°♍11'51	0°-14'-15	
min. Earth dist.	-3066 Dec 15 j 20:04	2°♈51'29	0.27124 AU	minimum elong	-3063 May 09 j 05:06	22°♍20'24	0°14'06	
inferior conj	-3066 Dec 16 j 20:57	2°♈12'33	4°26'40	behind sun begin	-3063 May 08 j 19:01	21°♍49'25		
minimum elong	-3066 Dec 16 j 12:31	2°♈25'46	4°24'19	behind sun end	-3063 May 09 j 15:11	22°♍51'23		
	-3066 Dec 20 j 11:05	30°♌♋		asc. node	-3063 May 15 j 04:30	29°♍41'09		
morning rise	-3066 Dec 22 j 02:03	29°♋03'21			-3063 May 15 j 10:38	0°♈		
direct	-3065 Jan 06 j 08:02	24°♋24'26			-3063 Jun 08 j 18:55	0°♈		
greatest brilliancy	-3065 Jan 17 j 00:49	26°♋32'08	-4.6m	evening rise	-3063 Jun 13 j 17:50	6°♈07'12		
	-3065 Jan 24 j 07:16	0°♈			-3063 Jul 03 j 01:15	0°♉		
morning max el	-3065 Feb 24 j 15:15	25°♈19'03	46°08'24		-3063 Jul 27 j 06:45	0°♋		
	-3065 Mar 01 j 09:39	0°♉			-3063 Aug 20 j 13:15	0°♍		
desc. node	-3065 Mar 20 j 03:15	19°♉28'37		desc. node	-3063 Sep 03 j 21:45	17°♍40'28		
	-3065 Mar 29 j 19:15	0°♊			-3063 Sep 13 j 22:49	0°♊		
	-3065 Apr 25 j 09:19	0°♋			-3063 Oct 08 j 14:05	0°♋		
	-3065 May 21 j 02:11	0°♍			-3063 Nov 02 j 16:26	0°♈		
	-3065 Jun 15 j 04:45	0°♈			-3063 Nov 28 j 20:13	0°♉		
asc. node	-3065 Jul 09 j 19:49	0°♈		evening max el	-3063 Dec 16 j 03:40	18°♉25'22	46°40'33	
	-3065 Jul 11 j 02:22	1°♈33'52		asc. node	-3063 Dec 25 j 20:16	27°♉52'03		
	-3065 Aug 03 j 01:26	0°♉			-3063 Dec 28 j 03:58	0°♊		
morning set	-3065 Aug 20 j 15:00	21°♉58'37		greatest brilliancy	-3062 Jan 20 j 16:03	17°♊13'34	-4.6m	
	-3065 Aug 27 j 00:15	0°♋		retrograde	-3062 Feb 04 j 10:30	21°♊09'27		
	-3065 Sep 19 j 19:32	0°♍		evening set	-3062 Feb 22 j 05:09	15°♊00'54		
				inferior conj	-3062 Feb 25 j 18:13	12°♊46'19	8°11'01	
superior conj	-3065 Sep 28 j 17:20	11°♍14'26	1°05'53	minimum elong	-3062 Feb 25 j 21:41	12°♊40'45	8°10'44	
minimum elong	-3065 Sep 29 j 04:10	11°♍48'35	1°05'36	min. Earth dist.	-3062 Feb 25 j 13:01	12°♊54'38	0.29044 AU	
max. Earth dist.	-3065 Sep 29 j 07:39	11°♍59'37	1.70930 AU	morning rise	-3062 Mar 01 j 14:28	10°♊21'16		
	-3065 Oct 13 j 14:19	0°♊		direct	-3062 Mar 19 j 05:43	4°♊26'20		
desc. node	-3065 Oct 30 j 20:07	21°♊41'58		greatest brilliancy	-3062 Mar 31 j 03:42	6°♊58'46	-4.5m	
	-3065 Nov 06 j 10:41	0°♋		desc. node	-3062 Apr 16 j 14:52	16°♊41'40		
evening rise	-3065 Nov 09 j 17:30	4°♋07'19			-3062 May 02 j 12:00	0°♋		
	-3065 Nov 30 j 09:42	0°♈		morning max el	-3062 May 07 j 00:31	4°♋13'50	45°47'36	
	-3065 Dec 24 j 12:16	0°♉			-3062 Jun 01 j 05:24	0°♍		
	-3064 Jan 17 j 20:10	0°♊			-3062 Jun 28 j 01:33	0°♈		
	-3064 Feb 11 j 12:43	0°♋			-3062 Jul 23 j 14:01	0°♈		
asc. node	-3064 Feb 20 j 17:59	11°♈02'24		asc. node	-3062 Aug 07 j 14:09	18°♈08'01		
	-3064 Mar 07 j 19:16	0°♍			-3062 Aug 17 j 06:48	0°♉		
	-3064 Apr 03 j 01:07	0°♈			-3062 Sep 10 j 10:52	0°♋		
	-3064 May 01 j 05:23	0°♈			-3062 Oct 04 j 08:00	0°♍		
evening max el	-3064 May 09 j 08:45	7°♈57'57	45°20'36		-3062 Oct 28 j 02:59	0°♊		
	-3064 Jun 05 j 10:45	0°♉		morning set	-3062 Nov 03 j 15:47	8°♊14'08		
desc. node	-3064 Jun 11 j 12:08	3°♉23'02			-3062 Nov 20 j 22:59	0°♋		
greatest brilliancy	-3064 Jun 15 j 01:05	4°♉57'27	-4.5m	desc. node	-3062 Nov 27 j 08:13	8°♋01'00		
retrograde	-3064 Jun 27 j 00:28	7°♉28'07			-3062 Dec 14 j 21:27	0°♈		
evening set	-3064 Jul 13 j 07:52	2°♉28'15						
	-3064 Jul 17 j 12:17	30°♌♈		superior conj	-3062 Dec 15 j 20:38	1°♈12'27	0°-41'-28	
inferior conj	-3064 Jul 18 j 03:00	29°♈37'37	-7°-23'-11	minimum elong	-3062 Dec 15 j 10:46	0°♈41'37	0°41'09	
minimum elong	-3064 Jul 17 j 17:23	29°♈52'14	7°21'31	max. Earth dist.	-3062 Dec 20 j 15:46	7°♈12'00	1.71702 AU	
min. Earth dist.	-3064 Jul 18 j 10:08	29°♈26'45	0.27931 AU		-3061 Jan 07 j 22:50	0°♉		
morning rise	-3064 Jul 22 j 02:39	27°♈14'18		evening rise	-3061 Jan 25 j 15:00	21°♉55'50		
direct	-3064 Aug 08 j 09:57	21°♈37'31			-3061 Feb 01 j 03:31	0°♊		
greatest brilliancy	-3064 Aug 22 j 16:00	25°♈16'20	-4.6m		-3061 Feb 25 j 12:20	0°♋		
	-3064 Aug 30 j 20:20	0°♉		asc. node	-3061 Mar 20 j 06:12	27°♋45'22		
morning max el	-3064 Sep 27 j 22:30	24°♉26'33	46°46'22		-3061 Mar 22 j 02:34	0°♍		
asc. node	-3064 Oct 02 j 11:22	29°♉07'08			-3061 Apr 15 j 23:53	0°♈		
	-3064 Oct 03 j 07:33	0°♋			-3061 May 11 j 06:44	0°♈		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3061 Jun 06 j 04:16	0°☿		morning set	-3058 Jan 19 j 18:14	26°♊32'22	
	-3061 Jul 03 j 05:41	0°♌			-3058 Jan 22 j 13:17	0°♌	
desc. node	-3061 Jul 09 j 23:50	7°♌08'24			-3058 Feb 15 j 19:55	0°♌	
evening max el	-3061 Jul 22 j 11:12	19°♌45'17	46°36'45				
	-3061 Aug 02 j 10:27	0°♍		superior conj	-3058 Feb 27 j 21:49	14°♌53'35	-1°-21'-43
greatest brilliancy	-3061 Aug 31 j 03:17	19°♍18'26	-4.6m	minimum elong	-3058 Feb 28 j 02:11	15°♌07'00	1°21'45
retrograde	-3061 Sep 10 j 09:04	21°♍14'48		max. Earth dist.	-3058 Mar 01 j 18:00	17°♌09'36	1.73269 AU
evening set	-3061 Sep 26 j 19:52	16°♍05'19			-3058 Mar 12 j 04:26	0°♍	
inferior conj	-3061 Oct 01 j 00:19	13°♍36'00	-6°-49'-6		-3058 Apr 05 j 14:43	0°♍	
minimum elong	-3061 Oct 01 j 11:03	13°♍19'41	6°46'48	evening rise	-3058 Apr 06 j 03:26	0°♍38'57	
min. Earth dist.	-3061 Oct 01 j 10:33	13°♍20'27	0.26549 AU	asc. node	-3058 Apr 16 j 18:27	13°♍40'03	
morning rise	-3061 Oct 06 j 02:00	10°♍36'24			-3058 Apr 30 j 02:46	0°♍	
direct	-3061 Oct 21 j 09:19	5°♍58'58			-3058 May 24 j 16:41	0°♍	
asc. node	-3061 Oct 30 j 22:57	7°♍43'59			-3058 Jun 18 j 09:10	0°☿	
greatest brilliancy	-3061 Nov 03 j 00:29	8°♍57'29	-4.7m		-3058 Jul 13 j 06:07	0°♌	
	-3061 Dec 01 j 11:04	0°♍		desc. node	-3058 Aug 06 j 11:40	28°♌50'32	
morning max el	-3061 Dec 10 j 23:46	9°♍20'13	46°46'40		-3058 Aug 07 j 11:15	0°♍	
	-3061 Dec 30 j 09:58	0°♍			-3058 Sep 02 j 08:12	0°♍	
	-3060 Jan 25 j 21:19	0°♊			-3058 Sep 29 j 17:57	0°♍	
desc. node	-3060 Feb 19 j 17:45	29°♊02'28		evening max el	-3058 Oct 03 j 14:14	3°♍56'58	47°33'34
	-3060 Feb 20 j 13:17	0°♌			-3058 Nov 02 j 10:39	0°♊	
	-3060 Mar 16 j 20:11	0°♌		greatest brilliancy	-3058 Nov 10 j 19:53	4°♊43'31	-4.7m
	-3060 Apr 10 j 21:05	0°♍		retrograde	-3058 Nov 23 j 16:48	7°♊51'17	
	-3060 May 05 j 16:41	0°♍		asc. node	-3058 Nov 27 j 10:34	7°♊33'33	
	-3060 May 30 j 06:50	0°♊		evening set	-3058 Dec 08 j 11:52	3°♊24'01	
morning set	-3060 Jun 08 j 20:48	11°♊46'11		min. Earth dist.	-3058 Dec 13 j 09:59	0°♊27'17	0.27054 AU
asc. node	-3060 Jun 11 j 16:29	15°♊14'32		inferior conj	-3058 Dec 14 j 10:45	29°♍48'38	4°07'15
	-3060 Jun 23 j 15:19	0°♍		minimum elong	-3058 Dec 14 j 02:44	0°♊01'10	4°04'58
max. Earth dist.	-3060 Jul 10 j 21:52	21°♍26'34	1.72352 AU		-3058 Dec 14 j 03:28	30°♍	
				morning rise	-3058 Dec 19 j 18:25	26°♍36'30	
superior conj	-3060 Jul 15 j 06:29	26°♍52'26	1°08'08	direct	-3057 Jan 03 j 21:42	22°♍01'46	
minimum elong	-3060 Jul 14 j 21:59	26°♍25'55	1°07'59	greatest brilliancy	-3057 Jan 14 j 13:52	24°♍09'39	-4.6m
	-3060 Jul 17 j 18:39	0°☿			-3057 Jan 25 j 17:36	0°♊	
	-3060 Aug 10 j 18:24	0°♌		morning max el	-3057 Feb 22 j 06:23	23°♊03'41	46°09'36
evening rise	-3060 Aug 21 j 12:19	13°♌28'19			-3057 Mar 01 j 06:36	0°♌	
	-3060 Sep 03 j 16:42	0°♍		desc. node	-3057 Mar 19 j 05:31	18°♌49'30	
	-3060 Sep 27 j 15:39	0°♍			-3057 Mar 29 j 10:42	0°♌	
desc. node	-3060 Oct 01 j 10:03	4°♍42'28			-3057 Apr 24 j 22:35	0°♍	
	-3060 Oct 21 j 16:48	0°♍			-3057 May 20 j 14:20	0°♍	
	-3060 Nov 14 j 21:45	0°♊			-3057 Jun 14 j 16:18	0°♊	
	-3060 Dec 09 j 09:26	0°♌			-3057 Jul 09 j 07:02	0°♍	
	-3059 Jan 03 j 10:15	0°♌		asc. node	-3057 Jul 10 j 04:24	1°♍05'41	
asc. node	-3059 Jan 22 j 08:00	21°♌52'39			-3057 Aug 02 j 12:30	0°☿	
	-3059 Jan 29 j 14:03	0°♍		morning set	-3057 Aug 18 j 05:23	19°☿38'36	
evening max el	-3059 Feb 24 j 23:21	27°♍36'10	45°23'25		-3057 Aug 26 j 11:17	0°♌	
	-3059 Feb 27 j 11:28	0°♍			-3057 Sep 19 j 06:35	0°♍	
greatest brilliancy	-3059 Mar 31 j 01:00	23°♍45'12	-4.5m				
retrograde	-3059 Apr 14 j 11:12	27°♍22'45		superior conj	-3057 Sep 26 j 04:31	8°♍43'17	1°08'13
evening set	-3059 Apr 29 j 18:58	22°♍53'06		minimum elong	-3057 Sep 26 j 15:00	9°♍16'23	1°07'57
inferior conj	-3059 May 05 j 22:18	19°♍13'17	1°52'17	max. Earth dist.	-3057 Sep 26 j 12:58	9°♍09'56	1.70944 AU
minimum elong	-3059 May 06 j 02:17	19°♍07'03	1°51'12		-3057 Oct 13 j 01:27	0°♍	
min. Earth dist.	-3059 May 06 j 12:54	18°♍50'31	0.29012 AU	desc. node	-3057 Oct 29 j 22:14	21°♍13'26	
morning rise	-3059 May 12 j 09:04	15°♍21'24			-3057 Nov 05 j 21:54	0°♍	
desc. node	-3059 May 14 j 02:28	14°♍26'44		evening rise	-3057 Nov 07 j 02:13	1°♍28'50	
direct	-3059 May 27 j 16:21	10°♍51'41			-3057 Nov 29 j 20:59	0°♊	
greatest brilliancy	-3059 Jun 11 j 02:55	14°♍27'40	-4.5m		-3057 Dec 23 j 23:38	0°♌	
	-3059 Jul 03 j 16:13	0°♊			-3056 Jan 17 j 07:43	0°♌	
morning max el	-3059 Jul 15 j 23:38	11°♊17'32	46°08'09		-3056 Feb 11 j 00:43	0°♍	
	-3059 Aug 03 j 04:04	0°♍		asc. node	-3056 Feb 19 j 20:09	10°♍32'24	
	-3059 Aug 29 j 18:27	0°☿			-3056 Mar 07 j 08:14	0°♍	
asc. node	-3059 Sep 04 j 01:57	6°☿14'42			-3056 Apr 02 j 16:10	0°♊	
	-3059 Sep 23 j 20:34	0°♌			-3056 May 01 j 01:53	0°♍	
	-3059 Oct 18 j 05:13	0°♍		evening max el	-3056 May 07 j 00:03	5°♍45'16	45°18'59
	-3059 Nov 11 j 06:38	0°♍			-3056 Jun 06 j 22:15	0°☿	
	-3059 Dec 05 j 06:53	0°♍		desc. node	-3056 Jun 10 j 14:12	1°☿49'24	
desc. node	-3059 Dec 24 j 20:09	24°♍21'58		greatest brilliancy	-3056 Jun 12 j 13:47	2°☿40'02	-4.5m
	-3059 Dec 29 j 08:52	0°♊		retrograde	-3056 Jun 24 j 13:59	5°☿11'21	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3056 Jul 10 j 18:28	0°☿16'39			-3054 Dec 14 j 08:26	0°♊	
	-3056 Jul 11 j 06:17	30°♊II		max. Earth dist.	-3054 Dec 18 j 00:40	4°♊35'38	1.71647 AU
inferior conj	-3056 Jul 15 j 17:15	27°♊20'35	-7°-10'-38		-3053 Jan 07 j 09:47	0°♊	
minimum elong	-3056 Jul 15 j 07:23	27°♊35'38	7°08'51	evening rise	-3053 Jan 23 j 03:46	19°♊32'50	
min. Earth dist.	-3056 Jul 16 j 00:19	27°♊09'48	0.27971 AU		-3053 Jan 31 j 14:29	0°♊	
morning rise	-3056 Jul 19 j 20:00	24°♊52'26			-3053 Feb 24 j 23:22	0°♊	
direct	-3056 Aug 06 j 00:54	19°♊19'55		asc. node	-3053 Mar 19 j 08:25	27°♊18'01	
greatest brilliancy	-3056 Aug 20 j 06:32	22°♊57'31	-4.6m		-3053 Mar 21 j 13:50	0°♊	
	-3056 Aug 31 j 18:40	0°♊			-3053 Apr 15 j 11:38	0°♊	
morning max el	-3056 Sep 25 j 11:39	22°♊01'44	46°45'20		-3053 May 10 j 19:25	0°♊	
asc. node	-3056 Oct 01 j 13:38	28°♊19'21			-3053 Jun 05 j 18:43	0°♊	
	-3056 Oct 03 j 03:39	0°♊			-3053 Jul 02 j 23:57	0°♊	
	-3056 Oct 29 j 20:58	0°♊		desc. node	-3053 Jul 09 j 01:52	6°♊22'23	
	-3056 Nov 24 j 01:56	0°♊		evening max el	-3053 Jul 19 j 22:45	17°♊18'31	46°33'34
	-3056 Dec 18 j 18:31	0°♊			-3053 Aug 02 j 17:42	0°♊	
	-3055 Jan 12 j 07:46	0°♊		greatest brilliancy	-3053 Aug 28 j 15:52	16°♊50'21	-4.6m
desc. node	-3055 Jan 21 j 08:03	11°♊01'11		retrograde	-3053 Sep 07 j 20:36	18°♊46'04	
	-3055 Feb 05 j 20:46	0°♊		evening set	-3053 Sep 24 j 11:09	13°♊31'24	
	-3055 Mar 02 j 09:56	0°♊		inferior conj	-3053 Sep 28 j 12:18	11°♊07'09	-7°-4'-27
	-3055 Mar 26 j 22:51	0°♊		minimum elong	-3053 Sep 28 j 22:55	10°♊51'04	7°02'19
morning set	-3055 Mar 31 j 18:01	5°♊52'12		min. Earth dist.	-3053 Sep 28 j 23:28	10°♊50'13	0.26588 AU
	-3055 Apr 20 j 10:53	0°♊		morning rise	-3053 Oct 03 j 10:23	8°♊12'48	
max. Earth dist.	-3055 May 04 j 19:58	17°♊38'27	1.73657 AU	direct	-3053 Oct 18 j 21:28	3°♊29'16	
				asc. node	-3053 Oct 30 j 00:59	5°♊50'03	
superior conj	-3055 May 06 j 21:22	20°♊10'06	0°-17'-15	greatest brilliancy	-3053 Oct 31 j 15:58	6°♊31'31	-4.7m
minimum elong	-3055 May 07 j 00:42	20°♊20'22	0°17'04		-3053 Dec 01 j 14:04	0°♊	
asc. node	-3055 May 14 j 06:33	29°♊14'32		morning max el	-3053 Dec 08 j 13:02	6°♊53'41	46°47'38
	-3055 May 14 j 21:20	0°♊			-3053 Dec 30 j 03:32	0°♊	
	-3055 Jun 08 j 05:43	0°♊			-3052 Jan 25 j 11:44	0°♊	
evening rise	-3055 Jun 11 j 13:02	4°♊04'49		desc. node	-3052 Feb 18 j 19:58	28°♊30'52	
	-3055 Jul 02 j 12:14	0°♊			-3052 Feb 20 j 02:09	0°♊	
	-3055 Jul 26 j 18:03	0°♊			-3052 Mar 16 j 08:09	0°♊	
	-3055 Aug 20 j 00:58	0°♊			-3052 Apr 10 j 08:28	0°♊	
desc. node	-3055 Sep 02 j 23:58	17°♊10'24			-3052 May 05 j 03:41	0°♊	
	-3055 Sep 13 j 11:05	0°♊			-3052 May 29 j 17:36	0°♊	
	-3055 Oct 08 j 03:10	0°♊		morning set	-3052 Jun 06 j 15:19	9°♊42'28	
	-3055 Nov 02 j 06:52	0°♊		asc. node	-3052 Jun 10 j 18:35	14°♊47'57	
	-3055 Nov 28 j 13:37	0°♊			-3052 Jun 23 j 02:00	0°♊	
evening max el	-3055 Dec 13 j 18:22	16°♊06'30	46°43'26	max. Earth dist.	-3052 Jul 08 j 17:40	19°♊25'26	1.72412 AU
asc. node	-3055 Dec 24 j 22:21	26°♊56'15					
	-3055 Dec 28 j 08:06	0°♊		superior conj	-3052 Jul 12 j 23:50	24°♊43'29	1°06'11
greatest brilliancy	-3054 Jan 18 j 10:42	15°♊04'38	-4.6m	minimum elong	-3052 Jul 12 j 15:11	24°♊16'31	1°06'01
retrograde	-3054 Feb 02 j 02:52	18°♊58'40			-3052 Jul 17 j 05:24	0°♊	
evening set	-3054 Feb 19 j 22:35	12°♊49'15			-3052 Aug 10 j 05:17	0°♊	
inferior conj	-3054 Feb 23 j 10:50	10°♊35'49	8°14'44	evening rise	-3052 Aug 19 j 02:38	11°♊08'26	
minimum elong	-3054 Feb 23 j 13:39	10°♊31'19	8°14'33		-3052 Sep 03 j 03:48	0°♊	
min. Earth dist.	-3054 Feb 23 j 04:43	10°♊45'39	0.29004 AU		-3052 Sep 27 j 02:57	0°♊	
morning rise	-3054 Feb 27 j 04:56	8°♊13'50		desc. node	-3052 Sep 30 j 12:07	4°♊13'30	
direct	-3054 Mar 16 j 21:22	2°♊16'36			-3052 Oct 21 j 04:22	0°♊	
greatest brilliancy	-3054 Mar 28 j 17:23	4°♊46'39	-4.5m		-3052 Nov 14 j 09:40	0°♊	
desc. node	-3054 Apr 15 j 16:55	15°♊36'25			-3052 Dec 08 j 21:53	0°♊	
	-3054 May 02 j 11:46	0°♊			-3051 Jan 02 j 23:43	0°♊	
morning max el	-3054 May 04 j 15:07	2°♊01'15	45°47'40	asc. node	-3051 Jan 21 j 10:12	21°♊16'42	
	-3054 May 31 j 21:20	0°♊			-3051 Jan 29 j 05:53	0°♊	
	-3054 Jun 27 j 14:56	0°♊		evening max el	-3051 Feb 22 j 15:12	25°♊25'43	45°25'14
	-3054 Jul 23 j 02:15	0°♊			-3051 Feb 27 j 10:53	0°♊	
asc. node	-3054 Aug 06 j 16:20	17°♊38'33		greatest brilliancy	-3051 Mar 28 j 15:38	21°♊35'35	-4.5m
	-3054 Aug 16 j 18:27	0°♊		retrograde	-3051 Apr 12 j 04:14	25°♊15'27	
	-3054 Sep 09 j 22:13	0°♊		evening set	-3051 Apr 27 j 13:02	20°♊43'06	
	-3054 Oct 03 j 19:12	0°♊		inferior conj	-3051 May 03 j 14:44	17°♊05'07	2°11'05
	-3054 Oct 27 j 14:06	0°♊		minimum elong	-3051 May 03 j 19:21	16°♊57'55	2°09'49
morning set	-3054 Nov 01 j 01:44	5°♊39'17		min. Earth dist.	-3051 May 04 j 05:05	16°♊42'44	0.29039 AU
	-3054 Nov 20 j 10:01	0°♊		morning rise	-3051 May 10 j 01:15	13°♊13'43	
desc. node	-3054 Nov 26 j 10:12	7°♊32'37		desc. node	-3051 May 13 j 04:30	11°♊38'02	
				direct	-3051 May 25 j 09:15	8°♊43'05	
superior conj	-3054 Dec 13 j 06:17	28°♊38'16	0°-38'00	greatest brilliancy	-3051 Jun 08 j 18:52	12°♊18'38	-4.5m
minimum elong	-3054 Dec 12 j 20:59	28°♊09'13	0°37'42		-3051 Jul 03 j 20:07	0°♊	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3051 Jul 13 j 16:30	9°♄08'43	46°06'58			-3048 Feb 10 j 12:51	0°♄		
	-3051 Aug 02 j 21:02	0°♄		asc. node		-3048 Feb 18 j 22:19	10°♄01'58		
	-3051 Aug 29 j 08:26	0°♄				-3048 Mar 06 j 21:22	0°♄		
asc. node	-3051 Sep 03 j 04:10	5°♄40'57				-3048 Apr 02 j 07:30	0°♄		
	-3051 Sep 23 j 09:17	0°♄				-3048 Apr 30 j 23:11	0°♄		
	-3051 Oct 17 j 17:17	0°♄		evening max el		-3048 May 04 j 14:27	3°♄30'14	45°17'31	
	-3051 Nov 10 j 18:19	0°♄				-3048 Jun 09 j 04:41	0°♄		
	-3051 Dec 04 j 18:18	0°♄		desc. node		-3048 Jun 09 j 16:18	0°♄12'10		
desc. node	-3051 Dec 23 j 22:16	23°♄53'32		greatest brilliancy		-3048 Jun 10 j 02:33	0°♄22'35	-4.5m	
	-3051 Dec 28 j 20:04	0°♄		retrograde		-3048 Jun 22 j 03:15	2°♄54'45		
morning set	-3050 Jan 17 j 06:09	24°♄06'23				-3048 Jul 04 j 10:58	30°♄		
	-3050 Jan 22 j 00:18	0°♄		evening set		-3048 Jul 08 j 05:11	28°♄04'47		
	-3050 Feb 15 j 06:46	0°♄		inferior conj		-3048 Jul 13 j 07:33	25°♄03'37	-6°-57'-24	
				minimum elong		-3048 Jul 12 j 21:29	25°♄19'01	6°55'29	
superior conj	-3050 Feb 25 j 13:27	12°♄40'33	-1°-22'-26	min. Earth dist.		-3048 Jul 13 j 14:57	24°♄52'19	0.28012 AU	
minimum elong	-3050 Feb 25 j 17:09	12°♄51'56	1°22'30	morning rise		-3048 Jul 17 j 13:23	22°♄30'40		
max. Earth dist.	-3050 Feb 27 j 13:49	15°♄09'33	1.73229 AU	direct		-3048 Aug 03 j 15:23	17°♄02'05		
	-3050 Mar 11 j 15:12	0°♄		greatest brilliancy		-3048 Aug 17 j 21:56	20°♄39'36	-4.6m	
evening rise	-3050 Apr 03 j 21:22	28°♄33'39				-3048 Sep 01 j 11:22	0°♄		
	-3050 Apr 05 j 01:32	0°♄		morning max el		-3048 Sep 23 j 00:30	19°♄35'55	46°44'31	
asc. node	-3050 Apr 15 j 20:28	13°♄12'55		asc. node		-3048 Sep 30 j 15:35	27°♄31'17		
	-3050 Apr 29 j 13:45	0°♄				-3048 Oct 02 j 23:15	0°♄		
	-3050 May 24 j 03:59	0°♄				-3048 Oct 29 j 12:18	0°♄		
	-3050 Jun 17 j 20:58	0°♄				-3048 Nov 23 j 15:29	0°♄		
	-3050 Jul 12 j 18:42	0°♄				-3048 Dec 18 j 07:06	0°♄		
desc. node	-3050 Aug 05 j 13:54	28°♄16'35				-3047 Jan 11 j 19:44	0°♄		
	-3050 Aug 07 j 01:06	0°♄		desc. node		-3047 Jan 20 j 10:14	10°♄31'43		
	-3050 Sep 02 j 00:23	0°♄				-3047 Feb 05 j 08:18	0°♄		
	-3050 Sep 29 j 15:46	0°♄				-3047 Mar 01 j 21:09	0°♄		
evening max el	-3050 Oct 01 j 05:54	1°♄37'10	47°33'17			-3047 Mar 26 j 09:51	0°♄		
	-3050 Nov 03 j 22:55	0°♄		morning set		-3047 Mar 29 j 11:51	3°♄46'23		
greatest brilliancy	-3050 Nov 08 j 11:57	2°♄20'10	-4.7m			-3047 Apr 19 j 21:45	0°♄		
retrograde	-3050 Nov 21 j 07:21	5°♄25'18		max. Earth dist.		-3047 May 02 j 16:05	15°♄39'37	1.73672 AU	
asc. node	-3050 Nov 26 j 12:40	4°♄50'41							
evening set	-3050 Dec 05 j 23:58	1°♄01'06		superior conj		-3047 May 04 j 16:11	18°♄07'17	0°-20'-13	
	-3050 Dec 07 j 18:29	30°♄		minimum elong		-3047 May 04 j 20:05	18°♄19'15	0°20'01	
min. Earth dist.	-3050 Dec 10 j 23:49	28°♄01'52	0.26987 AU	asc. node		-3047 May 13 j 08:37	28°♄47'34		
inferior conj	-3050 Dec 12 j 00:16	27°♄23'43	3°47'07			-3047 May 14 j 08:11	0°♄		
minimum elong	-3050 Dec 11 j 16:43	27°♄35'30	3°44'54			-3047 Jun 07 j 16:39	0°♄		
morning rise	-3050 Dec 17 j 10:23	24°♄08'35		evening rise		-3047 Jun 09 j 08:10	2°♄01'54		
direct	-3049 Jan 01 j 11:13	19°♄38'14				-3047 Jul 01 j 23:24	0°♄		
greatest brilliancy	-3049 Jan 12 j 02:26	21°♄45'41	-4.6m			-3047 Jul 26 j 05:33	0°♄		
	-3049 Jan 26 j 18:20	0°♄				-3047 Aug 19 j 12:55	0°♄		
morning max el	-3049 Feb 19 j 20:43	20°♄45'59	46°10'49	desc. node		-3047 Sep 02 j 02:00	16°♄39'06		
	-3049 Mar 01 j 02:56	0°♄				-3047 Sep 12 j 23:37	0°♄		
desc. node	-3049 Mar 18 j 07:36	18°♄10'12				-3047 Oct 07 j 16:29	0°♄		
	-3049 Mar 29 j 01:55	0°♄				-3047 Nov 01 j 21:34	0°♄		
	-3049 Apr 24 j 11:43	0°♄				-3047 Nov 28 j 07:30	0°♄		
	-3049 May 20 j 02:24	0°♄		evening max el		-3047 Dec 11 j 08:30	13°♄45'52	46°46'19	
	-3049 Jun 14 j 03:48	0°♄		asc. node		-3047 Dec 24 j 00:31	25°♄59'10		
	-3049 Jul 08 j 18:14	0°♄				-3047 Dec 28 j 14:19	0°♄		
asc. node	-3049 Jul 09 j 06:34	0°♄37'56		greatest brilliancy		-3046 Jan 16 j 04:13	12°♄53'44	-4.6m	
	-3049 Aug 01 j 23:32	0°♄		retrograde		-3046 Jan 30 j 19:22	16°♄47'39		
morning set	-3049 Aug 15 j 20:04	17°♄19'41		evening set		-3046 Feb 17 j 15:46	10°♄37'27		
	-3049 Aug 25 j 22:16	0°♄		inferior conj		-3046 Feb 21 j 03:32	8°♄24'52	8°17'45	
	-3049 Sep 18 j 17:36	0°♄		minimum elong		-3046 Feb 21 j 05:38	8°♄21'29	8°17'37	
				min. Earth dist.		-3046 Feb 20 j 20:28	8°♄36'11	0.28965 AU	
superior conj	-3049 Sep 23 j 16:15	6°♄14'07	1°10'22	morning rise		-3046 Feb 24 j 19:43	6°♄05'45		
minimum elong	-3049 Sep 24 j 02:19	6°♄45'53	1°10'08	direct		-3046 Mar 14 j 12:50	0°♄06'12		
max. Earth dist.	-3049 Sep 23 j 16:34	6°♄15'10	1.70959 AU	greatest brilliancy		-3046 Mar 26 j 08:08	2°♄35'09	-4.5m	
	-3049 Oct 12 j 12:32	0°♄		desc. node		-3046 Apr 14 j 18:57	14°♄32'07		
desc. node	-3049 Oct 29 j 00:14	20°♄44'42				-3046 May 02 j 10:48	0°♄		
evening rise	-3049 Nov 04 j 11:07	28°♄51'04		morning max el		-3046 May 02 j 06:23	29°♄49'27	45°47'46	
	-3049 Nov 05 j 09:05	0°♄				-3046 May 31 j 13:18	0°♄		
	-3049 Nov 29 j 08:15	0°♄				-3046 Jun 27 j 04:27	0°♄		
	-3049 Dec 23 j 11:01	0°♄				-3046 Jul 22 j 14:38	0°♄		
	-3048 Jan 16 j 19:21	0°♄		asc. node		-3046 Aug 05 j 18:28	17°♄08'24		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3046 Aug 16 j 06:17	0°☿		retrograde	-3043 Apr 09 j 21:13	23°♃08'05	
	-3046 Sep 09 j 09:47	0°♌		evening set	-3043 Apr 25 j 07:28	18°♃33'11	
	-3046 Oct 03 j 06:39	0°♍		inferior conj	-3043 May 01 j 07:25	14°♃57'02	2°29'25
	-3046 Oct 27 j 01:27	0°♊		minimum elong	-3043 May 01 j 12:37	14°♃48'55	2°28'01
morning set	-3046 Oct 29 j 11:52	3°♊04'08		min. Earth dist.	-3043 May 01 j 21:23	14°♃35'13	0.29064 AU
	-3046 Nov 19 j 21:18	0°♋		morning rise	-3043 May 07 j 17:28	11°♃06'10	
desc. node	-3046 Nov 25 j 12:20	7°♋03'59		desc. node	-3043 May 12 j 06:40	8°♃53'05	
				direct	-3043 May 23 j 02:36	6°♃34'44	
superior conj	-3046 Dec 10 j 16:04	26°♋03'42	0°-34'-27	greatest brilliancy	-3043 Jun 06 j 09:52	10°♃08'07	-4.5m
minimum elong	-3046 Dec 10 j 07:25	25°♋36'41	0°34'10		-3043 Jul 03 j 22:42	0°♌	
	-3046 Dec 13 j 19:38	0°♍		morning max el	-3043 Jul 11 j 09:17	6°♌59'03	46°05'36
max. Earth dist.	-3046 Dec 15 j 07:29	1°♍52'02	1.71589 AU		-3043 Aug 02 j 14:01	0°♎	
	-3045 Jan 06 j 20:56	0°♎			-3043 Aug 28 j 22:36	0°☿	
evening rise	-3045 Jan 20 j 16:44	17°♎09'50		asc. node	-3043 Sep 02 j 06:09	5°☿05'47	
	-3045 Jan 31 j 01:37	0°♏			-3043 Sep 22 j 22:13	0°♌	
	-3045 Feb 24 j 10:37	0°♐			-3043 Oct 17 j 05:34	0°♍	
asc. node	-3045 Mar 18 j 10:23	26°♐49'11			-3043 Nov 10 j 06:14	0°♊	
	-3045 Mar 21 j 01:21	0°♑			-3043 Dec 04 j 05:59	0°♋	
	-3045 Apr 14 j 23:41	0°♒		desc. node	-3043 Dec 23 j 00:23	23°♋24'13	
	-3045 May 10 j 08:28	0°♎			-3043 Dec 28 j 07:33	0°♍	
	-3045 Jun 05 j 09:38	0°☿		morning set	-3042 Jan 14 j 17:56	21°♍39'03	
	-3045 Jul 02 j 19:01	0°♌			-3042 Jan 21 j 11:37	0°♎	
desc. node	-3045 Jul 08 j 04:05	5°♌35'17			-3042 Feb 14 j 17:54	0°♏	
evening max el	-3045 Jul 17 j 11:10	14°♌53'24	46°30'31				
	-3045 Aug 03 j 03:57	0°♍		superior conj	-3042 Feb 23 j 05:02	10°♏26'27	-1°-23'-2
greatest brilliancy	-3045 Aug 26 j 03:16	14°♍20'36	-4.6m	minimum elong	-3042 Feb 23 j 08:02	10°♏35'40	1°23'06
retrograde	-3045 Sep 05 j 08:43	16°♍16'46		max. Earth dist.	-3042 Feb 25 j 10:19	13°♏10'39	1.73183 AU
evening set	-3045 Sep 22 j 02:25	10°♍56'48			-3042 Mar 11 j 02:14	0°♐	
inferior conj	-3045 Sep 26 j 00:17	8°♍37'28	-7°-18'-51	evening rise	-3042 Apr 01 j 15:21	26°♐27'50	
minimum elong	-3045 Sep 26 j 10:40	8°♍21'46	7°16'53		-3042 Apr 04 j 12:34	0°♑	
min. Earth dist.	-3045 Sep 26 j 11:56	8°♍19'51	0.26631 AU	asc. node	-3042 Apr 14 j 22:36	12°♑45'35	
morning rise	-3045 Sep 30 j 18:39	5°♍48'40			-3042 Apr 29 j 00:57	0°♒	
direct	-3045 Oct 16 j 10:10	0°♍58'47			-3042 May 23 j 15:31	0°♎	
asc. node	-3045 Oct 29 j 03:08	3°♍59'47			-3042 Jun 17 j 09:03	0°☿	
greatest brilliancy	-3045 Oct 29 j 06:49	4°♍03'56	-4.7m		-3042 Jul 12 j 07:37	0°♌	
	-3045 Dec 01 j 16:00	0°♊		desc. node	-3042 Aug 04 j 15:54	27°♌40'48	
morning max el	-3045 Dec 06 j 03:26	4°♊29'00	46°48'37		-3042 Aug 06 j 15:23	0°♍	
	-3045 Dec 29 j 21:03	0°♋			-3042 Sep 01 j 17:11	0°♊	
	-3044 Jan 25 j 02:18	0°♍		evening max el	-3042 Sep 28 j 21:14	29°♊15'30	47°32'51
desc. node	-3044 Feb 17 j 22:02	27°♍58'14			-3042 Sep 29 j 14:50	0°♋	
	-3044 Feb 19 j 15:11	0°♎		greatest brilliancy	-3042 Nov 06 j 04:48	29°♋56'41	-4.7m
	-3044 Mar 15 j 20:17	0°♏			-3042 Nov 06 j 07:46	0°♍	
	-3044 Apr 09 j 20:03	0°♐		retrograde	-3042 Nov 18 j 21:22	2°♍57'53	
	-3044 May 04 j 14:55	0°♑		asc. node	-3042 Nov 25 j 14:51	2°♍00'39	
	-3044 May 29 j 04:39	0°♒			-3042 Nov 30 j 20:02	30°♋	
morning set	-3044 Jun 04 j 09:56	7°♒38'12		evening set	-3042 Dec 03 j 12:12	28°♋36'46	
asc. node	-3044 Jun 09 j 20:45	14°♒20'41		min. Earth dist.	-3042 Dec 08 j 13:56	25°♋34'46	0.26920 AU
	-3044 Jun 22 j 13:00	0°♎		inferior conj	-3042 Dec 09 j 13:40	24°♋57'43	3°26'29
max. Earth dist.	-3044 Jul 06 j 11:46	17°♎18'09	1.72471 AU	minimum elong	-3042 Dec 09 j 06:41	25°♋08'38	3°24'23
				morning rise	-3042 Dec 15 j 02:06	21°♋39'27	
superior conj	-3044 Jul 10 j 17:14	22°♎33'47	1°04'08	direct	-3042 Dec 30 j 00:24	17°♋13'36	
minimum elong	-3044 Jul 10 j 08:29	22°♎06'35	1°03'58	greatest brilliancy	-3041 Jan 09 j 15:22	19°♋20'51	-4.6m
	-3044 Jul 16 j 16:27	0°☿			-3041 Jan 27 j 13:02	0°♍	
	-3044 Aug 09 j 16:28	0°♌		morning max el	-3041 Feb 17 j 10:11	18°♍25'07	46°12'07
evening rise	-3044 Aug 16 j 17:04	8°♌48'03			-3041 Feb 28 j 22:56	0°♎	
	-3044 Sep 02 j 15:10	0°♍		desc. node	-3041 Mar 17 j 09:35	17°♎30'20	
	-3044 Sep 26 j 14:34	0°♊			-3041 Mar 28 j 17:09	0°♏	
desc. node	-3044 Sep 29 j 14:06	3°♊43'20			-3041 Apr 24 j 00:56	0°♐	
	-3044 Oct 20 j 16:17	0°♋			-3041 May 19 j 14:34	0°♑	
	-3044 Nov 13 j 21:57	0°♍			-3041 Jun 13 j 15:23	0°♒	
	-3044 Dec 08 j 10:44	0°♎		asc. node	-3041 Jul 08 j 08:41	0°♎09'47	
	-3043 Jan 02 j 13:36	0°♏			-3041 Jul 08 j 05:30	0°♎	
asc. node	-3043 Jan 20 j 12:22	20°♏39'35			-3041 Aug 01 j 10:41	0°☿	
	-3043 Jan 28 j 22:14	0°♐		morning set	-3041 Aug 13 j 10:51	15°☿00'41	
evening max el	-3043 Feb 20 j 07:51	23°♐16'31	45°27'13		-3041 Aug 25 j 09:25	0°♌	
	-3043 Feb 27 j 11:40	0°♑			-3041 Sep 18 j 04:49	0°♍	
greatest brilliancy	-3043 Mar 26 j 07:24	19°♑27'16	-4.5m				

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3041 Sep 21 j 04:01	3° \mathbb{M} 44'31	1°12'22	morning rise	-3038 Feb 22 j 10:28	3° \approx 56'23	
minimum elong	-3041 Sep 21 j 13:37	4° \mathbb{M} 14'45	1°12'11		-3038 Mar 01 j 23:17	30° \mathbb{R} 3	
max. Earth dist.	-3041 Sep 20 j 18:18	3° \mathbb{M} 13'52	1.70983 AU	direct	-3038 Mar 12 j 03:59	27° \mathbb{Z} 54'42	
	-3041 Oct 11 j 23:50	0° $\underline{\mathbb{A}}$			-3038 Mar 22 j 22:43	0° \approx	
desc. node	-3041 Oct 28 j 02:23	20° $\underline{\mathbb{A}}$ 15'50		greatest brilliancy	-3038 Mar 23 j 22:46	0° \approx 23'02	-4.5m
evening rise	-3041 Nov 01 j 19:42	26° $\underline{\mathbb{A}}$ 11'42		desc. node	-3038 Apr 13 j 21:12	13° \approx 29'36	
	-3041 Nov 04 j 20:27	0° \mathbb{M}		morning max el	-3038 Apr 29 j 22:18	27° \approx 39'15	45°47'59
	-3041 Nov 28 j 19:42	0° \mathbb{X}			-3038 May 02 j 08:56	0° \mathbb{X}	
	-3041 Dec 22 j 22:36	0° \mathbb{Z}			-3038 May 31 j 04:56	0° \mathbb{Y}	
	-3040 Jan 16 j 07:11	0° \approx			-3038 Jun 26 j 17:47	0° \mathbb{B}	
	-3040 Feb 10 j 01:12	0° \mathbb{X}			-3038 Jul 22 j 02:51	0° \mathbb{I}	
asc. node	-3040 Feb 18 j 00:18	9° \mathbb{X} 30'25		asc. node	-3038 Aug 04 j 20:29	16° \mathbb{I} 38'20	
	-3040 Mar 06 j 10:47	0° \mathbb{Y}			-3038 Aug 15 j 17:55	0° \mathbb{S}	
	-3040 Apr 01 j 23:12	0° \mathbb{B}			-3038 Sep 08 j 21:08	0° \mathbb{Q}	
	-3040 Apr 30 j 21:21	0° \mathbb{I}			-3038 Oct 02 j 17:52	0° \mathbb{M}	
evening max el	-3040 May 02 j 04:29	1° \mathbb{I} 14'23	45°16'21	morning set	-3038 Oct 26 j 22:16	0° $\underline{\mathbb{A}}$ 30'23	
greatest brilliancy	-3040 Jun 07 j 14:29	28° \mathbb{I} 04'44	-4.5m		-3038 Oct 26 j 12:38	0° $\underline{\mathbb{A}}$	
desc. node	-3040 Jun 08 j 18:27	28° \mathbb{I} 31'51			-3038 Nov 19 j 08:26	0° \mathbb{M}	
	-3040 Jun 13 j 17:55	0° \mathbb{S}		desc. node	-3038 Nov 24 j 14:29	6° \mathbb{M} 35'45	
retrograde	-3040 Jun 19 j 16:55	0° \mathbb{S} 39'17					
	-3040 Jun 25 j 12:21	30° \mathbb{R} 11		superior conj	-3038 Dec 08 j 01:24	23° \mathbb{M} 27'56	0°-30'-48
evening set	-3040 Jul 05 j 16:14	25° \mathbb{I} 53'27		minimum elong	-3038 Dec 07 j 17:30	23° \mathbb{M} 03'12	0°30'31
inferior conj	-3040 Jul 10 j 22:07	22° \mathbb{I} 47'37	-6°-43'-40	max. Earth dist.	-3038 Dec 12 j 13:31	29° \mathbb{M} 06'11	1.71541 AU
minimum elong	-3040 Jul 10 j 11:53	23° \mathbb{I} 03'15	6°41'36		-3038 Dec 13 j 06:44	0° \mathbb{X}	
min. Earth dist.	-3040 Jul 11 j 05:51	22° \mathbb{I} 35'47	0.28055 AU		-3037 Jan 06 j 08:01	0° \mathbb{Z}	
morning rise	-3040 Jul 15 j 07:03	20° \mathbb{I} 10'02		evening rise	-3037 Jan 18 j 05:02	14° \mathbb{Z} 44'56	
direct	-3040 Aug 01 j 05:53	14° \mathbb{I} 45'03			-3037 Jan 30 j 12:43	0° \approx	
greatest brilliancy	-3040 Aug 15 j 14:26	18° \mathbb{I} 23'53	-4.6m		-3037 Feb 23 j 21:47	0° \mathbb{X}	
	-3040 Sep 01 j 23:45	0° \mathbb{S}		asc. node	-3037 Mar 17 j 12:33	26° \mathbb{X} 21'12	
morning max el	-3040 Sep 20 j 13:52	17° \mathbb{S} 11'32	46°43'27		-3037 Mar 20 j 12:47	0° \mathbb{Y}	
asc. node	-3040 Sep 29 j 17:47	26° \mathbb{S} 44'26			-3037 Apr 14 j 11:41	0° \mathbb{B}	
	-3040 Oct 02 j 18:23	0° \mathbb{Q}			-3037 May 09 j 21:31	0° \mathbb{I}	
	-3040 Oct 29 j 03:33	0° \mathbb{M}			-3037 Jun 05 j 00:38	0° \mathbb{S}	
	-3040 Nov 23 j 05:06	0° $\underline{\mathbb{A}}$			-3037 Jul 02 j 14:23	0° \mathbb{Q}	
	-3040 Dec 17 j 19:48	0° \mathbb{M}		desc. node	-3037 Jul 07 j 06:08	4° \mathbb{Q} 47'36	
	-3039 Jan 11 j 07:48	0° \mathbb{X}		evening max el	-3037 Jul 15 j 00:46	12° \mathbb{Q} 32'06	46°27'35
desc. node	-3039 Jan 19 j 12:17	10° \mathbb{X} 01'35			-3037 Aug 03 j 17:06	0° \mathbb{M}	
	-3039 Feb 04 j 19:54	0° \mathbb{Z}		greatest brilliancy	-3037 Aug 23 j 14:18	11° \mathbb{M} 52'02	-4.6m
	-3039 Mar 01 j 08:25	0° \approx		retrograde	-3037 Sep 02 j 21:14	13° \mathbb{M} 49'00	
	-3039 Mar 25 j 20:54	0° \mathbb{X}		evening set	-3037 Sep 19 j 17:51	8° \mathbb{M} 24'03	
morning set	-3039 Mar 27 j 05:21	1° \mathbb{X} 39'20		inferior conj	-3037 Sep 23 j 12:26	6° \mathbb{M} 09'27	-7°-32'-19
	-3039 Apr 19 j 08:40	0° \mathbb{Y}		minimum elong	-3037 Sep 23 j 22:30	5° \mathbb{M} 54'14	7°30'32
max. Earth dist.	-3039 Apr 30 j 12:28	13° \mathbb{Y} 41'28	1.73686 AU	min. Earth dist.	-3037 Sep 24 j 00:10	5° \mathbb{M} 51'42	0.26671 AU
				morning rise	-3037 Sep 28 j 02:56	3° \mathbb{M} 26'18	
superior conj	-3039 May 02 j 10:59	16° \mathbb{Y} 04'17	0°-23'-11		-3037 Oct 05 j 11:39	30° \mathbb{R} 11	
minimum elong	-3039 May 02 j 15:26	16° \mathbb{Y} 17'55	0°22'58	direct	-3037 Oct 13 j 23:27	28° \mathbb{Q} 30'17	
asc. node	-3039 May 12 j 10:49	28° \mathbb{Y} 20'54			-3037 Oct 22 j 18:11	0° \mathbb{M}	
	-3039 May 13 j 19:03	0° \mathbb{B}		greatest brilliancy	-3037 Oct 26 j 20:35	1° \mathbb{M} 36'37	-4.7m
evening rise	-3039 Jun 07 j 03:31	29° \mathbb{B} 59'44		asc. node	-3037 Oct 28 j 05:19	2° \mathbb{M} 15'20	
	-3039 Jun 07 j 03:36	0° \mathbb{I}			-3037 Dec 01 j 16:12	0° $\underline{\mathbb{A}}$	
	-3039 Jul 01 j 10:32	0° \mathbb{S}		morning max el	-3037 Dec 03 j 18:02	2° $\underline{\mathbb{A}}$ 05'59	46°49'14
	-3039 Jul 25 j 17:00	0° \mathbb{Q}			-3037 Dec 29 j 13:55	0° \mathbb{M}	
	-3039 Aug 19 j 00:49	0° \mathbb{M}			-3036 Jan 24 j 16:29	0° \mathbb{X}	
desc. node	-3039 Sep 01 j 04:02	16° \mathbb{M} 08'01		desc. node	-3036 Feb 17 j 00:03	27° \mathbb{X} 26'03	
	-3039 Sep 12 j 12:07	0° $\underline{\mathbb{A}}$			-3036 Feb 19 j 03:59	0° \mathbb{Z}	
	-3039 Oct 07 j 05:53	0° \mathbb{M}			-3036 Mar 15 j 08:14	0° \approx	
	-3039 Nov 01 j 12:31	0° \mathbb{X}			-3036 Apr 09 j 07:25	0° \mathbb{X}	
	-3039 Nov 28 j 01:55	0° \mathbb{Z}			-3036 May 04 j 01:55	0° \mathbb{Y}	
evening max el	-3039 Dec 08 j 22:54	11° \mathbb{Z} 25'26	46°49'16		-3036 May 28 j 15:28	0° \mathbb{B}	
asc. node	-3039 Dec 23 j 02:38	25° \mathbb{Z} 00'10		morning set	-3036 Jun 02 j 04:19	5° \mathbb{B} 34'02	
	-3039 Dec 28 j 23:15	0° \approx		asc. node	-3036 Jun 08 j 22:48	13° \mathbb{B} 53'46	
greatest brilliancy	-3038 Jan 13 j 20:43	10° \approx 40'35	-4.6m		-3036 Jun 21 j 23:46	0° \mathbb{I}	
retrograde	-3038 Jan 28 j 12:05	14° \approx 35'37		max. Earth dist.	-3036 Jul 04 j 04:03	15° \mathbb{I} 06'03	1.72529 AU
evening set	-3038 Feb 15 j 08:24	8° \approx 24'51					
inferior conj	-3038 Feb 18 j 19:57	6° \approx 12'48	8°20'07	superior conj	-3036 Jul 08 j 10:36	20° \mathbb{I} 24'51	1°02'00
minimum elong	-3038 Feb 18 j 21:21	6° \approx 10'34	8°20'00	minimum elong	-3036 Jul 08 j 01:50	19° \mathbb{I} 57'35	1°01'48
min. Earth dist.	-3038 Feb 18 j 11:46	6° \approx 25'55	0.28924 AU		-3036 Jul 16 j 03:17	0° \mathbb{S}	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3036 Aug 09 j 03:26	0°♈		morning max el	-3033 Feb 14 j 23:01	16°♊03'56	46°13'26
evening rise	-3036 Aug 14 j 07:44	6°♈29'09			-3033 Feb 28 j 17:48	0°♊	
	-3036 Sep 02 j 02:17	0°♎		desc. node	-3033 Mar 16 j 11:51	16°♊52'55	
	-3036 Sep 26 j 01:52	0°♏			-3033 Mar 28 j 07:46	0°♋	
desc. node	-3036 Sep 28 j 16:19	3°♏14'54			-3033 Apr 23 j 13:43	0°♌	
	-3036 Oct 20 j 03:50	0°♍			-3033 May 19 j 02:25	0°♍	
	-3036 Nov 13 j 09:52	0°♊			-3033 Jun 13 j 02:42	0°♎	
	-3036 Dec 07 j 23:14	0°♊		asc. node	-3033 Jul 07 j 10:44	29°♎42'09	
	-3035 Jan 02 j 03:16	0°♋			-3033 Jul 07 j 16:32	0°♏	
asc. node	-3035 Jan 19 j 14:21	20°♋02'26			-3033 Jul 31 j 21:35	0°♐	
	-3035 Jan 28 j 14:36	0°♌		morning set	-3033 Aug 11 j 01:33	12°♐42'15	
evening max el	-3035 Feb 18 j 00:21	21°♌07'18	45°29'02		-3033 Aug 24 j 20:18	0°♑	
	-3035 Feb 27 j 13:35	0°♍			-3033 Sep 17 j 15:46	0°♎	
greatest brilliancy	-3035 Mar 24 j 00:07	17°♍20'14	-4.5m	max. Earth dist.	-3033 Sep 17 j 21:52	0°♎19'13	1.71011 AU
retrograde	-3035 Apr 07 j 13:37	21°♍00'37					
evening set	-3035 Apr 23 j 01:52	16°♍23'15		superior conj	-3033 Sep 18 j 15:50	1°♎15'54	1°14'13
inferior conj	-3035 Apr 28 j 23:57	12°♍49'05	2°47'37	minimum elong	-3033 Sep 19 j 00:53	1°♎44'26	1°14'04
minimum elong	-3035 Apr 29 j 05:42	12°♍40'05	2°46'06		-3033 Oct 11 j 10:53	0°♏	
min. Earth dist.	-3035 Apr 29 j 13:47	12°♍27'26	0.29087 AU	desc. node	-3033 Oct 27 j 04:29	19°♏47'35	
morning rise	-3035 May 05 j 09:18	8°♍58'45		evening rise	-3033 Oct 30 j 04:24	23°♏33'25	
desc. node	-3035 May 11 j 08:45	6°♍11'55			-3033 Nov 04 j 07:35	0°♍	
direct	-3035 May 20 j 19:36	4°♍26'37			-3033 Nov 28 j 06:53	0°♊	
greatest brilliancy	-3035 Jun 03 j 23:43	7°♍56'28	-4.5m		-3033 Dec 22 j 09:53	0°♊	
	-3035 Jul 03 j 23:40	0°♎			-3032 Jan 15 j 18:42	0°♋	
morning max el	-3035 Jul 09 j 01:01	4°♎47'36	46°04'17		-3032 Feb 09 j 13:14	0°♌	
	-3035 Aug 02 j 06:24	0°♏		asc. node	-3032 Feb 17 j 02:30	9°♌00'29	
	-3035 Aug 28 j 12:22	0°♐			-3032 Mar 05 j 23:55	0°♍	
asc. node	-3035 Sep 01 j 08:19	4°♐32'08			-3032 Apr 01 j 14:47	0°♎	
	-3035 Sep 22 j 10:47	0°♑		evening max el	-3032 Apr 29 j 18:35	28°♎59'32	45°15'06
	-3035 Oct 16 j 17:29	0°♎			-3032 Apr 30 j 20:08	0°♏	
	-3035 Nov 09 j 17:46	0°♏		greatest brilliancy	-3032 Jun 05 j 01:24	25°♏46'18	-4.5m
	-3035 Dec 03 j 17:15	0°♍		desc. node	-3032 Jun 07 j 20:30	26°♏48'04	
desc. node	-3035 Dec 22 j 02:25	22°♍56'00		retrograde	-3032 Jun 17 j 06:59	28°♏24'27	
	-3035 Dec 27 j 18:37	0°♊		evening set	-3032 Jul 03 j 03:23	23°♏42'14	
morning set	-3034 Jan 12 j 05:56	19°♊13'32		inferior conj	-3032 Jul 08 j 12:37	20°♏32'01	-6°-29'-12
	-3034 Jan 20 j 22:30	0°♊		minimum elong	-3032 Jul 08 j 02:19	20°♏47'44	6°27'02
	-3034 Feb 14 j 04:40	0°♋		min. Earth dist.	-3032 Jul 08 j 20:35	20°♏19'53	0.28100 AU
				morning rise	-3032 Jul 13 j 00:44	17°♏49'56	
superior conj	-3034 Feb 20 j 20:32	8°♋13'06	-1°-23'-30	direct	-3032 Jul 29 j 20:36	12°♏28'20	
minimum elong	-3034 Feb 20 j 22:46	8°♋20'00	1°23'35	greatest brilliancy	-3032 Aug 13 j 07:42	16°♏09'44	-4.6m
max. Earth dist.	-3034 Feb 23 j 06:55	11°♋13'05	1.73142 AU		-3032 Sep 02 j 08:46	0°♐	
	-3034 Mar 10 j 12:56	0°♌		morning max el	-3032 Sep 18 j 04:06	14°♐50'03	46°42'27
evening rise	-3034 Mar 30 j 09:00	24°♌21'48		asc. node	-3032 Sep 28 j 20:00	25°♐58'47	
	-3034 Apr 03 j 23:20	0°♍			-3032 Oct 02 j 12:50	0°♑	
asc. node	-3034 Apr 14 j 00:46	12°♍19'07			-3032 Oct 28 j 18:25	0°♎	
	-3034 Apr 28 j 11:53	0°♎			-3032 Nov 22 j 18:25	0°♏	
	-3034 May 23 j 02:47	0°♏			-3032 Dec 17 j 08:13	0°♍	
	-3034 Jun 16 j 20:53	0°♐			-3031 Jan 10 j 19:37	0°♊	
	-3034 Jul 11 j 20:20	0°♑		desc. node	-3031 Jan 18 j 14:20	9°♊32'07	
desc. node	-3034 Aug 03 j 17:57	27°♑05'47			-3031 Feb 04 j 07:16	0°♊	
	-3034 Aug 06 j 05:33	0°♎			-3031 Feb 28 j 19:27	0°♋	
	-3034 Sep 01 j 10:00	0°♏		morning set	-3031 Mar 24 j 23:09	29°♋33'51	
evening max el	-3034 Sep 26 j 11:52	26°♏52'55	47°32'20		-3031 Mar 25 j 07:42	0°♌	
	-3034 Sep 29 j 14:32	0°♍			-3031 Apr 18 j 19:21	0°♍	
greatest brilliancy	-3034 Nov 03 j 22:21	27°♍35'02	-4.7m	max. Earth dist.	-3031 Apr 28 j 11:09	11°♍51'06	1.73702 AU
	-3034 Nov 11 j 07:21	0°♊					
retrograde	-3034 Nov 16 j 10:57	0°♊31'41		superior conj	-3031 Apr 30 j 06:03	14°♍02'45	0°-26'-5
	-3034 Nov 21 j 11:34	30°♌06'16		minimum elong	-3031 Apr 30 j 11:00	14°♍17'58	0°25'51
asc. node	-3034 Nov 24 j 16:55	29°♍06'16		asc. node	-3031 May 11 j 12:51	27°♍54'22	
evening set	-3034 Dec 01 j 00:41	26°♍13'21			-3031 May 13 j 05:44	0°♎	
min. Earth dist.	-3034 Dec 06 j 04:32	23°♍08'27	0.26852 AU	evening rise	-3031 Jun 04 j 23:05	27°♎58'49	
inferior conj	-3034 Dec 07 j 03:09	22°♍33'08	3°05'20		-3031 Jun 06 j 14:24	0°♏	
minimum elong	-3034 Dec 06 j 20:46	22°♍43'07	3°03'22		-3031 Jun 30 j 21:35	0°♐	
morning rise	-3034 Dec 12 j 17:44	19°♍11'49			-3031 Jul 25 j 04:25	0°♑	
direct	-3034 Dec 27 j 13:03	14°♍50'18			-3031 Aug 18 j 12:41	0°♎	
greatest brilliancy	-3033 Jan 07 j 05:03	16°♍58'09	-4.6m	desc. node	-3031 Aug 31 j 06:14	15°♎37'30	
	-3033 Jan 28 j 02:19	0°♊			-3031 Sep 12 j 00:37	0°♏	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3031 Oct 06 j 19:17	0°♍				-3028 Mar 14 j 20:17	0°♍		
	-3031 Nov 01 j 03:32	0°♊				-3028 Apr 08 j 18:55	0°♋		
	-3031 Nov 27 j 20:42	0°♌				-3028 May 03 j 13:04	0°♍		
evening max el	-3031 Dec 06 j 14:24	9°♌08'05	46°52'14			-3028 May 28 j 02:24	0°♎		
asc. node	-3031 Dec 22 j 04:43	24°♌00'03		morning set		-3028 May 30 j 23:14	3°♏31'11		
	-3031 Dec 29 j 11:07	0°♎		asc. node		-3028 Jun 08 j 00:54	13°♏26'40		
greatest brilliancy	-3030 Jan 11 j 13:07	8°♎27'41	-4.6m			-3028 Jun 21 j 10:40	0°♐		
retrograde	-3030 Jan 26 j 05:18	12°♎24'02		max. Earth dist.		-3028 Jul 01 j 20:34	12°♐54'30	1.72587 AU	
evening set	-3030 Feb 13 j 00:52	6°♎13'05							
min. Earth dist.	-3030 Feb 16 j 02:52	4°♎16'29	0.28877 AU	superior conj		-3028 Jul 06 j 04:35	18°♐17'34	0°59'49	
inferior conj	-3030 Feb 16 j 12:27	4°♎01'10	8°21'43	minimum elong		-3028 Jul 05 j 19:49	17°♐50'21	0°59'36	
minimum elong	-3030 Feb 16 j 13:09	4°♎00'03	8°21'38			-3028 Jul 15 j 14:15	0°♑		
morning rise	-3030 Feb 20 j 01:37	1°♎47'04				-3028 Aug 08 j 14:32	0°♒		
	-3030 Feb 23 j 03:00	30°♒♌		evening rise		-3028 Aug 11 j 22:55	4°♒11'33		
direct	-3030 Mar 09 j 19:38	25°♌43'45				-3028 Sep 01 j 13:36	0°♓		
greatest brilliancy	-3030 Mar 21 j 12:51	28°♌10'59	-4.5m			-3028 Sep 25 j 13:28	0°♑		
	-3030 Mar 25 j 13:49	0°♎		desc. node		-3028 Sep 27 j 18:23	2°♑45'04		
desc. node	-3030 Apr 12 j 23:14	12°♎28'46				-3028 Oct 19 j 15:45	0°♍		
morning max el	-3030 Apr 27 j 15:03	25°♎31'42	45°48'15			-3028 Nov 12 j 22:10	0°♊		
	-3030 May 02 j 06:00	0°♋				-3028 Dec 07 j 12:09	0°♌		
	-3030 May 30 j 20:10	0°♍				-3027 Jan 01 j 17:23	0°♎		
	-3030 Jun 26 j 06:53	0°♎		asc. node		-3027 Jan 18 j 16:35	19°♎24'43		
	-3030 Jul 21 j 14:58	0°♐				-3027 Jan 28 j 07:36	0°♋		
asc. node	-3030 Aug 03 j 22:41	16°♐08'56		evening max el		-3027 Feb 15 j 16:05	18°♋55'17	45°31'01	
	-3030 Aug 15 j 05:34	0°♑				-3027 Feb 27 j 17:23	0°♍		
	-3030 Sep 08 j 08:33	0°♒		greatest brilliancy		-3027 Mar 21 j 17:06	15°♍12'55	-4.5m	
	-3030 Oct 02 j 05:10	0°♓		retrograde		-3027 Apr 05 j 05:48	18°♍52'57		
morning set	-3030 Oct 24 j 08:38	27°♓56'19		evening set		-3027 Apr 20 j 20:32	14°♍12'53		
	-3030 Oct 25 j 23:51	0°♑		inferior conj		-3027 Apr 26 j 16:42	10°♍41'01	3°05'36	
	-3030 Nov 18 j 19:36	0°♍		minimum elong		-3027 Apr 26 j 22:57	10°♍31'11	3°03'56	
desc. node	-3030 Nov 23 j 16:28	6°♍06'57		min. Earth dist.		-3027 Apr 27 j 06:39	10°♍19'07	0.29106 AU	
				morning rise		-3027 May 03 j 01:08	6°♍51'20		
superior conj	-3030 Dec 05 j 10:30	20°♍51'12	0°-27'-2	desc. node		-3027 May 10 j 10:49	3°♍34'46		
minimum elong	-3030 Dec 05 j 03:25	20°♍29'02	0°26'49	direct		-3027 May 18 j 12:19	2°♍18'18		
max. Earth dist.	-3030 Dec 09 j 22:11	26°♍28'18	1.71493 AU	greatest brilliancy		-3027 Jun 01 j 13:55	5°♍44'50	-4.5m	
	-3030 Dec 12 j 17:52	0°♊				-3027 Jul 03 j 23:40	0°♎		
	-3029 Jan 05 j 19:08	0°♌		morning max el		-3027 Jul 06 j 16:08	2°♏34'10	46°03'10	
evening rise	-3029 Jan 15 j 17:20	12°♌19'48				-3027 Aug 01 j 22:41	0°♐		
	-3029 Jan 29 j 23:51	0°♎				-3027 Aug 28 j 02:10	0°♑		
	-3029 Feb 23 j 09:01	0°♋		asc. node		-3027 Aug 31 j 10:31	3°♑58'15		
asc. node	-3029 Mar 16 j 14:44	25°♋53'09				-3027 Sep 21 j 23:30	0°♒		
	-3029 Mar 20 j 00:16	0°♍				-3027 Oct 16 j 05:39	0°♓		
	-3029 Apr 13 j 23:43	0°♎				-3027 Nov 09 j 05:37	0°♑		
	-3029 May 09 j 10:37	0°♐				-3027 Dec 03 j 04:54	0°♍		
	-3029 Jun 04 j 15:49	0°♑		desc. node		-3027 Dec 21 j 04:33	22°♍26'49		
	-3029 Jul 02 j 10:23	0°♒				-3027 Dec 27 j 06:05	0°♊		
desc. node	-3029 Jul 06 j 08:12	3°♒59'00		morning set		-3026 Jan 09 j 17:16	16°♊44'33		
evening max el	-3029 Jul 12 j 14:52	10°♒11'57	46°24'20			-3026 Jan 20 j 09:47	0°♌		
	-3029 Aug 04 j 10:49	0°♓				-3026 Feb 13 j 15:48	0°♎		
greatest brilliancy	-3029 Aug 21 j 01:26	9°♓23'10	-4.6m						
retrograde	-3029 Aug 31 j 09:19	11°♓20'17		superior conj		-3026 Feb 18 j 11:36	5°♎57'16	-1°-23'-50	
evening set	-3029 Sep 17 j 09:08	5°♓50'42		minimum elong		-3026 Feb 18 j 13:04	6°♎01'46	1°23'56	
inferior conj	-3029 Sep 21 j 00:29	3°♓40'35	-7°-44'-55	max. Earth dist.		-3026 Feb 21 j 02:21	9°♎10'46	1.73092 AU	
minimum elong	-3029 Sep 21 j 10:09	3°♓25'57	7°43'18			-3026 Mar 10 j 00:01	0°♋		
min. Earth dist.	-3029 Sep 21 j 12:19	3°♓22'40	0.26715 AU	evening rise		-3026 Mar 28 j 02:27	22°♋14'02		
morning rise	-3029 Sep 25 j 11:00	1°♓03'02				-3026 Apr 03 j 10:27	0°♍		
	-3029 Sep 27 j 09:12	30°♓♒		asc. node		-3026 Apr 13 j 02:47	11°♍51'11		
direct	-3029 Oct 11 j 12:52	26°♒01'01				-3026 Apr 27 j 23:11	0°♎		
greatest brilliancy	-3029 Oct 24 j 09:55	29°♒07'39	-4.7m			-3026 May 22 j 14:26	0°♐		
	-3029 Oct 26 j 05:30	0°♓				-3026 Jun 16 j 09:04	0°♑		
asc. node	-3029 Oct 27 j 07:21	0°♓33'35				-3026 Jul 11 j 09:23	0°♒		
morning max el	-3029 Dec 01 j 07:54	29°♓40'06	46°49'53	desc. node		-3026 Aug 02 j 20:12	26°♒30'30		
	-3029 Dec 01 j 15:42	0°♑				-3026 Aug 05 j 20:03	0°♓		
	-3029 Dec 29 j 06:43	0°♍				-3026 Sep 01 j 03:22	0°♑		
	-3028 Jan 24 j 06:43	0°♊		evening max el		-3026 Sep 24 j 01:21	24°♑26'46	47°31'29	
desc. node	-3028 Feb 16 j 02:17	26°♊54'11				-3026 Sep 29 j 15:39	0°♍		
	-3028 Feb 18 j 16:52	0°♌		greatest brilliancy		-3026 Nov 01 j 15:20	25°♍11'15	-4.7m	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3026 Nov 14 j 00:02	28° \mathbb{M} 03'56		minimum elong	-3023 Apr 28 j 06:04	12° Υ 15'23	0°28'45
asc. node	-3026 Nov 23 j 19:03	26° \mathbb{M} 04'29		asc. node	-3023 May 10 j 14:58	27° Υ 27'05	
evening set	-3026 Nov 28 j 13:09	23° \mathbb{M} 47'41			-3023 May 12 j 16:44	0° \mathcal{B}	
min. Earth dist.	-3026 Dec 03 j 19:18	20° \mathbb{M} 39'53	0.26797 AU	evening rise	-3023 Jun 02 j 18:20	25° \mathcal{B} 56'04	
inferior conj	-3026 Dec 04 j 16:30	20° \mathbb{M} 06'48	2°43'32		-3023 Jun 06 j 01:30	0° \mathbb{I}	
minimum elong	-3026 Dec 04 j 10:46	20° \mathbb{M} 15'45	2°41'45		-3023 Jun 30 j 08:55	0° \mathfrak{S}	
morning rise	-3026 Dec 10 j 09:08	16° \mathbb{M} 42'35			-3023 Jul 24 j 16:06	0° \mathcal{Q}	
direct	-3026 Dec 25 j 01:17	12° \mathbb{M} 24'45			-3023 Aug 18 j 00:51	0° \mathfrak{M}	
greatest brilliancy	-3025 Jan 04 j 20:03	14° \mathbb{M} 34'49	-4.6m	desc. node	-3023 Aug 30 j 08:16	15° \mathfrak{M} 05'38	
	-3025 Jan 28 j 13:00	0° \mathcal{A}			-3023 Sep 11 j 13:22	0° \mathfrak{L}	
morning max el	-3025 Feb 12 j 11:55	13° \mathcal{A} 40'55	46°14'49		-3023 Oct 06 j 08:58	0° \mathbb{M}	
	-3025 Feb 28 j 12:48	0° \mathfrak{S}			-3023 Oct 31 j 18:53	0° \mathcal{A}	
desc. node	-3025 Mar 15 j 13:55	16° \mathfrak{S} 13'42			-3023 Nov 27 j 16:06	0° \mathfrak{S}	
	-3025 Mar 27 j 22:43	0° \approx		evening max el	-3023 Dec 04 j 06:36	6° \mathfrak{S} 52'09	46°55'05
	-3025 Apr 23 j 02:52	0° \mathcal{H}		asc. node	-3023 Dec 21 j 06:54	22° \mathfrak{S} 58'24	
	-3025 May 18 j 14:36	0° Υ			-3023 Dec 30 j 03:16	0° \approx	
	-3025 Jun 12 j 14:21	0° \mathcal{B}		greatest brilliancy	-3022 Jan 09 j 05:53	6° \approx 14'44	-4.6m
asc. node	-3025 Jul 06 j 12:55	29° \mathcal{B} 13'54		retrograde	-3022 Jan 23 j 22:34	10° \approx 11'26	
	-3025 Jul 07 j 03:54	0° \mathbb{I}		evening set	-3022 Feb 10 j 16:55	4° \approx 00'53	
	-3025 Jul 31 j 08:48	0° \mathfrak{S}		min. Earth dist.	-3022 Feb 13 j 17:33	2° \approx 06'29	0.28832 AU
morning set	-3025 Aug 08 j 16:46	10° \mathfrak{S} 24'34		inferior conj	-3022 Feb 14 j 04:50	1° \approx 48'29	8°22'29
	-3025 Aug 24 j 07:29	0° \mathcal{Q}		minimum elong	-3022 Feb 14 j 04:48	1° \approx 48'31	8°22'25
max. Earth dist.	-3025 Sep 15 j 05:31	27° \mathcal{Q} 36'39	1.71039 AU		-3022 Feb 17 j 01:29	30° \mathcal{R} \mathfrak{S}	
				morning rise	-3022 Feb 17 j 16:56	29° \mathfrak{S} 36'12	
superior conj	-3025 Sep 16 j 04:19	28° \mathcal{Q} 48'32	1°15'55	direct	-3022 Mar 07 j 11:44	23° \mathfrak{S} 31'53	
minimum elong	-3025 Sep 16 j 12:46	29° \mathcal{Q} 15'09	1°15'46	greatest brilliancy	-3022 Mar 19 j 02:08	25° \mathfrak{S} 57'05	-4.5m
	-3025 Sep 17 j 02:59	0° \mathfrak{M}			-3022 Mar 27 j 05:33	0° \approx	
	-3025 Oct 10 j 22:11	0° \mathfrak{L}		desc. node	-3022 Apr 12 j 01:18	11° \approx 28'28	
desc. node	-3025 Oct 26 j 06:31	19° \mathfrak{L} 18'20		morning max el	-3022 Apr 25 j 07:57	23° \approx 23'35	45°48'23
evening rise	-3025 Oct 27 j 13:39	20° \mathfrak{L} 56'06			-3022 May 02 j 02:44	0° \mathcal{H}	
	-3025 Nov 03 j 18:59	0° \mathbb{M}			-3022 May 30 j 11:30	0° Υ	
	-3025 Nov 27 j 18:24	0° \mathcal{A}			-3022 Jun 25 j 20:09	0° \mathcal{B}	
	-3025 Dec 21 j 21:34	0° \mathfrak{S}			-3022 Jul 21 j 03:14	0° \mathbb{I}	
	-3024 Jan 15 j 06:41	0° \approx		asc. node	-3022 Aug 03 j 00:49	15° \mathbb{I} 38'56	
	-3024 Feb 09 j 01:48	0° \mathcal{H}			-3022 Aug 14 j 17:19	0° \mathfrak{S}	
asc. node	-3024 Feb 16 j 04:39	8° \mathcal{H} 28'51			-3022 Sep 07 j 20:04	0° \mathcal{Q}	
	-3024 Mar 05 j 13:38	0° Υ			-3022 Oct 01 j 16:34	0° \mathfrak{M}	
	-3024 Apr 01 j 07:07	0° \mathcal{B}		morning set	-3022 Oct 21 j 19:09	25° \mathfrak{M} 22'28	
evening max el	-3024 Apr 27 j 09:10	26° \mathcal{B} 44'47	45°14'10		-3022 Oct 25 j 11:10	0° \mathfrak{L}	
	-3024 Apr 30 j 20:28	0° \mathbb{I}			-3022 Nov 18 j 06:51	0° \mathbb{M}	
greatest brilliancy	-3024 Jun 02 j 11:49	23° \mathbb{I} 26'29	-4.5m	desc. node	-3022 Nov 22 j 18:38	5° \mathbb{M} 38'29	
desc. node	-3024 Jun 06 j 22:38	24° \mathbb{I} 59'26					
retrograde	-3024 Jun 14 j 21:36	26° \mathbb{I} 08'51		superior conj	-3022 Dec 02 j 19:44	18° \mathbb{M} 14'39	0°-23'-14
evening set	-3024 Jun 30 j 14:45	21° \mathbb{I} 30'01		minimum elong	-3022 Dec 02 j 13:34	17° \mathbb{M} 55'17	0°23'03
inferior conj	-3024 Jul 06 j 03:08	18° \mathbb{I} 15'32	-6°-14'-8	max. Earth dist.	-3022 Dec 07 j 09:29	23° \mathbb{M} 58'23	1.71441 AU
minimum elong	-3024 Jul 05 j 16:50	18° \mathbb{I} 31'13	6°11'53		-3022 Dec 12 j 05:03	0° \mathcal{A}	
min. Earth dist.	-3024 Jul 06 j 10:59	18° \mathbb{I} 03'35	0.28141 AU		-3021 Jan 05 j 06:17	0° \mathfrak{S}	
morning rise	-3024 Jul 10 j 18:26	15° \mathbb{I} 29'06		evening rise	-3021 Jan 13 j 05:45	9° \mathfrak{S} 54'54	
direct	-3024 Jul 27 j 11:52	10° \mathbb{I} 10'52			-3021 Jan 29 j 10:59	0° \approx	
greatest brilliancy	-3024 Aug 11 j 00:48	13° \mathbb{I} 54'47	-4.6m		-3021 Feb 22 j 20:17	0° \mathcal{H}	
	-3024 Sep 02 j 15:40	0° \mathfrak{S}		asc. node	-3021 Mar 15 j 16:43	25° \mathcal{H} 24'17	
morning max el	-3024 Sep 15 j 19:15	12° \mathfrak{S} 30'25	46°41'34		-3021 Mar 19 j 11:50	0° Υ	
asc. node	-3024 Sep 27 j 21:58	25° \mathfrak{S} 12'25			-3021 Apr 13 j 11:56	0° \mathcal{B}	
	-3024 Oct 02 j 07:05	0° \mathcal{Q}			-3021 May 08 j 23:58	0° \mathbb{I}	
	-3024 Oct 28 j 09:19	0° \mathfrak{M}			-3021 Jun 04 j 07:22	0° \mathfrak{S}	
	-3024 Nov 22 j 07:48	0° \mathfrak{L}			-3021 Jul 02 j 07:10	0° \mathcal{Q}	
	-3024 Dec 16 j 20:46	0° \mathbb{M}		desc. node	-3021 Jul 05 j 10:25	3° \mathcal{Q} 09'36	
	-3023 Jan 10 j 07:37	0° \mathcal{A}		evening max el	-3021 Jul 10 j 04:35	7° \mathcal{Q} 50'38	46°21'10
desc. node	-3023 Jan 17 j 16:32	9° \mathcal{A} 02'26			-3021 Aug 05 j 10:41	0° \mathfrak{M}	
	-3023 Feb 03 j 18:53	0° \mathfrak{S}		greatest brilliancy	-3021 Aug 18 j 13:21	6° \mathfrak{M} 55'22	-4.6m
	-3023 Feb 28 j 06:48	0° \approx		retrograde	-3021 Aug 28 j 21:01	8° \mathfrak{M} 51'43	
morning set	-3023 Mar 22 j 16:26	27° \approx 25'40		evening set	-3021 Sep 15 j 00:23	3° \mathfrak{M} 17'55	
	-3023 Mar 24 j 18:50	0° \mathcal{H}		inferior conj	-3021 Sep 18 j 12:36	1° \mathfrak{M} 12'05	-7°-56'-29
	-3023 Apr 18 j 06:22	0° Υ		minimum elong	-3021 Sep 18 j 21:48	0° \mathfrak{M} 58'09	7°55'04
max. Earth dist.	-3023 Apr 26 j 10:15	10° Υ 00'55	1.73712 AU	min. Earth dist.	-3021 Sep 19 j 00:40	0° \mathfrak{M} 53'48	0.26757 AU
					-3021 Sep 20 j 12:23	30° \mathcal{R} \mathcal{Q}	
superior conj	-3023 Apr 28 j 00:37	11° Υ 58'39	0°-29'00	morning rise	-3021 Sep 22 j 19:03	28° \mathcal{Q} 40'04	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3021 Oct 09 j 01:55	23°032'08			-3018 Apr 27 j 10:11	0°8	
greatest brilliancy	-3021 Oct 21 j 23:21	26°038'54	-4.7m		-3018 May 22 j 01:47	0°II	
asc. node	-3021 Oct 26 j 09:33	28°055'51			-3018 Jun 15 j 21:01	0°☿	
	-3021 Oct 28 j 04:46	0°൬			-3018 Jul 10 j 22:19	0°0	
morning max el	-3021 Nov 28 j 20:49	27°൬11'51	46°50'31	desc. node	-3018 Aug 01 j 22:10	25°054'33	
	-3021 Dec 01 j 14:11	0°0			-3018 Aug 05 j 10:35	0°൬	
	-3021 Dec 28 j 23:10	0°൬			-3018 Aug 31 j 20:57	0°0	
	-3020 Jan 23 j 20:44	0°0		evening max el	-3018 Sep 21 j 14:22	22°00'01	47°30'44
desc. node	-3020 Feb 15 j 04:19	26°022'11			-3018 Sep 29 j 17:55	0°൬	
	-3020 Feb 18 j 05:34	0°0		greatest brilliancy	-3018 Oct 30 j 07:27	22°046'41	-4.7m
	-3020 Mar 14 j 08:10	0°≈		retrograde	-3018 Nov 11 j 13:08	25°036'39	
	-3020 Apr 08 j 06:17	0°0		asc. node	-3018 Nov 22 j 21:13	22°057'45	
	-3020 May 03 j 00:07	0°0		evening set	-3018 Nov 26 j 01:39	21°021'48	
	-3020 May 27 j 13:19	0°8		min. Earth dist.	-3018 Dec 01 j 09:46	18°011'47	0.26741 AU
morning set	-3020 May 28 j 17:56	1°027'48		inferior conj	-3018 Dec 02 j 05:41	17°040'48	2°21'23
asc. node	-3020 Jun 07 j 03:06	12°059'56		minimum elong	-3018 Dec 02 j 00:39	17°048'38	2°19'45
	-3020 Jun 20 j 21:33	0°II		morning rise	-3018 Dec 08 j 00:18	14°014'06	
max. Earth dist.	-3020 Jun 29 j 12:29	10°041'08	1.72647 AU	direct	-3018 Dec 22 j 13:22	9°059'22	
				greatest brilliancy	-3017 Jan 02 j 11:07	12°012'18	-4.6m
superior conj	-3020 Jul 03 j 22:20	16°009'45	0°57'31		-3017 Jan 28 j 20:28	0°0	
minimum elong	-3020 Jul 03 j 13:39	15°042'44	0°57'18	morning max el	-3017 Feb 10 j 01:26	11°020'17	46°16'18
	-3020 Jul 15 j 01:12	0°☿			-3017 Feb 28 j 06:55	0°0	
	-3020 Aug 08 j 01:36	0°0		desc. node	-3017 Mar 14 j 15:55	15°035'49	
evening rise	-3020 Aug 09 j 13:58	1°053'44			-3017 Mar 27 j 13:05	0°≈	
	-3020 Sep 01 j 00:51	0°൬			-3017 Apr 22 j 15:32	0°0	
	-3020 Sep 25 j 00:58	0°0			-3017 May 18 j 02:21	0°0	
desc. node	-3020 Sep 26 j 20:24	2°015'25			-3017 Jun 12 j 01:35	0°8	
	-3020 Oct 19 j 03:34	0°൬		asc. node	-3017 Jul 05 j 15:02	28°046'42	
	-3020 Nov 12 j 10:23	0°0			-3017 Jul 06 j 14:51	0°II	
	-3020 Dec 07 j 01:00	0°0			-3017 Jul 30 j 19:40	0°☿	
	-3019 Jan 01 j 07:27	0°≈		morning set	-3017 Aug 06 j 08:00	8°008'02	
asc. node	-3019 Jan 17 j 18:43	18°046'58			-3017 Aug 23 j 18:23	0°0	
	-3019 Jan 28 j 00:44	0°0		max. Earth dist.	-3017 Sep 12 j 14:20	24°058'27	1.71074 AU
evening max el	-3019 Feb 13 j 06:54	16°041'37	45°33'07				
	-3019 Feb 27 j 22:43	0°0		superior conj	-3017 Sep 13 j 16:34	26°021'10	1°17'27
greatest brilliancy	-3019 Mar 19 j 09:15	13°005'17	-4.5m	minimum elong	-3017 Sep 14 j 00:20	26°045'38	1°17'21
retrograde	-3019 Apr 02 j 21:58	16°046'22			-3017 Sep 16 j 13:59	0°൬	
evening set	-3019 Apr 18 j 15:18	12°003'10			-3017 Oct 10 j 09:17	0°0	
inferior conj	-3019 Apr 24 j 09:32	8°033'55	3°23'03	evening rise	-3017 Oct 24 j 22:25	18°017'58	
minimum elong	-3019 Apr 24 j 16:16	8°023'19	3°21'18	desc. node	-3017 Oct 25 j 08:41	18°050'13	
min. Earth dist.	-3019 Apr 24 j 23:42	8°011'38	0.29128 AU		-3017 Nov 03 j 06:08	0°൬	
morning rise	-3019 Apr 30 j 16:55	4°045'09			-3017 Nov 27 j 05:38	0°0	
desc. node	-3019 May 09 j 12:58	1°002'49			-3017 Dec 21 j 08:57	0°0	
direct	-3019 May 16 j 04:42	0°010'48			-3016 Jan 14 j 18:21	0°≈	
greatest brilliancy	-3019 May 30 j 05:14	3°035'19	-4.5m		-3016 Feb 08 j 14:03	0°0	
	-3019 Jul 03 j 22:28	0°8		asc. node	-3016 Feb 15 j 06:38	7°057'45	
morning max el	-3019 Jul 04 j 07:08	0°820'54	46°01'58		-3016 Mar 05 j 03:04	0°0	
	-3019 Aug 01 j 14:36	0°II			-3016 Mar 31 j 23:17	0°8	
	-3019 Aug 27 j 15:46	0°☿		evening max el	-3016 Apr 25 j 00:48	24°034'04	45°13'23
asc. node	-3019 Aug 30 j 12:31	3°024'14			-3016 Apr 30 j 21:23	0°II	
	-3019 Sep 21 j 12:01	0°0		greatest brilliancy	-3016 May 30 j 22:45	21°009'17	-4.5m
	-3019 Oct 15 j 17:36	0°൬		desc. node	-3016 Jun 06 j 00:46	23°008'37	
	-3019 Nov 08 j 17:14	0°0		retrograde	-3016 Jun 12 j 12:38	23°055'17	
	-3019 Dec 02 j 16:17	0°൬		evening set	-3016 Jun 28 j 02:35	19°019'52	
desc. node	-3019 Dec 20 j 06:40	21°058'24		inferior conj	-3016 Jul 03 j 17:52	16°001'07	-5°-58'-38
	-3019 Dec 26 j 17:17	0°0		minimum elong	-3016 Jul 03 j 07:38	16°016'42	5°56'19
morning set	-3018 Jan 07 j 04:26	14°015'44		min. Earth dist.	-3016 Jul 04 j 01:16	15°049'51	0.28183 AU
	-3018 Jan 19 j 20:48	0°0		morning rise	-3016 Jul 08 j 12:15	13°010'26	
	-3018 Feb 13 j 02:40	0°≈		direct	-3016 Jul 25 j 03:44	7°055'46	
				greatest brilliancy	-3016 Aug 08 j 17:07	11°040'45	-4.6m
superior conj	-3018 Feb 16 j 02:42	3°042'17	-1°-24'-2		-3016 Sep 02 j 19:54	0°☿	
minimum elong	-3018 Feb 16 j 03:22	3°044'21	1°24'08	morning max el	-3016 Sep 13 j 10:41	10°012'53	46°40'17
max. Earth dist.	-3018 Feb 18 j 19:40	7°002'43	1.73040 AU	asc. node	-3016 Sep 27 j 00:12	24°028'23	
	-3018 Mar 09 j 10:48	0°0			-3016 Oct 02 j 00:36	0°0	
evening rise	-3018 Mar 25 j 19:56	20°007'18			-3016 Oct 27 j 23:48	0°൬	
	-3018 Apr 02 j 21:16	0°0			-3016 Nov 21 j 20:55	0°0	
asc. node	-3018 Apr 12 j 04:57	11°024'37			-3016 Dec 16 j 09:02	0°൬	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3015 Jan 09 j 19:20	0°♊		evening max el	-3013 Jul 07 j 17:36	5°♌28'29	46°18'02
desc. node	-3015 Jan 16 j 18:34	8°♊33'10			-3013 Aug 06 j 18:49	0°♍	
	-3015 Feb 03 j 06:10	0°♋		greatest brilliancy	-3013 Aug 16 j 02:17	4°♍30'04	-4.6m
	-3015 Feb 27 j 17:47	0°♌		retrograde	-3013 Aug 26 j 08:30	6°♍24'59	
morning set	-3015 Mar 20 j 09:42	25°♌18'28		evening set	-3013 Sep 12 j 15:42	0°♍47'14	
	-3015 Mar 24 j 05:37	0°♍			-3013 Sep 13 j 23:41	30°♍	
	-3015 Apr 17 j 17:02	0°♎		inferior conj	-3013 Sep 16 j 01:01	28°♌45'30	-8°-6'-56
max. Earth dist.	-3015 Apr 24 j 09:53	8°♎13'26	1.73718 AU	minimum elong	-3013 Sep 16 j 09:38	28°♌32'26	8°05'44
				min. Earth dist.	-3013 Sep 16 j 13:32	28°♌26'31	0.26800 AU
superior conj	-3015 Apr 25 j 19:20	9°♎56'05	0°-31'-51	morning rise	-3013 Sep 20 j 03:23	26°♌19'00	
minimum elong	-3015 Apr 26 j 01:16	10°♎14'17	0°31'36	direct	-3013 Oct 06 j 14:39	21°♌04'57	
asc. node	-3015 May 09 j 17:09	27°♎01'07		greatest brilliancy	-3013 Oct 19 j 13:39	24°♌12'38	-4.7m
	-3015 May 12 j 03:22	0°♏		asc. node	-3013 Oct 25 j 11:41	27°♌22'50	
evening rise	-3015 May 31 j 13:51	23°♏55'19			-3013 Oct 29 j 12:05	0°♐	
	-3015 Jun 05 j 12:14	0°♐		morning max el	-3013 Nov 26 j 08:55	24°♐42'07	46°50'59
	-3015 Jun 29 j 19:53	0°♑			-3013 Dec 01 j 11:32	0°♑	
	-3015 Jul 24 j 03:25	0°♒			-3013 Dec 28 j 15:10	0°♒	
	-3015 Aug 17 j 12:39	0°♓			-3012 Jan 23 j 10:32	0°♊	
desc. node	-3015 Aug 29 j 10:20	14°♓34'54		desc. node	-3012 Feb 14 j 06:20	25°♊50'26	
	-3015 Sep 11 j 01:52	0°♑			-3012 Feb 17 j 18:10	0°♋	
	-3015 Oct 05 j 22:29	0°♒			-3012 Mar 13 j 19:58	0°♌	
	-3015 Oct 31 j 10:15	0°♊			-3012 Apr 07 j 17:34	0°♍	
	-3015 Nov 27 j 11:57	0°♋			-3012 May 02 j 11:05	0°♎	
evening max el	-3015 Dec 01 j 23:12	4°♋37'18	46°57'48	morning set	-3012 May 26 j 12:32	29°♎24'28	
asc. node	-3015 Dec 20 j 09:00	21°♋55'14			-3012 May 27 j 00:07	0°♏	
	-3015 Dec 31 j 01:00	0°♌		asc. node	-3012 Jun 06 j 05:07	12°♏33'00	
greatest brilliancy	-3014 Jan 06 j 23:59	4°♌03'32	-4.6m		-3012 Jun 20 j 08:20	0°♐	
retrograde	-3014 Jan 21 j 15:37	7°♌58'29		max. Earth dist.	-3012 Jun 27 j 06:34	8°♐34'57	1.72708 AU
evening set	-3014 Feb 08 j 08:34	1°♌49'10					
	-3014 Feb 11 j 05:51	30°♑		superior conj	-3012 Jul 01 j 16:13	14°♐02'44	0°55'10
inferior conj	-3014 Feb 11 j 21:02	29°♑35'45	8°22'41	minimum elong	-3012 Jul 01 j 07:38	13°♐36'04	0°54'56
minimum elong	-3014 Feb 11 j 20:17	29°♑36'57	8°22'35		-3012 Jul 14 j 12:02	0°♑	
min. Earth dist.	-3014 Feb 11 j 08:06	29°♑56'25	0.28778 AU	evening rise	-3012 Aug 07 j 05:27	29°♑37'41	
morning rise	-3014 Feb 15 j 08:17	27°♑24'51			-3012 Aug 07 j 12:36	0°♒	
direct	-3014 Mar 05 j 03:51	21°♑20'20			-3012 Aug 31 j 12:02	0°♓	
greatest brilliancy	-3014 Mar 16 j 14:23	23°♑42'22	-4.5m		-3012 Sep 24 j 12:24	0°♑	
	-3014 Mar 28 j 08:54	0°♒		desc. node	-3012 Sep 25 j 22:36	1°♑46'36	
desc. node	-3014 Apr 11 j 03:33	10°♒30'42			-3012 Oct 18 j 15:18	0°♓	
morning max el	-3014 Apr 23 j 00:00	21°♒14'19	45°48'36		-3012 Nov 11 j 22:31	0°♊	
	-3014 May 01 j 22:27	0°♋			-3012 Dec 06 j 13:48	0°♋	
	-3014 May 30 j 02:16	0°♎			-3012 Dec 31 j 21:37	0°♌	
	-3014 Jun 25 j 08:59	0°♏		asc. node	-3011 Jan 16 j 20:43	18°♌08'28	
	-3014 Jul 20 j 15:08	0°♐			-3011 Jan 27 j 18:14	0°♍	
asc. node	-3014 Aug 02 j 02:50	15°♐09'35		evening max el	-3011 Feb 10 j 21:11	14°♍26'17	45°35'14
	-3014 Aug 14 j 04:44	0°♑			-3011 Feb 28 j 06:30	0°♎	
	-3014 Sep 07 j 07:15	0°♒		greatest brilliancy	-3011 Mar 17 j 00:36	10°♎56'09	-4.5m
	-3014 Oct 01 j 03:38	0°♓		retrograde	-3011 Mar 31 j 14:25	14°♎39'31	
morning set	-3014 Oct 19 j 05:59	22°♓50'27		evening set	-3011 Apr 16 j 10:06	9°♎52'46	
	-3014 Oct 24 j 22:12	0°♑		inferior conj	-3011 Apr 22 j 02:20	6°♎26'25	3°40'13
	-3014 Nov 17 j 17:53	0°♒		minimum elong	-3011 Apr 22 j 09:30	6°♎15'08	3°38'25
desc. node	-3014 Nov 21 j 20:45	5°♒10'30		min. Earth dist.	-3011 Apr 22 j 16:42	6°♎03'49	0.29149 AU
				morning rise	-3011 Apr 28 j 08:33	2°♎39'01	
superior conj	-3014 Nov 30 j 04:48	15°♒38'04	0°-19'-23		-3011 May 03 j 21:26	30°♏	
minimum elong	-3014 Nov 29 j 23:36	15°♒21'43	0°19'12	desc. node	-3011 May 08 j 15:03	28°♏35'05	
max. Earth dist.	-3014 Dec 04 j 20:39	21°♒28'29	1.71396 AU	direct	-3011 May 13 j 20:51	28°♏02'48	
	-3014 Dec 11 j 16:05	0°♊			-3011 May 24 j 08:09	0°♎	
	-3013 Jan 04 j 17:18	0°♋		greatest brilliancy	-3011 May 27 j 21:26	1°♎26'47	-4.5m
evening rise	-3013 Jan 10 j 17:32	7°♋28'19		morning max el	-3011 Jul 01 j 22:37	28°♎08'55	46°00'54
	-3013 Jan 28 j 22:01	0°♌			-3011 Jul 03 j 20:23	0°♏	
	-3013 Feb 22 j 07:24	0°♍			-3011 Aug 01 j 06:14	0°♐	
asc. node	-3013 Mar 14 j 18:54	24°♍56'27			-3011 Aug 27 j 05:14	0°♑	
	-3013 Mar 18 j 23:16	0°♎		asc. node	-3011 Aug 29 j 14:41	2°♑50'58	
	-3013 Apr 12 j 23:59	0°♏			-3011 Sep 21 j 00:28	0°♒	
	-3013 May 08 j 13:13	0°♐			-3011 Oct 15 j 05:31	0°♓	
	-3013 Jun 03 j 22:55	0°♑			-3011 Nov 08 j 04:51	0°♑	
	-3013 Jul 02 j 04:21	0°♒			-3011 Dec 02 j 03:41	0°♓	
desc. node	-3013 Jul 04 j 12:27	2°♒19'41		desc. node	-3011 Dec 19 j 08:40	21°♒29'38	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3011 Dec 26 j 04:29	0°♂		minimum elong	-3008 Jun 30 j 22:30	14°♂01'06	5°40'16
morning set	-3010 Jan 04 j 15:43	11°♂47'02		min. Earth dist.	-3008 Jul 01 j 15:41	13°♂34'52	0.28222 AU
	-3010 Jan 19 j 07:50	0°♂		morning rise	-3008 Jul 06 j 06:00	10°♂50'36	
	-3010 Feb 12 j 13:36	0°♂		direct	-3008 Jul 22 j 19:37	5°♂39'50	
				greatest brilliancy	-3008 Aug 06 j 08:15	9°♂24'12	-4.6m
superior conj	-3010 Feb 13 j 17:44	1°♂26'50	-1°-24'-6		-3008 Sep 02 j 22:56	0°♂	
minimum elong	-3010 Feb 13 j 17:34	1°♂26'21	1°24'12	morning max el	-3008 Sep 11 j 01:38	7°♂53'24	46°39'00
max. Earth dist.	-3010 Feb 16 j 11:41	4°♂50'21	1.72993 AU	asc. node	-3008 Sep 26 j 02:22	23°♂43'52	
	-3010 Mar 08 j 21:43	0°♂			-3008 Oct 01 j 18:04	0°♂	
evening rise	-3010 Mar 23 j 13:14	17°♂59'37			-3008 Oct 27 j 14:24	0°♂	
	-3010 Apr 02 j 08:15	0°♂			-3008 Nov 21 j 10:11	0°♂	
asc. node	-3010 Apr 11 j 07:05	10°♂57'29			-3008 Dec 15 j 21:33	0°♂	
	-3010 Apr 26 j 21:20	0°♂			-3007 Jan 09 j 07:19	0°♂	
	-3010 May 21 j 13:18	0°♂		desc. node	-3007 Jan 15 j 20:38	8°♂03'02	
	-3010 Jun 15 j 09:10	0°♂			-3007 Feb 02 j 17:47	0°♂	
desc. node	-3010 Jul 10 j 11:27	0°♂			-3007 Feb 27 j 05:05	0°♂	
	-3010 Aug 01 j 00:16	25°♂18'25		morning set	-3007 Mar 18 j 02:57	23°♂10'17	
	-3010 Aug 05 j 01:24	0°♂			-3007 Mar 23 j 16:42	0°♂	
	-3010 Aug 31 j 15:04	0°♂			-3007 Apr 17 j 03:59	0°♂	
evening max el	-3010 Sep 19 j 03:49	19°♂34'01	47°29'50	max. Earth dist.	-3007 Apr 22 j 09:37	6°♂25'23	1.73722 AU
	-3010 Sep 29 j 21:55	0°♂					
greatest brilliancy	-3010 Oct 27 j 22:44	20°♂20'26	-4.7m	superior conj	-3007 Apr 23 j 14:02	7°♂52'34	0°-34'-41
retrograde	-3010 Nov 09 j 02:35	23°♂08'44		minimum elong	-3007 Apr 23 j 20:25	8°♂12'09	0°34'24
asc. node	-3010 Nov 21 j 23:17	19°♂45'44		asc. node	-3007 May 08 j 19:10	26°♂33'41	
evening set	-3010 Nov 23 j 14:15	18°♂54'45			-3007 May 11 j 14:20	0°♂	
min. Earth dist.	-3010 Nov 28 j 23:52	15°♂43'05	0.26688 AU	evening rise	-3007 May 29 j 09:20	21°♂53'23	
inferior conj	-3010 Nov 29 j 18:44	15°♂13'51	1°58'42		-3007 Jun 04 j 23:20	0°♂	
minimum elong	-3010 Nov 29 j 14:27	15°♂20'30	1°57'17		-3007 Jun 29 j 07:15	0°♂	
morning rise	-3010 Dec 05 j 15:16	11°♂45'08			-3007 Jul 23 j 15:10	0°♂	
direct	-3010 Dec 20 j 01:47	7°♂33'03			-3007 Aug 17 j 00:53	0°♂	
greatest brilliancy	-3010 Dec 31 j 01:31	9°♂48'24	-4.6m	desc. node	-3007 Aug 28 j 12:31	14°♂03'17	
	-3009 Jan 29 j 01:54	0°♂			-3007 Sep 10 j 14:46	0°♂	
morning max el	-3009 Feb 07 j 15:46	9°♂01'09	46°17'49		-3007 Oct 05 j 12:27	0°♂	
	-3009 Feb 28 j 00:45	0°♂			-3007 Oct 31 j 02:11	0°♂	
desc. node	-3009 Mar 13 j 18:11	14°♂58'32			-3007 Nov 27 j 08:49	0°♂	
	-3009 Mar 27 j 03:29	0°♂		evening max el	-3007 Nov 29 j 15:17	2°♂20'00	47°00'22
	-3009 Apr 22 j 04:21	0°♂		asc. node	-3007 Dec 19 j 11:04	20°♂49'19	
	-3009 May 17 j 14:19	0°♂			-3006 Jan 01 j 08:04	0°♂	
	-3009 Jun 11 j 13:04	0°♂		greatest brilliancy	-3006 Jan 04 j 18:55	1°♂52'00	-4.6m
asc. node	-3009 Jul 04 j 17:04	28°♂18'29		retrograde	-3006 Jan 19 j 08:13	5°♂43'54	
	-3009 Jul 06 j 02:04	0°♂			-3006 Feb 05 j 08:32	30°♂	
	-3009 Jul 30 j 06:45	0°♂		evening set	-3006 Feb 05 j 23:51	29°♂36'33	
morning set	-3009 Aug 03 j 23:24	5°♂51'32		min. Earth dist.	-3006 Feb 08 j 22:51	27°♂44'29	0.28720 AU
	-3009 Aug 23 j 05:28	0°♂		inferior conj	-3006 Feb 09 j 13:09	27°♂21'37	8°22'07
max. Earth dist.	-3009 Sep 10 j 00:11	22°♂23'03	1.71107 AU	minimum elong	-3006 Feb 09 j 11:41	27°♂23'58	8°22'00
				morning rise	-3006 Feb 12 j 23:48	25°♂11'31	
superior conj	-3009 Sep 11 j 05:05	23°♂54'08	1°18'49	direct	-3006 Mar 02 j 19:38	19°♂07'27	
minimum elong	-3009 Sep 11 j 12:08	24°♂16'21	1°18'46	greatest brilliancy	-3006 Mar 14 j 02:36	21°♂26'10	-4.5m
	-3009 Sep 16 j 01:09	0°♂			-3006 Mar 29 j 05:28	0°♂	
	-3009 Oct 09 j 20:34	0°♂		desc. node	-3006 Apr 10 j 05:33	9°♂32'38	
evening rise	-3009 Oct 22 j 07:25	15°♂39'51		morning max el	-3006 Apr 20 j 15:05	19°♂01'36	45°48'56
desc. node	-3009 Oct 24 j 10:45	18°♂21'05			-3006 May 01 j 17:58	0°♂	
	-3009 Nov 02 j 17:32	0°♂			-3006 May 29 j 17:11	0°♂	
	-3009 Nov 26 j 17:08	0°♂			-3006 Jun 24 j 22:03	0°♂	
	-3009 Dec 20 j 20:36	0°♂			-3006 Jul 20 j 03:20	0°♂	
	-3008 Jan 14 j 06:18	0°♂		asc. node	-3006 Aug 01 j 05:02	14°♂39'49	
	-3008 Feb 08 j 02:35	0°♂			-3006 Aug 13 j 16:31	0°♂	
asc. node	-3008 Feb 14 j 08:52	7°♂26'32			-3006 Sep 06 j 18:49	0°♂	
	-3008 Mar 04 j 16:52	0°♂			-3006 Sep 30 j 15:05	0°♂	
	-3008 Mar 31 j 16:02	0°♂		morning set	-3006 Oct 16 j 16:40	20°♂16'44	
evening max el	-3008 Apr 22 j 16:56	22°♂23'39	45°12'30		-3006 Oct 24 j 09:35	0°♂	
	-3008 May 01 j 00:08	0°♂			-3006 Nov 17 j 05:14	0°♂	
greatest brilliancy	-3008 May 28 j 10:54	18°♂52'27	-4.5m	desc. node	-3006 Nov 20 j 22:45	4°♂41'12	
desc. node	-3008 Jun 05 j 02:49	21°♂12'21					
retrograde	-3008 Jun 10 j 03:31	21°♂40'29		superior conj	-3006 Nov 27 j 13:44	13°♂00'01	0°-15'-27
evening set	-3008 Jun 25 j 14:38	17°♂08'37		minimum elong	-3006 Nov 27 j 09:31	12°♂46'50	0°15'19
inferior conj	-3008 Jul 01 j 08:36	13°♂45'42	-5°-42'-38	behind sun begin	-3006 Nov 26 j 23:58	12°♂16'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

behind sun end	-3006 Nov 27 j 19:05	13° \mathbb{M} 16'48		desc. node	-3003 May 07 j 17:08	26° \mathbb{H} 11'17	
max. Earth dist.	-3006 Dec 02 j 06:17	18° \mathbb{M} 52'49	1.71347 AU	direct	-3003 May 11 j 13:10	25° \mathbb{H} 53'59	
	-3006 Dec 11 j 03:25	0° \mathbb{J}		greatest brilliancy	-3003 May 25 j 14:06	29° \mathbb{H} 18'18	-4.5m
	-3005 Jan 04 j 04:36	0° \mathbb{Z}			-3003 May 27 j 01:21	0° \mathbb{Y}	
evening rise	-3005 Jan 08 j 05:06	4° \mathbb{Z} 59'58		morning max el	-3003 Jun 29 j 15:04	25° \mathbb{Y} 58'55	46°00'01
	-3005 Jan 28 j 09:21	0° \approx			-3003 Jul 03 j 17:41	0° \mathbb{X}	
	-3005 Feb 21 j 18:52	0° \mathbb{H}			-3003 Jul 31 j 21:46	0° \mathbb{II}	
asc. node	-3005 Mar 13 j 21:02	24° \mathbb{H} 27'24			-3003 Aug 26 j 18:41	0° \mathbb{S}	
	-3005 Mar 18 j 11:04	0° \mathbb{Y}		asc. node	-3003 Aug 28 j 16:52	2° \mathbb{S} 17'38	
	-3005 Apr 12 j 12:26	0° \mathbb{X}			-3003 Sep 20 j 12:57	0° \mathbb{Q}	
	-3005 May 08 j 02:52	0° \mathbb{II}			-3003 Oct 14 j 17:31	0° \mathbb{P}	
	-3005 Jun 03 j 15:00	0° \mathbb{S}			-3003 Nov 07 j 16:35	0° \mathbb{L}	
	-3005 Jul 02 j 02:42	0° \mathbb{Q}			-3003 Dec 01 j 15:13	0° \mathbb{M}	
desc. node	-3005 Jul 03 j 14:31	1° \mathbb{Q} 28'00		desc. node	-3003 Dec 18 j 10:50	21° \mathbb{M} 00'51	
evening max el	-3005 Jul 05 j 05:31	3° \mathbb{Q} 02'51	46°14'48		-3003 Dec 25 j 15:50	0° \mathbb{J}	
	-3005 Aug 08 j 19:10	0° \mathbb{P}		morning set	-3002 Jan 02 j 02:27	9° \mathbb{J} 15'58	
greatest brilliancy	-3005 Aug 13 j 14:59	2° \mathbb{P} 03'11	-4.6m		-3002 Jan 18 j 19:00	0° \mathbb{Z}	
retrograde	-3005 Aug 23 j 19:36	3° \mathbb{P} 56'58					
	-3005 Sep 07 j 03:03	30° \mathbb{R} \mathbb{Q}		superior conj	-3002 Feb 11 j 08:14	29° \mathbb{Z} 09'17	-1°-24'-1
evening set	-3005 Sep 10 j 06:39	28° \mathbb{Q} 15'07		minimum elong	-3002 Feb 11 j 07:13	29° \mathbb{Z} 06'11	1°24'07
inferior conj	-3005 Sep 13 j 13:16	26° \mathbb{Q} 17'26	-8°-16'-30		-3002 Feb 12 j 00:39	0° \approx	
minimum elong	-3005 Sep 13 j 21:14	26° \mathbb{Q} 05'20	8°15'28	max. Earth dist.	-3002 Feb 14 j 03:15	2° \approx 36'12	1.72943 AU
min. Earth dist.	-3005 Sep 14 j 02:25	25° \mathbb{Q} 57'27	0.26849 AU		-3002 Mar 08 j 08:42	0° \mathbb{H}	
morning rise	-3005 Sep 17 j 11:36	23° \mathbb{Q} 56'33		evening rise	-3002 Mar 21 j 06:16	15° \mathbb{H} 50'52	
direct	-3005 Oct 04 j 02:56	18° \mathbb{Q} 35'53			-3002 Apr 01 j 19:18	0° \mathbb{Y}	
greatest brilliancy	-3005 Oct 17 j 04:57	21° \mathbb{Q} 46'08	-4.7m	asc. node	-3002 Apr 10 j 09:05	10° \mathbb{Y} 29'39	
asc. node	-3005 Oct 24 j 13:44	25° \mathbb{Q} 51'24			-3002 Apr 26 j 08:36	0° \mathbb{X}	
	-3005 Oct 30 j 11:28	0° \mathbb{P}			-3002 May 21 j 00:56	0° \mathbb{II}	
morning max el	-3005 Nov 23 j 21:02	22° \mathbb{P} 10'59	46°51'37		-3002 Jun 14 j 21:25	0° \mathbb{S}	
	-3005 Dec 01 j 08:39	0° \mathbb{L}			-3002 Jul 10 j 00:42	0° \mathbb{Q}	
	-3005 Dec 28 j 07:16	0° \mathbb{M}		desc. node	-3002 Jul 31 j 02:29	24° \mathbb{Q} 42'30	
	-3004 Jan 23 j 00:30	0° \mathbb{J}			-3002 Aug 04 j 16:21	0° \mathbb{P}	
desc. node	-3004 Feb 13 j 08:35	25° \mathbb{J} 18'42			-3002 Aug 31 j 09:31	0° \mathbb{L}	
	-3004 Feb 17 j 06:56	0° \mathbb{Z}		evening max el	-3002 Sep 16 j 18:01	17° \mathbb{L} 10'24	47°28'48
	-3004 Mar 13 j 07:59	0° \approx			-3002 Sep 30 j 03:39	0° \mathbb{M}	
	-3004 Apr 07 j 05:05	0° \mathbb{H}		greatest brilliancy	-3002 Oct 25 j 13:19	17° \mathbb{M} 53'27	-4.7m
	-3004 May 01 j 22:18	0° \mathbb{Y}		retrograde	-3002 Nov 06 j 16:25	20° \mathbb{M} 40'35	
morning set	-3004 May 24 j 07:18	27° \mathbb{Y} 20'51		evening set	-3002 Nov 21 j 03:01	16° \mathbb{M} 27'12	
	-3004 May 26 j 11:10	0° \mathbb{X}		asc. node	-3002 Nov 21 j 01:25	16° \mathbb{M} 29'23	
asc. node	-3004 Jun 05 j 07:15	12° \mathbb{X} 05'42		min. Earth dist.	-3002 Nov 26 j 13:38	13° \mathbb{M} 14'21	0.26642 AU
	-3004 Jun 19 j 19:19	0° \mathbb{II}		inferior conj	-3002 Nov 27 j 07:40	12° \mathbb{M} 46'30	1°35'31
max. Earth dist.	-3004 Jun 25 j 02:50	6° \mathbb{II} 34'54	1.72765 AU	minimum elong	-3002 Nov 27 j 04:11	12° \mathbb{M} 51'53	1°34'22
				morning rise	-3002 Dec 03 j 06:00	9° \mathbb{M} 16'03	
superior conj	-3004 Jun 29 j 10:20	11° \mathbb{II} 55'52	0°52'44	direct	-3002 Dec 17 j 14:40	5° \mathbb{M} 06'27	
minimum elong	-3004 Jun 29 j 01:53	11° \mathbb{II} 29'39	0°52'30	greatest brilliancy	-3002 Dec 28 j 15:12	7° \mathbb{M} 23'20	-4.6m
	-3004 Jul 13 j 23:05	0° \mathbb{S}			-3001 Jan 29 j 05:36	0° \mathbb{J}	
evening rise	-3004 Aug 04 j 21:21	27° \mathbb{S} 22'22		morning max el	-3001 Feb 05 j 06:36	6° \mathbb{J} 42'56	46°19'12
	-3004 Aug 06 j 23:47	0° \mathbb{Q}			-3001 Feb 27 j 18:15	0° \mathbb{Z}	
	-3004 Aug 30 j 23:28	0° \mathbb{P}		desc. node	-3001 Mar 12 j 20:13	14° \mathbb{Z} 20'56	
	-3004 Sep 24 j 00:07	0° \mathbb{L}			-3001 Mar 26 j 17:44	0° \approx	
desc. node	-3004 Sep 25 j 00:38	1° \mathbb{L} 16'23			-3001 Apr 21 j 17:03	0° \mathbb{H}	
	-3004 Oct 18 j 03:20	0° \mathbb{M}			-3001 May 17 j 02:10	0° \mathbb{Y}	
	-3004 Nov 11 j 10:59	0° \mathbb{J}			-3001 Jun 11 j 00:25	0° \mathbb{X}	
	-3004 Dec 06 j 02:57	0° \mathbb{Z}		asc. node	-3001 Jul 03 j 19:15	27° \mathbb{X} 50'59	
	-3004 Dec 31 j 12:11	0° \approx			-3001 Jul 05 j 13:10	0° \mathbb{II}	
asc. node	-3003 Jan 15 j 22:56	17° \approx 29'31			-3001 Jul 29 j 17:46	0° \mathbb{S}	
	-3003 Jan 27 j 12:26	0° \mathbb{H}		morning set	-3001 Aug 01 j 15:02	3° \mathbb{S} 36'06	
evening max el	-3003 Feb 08 j 11:37	12° \mathbb{H} 10'42	45°37'35		-3001 Aug 22 j 16:28	0° \mathbb{Q}	
	-3003 Feb 28 j 17:29	0° \mathbb{Y}		max. Earth dist.	-3001 Sep 07 j 08:07	19° \mathbb{Q} 42'06	1.71137 AU
greatest brilliancy	-3003 Mar 14 j 15:01	8° \mathbb{Y} 45'15	-4.5m				
retrograde	-3003 Mar 29 j 07:18	12° \mathbb{Y} 32'04		superior conj	-3001 Sep 08 j 18:06	21° \mathbb{Q} 29'08	1°20'02
evening set	-3003 Apr 14 j 04:56	7° \mathbb{Y} 41'27		minimum elong	-3001 Sep 09 j 00:23	21° \mathbb{Q} 48'56	1°20'00
inferior conj	-3003 Apr 19 j 19:05	4° \mathbb{Y} 18'07	3°57'13		-3001 Sep 15 j 12:12	0° \mathbb{P}	
minimum elong	-3003 Apr 20 j 02:39	4° \mathbb{Y} 06'13	3°55'19		-3001 Oct 09 j 07:41	0° \mathbb{L}	
min. Earth dist.	-3003 Apr 20 j 09:23	3° \mathbb{Y} 55'38	0.29170 AU	evening rise	-3001 Oct 19 j 16:48	13° \mathbb{L} 03'27	
morning rise	-3003 Apr 26 j 00:01	0° \mathbb{Y} 32'32		desc. node	-3001 Oct 23 j 12:47	17° \mathbb{L} 52'23	
	-3003 Apr 26 j 23:49	30° \mathbb{R} \mathbb{H}			-3001 Nov 02 j 04:43	0° \mathbb{M}	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3001 Nov 26 j 04:27	0°♌				-2998 Jun 24 j 10:43	0°♏		
	-3001 Dec 20 j 08:06	0°♐				-2998 Jul 19 j 15:09	0°♑		
	-3000 Jan 13 j 18:07	0°♒		asc. node		-2998 Jul 31 j 07:09	14°♑10'59		
	-3000 Feb 07 j 15:02	0°♓				-2998 Aug 13 j 03:54	0°♑		
asc. node	-3000 Feb 13 j 10:56	6°♓55'07				-2998 Sep 06 j 05:59	0°♒		
	-3000 Mar 04 j 06:39	0°♑				-2998 Sep 30 j 02:10	0°♓		
	-3000 Mar 31 j 08:58	0°♒		morning set		-2998 Oct 14 j 03:27	17°♓44'18		
evening max el	-3000 Apr 20 j 08:56	20°♒13'25	45°11'46			-2998 Oct 23 j 20:37	0°♑		
	-3000 May 01 j 04:18	0°♑				-2998 Nov 16 j 16:15	0°♓		
greatest brilliancy	-3000 May 25 j 23:59	16°♑37'30	-4.5m	desc. node		-2998 Nov 20 j 00:56	4°♓13'29		
desc. node	-3000 Jun 04 j 04:57	19°♑12'32							
retrograde	-3000 Jun 07 j 17:54	19°♑26'31		superior conj		-2998 Nov 24 j 22:48	10°♓23'28	0°-11'-29	
evening set	-3000 Jun 23 j 02:59	14°♑58'07		minimum elong		-2998 Nov 24 j 19:39	10°♓13'34	0°11'25	
inferior conj	-3000 Jun 28 j 23:25	11°♑31'21	-5°-26'-10	behind sun begin		-2998 Nov 24 j 00:01	9°♓11'58		
minimum elong	-3000 Jun 28 j 13:33	11°♑46'28	5°23'47	behind sun end		-2998 Nov 25 j 15:16	11°♓15'08		
min. Earth dist.	-3000 Jun 29 j 06:35	11°♑20'23	0.28260 AU	max. Earth dist.		-2998 Nov 29 j 12:10	16°♓06'25	1.71296 AU	
morning rise	-3000 Jul 03 j 23:43	8°♑31'44				-2998 Dec 10 j 14:23	0°♌		
direct	-3000 Jul 20 j 11:19	3°♑24'54				-2997 Jan 03 j 15:32	0°♐		
greatest brilliancy	-3000 Aug 03 j 22:46	7°♑07'31	-4.6m	evening rise		-2997 Jan 05 j 16:47	2°♐33'09		
	-3000 Sep 03 j 00:17	0°♑				-2997 Jan 27 j 20:16	0°♒		
morning max el	-3000 Sep 08 j 15:52	5°♑32'51	46°37'48			-2997 Feb 21 j 05:55	0°♓		
asc. node	-3000 Sep 25 j 04:20	23°♑00'05		asc. node		-2997 Mar 12 j 23:03	23°♓59'13		
	-3000 Oct 01 j 10:57	0°♒				-2997 Mar 17 j 22:28	0°♑		
	-3000 Oct 27 j 04:35	0°♓				-2997 Apr 12 j 00:32	0°♒		
	-3000 Nov 20 j 23:04	0°♑				-2997 May 07 j 16:15	0°♑		
	-3000 Dec 15 j 09:41	0°♓				-2997 Jun 03 j 06:58	0°♑		
	-2999 Jan 08 j 18:57	0°♌				-2997 Jul 02 j 01:30	0°♒		
desc. node	-2999 Jan 14 j 22:49	7°♌34'21		evening max el		-2997 Jul 02 j 17:23	0°♒38'28	46°11'45	
	-2999 Feb 02 j 05:03	0°♐		desc. node		-2997 Jul 02 j 16:45	0°♒36'56		
	-2999 Feb 26 j 16:05	0°♒		greatest brilliancy		-2997 Aug 11 j 03:02	29°♒37'18	-4.6m	
morning set	-2999 Mar 15 j 20:01	21°♒02'18				-2997 Aug 12 j 05:45	0°♓		
	-2999 Mar 23 j 03:30	0°♓		retrograde		-2997 Aug 21 j 07:17	1°♓31'05		
	-2999 Apr 16 j 14:41	0°♑				-2997 Aug 30 j 01:18	30°♓♒		
max. Earth dist.	-2999 Apr 20 j 07:39	4°♑32'53	1.73723 AU	evening set		-2997 Sep 07 j 21:30	25°♒45'08		
				inferior conj		-2997 Sep 11 j 01:42	23°♒51'11	-8°-24'-52	
superior conj	-2999 Apr 21 j 08:35	5°♑49'23	0°-37'-29	minimum elong		-2997 Sep 11 j 08:59	23°♒40'08	8°24'01	
minimum elong	-2999 Apr 21 j 15:22	6°♑10'11	0°37'11	min. Earth dist.		-2997 Sep 11 j 15:21	23°♒30'30	0.26900 AU	
asc. node	-2999 May 07 j 21:18	26°♑07'22		morning rise		-2997 Sep 14 j 20:15	21°♒35'52		
	-2999 May 11 j 01:01	0°♒		direct		-2997 Oct 01 j 15:30	16°♒08'30		
evening rise	-2999 May 27 j 04:39	19°♒51'52		greatest brilliancy		-2997 Oct 14 j 20:52	19°♒22'07	-4.7m	
	-2999 Jun 04 j 10:10	0°♑		asc. node		-2997 Oct 23 j 15:56	24°♒24'47		
	-2999 Jun 28 j 18:21	0°♑				-2997 Oct 31 j 04:14	0°♓		
	-2999 Jul 23 j 02:39	0°♒		morning max el		-2997 Nov 21 j 10:20	19°♓44'01	46°52'10	
	-2999 Aug 16 j 12:53	0°♓				-2997 Dec 01 j 04:41	0°♑		
desc. node	-2999 Aug 27 j 14:31	13°♓31'49				-2997 Dec 27 j 22:46	0°♓		
	-2999 Sep 10 j 03:28	0°♑				-2996 Jan 22 j 13:59	0°♌		
	-2999 Oct 05 j 02:14	0°♓		desc. node		-2996 Feb 12 j 10:35	24°♌47'32		
	-2999 Oct 30 j 17:58	0°♌				-2996 Feb 16 j 19:14	0°♐		
	-2999 Nov 27 j 05:52	0°♐				-2996 Mar 12 j 19:33	0°♒		
evening max el	-2999 Nov 27 j 06:39	0°♐02'00	47°02'58			-2996 Apr 06 j 16:10	0°♓		
asc. node	-2999 Dec 18 j 13:16	19°♐43'32				-2996 May 01 j 09:06	0°♑		
greatest brilliancy	-2998 Jan 02 j 14:01	29°♐42'08	-4.6m	morning set		-2996 May 22 j 02:15	25°♑18'58		
	-2998 Jan 03 j 04:42	0°♒				-2996 May 25 j 21:51	0°♒		
retrograde	-2998 Jan 17 j 00:35	3°♒31'05		asc. node		-2996 Jun 04 j 09:26	11°♒39'39		
	-2998 Jan 30 j 03:27	30°♒♐				-2996 Jun 19 j 06:00	0°♑		
evening set	-2998 Feb 03 j 15:04	27°♐26'13		max. Earth dist.		-2996 Jun 22 j 23:42	4°♑37'42	1.72823 AU	
min. Earth dist.	-2998 Feb 06 j 14:09	25°♐33'58	0.28661 AU						
inferior conj	-2998 Feb 07 j 05:30	25°♐09'23	8°20'45	superior conj		-2996 Jun 27 j 04:31	9°♑50'14	0°50'14	
minimum elong	-2998 Feb 07 j 03:19	25°♐12'53	8°20'35	minimum elong		-2996 Jun 26 j 20:16	9°♑24'36	0°50'00	
morning rise	-2998 Feb 10 j 15:52	22°♐59'32				-2996 Jul 13 j 09:50	0°♑		
direct	-2998 Feb 28 j 11:09	16°♐56'23		evening rise		-2996 Aug 02 j 13:23	25°♑08'31		
greatest brilliancy	-2998 Mar 11 j 15:46	19°♐12'29	-4.5m			-2996 Aug 06 j 10:41	0°♒		
	-2998 Mar 29 j 20:06	0°♒				-2996 Aug 30 j 10:35	0°♓		
desc. node	-2998 Apr 09 j 07:39	8°♒37'18				-2996 Sep 23 j 11:31	0°♑		
morning max el	-2998 Apr 18 j 05:47	16°♒49'00	45°49'13	desc. node		-2996 Sep 24 j 02:41	0°♑47'14		
	-2998 May 01 j 12:31	0°♓				-2996 Oct 17 j 15:06	0°♓		
	-2998 May 29 j 07:33	0°♑				-2996 Nov 10 j 23:12	0°♌		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2996 Dec 05 j 15:55	0°☾		asc. node	-2993 Jul 02 j 21:22	27°☿23'39	
	-2996 Dec 31 j 02:38	0°♊			-2993 Jul 05 j 00:10	0°♈	
asc. node	-2995 Jan 15 j 01:04	16°♊50'53			-2993 Jul 29 j 04:41	0°♉	
	-2995 Jan 27 j 06:41	0°♈		morning set	-2993 Jul 30 j 06:56	1°♉21'51	
evening max el	-2995 Feb 06 j 03:11	9°♈58'52	45°40'08		-2993 Aug 22 j 03:27	0°♊	
	-2995 Mar 01 j 07:31	0°♉		max. Earth dist.	-2993 Sep 04 j 13:18	16°♊52'31	1.71177 AU
greatest brilliancy	-2995 Mar 12 j 05:51	6°♉36'20	-4.5m				
retrograde	-2995 Mar 27 j 00:47	10°♉26'15		superior conj	-2993 Sep 06 j 07:18	19°♊04'46	1°21'06
evening set	-2995 Apr 12 j 00:04	5°♉31'48		minimum elong	-2993 Sep 06 j 12:46	19°♊21'59	1°21'05
inferior conj	-2995 Apr 17 j 12:01	2°♉11'25	4°13'39		-2993 Sep 14 j 23:17	0°♊	
minimum elong	-2995 Apr 17 j 19:57	1°♉58'57	4°11'42		-2993 Oct 08 j 18:52	0°♋	
min. Earth dist.	-2995 Apr 18 j 01:51	1°♉49'41	0.29189 AU	evening rise	-2993 Oct 17 j 01:53	10°♋25'48	
	-2995 Apr 21 j 00:36	30°♈		desc. node	-2993 Oct 22 j 14:58	17°♋23'56	
morning rise	-2995 Apr 23 j 15:34	28°♈27'57			-2993 Nov 01 j 16:01	0°♌	
desc. node	-2995 May 06 j 19:17	23°♈54'00			-2993 Nov 25 j 15:51	0°♍	
direct	-2995 May 09 j 06:05	23°♈46'57			-2993 Dec 19 j 19:42	0°♎	
greatest brilliancy	-2995 May 23 j 06:11	27°♈10'47	-4.5m		-2992 Jan 13 j 06:05	0°♏	
	-2995 May 28 j 16:32	0°♉			-2992 Feb 07 j 03:40	0°♐	
morning max el	-2995 Jun 27 j 08:27	23°♉52'25	45°58'56	asc. node	-2992 Feb 12 j 12:59	6°♐23'10	
	-2995 Jul 03 j 13:52	0°♊			-2992 Mar 03 j 20:41	0°♑	
	-2995 Jul 31 j 12:48	0°♈			-2992 Mar 31 j 02:22	0°♒	
	-2995 Aug 26 j 07:49	0°♉		evening max el	-2992 Apr 18 j 00:31	18°♒02'00	45°11'09
asc. node	-2995 Aug 27 j 18:51	1°♉44'36			-2992 May 01 j 10:29	0°♈	
	-2995 Sep 20 j 01:11	0°♊		greatest brilliancy	-2992 May 23 j 13:39	14°♈23'29	-4.5m
	-2995 Oct 14 j 05:17	0°♋		desc. node	-2992 Jun 03 j 07:06	17°♈08'40	
	-2995 Nov 07 j 04:04	0°♌		retrograde	-2992 Jun 05 j 08:03	17°♈13'21	
	-2995 Dec 01 j 02:31	0°♍		evening set	-2992 Jun 20 j 15:43	12°♈48'01	
desc. node	-2995 Dec 17 j 12:56	20°♍32'37		inferior conj	-2992 Jun 26 j 14:30	9°♈17'52	-5°-9'-19
	-2995 Dec 25 j 02:57	0°♎		minimum elong	-2992 Jun 26 j 04:53	9°♈32'37	5°06'56
morning set	-2995 Dec 30 j 13:01	6°♎45'01		min. Earth dist.	-2992 Jun 26 j 22:02	9°♈06'19	0.28295 AU
	-2994 Jan 18 j 05:59	0°♏		morning rise	-2992 Jul 01 j 17:34	6°♈13'52	
				direct	-2992 Jul 18 j 02:46	1°♈10'47	
superior conj	-2994 Feb 08 j 22:34	26°♏51'42	-1°-23'-47	greatest brilliancy	-2992 Aug 01 j 13:33	4°♈51'45	-4.6m
minimum elong	-2994 Feb 08 j 20:44	26°♏46'01	1°23'53		-2992 Sep 03 j 00:23	0°♉	
	-2994 Feb 11 j 11:31	0°♊		morning max el	-2992 Sep 06 j 05:21	3°♉10'34	46°36'27
max. Earth dist.	-2994 Feb 11 j 19:08	0°♊23'30	1.72892 AU	asc. node	-2992 Sep 24 j 06:37	22°♉17'35	
	-2994 Mar 07 j 19:31	0°♈			-2992 Oct 01 j 03:35	0°♊	
evening rise	-2994 Mar 18 j 23:21	13°♈42'52			-2992 Oct 26 j 18:46	0°♋	
	-2994 Apr 01 j 06:09	0°♉			-2992 Nov 20 j 12:05	0°♌	
asc. node	-2994 Apr 09 j 11:18	10°♉03'08			-2992 Dec 14 j 22:00	0°♍	
	-2994 Apr 25 j 19:37	0°♊			-2991 Jan 08 j 06:48	0°♎	
	-2994 May 20 j 12:21	0°♈		desc. node	-2991 Jan 14 j 00:52	7°♎04'34	
	-2994 Jun 14 j 09:30	0°♉			-2991 Feb 01 j 16:32	0°♏	
	-2994 Jul 09 j 13:53	0°♊			-2991 Feb 26 j 03:18	0°♋	
desc. node	-2994 Jul 30 j 04:27	24°♊05'55		morning set	-2991 Mar 13 j 12:44	18°♋52'36	
	-2994 Aug 04 j 07:24	0°♋			-2991 Mar 22 j 14:31	0°♌	
	-2994 Aug 31 j 04:22	0°♌			-2991 Apr 16 j 01:36	0°♍	
evening max el	-2994 Sep 14 j 09:13	14°♌49'31	47°27'38	max. Earth dist.	-2991 Apr 18 j 04:05	2°♍34'51	1.73721 AU
	-2994 Sep 30 j 11:33	0°♍					
greatest brilliancy	-2994 Oct 23 j 04:08	15°♍26'52	-4.7m	superior conj	-2991 Apr 19 j 03:04	3°♍45'22	0°-40'-13
retrograde	-2994 Nov 04 j 06:17	18°♍12'05		minimum elong	-2991 Apr 19 j 10:14	4°♍07'20	0°39'55
evening set	-2994 Nov 18 j 15:57	13°♍59'23		asc. node	-2991 May 06 j 23:29	25°♍40'32	
asc. node	-2994 Nov 20 j 03:35	13°♍09'26			-2991 May 10 j 11:57	0°♎	
min. Earth dist.	-2994 Nov 24 j 03:15	10°♍45'31	0.26595 AU	evening rise	-2991 May 25 j 00:03	17°♎50'00	
inferior conj	-2994 Nov 24 j 20:29	10°♍18'55	1°12'07		-2991 Jun 03 j 21:14	0°♏	
minimum elong	-2994 Nov 24 j 17:49	10°♍23'01	1°11'12		-2991 Jun 28 j 05:39	0°♐	
morning rise	-2994 Nov 30 j 20:26	6°♍46'52			-2991 Jul 22 j 14:18	0°♑	
direct	-2994 Dec 15 j 03:42	2°♍39'52			-2991 Aug 16 j 01:03	0°♒	
greatest brilliancy	-2994 Dec 26 j 04:01	4°♍57'06	-4.6m	desc. node	-2991 Aug 26 j 16:38	13°♒00'12	
	-2993 Jan 29 j 07:40	0°♎			-2991 Sep 09 j 16:24	0°♋	
morning max el	-2993 Feb 02 j 21:08	4°♎24'02	46°20'30		-2991 Oct 04 j 16:21	0°♌	
	-2993 Feb 27 j 11:20	0°♏			-2991 Oct 30 j 10:21	0°♍	
desc. node	-2993 Mar 11 j 22:16	13°♏43'52		evening max el	-2991 Nov 24 j 21:09	27°♎40'20	47°05'21
	-2993 Mar 26 j 07:47	0°♊			-2991 Nov 27 j 04:14	0°♏	
	-2993 Apr 21 j 05:37	0°♈		asc. node	-2991 Dec 17 j 15:22	18°♏34'12	
	-2993 May 16 j 13:54	0°♉		greatest brilliancy	-2991 Dec 31 j 08:17	27°♏28'59	-4.6m
	-2993 Jun 10 j 11:40	0°♊			-2990 Jan 06 j 14:28	0°♋	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2990 Jan 14 j 16:26	1°≈15'54		max. Earth dist.	-2988 Jun 20 j 20:36	2°Ⅱ39'34	1.72877 AU
	-2990 Jan 22 j 11:50	30°R3					
evening set	-2990 Feb 01 j 05:36	25°313'55		superior conj	-2988 Jun 24 j 22:29	7°Ⅱ42'45	0°47'40
min. Earth dist.	-2990 Feb 04 j 05:26	23°320'38	0.28602 AU	minimum elong	-2988 Jun 24 j 14:27	7°Ⅱ17'54	0°47'26
inferior conj	-2990 Feb 04 j 21:32	22°354'50	8°18'33		-2988 Jul 12 j 20:57	0°3	
minimum elong	-2990 Feb 04 j 18:36	22°359'31	8°18'21	evening rise	-2988 Jul 31 j 05:26	22°353'38	
morning rise	-2990 Feb 08 j 07:54	20°344'51			-2988 Aug 05 j 21:58	0°Ω	
direct	-2990 Feb 26 j 01:53	14°342'48			-2988 Aug 29 j 22:06	0°Ⅲ	
greatest brilliancy	-2990 Mar 09 j 05:38	16°357'37	-4.5m		-2988 Sep 22 j 23:17	0°Δ	
	-2990 Mar 30 j 07:43	0°≈		desc. node	-2988 Sep 23 j 04:53	0°Δ17'24	
desc. node	-2990 Apr 08 j 09:54	7°≈42'10			-2988 Oct 17 j 03:10	0°Ⅲ	
morning max el	-2990 Apr 15 j 20:07	14°≈34'08	45°49'41		-2988 Nov 10 j 11:42	0°♂	
	-2990 May 01 j 07:03	0°♂			-2988 Dec 05 j 05:11	0°3	
	-2990 May 28 j 22:08	0°Ⅳ			-2988 Dec 30 j 17:31	0°≈	
	-2990 Jun 23 j 23:38	0°♂		asc. node	-2987 Jan 14 j 03:05	16°≈10'38	
	-2990 Jul 19 j 03:14	0°Ⅱ			-2987 Jan 27 j 01:50	0°♂	
asc. node	-2990 Jul 30 j 09:11	13°Ⅱ41'00		evening max el	-2987 Feb 03 j 19:28	7°♂47'38	45°42'28
	-2990 Aug 12 j 15:33	0°3			-2987 Mar 02 j 03:24	0°Ⅳ	
	-2990 Sep 05 j 17:24	0°Ω		greatest brilliancy	-2987 Mar 09 j 21:39	4°Ⅳ27'04	-4.5m
	-2990 Sep 29 j 13:28	0°Ⅲ		retrograde	-2987 Mar 24 j 18:05	8°Ⅳ18'21	
morning set	-2990 Oct 11 j 14:38	15°Ⅲ12'29		evening set	-2987 Apr 09 j 19:07	3°Ⅳ20'15	
	-2990 Oct 23 j 07:54	0°Δ		inferior conj	-2987 Apr 15 j 04:46	0°Ⅳ02'47	4°29'47
	-2990 Nov 16 j 03:32	0°Ⅲ		minimum elong	-2987 Apr 15 j 13:01	29°♂49'49	4°27'49
desc. node	-2990 Nov 19 j 03:02	3°Ⅲ44'39			-2987 Apr 15 j 06:32	30°R♂	
				min. Earth dist.	-2987 Apr 15 j 17:57	29°♂42'03	0.29207 AU
superior conj	-2990 Nov 22 j 07:52	7°Ⅲ45'56	0°-7'-31	morning rise	-2987 Apr 21 j 06:45	26°♂21'35	
minimum elong	-2990 Nov 22 j 05:47	7°Ⅲ39'23	0°07'29	desc. node	-2987 May 05 j 21:22	21°♂39'30	
behind sun begin	-2990 Nov 21 j 05:26	6°Ⅲ22'57		direct	-2987 May 06 j 23:10	21°♂38'08	
behind sun end	-2990 Nov 23 j 06:08	8°Ⅲ55'49		greatest brilliancy	-2987 May 20 j 21:06	25°♂00'13	-4.5m
max. Earth dist.	-2990 Nov 26 j 15:47	13°Ⅲ11'55	1.71256 AU		-2987 May 29 j 20:44	0°Ⅳ	
	-2990 Dec 10 j 01:41	0°♂		morning max el	-2987 Jun 25 j 01:37	21°Ⅳ44'14	45°57'52
evening rise	-2989 Jan 03 j 04:02	0°303'46			-2987 Jul 03 j 09:57	0°♂	
	-2989 Jan 03 j 02:49	0°3			-2987 Jul 31 j 04:02	0°Ⅱ	
	-2989 Jan 27 j 07:36	0°≈			-2987 Aug 25 j 21:12	0°3	
	-2989 Feb 20 j 17:25	0°♂		asc. node	-2987 Aug 26 j 21:06	1°311'26	
asc. node	-2989 Mar 12 j 01:15	23°♂30'16			-2987 Sep 19 j 13:42	0°Ω	
	-2989 Mar 17 j 10:20	0°Ⅳ			-2987 Oct 13 j 17:20	0°Ⅲ	
	-2989 Apr 11 j 13:07	0°♂			-2987 Nov 06 j 15:50	0°Δ	
	-2989 May 07 j 06:12	0°Ⅱ			-2987 Nov 30 j 14:02	0°Ⅲ	
	-2989 Jun 02 j 23:41	0°3		desc. node	-2987 Dec 16 j 14:57	20°Ⅲ03'25	
evening max el	-2989 Jun 30 j 05:54	28°314'45	46°08'50		-2987 Dec 24 j 14:16	0°♂	
desc. node	-2989 Jul 01 j 18:46	29°343'12		morning set	-2987 Dec 27 j 23:58	4°♂14'32	
	-2989 Jul 02 j 01:49	0°Ω			-2986 Jan 17 j 17:09	0°3	
greatest brilliancy	-2989 Aug 08 j 14:06	27°Ω09'40	-4.6m				
retrograde	-2989 Aug 18 j 19:35	29°Ω04'38		superior conj	-2986 Feb 06 j 13:01	24°333'42	-1°-23'-25
evening set	-2989 Sep 05 j 12:06	23°Ω14'50		minimum elong	-2986 Feb 06 j 10:19	24°325'23	1°23'31
inferior conj	-2989 Sep 08 j 14:10	21°Ω24'14	-8°-32'-13	max. Earth dist.	-2986 Feb 09 j 13:33	28°317'54	1.72845 AU
minimum elong	-2989 Sep 08 j 20:42	21°Ω14'21	8°31'33		-2986 Feb 10 j 22:35	0°≈	
min. Earth dist.	-2989 Sep 09 j 03:55	21°Ω03'27	0.26948 AU		-2986 Mar 07 j 06:34	0°♂	
morning rise	-2989 Sep 12 j 05:04	19°Ω14'26		evening rise	-2986 Mar 16 j 16:23	11°♂33'55	
direct	-2989 Sep 29 j 04:33	13°Ω40'35			-2986 Mar 31 j 17:17	0°Ⅳ	
greatest brilliancy	-2989 Oct 12 j 12:21	16°Ω57'14	-4.7m	asc. node	-2986 Apr 08 j 13:25	9°Ⅳ35'23	
asc. node	-2989 Oct 22 j 18:05	23°Ω00'29			-2986 Apr 25 j 06:58	0°♂	
	-2989 Oct 31 j 17:01	0°Ⅲ			-2986 May 20 j 00:06	0°Ⅱ	
morning max el	-2989 Nov 19 j 00:26	17°Ⅲ18'35	46°52'38		-2986 Jun 13 j 21:57	0°3	
	-2989 Dec 01 j 00:22	0°Δ			-2986 Jul 09 j 03:28	0°Ω	
	-2989 Dec 27 j 14:19	0°Ⅲ		desc. node	-2986 Jul 29 j 06:34	23°Ω28'40	
	-2988 Jan 22 j 03:40	0°♂			-2986 Aug 03 j 22:56	0°Ⅲ	
desc. node	-2988 Feb 11 j 12:39	24°♂15'33			-2986 Aug 31 j 00:04	0°Δ	
	-2988 Feb 16 j 07:53	0°3		evening max el	-2986 Sep 12 j 00:28	12°Δ27'54	47°26'16
	-2988 Mar 12 j 07:31	0°≈			-2986 Sep 30 j 22:39	0°Ⅲ	
	-2988 Apr 06 j 03:41	0°♂		greatest brilliancy	-2986 Oct 20 j 19:47	13°Ⅲ00'22	-4.7m
	-2988 Apr 30 j 20:20	0°Ⅳ		retrograde	-2986 Nov 01 j 19:45	15°Ⅲ42'21	
morning set	-2988 May 19 j 20:53	23°Ⅳ14'57		evening set	-2986 Nov 16 j 05:03	11°Ⅲ30'26	
	-2988 May 25 j 08:56	0°♂		asc. node	-2986 Nov 19 j 05:41	9°Ⅲ46'02	
asc. node	-2988 Jun 03 j 11:28	11°♂11'54		min. Earth dist.	-2986 Nov 21 j 17:04	8°Ⅲ15'22	0.26547 AU
	-2988 Jun 18 j 17:03	0°Ⅱ		inferior conj	-2986 Nov 22 j 09:12	7°Ⅲ50'27	0°48'25

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2986 Nov 22 j 07:24	7° \mathbb{M} 53'14	0°47'46	evening rise	-2983 May 22 j 19:43	15° \mathbb{U} 49'28	
morning rise	-2986 Nov 28 j 10:31	4° \mathbb{M} 16'46			-2983 Jun 03 j 08:11	0° \mathbb{I}	
direct	-2986 Dec 12 j 16:33	0° \mathbb{M} 12'30			-2983 Jun 27 j 16:53	0° \mathbb{S}	
greatest brilliancy	-2986 Dec 23 j 16:43	2° \mathbb{M} 29'50	-4.6m		-2983 Jul 22 j 01:56	0° \mathbb{Q}	
	-2985 Jan 29 j 08:33	0° \mathbb{J}			-2983 Aug 15 j 13:14	0° \mathbb{P}	
morning max el	-2985 Jan 31 j 10:49	2° \mathbb{J} 02'35	46°21'56	desc. node	-2983 Aug 25 j 18:48	12° \mathbb{P} 28'43	
	-2985 Feb 27 j 04:09	0° \mathbb{Z}			-2983 Sep 09 j 05:22	0° \mathbb{A}	
desc. node	-2985 Mar 11 j 00:32	13° \mathbb{Z} 07'33			-2983 Oct 04 j 06:34	0° \mathbb{M}	
	-2985 Mar 25 j 21:46	0° \mathbb{X}			-2983 Oct 30 j 02:55	0° \mathbb{J}	
	-2985 Apr 20 j 18:14	0° \mathbb{H}		evening max el	-2983 Nov 22 j 11:23	25° \mathbb{J} 18'14	47°07'48
	-2985 May 16 j 01:46	0° \mathbb{Y}			-2983 Nov 27 j 03:22	0° \mathbb{Z}	
	-2985 Jun 09 j 23:06	0° \mathbb{B}		asc. node	-2983 Dec 16 j 17:27	17° \mathbb{Z} 23'15	
asc. node	-2985 Jul 01 j 23:26	26° \mathbb{B} 55'30		greatest brilliancy	-2983 Dec 29 j 01:35	25° \mathbb{Z} 14'39	-4.6m
	-2985 Jul 04 j 11:21	0° \mathbb{I}		retrograde	-2982 Jan 12 j 08:27	29° \mathbb{Z} 01'05	
morning set	-2985 Jul 27 j 22:41	29° \mathbb{I} 06'40		evening set	-2982 Jan 29 j 19:50	23° \mathbb{Z} 02'03	
	-2985 Jul 28 j 15:48	0° \mathbb{S}		min. Earth dist.	-2982 Feb 01 j 20:38	21° \mathbb{Z} 07'31	0.28539 AU
	-2985 Aug 21 j 14:35	0° \mathbb{Q}		inferior conj	-2982 Feb 02 j 13:31	20° \mathbb{Z} 40'31	8°15'40
max. Earth dist.	-2985 Sep 01 j 17:48	14° \mathbb{Q} 00'30	1.71220 AU	minimum elong	-2982 Feb 02 j 09:53	20° \mathbb{Z} 46'20	8°15'22
				morning rise	-2982 Feb 06 j 00:12	18° \mathbb{Z} 30'09	
superior conj	-2985 Sep 03 j 20:31	16° \mathbb{Q} 40'08	1°21'59	direct	-2982 Feb 23 j 16:24	12° \mathbb{Z} 29'20	
minimum elong	-2985 Sep 04 j 01:09	16° \mathbb{Q} 54'45	1°22'01	greatest brilliancy	-2982 Mar 06 j 20:10	14° \mathbb{Z} 43'56	-4.5m
	-2985 Sep 14 j 10:30	0° \mathbb{P}			-2982 Mar 30 j 16:02	0° \mathbb{X}	
	-2985 Oct 08 j 06:11	0° \mathbb{A}		desc. node	-2982 Apr 07 j 11:53	6° \mathbb{X} 48'19	
evening rise	-2985 Oct 14 j 10:58	7° \mathbb{A} 47'49		morning max el	-2982 Apr 13 j 11:13	12° \mathbb{X} 21'46	45°50'23
desc. node	-2985 Oct 21 j 17:00	16° \mathbb{A} 54'32			-2982 May 01 j 00:49	0° \mathbb{H}	
	-2985 Nov 01 j 03:26	0° \mathbb{M}			-2982 May 28 j 12:14	0° \mathbb{Y}	
	-2985 Nov 25 j 03:25	0° \mathbb{J}			-2982 Jun 23 j 12:12	0° \mathbb{B}	
	-2985 Dec 19 j 07:26	0° \mathbb{Z}			-2982 Jul 18 j 15:02	0° \mathbb{I}	
	-2984 Jan 12 j 18:06	0° \mathbb{X}		asc. node	-2982 Jul 29 j 11:24	13° \mathbb{I} 12'22	
	-2984 Feb 06 j 16:20	0° \mathbb{H}			-2982 Aug 12 j 02:59	0° \mathbb{S}	
asc. node	-2984 Feb 11 j 15:13	5° \mathbb{H} 51'43			-2982 Sep 05 j 04:39	0° \mathbb{Q}	
	-2984 Mar 03 j 10:47	0° \mathbb{Y}			-2982 Sep 29 j 00:38	0° \mathbb{P}	
	-2984 Mar 30 j 20:05	0° \mathbb{B}		morning set	-2982 Oct 09 j 01:41	12° \mathbb{P} 40'33	
evening max el	-2984 Apr 15 j 15:15	15° \mathbb{B} 48'37	45°10'29		-2982 Oct 22 j 19:03	0° \mathbb{A}	
	-2984 May 01 j 19:05	0° \mathbb{I}			-2982 Nov 15 j 14:40	0° \mathbb{M}	
greatest brilliancy	-2984 May 21 j 02:46	12° \mathbb{I} 08'46	-4.5m	desc. node	-2982 Nov 18 j 05:02	3° \mathbb{M} 16'00	
desc. node	-2984 Jun 02 j 09:08	15° \mathbb{I} 00'02					
retrograde	-2984 Jun 02 j 22:13	15° \mathbb{I} 00'23		superior conj	-2982 Nov 19 j 16:35	5° \mathbb{M} 07'41	0°-3'-29
evening set	-2984 Jun 18 j 04:38	10° \mathbb{I} 37'30		minimum elong	-2982 Nov 19 j 15:36	5° \mathbb{M} 04'34	0°03'30
inferior conj	-2984 Jun 24 j 05:38	7° \mathbb{I} 04'25	-4°-52'-1	behind sun begin	-2982 Nov 18 j 12:59	3° \mathbb{M} 40'58	
minimum elong	-2984 Jun 23 j 20:20	7° \mathbb{I} 18'43	4°49'39	behind sun end	-2982 Nov 20 j 18:12	6° \mathbb{M} 28'09	
min. Earth dist.	-2984 Jun 24 j 13:47	6° \mathbb{I} 51'54	0.28335 AU	max. Earth dist.	-2982 Nov 23 j 19:47	10° \mathbb{M} 19'04	1.71217 AU
morning rise	-2984 Jun 29 j 11:26	3° \mathbb{I} 56'13			-2982 Dec 09 j 12:47	0° \mathbb{J}	
	-2984 Jul 08 j 09:50	30° \mathbb{R}		evening rise	-2982 Dec 31 j 15:05	27° \mathbb{J} 34'22	
direct	-2984 Jul 15 j 17:53	28° \mathbb{R} 56'27			-2981 Jan 02 j 13:54	0° \mathbb{Z}	
	-2984 Jul 23 j 07:25	0° \mathbb{I}			-2981 Jan 26 j 18:43	0° \mathbb{X}	
greatest brilliancy	-2984 Jul 30 j 05:40	2° \mathbb{I} 37'30	-4.6m		-2981 Feb 20 j 04:41	0° \mathbb{H}	
	-2984 Sep 02 j 23:34	0° \mathbb{S}		asc. node	-2981 Mar 11 j 03:22	23° \mathbb{H} 01'50	
morning max el	-2984 Sep 03 j 18:48	0° \mathbb{S} 48'00	46°35'11		-2981 Mar 16 j 21:58	0° \mathbb{Y}	
asc. node	-2984 Sep 23 j 08:45	21° \mathbb{S} 35'01			-2981 Apr 11 j 01:26	0° \mathbb{B}	
	-2984 Sep 30 j 20:00	0° \mathbb{Q}			-2981 May 06 j 19:52	0° \mathbb{I}	
	-2984 Oct 26 j 08:51	0° \mathbb{P}			-2981 Jun 02 j 16:14	0° \mathbb{S}	
	-2984 Nov 20 j 01:01	0° \mathbb{A}		evening max el	-2981 Jun 27 j 19:21	25° \mathbb{S} 54'47	46°05'53
	-2984 Dec 14 j 10:15	0° \mathbb{M}		desc. node	-2981 Jun 30 j 20:52	28° \mathbb{S} 49'57	
	-2983 Jan 07 j 18:35	0° \mathbb{J}			-2981 Jul 02 j 02:46	0° \mathbb{Q}	
desc. node	-2983 Jan 13 j 02:56	6° \mathbb{J} 34'59		greatest brilliancy	-2981 Aug 05 j 23:51	24° \mathbb{Q} 42'09	-4.6m
	-2983 Feb 01 j 03:58	0° \mathbb{Z}		retrograde	-2981 Aug 16 j 08:09	26° \mathbb{Q} 39'19	
	-2983 Feb 25 j 14:25	0° \mathbb{X}		evening set	-2981 Sep 03 j 02:25	20° \mathbb{Q} 46'04	
morning set	-2983 Mar 11 j 05:37	16° \mathbb{X} 43'35		inferior conj	-2981 Sep 06 j 02:38	18° \mathbb{Q} 58'13	-8°-38'-34
	-2983 Mar 22 j 01:24	0° \mathbb{H}		minimum elong	-2981 Sep 06 j 08:22	18° \mathbb{Q} 49'33	8°38'02
	-2983 Apr 15 j 12:22	0° \mathbb{Y}		min. Earth dist.	-2981 Sep 06 j 16:03	18° \mathbb{Q} 37'57	0.27005 AU
max. Earth dist.	-2983 Apr 16 j 00:49	0° \mathbb{Y} 38'13	1.73719 AU	morning rise	-2981 Sep 09 j 14:09	16° \mathbb{Q} 53'34	
				direct	-2981 Sep 26 j 18:19	11° \mathbb{Q} 13'41	
superior conj	-2983 Apr 16 j 21:51	1° \mathbb{Y} 42'44	0°-42'-52	greatest brilliancy	-2981 Oct 10 j 03:25	14° \mathbb{Q} 32'31	-4.7m
minimum elong	-2983 Apr 17 j 05:22	2° \mathbb{Y} 05'47	0°42'35	asc. node	-2981 Oct 21 j 20:08	21° \mathbb{Q} 39'18	
asc. node	-2983 May 06 j 01:30	25° \mathbb{Y} 13'34			-2981 Nov 01 j 02:23	0° \mathbb{P}	
	-2983 May 09 j 22:45	0° \mathbb{B}		morning max el	-2981 Nov 16 j 15:07	14° \mathbb{P} 55'03	46°52'56

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2981 Nov 30 j 19:23	0°♄			-2978 Jul 08 j 16:47	0°♄	
	-2981 Dec 27 j 05:29	0°♍		desc. node	-2978 Jul 28 j 08:47	22°♄52'44	
	-2980 Jan 21 j 17:02	0°♎			-2978 Aug 03 j 14:15	0°♎	
desc. node	-2980 Feb 10 j 14:53	23°♎44'55			-2978 Aug 30 j 19:46	0°♄	
	-2980 Feb 15 j 20:11	0°♏		evening max el	-2978 Sep 09 j 14:52	10°♄05'39	47°24'41
	-2980 Mar 11 j 19:08	0°♐			-2978 Oct 01 j 12:36	0°♍	
	-2980 Apr 05 j 14:51	0°♑		greatest brilliancy	-2978 Oct 18 j 11:47	10°♍35'35	-4.7m
	-2980 Apr 30 j 07:13	0°♒		retrograde	-2978 Oct 30 j 08:28	13°♍13'37	
morning set	-2980 May 17 j 15:55	21°♒13'16		evening set	-2978 Nov 13 j 18:20	9°♍02'12	
	-2980 May 24 j 19:39	0°♓		asc. node	-2978 Nov 18 j 07:47	6°♍21'50	
asc. node	-2980 Jun 02 j 13:36	10°♓45'35		inferior conj	-2978 Nov 19 j 21:55	5°♍23'01	0°24'29
	-2980 Jun 18 j 03:43	0°♊		minimum elong	-2978 Nov 19 j 21:00	5°♍24'26	0°24'08
max. Earth dist.	-2980 Jun 18 j 17:08	0°♊41'30	1.72925 AU	min. Earth dist.	-2978 Nov 19 j 07:14	5°♍45'42	0.26510 AU
				morning rise	-2978 Nov 26 j 00:23	1°♍47'41	
superior conj	-2980 Jun 22 j 16:56	5°♊38'05	0°45'04		-2978 Nov 29 j 18:19	30°♍	
minimum elong	-2980 Jun 22 j 09:12	5°♊14'08	0°44'49	direct	-2978 Dec 10 j 05:06	27°♄45'54	
	-2980 Jul 12 j 07:41	0°♋			-2978 Dec 21 j 02:13	0°♍	
evening rise	-2980 Jul 28 j 22:05	20°♋41'49		greatest brilliancy	-2978 Dec 21 j 06:34	0°♍04'18	-4.6m
	-2980 Aug 05 j 08:52	0°♌		morning max el	-2977 Jan 28 j 23:34	29°♍38'55	46°23'12
	-2980 Aug 29 j 09:16	0°♍			-2977 Jan 29 j 08:08	0°♎	
desc. node	-2980 Sep 22 j 06:54	29°♍47'58			-2977 Feb 26 j 20:32	0°♏	
	-2980 Sep 22 j 10:46	0°♄		desc. node	-2977 Mar 10 j 02:31	12°♏31'06	
	-2980 Oct 16 j 15:01	0°♍			-2977 Mar 25 j 11:30	0°♐	
	-2980 Nov 10 j 00:03	0°♎			-2977 Apr 20 j 06:36	0°♑	
	-2980 Dec 04 j 18:21	0°♏			-2977 May 15 j 13:20	0°♒	
	-2980 Dec 30 j 08:23	0°♐			-2977 Jun 09 j 10:13	0°♓	
asc. node	-2979 Jan 13 j 05:20	15°♐31'18		asc. node	-2977 Jul 01 j 01:36	26°♓28'33	
	-2979 Jan 26 j 21:16	0°♑			-2977 Jul 03 j 22:15	0°♊	
evening max el	-2979 Feb 01 j 11:58	5°♑37'31	45°45'01	morning set	-2977 Jul 25 j 14:39	26°♊53'01	
	-2979 Mar 03 j 06:06	0°♒			-2977 Jul 28 j 02:38	0°♋	
greatest brilliancy	-2979 Mar 07 j 14:47	2°♒20'28	-4.5m		-2977 Aug 21 j 01:26	0°♌	
retrograde	-2979 Mar 22 j 11:09	6°♒11'25		max. Earth dist.	-2977 Aug 30 j 00:46	11°♌17'11	1.71261 AU
evening set	-2979 Apr 07 j 14:20	1°♒09'52					
	-2979 Apr 09 j 13:30	30°♒		superior conj	-2977 Sep 01 j 10:18	14°♌18'14	1°22'44
inferior conj	-2979 Apr 12 j 21:35	27°♒55'18	4°45'37	minimum elong	-2977 Sep 01 j 14:07	14°♌30'15	1°22'46
minimum elong	-2979 Apr 13 j 06:05	27°♒41'54	4°43'38		-2977 Sep 13 j 21:24	0°♍	
min. Earth dist.	-2979 Apr 13 j 10:05	27°♒35'36	0.29218 AU		-2977 Oct 07 j 17:10	0°♄	
morning rise	-2979 Apr 18 j 21:47	24°♒16'25		evening rise	-2977 Oct 11 j 20:45	5°♄13'03	
direct	-2979 May 04 j 16:29	19°♒30'41		desc. node	-2977 Oct 20 j 19:04	16°♄26'17	
desc. node	-2979 May 04 j 23:27	19°♒30'47			-2977 Oct 31 j 14:32	0°♍	
greatest brilliancy	-2979 May 18 j 11:04	22°♒49'34	-4.5m		-2977 Nov 24 j 14:40	0°♎	
	-2979 May 30 j 16:42	0°♒			-2977 Dec 18 j 18:55	0°♏	
morning max el	-2979 Jun 22 j 18:12	19°♒35'59	45°56'56		-2976 Jan 12 j 05:58	0°♐	
	-2979 Jul 03 j 04:56	0°♓			-2976 Feb 06 j 04:56	0°♑	
	-2979 Jul 30 j 18:35	0°♊		asc. node	-2976 Feb 10 j 17:17	5°♑20'00	
	-2979 Aug 25 j 10:01	0°♋			-2976 Mar 03 j 00:57	0°♒	
asc. node	-2979 Aug 25 j 23:12	0°♋39'27			-2976 Mar 30 j 14:10	0°♓	
	-2979 Sep 19 j 01:43	0°♌		evening max el	-2976 Apr 13 j 05:23	13°♓34'05	45°10'08
	-2979 Oct 13 j 04:57	0°♍			-2976 May 02 j 06:36	0°♊	
	-2979 Nov 06 j 03:13	0°♄		greatest brilliancy	-2976 May 18 j 14:57	9°♊53'19	-4.5m
	-2979 Nov 30 j 01:16	0°♍		retrograde	-2976 May 31 j 12:44	12°♊48'02	
desc. node	-2979 Dec 15 j 17:07	19°♍35'23		desc. node	-2976 Jun 01 j 11:16	12°♊47'01	
	-2979 Dec 24 j 01:21	0°♎		evening set	-2976 Jun 15 j 17:42	8°♊26'58	
morning set	-2979 Dec 25 j 10:19	1°♎42'43		inferior conj	-2976 Jun 21 j 20:44	4°♊51'23	-4°-34'-22
	-2978 Jan 17 j 04:06	0°♏		minimum elong	-2976 Jun 21 j 11:47	5°♊05'07	4°32'01
				min. Earth dist.	-2976 Jun 22 j 05:25	4°♊38'03	0.28374 AU
superior conj	-2978 Feb 04 j 02:42	22°♏13'56	-1°-22'-54	morning rise	-2976 Jun 27 j 05:13	1°♊39'17	
minimum elong	-2978 Feb 03 j 23:08	22°♏02'56	1°22'58		-2976 Jun 30 j 08:29	30°♒	
max. Earth dist.	-2978 Feb 07 j 08:09	26°♏13'30	1.72792 AU	direct	-2976 Jul 13 j 08:54	26°♒42'23	
	-2978 Feb 10 j 09:26	0°♐			-2976 Jul 27 j 01:12	0°♊	
	-2978 Mar 06 j 17:22	0°♑		greatest brilliancy	-2976 Jul 27 j 22:47	0°♊25'10	-4.6m
evening rise	-2978 Mar 14 j 08:51	9°♑23'55		morning max el	-2976 Sep 01 j 08:54	28°♊27'47	46°34'03
	-2978 Mar 31 j 04:08	0°♒			-2976 Sep 02 j 21:37	0°♋	
asc. node	-2978 Apr 07 j 15:26	9°♒08'12		asc. node	-2976 Sep 22 j 10:44	20°♋53'10	
	-2978 Apr 24 j 18:02	0°♓			-2976 Sep 30 j 11:56	0°♌	
	-2978 May 19 j 11:36	0°♊			-2976 Oct 25 j 22:34	0°♍	
	-2978 Jun 13 j 10:09	0°♋			-2976 Nov 19 j 13:38	0°♄	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2976 Dec 13 j 22:14	0°♌		desc. node	-2973 Jun 29 j 23:04	27°♊55'04	
	-2975 Jan 07 j 06:08	0°♊			-2973 Jul 02 j 05:26	0°♏	
desc. node	-2975 Jan 12 j 05:07	6°♊06'26		greatest brilliancy	-2973 Aug 03 j 09:49	22°♏14'27	-4.6m
	-2975 Jan 31 j 15:12	0°♊		retrograde	-2973 Aug 13 j 20:42	24°♏13'17	
	-2975 Feb 25 j 01:24	0°♊		evening set	-2973 Aug 31 j 16:24	18°♏17'22	
morning set	-2975 Mar 08 j 21:59	14°♊33'09		inferior conj	-2973 Sep 03 j 15:04	16°♏31'41	-8°-43'-58
	-2975 Mar 21 j 12:13	0°♋		minimum elong	-2973 Sep 03 j 19:58	16°♏24'16	8°43'33
max. Earth dist.	-2975 Apr 13 j 20:44	28°♋39'06	1.73717 AU	min. Earth dist.	-2973 Sep 04 j 03:55	16°♏12'15	0.27056 AU
				morning rise	-2973 Sep 06 j 23:24	14°♏31'41	
superior conj	-2975 Apr 14 j 16:08	29°♋38'38	0°-45'-32	direct	-2973 Sep 24 j 08:13	8°♏46'35	
minimum elong	-2975 Apr 14 j 23:58	0°♌02'38	0°45'13	greatest brilliancy	-2973 Oct 07 j 17:17	12°♏05'52	-4.7m
	-2975 Apr 14 j 23:06	0°♌		asc. node	-2973 Oct 20 j 22:21	20°♏20'37	
asc. node	-2975 May 05 j 03:39	24°♌47'04			-2973 Nov 01 j 09:23	0°♐	
	-2975 May 09 j 09:31	0°♍		morning max el	-2973 Nov 14 j 05:22	12°♐30'01	46°53'07
evening rise	-2975 May 20 j 14:57	13°♍47'48			-2973 Nov 30 j 14:03	0°♑	
	-2975 Jun 02 j 19:07	0°♎			-2973 Dec 26 j 20:36	0°♌	
	-2975 Jun 27 j 04:05	0°♏			-2972 Jan 21 j 06:26	0°♊	
	-2975 Jul 21 j 13:32	0°♏		desc. node	-2972 Feb 09 j 16:52	23°♊13'15	
desc. node	-2975 Aug 15 j 01:25	0°♐			-2972 Feb 15 j 08:33	0°♊	
	-2975 Aug 24 j 20:47	11°♐56'46			-2972 Mar 11 j 06:51	0°♋	
	-2975 Sep 08 j 18:21	0°♑			-2972 Apr 05 j 02:09	0°♋	
	-2975 Oct 03 j 20:50	0°♌			-2972 Apr 29 j 18:16	0°♌	
	-2975 Oct 29 j 19:39	0°♊		morning set	-2972 May 15 j 10:53	19°♌10'50	
evening max el	-2975 Nov 20 j 02:09	22°♊57'59	47°10'19		-2972 May 24 j 06:35	0°♍	
	-2975 Nov 27 j 03:19	0°♊		asc. node	-2972 Jun 01 j 15:46	10°♍18'36	
asc. node	-2975 Dec 15 j 19:39	16°♊11'09		max. Earth dist.	-2972 Jun 16 j 11:37	28°♍36'27	1.72978 AU
greatest brilliancy	-2975 Dec 26 j 18:00	22°♊59'37	-4.6m		-2972 Jun 17 j 14:39	0°♎	
retrograde	-2974 Jan 10 j 00:55	26°♊46'47					
evening set	-2974 Jan 27 j 09:49	20°♊50'47		superior conj	-2972 Jun 20 j 11:14	3°♎32'13	0°42'23
min. Earth dist.	-2974 Jan 30 j 11:33	18°♊55'11	0.28479 AU	minimum elong	-2972 Jun 20 j 03:49	3°♎09'16	0°42'09
inferior conj	-2974 Jan 31 j 05:32	18°♊26'28	8°11'53		-2972 Jul 11 j 18:43	0°♏	
minimum elong	-2974 Jan 31 j 01:13	18°♊33'22	8°11'30	evening rise	-2972 Jul 26 j 14:30	18°♏28'29	
morning rise	-2974 Feb 03 j 16:54	16°♊15'18			-2972 Aug 04 j 20:05	0°♏	
direct	-2974 Feb 21 j 07:15	10°♊16'04			-2972 Aug 28 j 20:43	0°♐	
greatest brilliancy	-2974 Mar 04 j 10:37	12°♊30'29	-4.5m	desc. node	-2972 Sep 21 j 08:57	29°♐17'50	
	-2974 Mar 30 j 21:55	0°♋			-2972 Sep 21 j 22:31	0°♑	
desc. node	-2974 Apr 06 j 14:01	5°♋55'56			-2972 Oct 16 j 03:07	0°♌	
morning max el	-2974 Apr 11 j 03:10	10°♋11'26	45°50'53		-2972 Nov 09 j 12:40	0°♊	
	-2974 Apr 30 j 18:16	0°♋			-2972 Dec 04 j 07:51	0°♊	
	-2974 May 28 j 02:19	0°♌			-2972 Dec 29 j 23:41	0°♋	
	-2974 Jun 23 j 00:48	0°♍		asc. node	-2971 Jan 12 j 07:24	14°♋50'27	
	-2974 Jul 18 j 02:54	0°♎			-2971 Jan 26 j 17:32	0°♋	
asc. node	-2974 Jul 28 j 13:30	12°♎43'13		evening max el	-2971 Jan 30 j 04:03	3°♋25'35	45°47'36
	-2974 Aug 11 j 14:26	0°♏			-2971 Mar 04 j 21:00	0°♌	
	-2974 Sep 04 j 15:54	0°♏		greatest brilliancy	-2971 Mar 05 j 08:44	0°♌14'23	-4.5m
	-2974 Sep 28 j 11:50	0°♐		retrograde	-2971 Mar 20 j 03:58	4°♌04'08	
morning set	-2974 Oct 06 j 12:53	10°♐09'04			-2971 Apr 03 j 14:08	30°♌	
	-2974 Oct 22 j 06:14	0°♑		evening set	-2971 Apr 05 j 09:44	28°♌59'12	
	-2974 Nov 15 j 01:50	0°♌		inferior conj	-2971 Apr 10 j 14:33	25°♌47'37	5°00'56
				minimum elong	-2971 Apr 10 j 23:16	25°♌33'50	4°58'57
superior conj	-2974 Nov 17 j 01:23	2°♌29'25	0°00'35	min. Earth dist.	-2971 Apr 11 j 02:30	25°♌28'44	0.29227 AU
minimum elong	-2974 Nov 17 j 01:30	2°♌29'49	0°00'31	morning rise	-2971 Apr 16 j 12:47	22°♌11'04	
behind sun begin	-2974 Nov 15 j 22:30	1°♌04'55		direct	-2971 May 02 j 09:39	17°♌23'05	
behind sun end	-2974 Nov 18 j 04:31	3°♌54'41		desc. node	-2971 May 04 j 01:36	17°♌26'17	
desc. node	-2974 Nov 17 j 07:16	2°♌47'56		greatest brilliancy	-2971 May 16 j 00:41	20°♌38'02	-4.5m
max. Earth dist.	-2974 Nov 21 j 02:06	7°♌33'14	1.71177 AU		-2971 May 31 j 07:50	0°♌	
	-2974 Dec 08 j 23:55	0°♊		morning max el	-2971 Jun 20 j 09:53	17°♌24'47	45°55'51
evening rise	-2974 Dec 29 j 02:15	25°♊05'14			-2971 Jul 02 j 23:45	0°♍	
	-2973 Jan 02 j 01:00	0°♊			-2971 Jul 30 j 09:21	0°♎	
	-2973 Jan 26 j 05:52	0°♋			-2971 Aug 24 j 23:11	0°♏	
	-2973 Feb 19 j 16:00	0°♋		asc. node	-2971 Aug 25 j 01:13	0°♏06'05	
asc. node	-2973 Mar 10 j 05:23	22°♋32'51			-2971 Sep 18 j 14:06	0°♏	
	-2973 Mar 16 j 09:41	0°♌			-2971 Oct 12 j 16:55	0°♐	
	-2973 Apr 10 j 13:57	0°♍			-2971 Nov 05 j 14:55	0°♑	
	-2973 May 06 j 09:53	0°♎			-2971 Nov 29 j 12:46	0°♌	
	-2973 Jun 02 j 09:23	0°♏		desc. node	-2971 Dec 14 j 19:13	19°♌06'16	
evening max el	-2973 Jun 25 j 09:26	23°♏35'44	46°02'58	morning set	-2971 Dec 22 j 20:34	29°♌09'42	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2971 Dec 23 j 12:42	0°♁		retrograde	-2968 May 29 j 04:03	10°♂36'02	
	-2970 Jan 16 j 15:20	0°♂		desc. node	-2968 May 31 j 13:25	10°♂29'22	
				evening set	-2968 Jun 13 j 07:15	6°♂16'25	
superior conj	-2970 Feb 01 j 16:22	19°♂53'11	-1°-22'-14	inferior conj	-2968 Jun 19 j 12:05	2°♂38'32	-4°-16'-19
minimum elong	-2970 Feb 01 j 11:58	19°♂39'35	1°22'18	minimum elong	-2968 Jun 19 j 03:33	2°♂51'36	4°14'03
max. Earth dist.	-2970 Feb 05 j 02:31	24°♂07'22	1.72736 AU	min. Earth dist.	-2968 Jun 19 j 20:59	2°♂24'53	0.28413 AU
	-2970 Feb 09 j 20:34	0°≈			-2968 Jun 23 j 21:14	30°♂	
	-2970 Mar 06 j 04:28	0°♂		morning rise	-2968 Jun 24 j 23:12	29°♂22'54	
evening rise	-2970 Mar 12 j 01:20	7°♂12'59		direct	-2968 Jul 11 j 00:30	24°♂28'36	
	-2970 Mar 30 j 15:17	0°♂		greatest brilliancy	-2968 Jul 25 j 16:24	28°♂13'39	-4.6m
asc. node	-2970 Apr 06 j 17:37	8°♂40'39			-2968 Jul 29 j 01:59	0°♂	
	-2970 Apr 24 j 05:24	0°♂		morning max el	-2968 Aug 30 j 00:02	26°♂09'54	46°32'45
	-2970 May 18 j 23:24	0°♂			-2968 Sep 02 j 19:03	0°♂	
	-2970 Jun 12 j 22:43	0°♂		asc. node	-2968 Sep 21 j 13:00	20°♂11'54	
	-2970 Jul 08 j 06:36	0°♂			-2968 Sep 30 j 03:53	0°♂	
desc. node	-2970 Jul 27 j 10:44	22°♂14'25			-2968 Oct 25 j 12:30	0°♂	
	-2970 Aug 03 j 06:16	0°♂			-2968 Nov 19 j 02:34	0°♂	
	-2970 Aug 30 j 16:42	0°♂			-2968 Dec 13 j 10:34	0°♂	
evening max el	-2970 Sep 07 j 04:14	7°♂39'08	47°22'54		-2967 Jan 06 j 18:02	0°♂	
	-2970 Oct 02 j 08:11	0°♂		desc. node	-2967 Jan 11 j 07:08	5°♂36'16	
greatest brilliancy	-2970 Oct 16 j 04:09	8°♂09'14	-4.7m		-2967 Jan 31 j 02:44	0°♂	
retrograde	-2970 Oct 27 j 20:39	10°♂43'00			-2967 Feb 24 j 12:39	0°≈	
evening set	-2970 Nov 11 j 07:37	6°♂31'38		morning set	-2967 Mar 06 j 14:09	12°≈21'13	
inferior conj	-2970 Nov 17 j 10:29	2°♂53'51	0°00'20		-2967 Mar 20 j 23:17	0°♂	
minimum elong	-2970 Nov 17 j 10:28	2°♂53'52	0°00'17				
transit middle	-2970 Nov 17 j 10:28	2°♂53'52	0°00'17	superior conj	-2967 Apr 12 j 10:28	27°♂33'55	0°-48'-6
transit begin	-2970 Nov 17 j 06:25	3°♂00'07		minimum elong	-2967 Apr 12 j 18:34	27°♂58'47	0°47'48
transit end	-2970 Nov 17 j 14:31	2°♂47'36		max. Earth dist.	-2967 Apr 11 j 18:10	26°♂43'56	1.73714 AU
min. Earth dist.	-2970 Nov 16 j 21:31	3°♂13'52	0.26472 AU		-2967 Apr 14 j 10:05	0°♂	
asc. node	-2970 Nov 17 j 09:58	2°♂54'39		asc. node	-2967 May 04 j 05:48	24°♂19'53	
	-2970 Nov 22 j 06:37	30°♂			-2967 May 08 j 20:32	0°♂	
morning rise	-2970 Nov 23 j 13:53	29°♂17'08		evening rise	-2967 May 18 j 10:29	11°♂46'22	
direct	-2970 Dec 07 j 16:56	25°♂17'22			-2967 Jun 02 j 06:16	0°♂	
greatest brilliancy	-2970 Dec 18 j 21:03	27°♂37'57	-4.6m		-2967 Jun 26 j 15:29	0°♂	
	-2970 Dec 23 j 21:50	0°♂			-2967 Jul 21 j 01:20	0°♂	
morning max el	-2969 Jan 26 j 11:47	27°♂12'38	46°24'38		-2967 Aug 14 j 13:47	0°♂	
	-2969 Jan 29 j 07:08	0°♂		desc. node	-2967 Aug 23 j 22:56	11°♂24'49	
	-2969 Feb 26 j 12:58	0°♂			-2967 Sep 08 j 07:36	0°♂	
desc. node	-2969 Mar 09 j 04:37	11°♂54'24			-2967 Oct 03 j 11:27	0°♂	
	-2969 Mar 25 j 01:24	0°≈			-2967 Oct 29 j 13:00	0°♂	
	-2969 Apr 19 j 19:12	0°♂		evening max el	-2967 Nov 17 j 17:52	20°♂39'02	47°12'34
	-2969 May 15 j 01:11	0°♂			-2967 Nov 27 j 04:57	0°♂	
	-2969 Jun 08 j 21:38	0°♂		asc. node	-2967 Dec 14 j 21:43	14°♂55'16	
asc. node	-2969 Jun 30 j 03:42	26°♂00'29		greatest brilliancy	-2967 Dec 24 j 10:31	20°♂43'05	-4.6m
	-2969 Jul 03 j 09:27	0°♂		retrograde	-2966 Jan 07 j 17:35	24°♂30'26	
morning set	-2969 Jul 23 j 06:56	24°♂39'28		evening set	-2966 Jan 24 j 23:18	18°♂37'57	
	-2969 Jul 27 j 13:46	0°♂		min. Earth dist.	-2966 Jan 28 j 01:56	16°♂41'14	0.28413 AU
	-2969 Aug 20 j 12:38	0°♂		inferior conj	-2966 Jan 28 j 21:16	16°♂10'27	8°07'14
max. Earth dist.	-2969 Aug 27 j 10:49	8°♂42'30	1.71313 AU	minimum elong	-2966 Jan 28 j 16:18	16°♂18'23	8°06'46
				morning rise	-2966 Feb 01 j 09:36	13°♂58'09	
superior conj	-2969 Aug 30 j 00:10	11°♂55'28	1°23'19	direct	-2966 Feb 18 j 22:22	8°♂01'05	
minimum elong	-2969 Aug 30 j 03:07	12°♂04'47	1°23'22	greatest brilliancy	-2966 Mar 02 j 00:05	10°♂14'39	-4.5m
	-2969 Sep 13 j 08:42	0°♂			-2966 Mar 31 j 02:14	0°≈	
	-2969 Oct 07 j 04:35	0°♂		desc. node	-2966 Apr 05 j 16:14	5°≈04'05	
evening rise	-2969 Oct 09 j 06:21	2°♂36'25		morning max el	-2966 Apr 08 j 19:20	8°≈01'00	45°51'29
desc. node	-2969 Oct 19 j 21:15	15°♂57'02			-2966 Apr 30 j 11:31	0°♂	
	-2969 Oct 31 j 02:05	0°♂			-2966 May 27 j 16:23	0°♂	
	-2969 Nov 24 j 02:21	0°♂			-2966 Jun 22 j 13:27	0°♂	
	-2969 Dec 18 j 06:48	0°♂			-2966 Jul 17 j 14:48	0°♂	
	-2968 Jan 11 j 18:12	0°≈		asc. node	-2966 Jul 27 j 15:31	12°♂13'34	
	-2968 Feb 05 j 17:55	0°♂			-2966 Aug 11 j 01:57	0°♂	
asc. node	-2968 Feb 09 j 19:19	4°♂47'11			-2966 Sep 04 j 03:13	0°♂	
	-2968 Mar 02 j 15:36	0°♂			-2966 Sep 27 j 23:04	0°♂	
	-2968 Mar 30 j 09:01	0°♂		morning set	-2966 Oct 04 j 00:44	7°♂39'37	
evening max el	-2968 Apr 10 j 20:07	11°♂20'27	45°09'58		-2966 Oct 21 j 17:27	0°♂	
	-2968 May 02 j 22:19	0°♂					
greatest brilliancy	-2968 May 16 j 02:41	7°♂37'15	-4.5m	superior conj	-2966 Nov 14 j 10:22	29°♂51'32	0°04'37

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2966 Nov 14 j 11:38	29°♄55'29	0°04'31	min. Earth dist.	-2963 Apr 08 j 19:15	23°♂21'45	0.29236 AU
behind sun begin	-2966 Nov 13 j 09:23	28°♄32'58		morning rise	-2963 Apr 14 j 03:40	20°♂06'13	
behind sun end	-2966 Nov 15 j 13:52	1°♌17'57		direct	-2963 Apr 30 j 02:15	15°♂15'46	
	-2966 Nov 14 j 13:04	0°♌		desc. node	-2963 May 03 j 03:41	15°♂26'24	
desc. node	-2966 Nov 16 j 09:18	2°♌19'02		greatest brilliancy	-2963 May 13 j 14:58	18°♂27'35	-4.5m
max. Earth dist.	-2966 Nov 18 j 11:09	4°♌55'37	1.71146 AU		-2963 May 31 j 18:58	0°♀	
	-2966 Dec 08 j 11:09	0°♊		morning max el	-2963 Jun 18 j 00:58	15°♀12'34	45°54'57
evening rise	-2966 Dec 26 j 13:09	22°♊34'44			-2963 Jul 02 j 17:53	0°♄	
	-2965 Jan 01 j 12:15	0°♊			-2963 Jul 29 j 23:42	0°♈	
	-2965 Jan 25 j 17:10	0°♋		asc. node	-2963 Aug 24 j 03:28	29°♈34'23	
	-2965 Feb 19 j 03:29	0°♋			-2963 Aug 24 j 12:00	0°♄	
asc. node	-2965 Mar 09 j 07:35	22°♈04'04			-2963 Sep 18 j 02:11	0°♌	
	-2965 Mar 15 j 21:33	0°♀			-2963 Oct 12 j 04:36	0°♍	
	-2965 Apr 10 j 02:36	0°♄			-2963 Nov 05 j 02:21	0°♄	
	-2965 May 06 j 00:04	0°♈			-2963 Nov 29 j 00:00	0°♌	
	-2965 Jun 02 j 02:54	0°♄		desc. node	-2963 Dec 13 j 21:15	18°♌37'51	
evening max el	-2965 Jun 22 j 23:46	21°♄17'27	46°00'02	morning set	-2963 Dec 20 j 07:03	26°♌38'08	
desc. node	-2965 Jun 29 j 01:04	26°♄58'41			-2963 Dec 22 j 23:46	0°♊	
	-2965 Jul 02 j 09:39	0°♌			-2962 Jan 16 j 02:15	0°♊	
greatest brilliancy	-2965 Jul 31 j 21:03	19°♌48'51	-4.6m				
retrograde	-2965 Aug 11 j 09:10	21°♌48'07		superior conj	-2962 Jan 30 j 06:12	17°♊33'51	-1°-21'-25
evening set	-2965 Aug 29 j 06:15	15°♌50'34		minimum elong	-2962 Jan 30 j 01:00	17°♊17'46	1°21'28
inferior conj	-2965 Sep 01 j 03:45	14°♌06'20	-8°-48'-16	max. Earth dist.	-2962 Feb 02 j 20:14	22°♊00'05	1.72681 AU
minimum elong	-2965 Sep 01 j 07:47	14°♌00'13	8°47'59		-2962 Feb 09 j 07:25	0°♋	
min. Earth dist.	-2965 Sep 01 j 16:14	13°♌47'27	0.27102 AU		-2962 Mar 05 j 15:17	0°♋	
morning rise	-2965 Sep 04 j 09:13	12°♌10'21		evening rise	-2962 Mar 09 j 17:49	5°♋02'54	
direct	-2965 Sep 21 j 22:04	6°♌20'48			-2962 Mar 30 j 02:11	0°♀	
greatest brilliancy	-2965 Oct 05 j 06:47	9°♌39'33	-4.7m	asc. node	-2962 Apr 05 j 19:45	8°♀13'42	
asc. node	-2965 Oct 20 j 00:27	19°♌04'48			-2962 Apr 23 j 16:32	0°♄	
	-2965 Nov 01 j 14:05	0°♍			-2962 May 18 j 11:00	0°♈	
morning max el	-2965 Nov 11 j 18:44	10°♍03'16	46°53'17		-2962 Jun 12 j 11:04	0°♄	
	-2965 Nov 30 j 08:07	0°♄			-2962 Jul 07 j 20:13	0°♌	
	-2965 Dec 26 j 11:25	0°♌		desc. node	-2962 Jul 26 j 12:54	21°♌37'28	
	-2964 Jan 20 j 19:40	0°♊			-2962 Aug 02 j 22:09	0°♍	
desc. node	-2964 Feb 08 j 18:58	22°♊42'09			-2962 Aug 30 j 13:54	0°♄	
	-2964 Feb 14 j 20:51	0°♊		evening max el	-2962 Sep 04 j 16:37	5°♄11'26	47°21'06
	-2964 Mar 10 j 18:32	0°♋			-2962 Oct 03 j 09:51	0°♌	
	-2964 Apr 04 j 13:25	0°♋		greatest brilliancy	-2962 Oct 13 j 20:09	5°♌43'29	-4.7m
	-2964 Apr 29 j 05:15	0°♀		retrograde	-2962 Oct 25 j 08:54	8°♌13'46	
morning set	-2964 May 13 j 05:47	17°♀08'28		evening set	-2962 Nov 08 j 21:06	4°♌01'41	
	-2964 May 23 j 17:25	0°♄		inferior conj	-2962 Nov 14 j 23:04	0°♌25'47	0°-23'-49
asc. node	-2964 May 31 j 17:48	9°♄51'32		minimum elong	-2962 Nov 14 j 23:58	0°♌24'24	0°23'35
max. Earth dist.	-2964 Jun 14 j 05:57	26°♄31'20	1.73028 AU	min. Earth dist.	-2962 Nov 14 j 11:54	0°♌43'00	0.26441 AU
	-2964 Jun 17 j 01:28	0°♈			-2962 Nov 15 j 15:48	30°♌♄	
				asc. node	-2962 Nov 16 j 12:03	29°♄28'58	
superior conj	-2964 Jun 18 j 05:39	1°♈27'12	0°39'39	morning rise	-2962 Nov 21 j 03:14	26°♄48'05	
minimum elong	-2964 Jun 17 j 22:36	1°♈05'22	0°39'26	direct	-2962 Dec 05 j 04:36	22°♄49'35	
	-2964 Jul 11 j 05:38	0°♄		greatest brilliancy	-2962 Dec 16 j 12:12	25°♄13'21	-4.6m
evening rise	-2964 Jul 24 j 07:16	16°♄16'40			-2962 Dec 25 j 14:46	0°♌	
	-2964 Aug 04 j 07:11	0°♌		morning max el	-2961 Jan 24 j 00:38	24°♌48'50	46°26'13
	-2964 Aug 28 j 08:04	0°♍			-2961 Jan 29 j 04:47	0°♊	
desc. node	-2964 Sep 20 j 11:10	28°♍48'34			-2961 Feb 26 j 04:42	0°♊	
	-2964 Sep 21 j 10:09	0°♄		desc. node	-2961 Mar 08 j 06:51	11°♊19'34	
	-2964 Oct 15 j 15:05	0°♌			-2961 Mar 24 j 14:46	0°♋	
	-2964 Nov 09 j 01:08	0°♊			-2961 Apr 19 j 07:21	0°♋	
	-2964 Dec 03 j 21:13	0°♊			-2961 May 14 j 12:39	0°♀	
	-2964 Dec 29 j 14:59	0°♋			-2961 Jun 08 j 08:43	0°♄	
asc. node	-2963 Jan 11 j 09:28	14°♋09'43		asc. node	-2961 Jun 29 j 05:47	25°♄33'20	
	-2963 Jan 26 j 14:17	0°♋			-2961 Jul 02 j 20:20	0°♈	
evening max el	-2963 Jan 27 j 19:15	1°♋11'44	45°50'01	morning set	-2961 Jul 20 j 23:14	22°♈27'05	
greatest brilliancy	-2963 Mar 03 j 02:24	28°♋07'59	-4.5m		-2961 Jul 27 j 00:36	0°♄	
	-2963 Mar 07 j 11:56	0°♀			-2961 Aug 19 j 23:29	0°♌	
retrograde	-2963 Mar 17 j 20:30	1°♀57'08		max. Earth dist.	-2961 Aug 24 j 23:22	6°♌16'51	1.71361 AU
	-2963 Mar 27 j 18:14	30°♌♋					
evening set	-2963 Apr 03 j 05:09	26°♋48'40		superior conj	-2961 Aug 27 j 14:05	9°♌34'04	1°23'45
inferior conj	-2963 Apr 08 j 07:33	23°♋40'18	5°15'46	minimum elong	-2961 Aug 27 j 16:11	9°♌40'40	1°23'49
minimum elong	-2963 Apr 08 j 16:25	23°♋26'14	5°13'49		-2961 Sep 12 j 19:38	0°♍	

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-2961 Oct 06 j 16:09	0° $\underline{\text{A}}$ 01'38		desc. node	-2958 Apr 04 j 18:14	4° \approx 13'24	
	-2961 Oct 06 j 15:38	0° $\underline{\text{A}}$		morning max el	-2958 Apr 06 j 11:25	5° \approx 51'02	45°52'09
desc. node	-2961 Oct 18 j 23:17	15° $\underline{\text{A}}$ 28'30			-2958 Apr 30 j 04:09	0° H	
	-2961 Oct 30 j 13:17	0° M			-2958 May 27 j 06:02	0° Y	
	-2961 Nov 23 j 13:43	0° J			-2958 Jun 22 j 01:45	0° B	
	-2961 Dec 17 j 18:22	0° Z			-2958 Jul 17 j 02:26	0° II	
	-2960 Jan 11 j 06:08	0° \approx		asc. node	-2958 Jul 26 j 17:47	11° II 45'27	
	-2960 Feb 05 j 06:36	0° H			-2958 Aug 10 j 13:13	0° S	
asc. node	-2960 Feb 08 j 21:35	4° H 16'02			-2958 Sep 03 j 14:21	0° O	
	-2960 Mar 02 j 06:00	0° Y			-2958 Sep 27 j 10:09	0° M	
	-2960 Mar 30 j 03:57	0° B		morning set	-2958 Oct 01 j 12:19	5° M 09'44	
evening max el	-2960 Apr 08 j 11:30	9° B 09'34	45°09'49		-2958 Oct 21 j 04:32	0° $\underline{\text{A}}$	
	-2960 May 03 j 18:49	0° II					
greatest brilliancy	-2960 May 13 j 14:14	5° II 22'04	-4.5m	superior conj	-2958 Nov 11 j 19:05	27° $\underline{\text{A}}$ 13'12	0°08'39
retrograde	-2960 May 26 j 19:40	8° II 24'47		minimum elong	-2958 Nov 11 j 21:26	27° $\underline{\text{A}}$ 20'36	0°08'30
desc. node	-2960 May 30 j 15:27	8° II 07'37		behind sun begin	-2958 Nov 10 j 22:01	26° $\underline{\text{A}}$ 06'58	
evening set	-2960 Jun 10 j 20:57	4° II 06'32		behind sun end	-2958 Nov 12 j 20:51	28° $\underline{\text{A}}$ 34'13	
inferior conj	-2960 Jun 17 j 03:20	0° II 26'22	-3°-57'-56		-2958 Nov 14 j 00:08	0° M	
minimum elong	-2960 Jun 16 j 19:16	0° II 38'43	3°55'44	desc. node	-2958 Nov 15 j 11:20	1° M 50'39	
min. Earth dist.	-2960 Jun 17 j 12:13	0° II 12'45	0.28453 AU	max. Earth dist.	-2958 Nov 15 j 20:09	2° M 18'20	1.71109 AU
	-2960 Jun 17 j 20:32	30° R B			-2958 Dec 07 j 22:12	0° J	
morning rise	-2960 Jun 22 j 17:00	27° B 07'21		evening rise	-2958 Dec 23 j 23:42	20° J 03'38	
direct	-2960 Jul 08 j 16:30	22° B 15'37			-2958 Dec 31 j 23:18	0° Z	
greatest brilliancy	-2960 Jul 23 j 09:26	26° B 02'19	-4.6m		-2957 Jan 25 j 04:17	0° \approx	
	-2960 Jul 30 j 10:13	0° II			-2957 Feb 18 j 14:48	0° H	
morning max el	-2960 Aug 27 j 15:55	23° II 55'00	46°31'28	asc. node	-2957 Mar 08 j 09:42	21° H 35'29	
	-2960 Sep 02 j 15:28	0° S			-2957 Mar 15 j 09:18	0° Y	
asc. node	-2960 Sep 20 j 15:07	19° S 31'33			-2957 Apr 09 j 15:09	0° B	
	-2960 Sep 29 j 19:16	0° O			-2957 May 05 j 14:11	0° II	
	-2960 Oct 25 j 01:57	0° M			-2957 Jun 01 j 20:35	0° S	
	-2960 Nov 18 j 15:04	0° $\underline{\text{A}}$		evening max el	-2957 Jun 20 j 13:26	18° S 58'17	45°57'04
	-2960 Dec 12 j 22:29	0° M		desc. node	-2957 Jun 28 j 03:14	26° S 02'04	
	-2959 Jan 06 j 05:33	0° J			-2957 Jul 02 j 15:29	0° O	
desc. node	-2959 Jan 10 j 09:15	5° J 07'31		greatest brilliancy	-2957 Jul 29 j 08:55	17° O 24'38	-4.6m
	-2959 Jan 30 j 13:55	0° Z		retrograde	-2957 Aug 08 j 21:02	19° O 23'35	
	-2959 Feb 23 j 23:34	0° \approx		evening set	-2957 Aug 26 j 19:38	13° O 25'09	
morning set	-2959 Mar 04 j 06:17	10° \approx 10'06		inferior conj	-2957 Aug 29 j 16:29	11° O 41'40	-8°-51'-33
	-2959 Mar 20 j 10:00	0° H		minimum elong	-2957 Aug 29 j 19:35	11° O 36'57	8°51'22
max. Earth dist.	-2959 Apr 09 j 17:18	24° H 54'56	1.73707 AU	min. Earth dist.	-2957 Aug 30 j 04:51	11° O 22'54	0.27154 AU
				morning rise	-2957 Sep 01 j 19:26	9° O 49'04	
superior conj	-2959 Apr 10 j 04:50	25° H 30'20	0°-50'-36	direct	-2957 Sep 19 j 11:26	3° O 55'25	
minimum elong	-2959 Apr 10 j 13:11	25° H 55'58	0°50'19	greatest brilliancy	-2957 Oct 02 j 20:56	7° O 14'11	-4.7m
	-2959 Apr 13 j 20:43	0° Y		asc. node	-2957 Oct 19 j 02:33	17° O 51'12	
asc. node	-2959 May 03 j 07:51	23° Y 53'28			-2957 Nov 01 j 17:06	0° M	
	-2959 May 08 j 07:13	0° B		morning max el	-2957 Nov 09 j 07:20	7° M 34'17	46°53'20
evening rise	-2959 May 16 j 06:05	9° B 46'17			-2957 Nov 30 j 01:49	0° $\underline{\text{A}}$	
	-2959 Jun 01 j 17:07	0° II			-2957 Dec 26 j 02:03	0° M	
	-2959 Jun 26 j 02:38	0° S			-2956 Jan 20 j 08:46	0° J	
	-2959 Jul 20 j 12:55	0° O		desc. node	-2956 Feb 07 j 21:12	22° J 11'40	
	-2959 Aug 14 j 01:58	0° M			-2956 Feb 14 j 09:02	0° Z	
desc. node	-2959 Aug 23 j 01:05	10° M 53'31			-2956 Mar 10 j 06:07	0° \approx	
	-2959 Sep 07 j 20:40	0° $\underline{\text{A}}$			-2956 Apr 04 j 00:36	0° H	
	-2959 Oct 03 j 01:56	0° M			-2956 Apr 28 j 16:12	0° Y	
	-2959 Oct 29 j 06:22	0° J		morning set	-2956 May 11 j 00:43	15° Y 06'20	
evening max el	-2959 Nov 15 j 10:10	18° J 22'29	47°14'48		-2956 May 23 j 04:14	0° B	
	-2959 Nov 27 j 07:35	0° Z		asc. node	-2956 May 30 j 19:57	9° B 24'55	
asc. node	-2959 Dec 13 j 23:50	13° Z 38'00		max. Earth dist.	-2956 Jun 12 j 00:30	24° B 27'04	1.73076 AU
greatest brilliancy	-2959 Dec 22 j 03:42	18° Z 28'08	-4.6m				
retrograde	-2958 Jan 05 j 10:16	22° Z 14'24		superior conj	-2956 Jun 16 j 00:18	29° B 23'06	0°36'54
evening set	-2958 Jan 22 j 12:33	16° Z 25'54		minimum elong	-2956 Jun 15 j 17:38	29° B 02'30	0°36'41
min. Earth dist.	-2958 Jan 25 j 16:05	14° Z 27'53	0.28346 AU		-2956 Jun 16 j 12:14	0° II	
inferior conj	-2958 Jan 26 j 12:54	13° Z 54'46	8°01'54		-2956 Jul 10 j 16:29	0° S	
minimum elong	-2958 Jan 26 j 07:17	14° Z 03'41	8°01'18	evening rise	-2956 Jul 22 j 00:23	14° S 06'22	
morning rise	-2958 Jan 30 j 02:25	11° Z 40'56			-2956 Aug 03 j 18:14	0° O	
direct	-2958 Feb 16 j 13:46	5° Z 46'39			-2956 Aug 27 j 19:23	0° M	
greatest brilliancy	-2958 Feb 27 j 12:36	7° Z 58'13	-4.5m	desc. node	-2956 Sep 19 j 13:10	28° M 18'41	
	-2958 Mar 31 j 04:36	0° \approx			-2956 Sep 20 j 21:48	0° $\underline{\text{A}}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2956 Oct 15 j 03:08	0°♌				-2953 May 14 j 00:21	0°♑		
	-2956 Nov 08 j 13:46	0°♊				-2953 Jun 07 j 20:01	0°♉		
	-2956 Dec 03 j 10:50	0°♐		asc. node		-2953 Jun 28 j 07:57	25°♏05'37		
	-2956 Dec 29 j 06:37	0°♍				-2953 Jul 02 j 07:29	0°♈		
asc. node	-2955 Jan 10 j 11:43	13°♌28'42		morning set		-2953 Jul 18 j 15:38	20°♈14'22		
evening max el	-2955 Jan 25 j 09:33	28°♌55'09	45°52'42			-2953 Jul 26 j 11:42	0°♏		
	-2955 Jan 26 j 11:55	0°♋				-2953 Aug 19 j 10:36	0°♎		
greatest brilliancy	-2955 Feb 28 j 18:51	25°♋59'35	-4.5m	max. Earth dist.		-2953 Aug 22 j 11:27	3°♎48'53	1.71406 AU	
retrograde	-2955 Mar 15 j 12:55	29°♋49'51							
evening set	-2955 Apr 01 j 00:29	24°♋37'26		superior conj		-2953 Aug 25 j 04:18	7°♎12'45	1°24'02	
inferior conj	-2955 Apr 06 j 00:29	21°♋32'32	5°30'12	minimum elong		-2953 Aug 25 j 05:33	7°♎16'42	1°24'06	
minimum elong	-2955 Apr 06 j 09:27	21°♋18'18	5°28'18			-2953 Sep 12 j 06:49	0°♐		
min. Earth dist.	-2955 Apr 06 j 12:02	21°♋14'13	0.29244 AU	evening rise		-2953 Oct 04 j 02:21	27°♐27'22		
morning rise	-2955 Apr 11 j 18:21	18°♋01'15				-2953 Oct 06 j 02:55	0°♑		
direct	-2955 Apr 27 j 18:24	13°♋07'47		desc. node		-2953 Oct 18 j 01:21	14°♑59'19		
desc. node	-2955 May 02 j 05:48	13°♋30'14				-2953 Oct 30 j 00:42	0°♌		
greatest brilliancy	-2955 May 11 j 06:09	16°♋17'48	-4.5m			-2953 Nov 23 j 01:18	0°♊		
	-2955 Jun 01 j 03:20	0°♑				-2953 Dec 17 j 06:10	0°♐		
morning max el	-2955 Jun 15 j 16:18	13°♑00'42	45°54'15			-2952 Jan 10 j 18:22	0°♍		
	-2955 Jul 02 j 11:42	0°♉				-2952 Feb 04 j 19:42	0°♋		
	-2955 Jul 29 j 13:58	0°♈		asc. node		-2952 Feb 07 j 23:37	3°♋43'07		
asc. node	-2955 Aug 23 j 05:33	29°♈02'08				-2952 Mar 01 j 20:58	0°♑		
	-2955 Aug 24 j 00:47	0°♏				-2952 Mar 29 j 23:52	0°♉		
	-2955 Sep 17 j 14:16	0°♎		evening max el		-2952 Apr 06 j 03:46	6°♉59'53	45°09'51	
	-2955 Oct 11 j 16:19	0°♐				-2952 May 04 j 23:42	0°♈		
	-2955 Nov 04 j 13:51	0°♑		greatest brilliancy		-2952 May 11 j 02:44	3°♈07'17	-4.5m	
	-2955 Nov 28 j 11:21	0°♌		retrograde		-2952 May 24 j 11:20	6°♈12'44		
desc. node	-2955 Dec 12 j 23:24	18°♌09'15		desc. node		-2952 May 29 j 17:36	5°♈40'11		
morning set	-2955 Dec 17 j 17:00	24°♌04'09		evening set		-2952 Jun 08 j 11:00	1°♈55'57		
	-2955 Dec 22 j 11:00	0°♊				-2952 Jun 11 j 20:35	30°♉		
	-2954 Jan 15 j 13:23	0°♐		inferior conj		-2952 Jun 14 j 18:41	28°♉13'34	-3°-39'-22	
				minimum elong		-2952 Jun 14 j 11:08	28°♉25'09	3°37'15	
superior conj	-2954 Jan 27 j 19:26	15°♐11'56	-1°-20'-28	min. Earth dist.		-2952 Jun 15 j 03:27	28°♉00'08	0.28490 AU	
minimum elong	-2954 Jan 27 j 13:25	14°♐53'19	1°20'28	morning rise		-2952 Jun 20 j 10:46	24°♉51'12		
max. Earth dist.	-2954 Jan 31 j 10:50	19°♐42'33	1.72621 AU	direct		-2952 Jul 06 j 08:52	20°♉02'12		
	-2954 Feb 08 j 18:27	0°♍		greatest brilliancy		-2952 Jul 21 j 01:17	23°♉48'48	-4.6m	
	-2954 Mar 05 j 02:17	0°♋				-2952 Jul 31 j 09:48	0°♈		
evening rise	-2954 Mar 07 j 09:48	2°♋50'40		morning max el		-2952 Aug 25 j 07:51	21°♈39'29	46°30'03	
	-2954 Mar 29 j 13:16	0°♑				-2952 Sep 02 j 11:36	0°♏		
asc. node	-2954 Apr 04 j 21:46	7°♑45'49		asc. node		-2952 Sep 19 j 17:08	18°♏50'22		
	-2954 Apr 23 j 03:53	0°♉				-2952 Sep 29 j 10:45	0°♎		
	-2954 May 17 j 22:50	0°♈				-2952 Oct 24 j 15:36	0°♐		
	-2954 Jun 11 j 23:43	0°♏				-2952 Nov 18 j 03:46	0°♑		
	-2954 Jul 07 j 10:08	0°♎				-2952 Dec 12 j 10:37	0°♌		
desc. node	-2954 Jul 25 j 15:06	20°♎59'49				-2951 Jan 05 j 17:16	0°♊		
	-2954 Aug 02 j 14:27	0°♐		desc. node		-2951 Jan 09 j 11:24	4°♊38'09		
	-2954 Aug 30 j 11:59	0°♑				-2951 Jan 30 j 01:20	0°♐		
evening max el	-2954 Sep 02 j 05:05	2°♑43'50	47°19'21			-2951 Feb 23 j 10:44	0°♍		
	-2954 Oct 04 j 21:57	0°♌		morning set		-2951 Mar 01 j 22:21	7°♍57'53		
greatest brilliancy	-2954 Oct 11 j 11:06	3°♌16'15	-4.7m			-2951 Mar 19 j 21:02	0°♋		
retrograde	-2954 Oct 22 j 21:27	5°♌44'26							
evening set	-2954 Nov 06 j 10:46	1°♌30'55		superior conj		-2951 Apr 07 j 23:00	23°♋25'08	0°-53'-4	
	-2954 Nov 09 j 02:45	30°♌		minimum elong		-2951 Apr 08 j 07:33	23°♋51'22	0°52'46	
inferior conj	-2954 Nov 12 j 11:39	27°♌57'13	0°-47'-58	max. Earth dist.		-2951 Apr 07 j 16:33	23°♋05'20	1.73699 AU	
minimum elong	-2954 Nov 12 j 13:27	27°♌54'27	0°47'27			-2951 Apr 13 j 07:41	0°♑		
min. Earth dist.	-2954 Nov 12 j 02:01	28°♌12'00	0.26418 AU	asc. node		-2951 May 02 j 10:00	23°♑26'20		
asc. node	-2954 Nov 15 j 14:11	26°♌04'03				-2951 May 07 j 18:13	0°♉		
morning rise	-2954 Nov 18 j 16:26	24°♌19'04		evening rise		-2951 May 14 j 01:27	7°♉44'26		
direct	-2954 Dec 02 j 16:39	20°♌21'07				-2951 Jun 01 j 04:16	0°♈		
greatest brilliancy	-2954 Dec 14 j 03:17	22°♌48'10	-4.6m			-2951 Jun 25 j 14:05	0°♏		
	-2954 Dec 26 j 19:32	0°♌				-2951 Jul 20 j 00:49	0°♎		
morning max el	-2953 Jan 21 j 14:32	22°♌26'38	46°27'37			-2951 Aug 13 j 14:32	0°♐		
	-2953 Jan 29 j 02:01	0°♊		desc. node		-2951 Aug 22 j 03:04	10°♐20'36		
	-2953 Feb 25 j 20:32	0°♐				-2951 Sep 07 j 10:10	0°♑		
desc. node	-2953 Mar 07 j 08:50	10°♐43'14				-2951 Oct 02 j 16:57	0°♌		
	-2953 Mar 24 j 04:22	0°♍				-2951 Oct 29 j 00:27	0°♊		
	-2953 Apr 18 j 19:45	0°♋		evening max el		-2951 Nov 13 j 02:45	16°♊05'38	47°16'57	

Planetary Phenomena of Venus from -3400 through -2900 (UT), Astrodienst AG 7-Dez-2017 14:39, page 91

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2951 Nov 27 j 12:12	0°☾		asc. node	-2948 May 29 j 22:07	8°♄57'58	
asc. node	-2951 Dec 13 j 02:03	12°☾17'45		max. Earth dist.	-2948 Jun 09 j 20:25	22°♄26'38	1.73129 AU
greatest brilliancy	-2951 Dec 19 j 21:55	16°☾13'49	-4.6m				
retrograde	-2950 Jan 03 j 02:53	19°☾57'30		superior conj	-2948 Jun 13 j 19:02	27°♄18'53	0°34'06
evening set	-2950 Jan 20 j 01:47	14°☾13'36		minimum elong	-2948 Jun 13 j 12:47	26°♄59'34	0°33'53
min. Earth dist.	-2950 Jan 23 j 06:32	12°☾13'38	0.28273 AU		-2948 Jun 15 j 23:10	0°♄	
inferior conj	-2950 Jan 24 j 04:35	11°☾38'31	7°55'50		-2948 Jul 10 j 03:32	0°☾	
minimum elong	-2950 Jan 23 j 22:24	11°☾48'23	7°55'06	evening rise	-2948 Jul 19 j 17:39	11°☾55'59	
morning rise	-2950 Jan 27 j 19:29	9°☾22'39			-2948 Aug 03 j 05:29	0°♄	
direct	-2950 Feb 14 j 05:09	3°☾31'55			-2948 Aug 27 j 06:53	0°♄	
greatest brilliancy	-2950 Feb 25 j 00:35	5°☾40'34	-4.5m	desc. node	-2948 Sep 18 j 15:16	27°♄48'34	
	-2950 Mar 31 j 05:52	0°♄			-2948 Sep 20 j 09:37	0°♄	
desc. node	-2950 Apr 03 j 20:22	3°♄23'18			-2948 Oct 14 j 15:22	0°♄	
morning max el	-2950 Apr 04 j 02:51	3°♄38'46	45°52'42		-2948 Nov 08 j 02:36	0°♄	
	-2950 Apr 29 j 20:47	0°♄			-2948 Dec 03 j 00:42	0°☾	
	-2950 May 26 j 19:53	0°♄			-2948 Dec 28 j 22:40	0°♄	
	-2950 Jun 21 j 14:19	0°♄		asc. node	-2947 Jan 09 j 13:46	12°♄46'09	
	-2950 Jul 16 j 14:19	0°♄		evening max el	-2947 Jan 22 j 23:55	26°♄38'14	45°55'32
asc. node	-2950 Jul 25 j 19:51	11°♄15'51			-2947 Jan 26 j 10:35	0°♄	
	-2950 Aug 10 j 00:45	0°☾		greatest brilliancy	-2947 Feb 26 j 10:35	23°♄50'03	-4.5m
	-2950 Sep 03 j 01:43	0°♄		retrograde	-2947 Mar 13 j 05:51	27°♄42'47	
	-2950 Sep 26 j 21:29	0°♄		evening set	-2947 Mar 29 j 19:56	22°♄26'10	
morning set	-2950 Sep 28 j 23:56	2°♄39'09		inferior conj	-2947 Apr 03 j 17:32	19°♄24'55	5°44'08
	-2950 Oct 20 j 15:53	0°♄		minimum elong	-2947 Apr 04 j 02:34	19°♄10'35	5°42'16
				min. Earth dist.	-2947 Apr 04 j 04:47	19°♄07'04	0.29248 AU
superior conj	-2950 Nov 09 j 03:54	24°♄34'19	0°12'39	morning rise	-2947 Apr 09 j 09:05	15°♄56'49	
minimum elong	-2950 Nov 09 j 07:20	24°♄45'06	0°12'27	direct	-2947 Apr 25 j 10:34	10°♄59'58	
behind sun begin	-2950 Nov 08 j 13:33	23°♄49'09		desc. node	-2947 May 01 j 07:56	11°♄38'28	
behind sun end	-2950 Nov 10 j 01:07	25°♄41'03		greatest brilliancy	-2947 May 08 j 21:51	14°♄09'05	-4.5m
max. Earth dist.	-2950 Nov 13 j 02:28	29°♄31'38	1.71073 AU		-2947 Jun 01 j 09:15	0°♄	
	-2950 Nov 13 j 11:29	0°♄		morning max el	-2947 Jun 13 j 08:29	10°♄51'06	45°53'31
desc. node	-2950 Nov 14 j 13:30	1°♄21'47			-2947 Jul 02 j 05:05	0°♄	
	-2950 Dec 07 j 09:31	0°♄			-2947 Jul 29 j 04:07	0°♄	
evening rise	-2950 Dec 21 j 10:10	17°♄31'18		asc. node	-2947 Aug 22 j 07:36	28°♄29'38	
	-2950 Dec 31 j 10:36	0°☾			-2947 Aug 23 j 13:36	0°☾	
	-2949 Jan 24 j 15:39	0°♄			-2947 Sep 17 j 02:25	0°♄	
	-2949 Feb 18 j 02:21	0°♄			-2947 Oct 11 j 04:06	0°♄	
asc. node	-2949 Mar 07 j 11:44	21°♄06'02			-2947 Nov 04 j 01:24	0°♄	
	-2949 Mar 14 j 21:16	0°♄			-2947 Nov 27 j 22:44	0°♄	
	-2949 Apr 09 j 03:59	0°♄		desc. node	-2947 Dec 12 j 01:31	17°♄40'27	
	-2949 May 05 j 04:44	0°♄		morning set	-2947 Dec 15 j 02:47	21°♄29'28	
	-2949 Jun 01 j 14:59	0°☾			-2947 Dec 21 j 22:16	0°♄	
evening max el	-2949 Jun 18 j 02:25	16°☾36'47	45°54'09		-2946 Jan 15 j 00:33	0°☾	
desc. node	-2949 Jun 27 j 05:24	25°☾03'23					
	-2949 Jul 03 j 00:01	0°♄		superior conj	-2946 Jan 25 j 08:26	12°☾49'06	-1°-19'-20
greatest brilliancy	-2949 Jul 26 j 21:17	15°♄00'30	-4.6m	minimum elong	-2946 Jan 25 j 01:38	12°☾28'02	1°19'20
retrograde	-2949 Aug 06 j 08:44	16°♄59'02		max. Earth dist.	-2946 Jan 28 j 23:10	17°☾17'51	1.72565 AU
evening set	-2949 Aug 24 j 08:38	11°♄00'18			-2946 Feb 08 j 05:31	0°♄	
inferior conj	-2949 Aug 27 j 05:23	9°♄16'58	-8°-53'-48		-2946 Mar 04 j 13:18	0°♄	
minimum elong	-2949 Aug 27 j 07:32	9°♄13'42	8°53'41	evening rise	-2946 Mar 05 j 01:41	0°♄38'04	
min. Earth dist.	-2949 Aug 27 j 17:57	8°♄57'53	0.27206 AU		-2946 Mar 29 j 00:21	0°♄	
morning rise	-2949 Aug 30 j 06:18	7°♄27'10		asc. node	-2946 Apr 03 j 23:59	7°♄18'37	
direct	-2949 Sep 17 j 00:31	1°♄29'45			-2946 Apr 22 j 15:12	0°♄	
greatest brilliancy	-2949 Sep 30 j 12:01	4°♄49'46	-4.7m		-2946 May 17 j 10:38	0°♄	
asc. node	-2949 Oct 18 j 04:45	16°♄39'26			-2946 Jun 11 j 12:19	0°☾	
	-2949 Nov 01 j 18:53	0°♄			-2946 Jul 07 j 00:08	0°♄	
morning max el	-2949 Nov 06 j 19:39	5°♄04'02	46°53'20	desc. node	-2946 Jul 24 j 17:02	20°♄21'09	
	-2949 Nov 29 j 19:20	0°♄			-2946 Aug 02 j 07:02	0°♄	
	-2949 Dec 25 j 16:44	0°♄			-2946 Aug 30 j 11:03	0°♄	
	-2948 Jan 19 j 21:59	0°♄		evening max el	-2946 Aug 30 j 18:28	0°♄18'29	47°17'21
desc. node	-2948 Feb 06 j 23:08	21°♄39'48			-2946 Oct 07 j 05:32	0°♄	
	-2948 Feb 13 j 21:21	0°☾		greatest brilliancy	-2946 Oct 09 j 01:04	0°♄47'13	-4.7m
	-2948 Mar 09 j 17:50	0°♄		retrograde	-2946 Oct 20 j 10:17	3°♄14'06	
	-2948 Apr 03 j 11:55	0°♄			-2946 Nov 02 j 01:00	30°♄	
	-2948 Apr 28 j 03:14	0°♄		evening set	-2946 Nov 04 j 00:22	28°♄58'52	
morning set	-2948 May 08 j 19:47	13°♄04'12		inferior conj	-2946 Nov 09 j 23:55	25°♄27'31	-1°-12'-21
	-2948 May 22 j 15:09	0°♄		minimum elong	-2946 Nov 10 j 02:37	25°♄23'22	1°11'31

Planetary Phenomena of Venus from -3400 through -2900 (UT), Astrodienst AG 7-Dez-2017 14:39, page 92

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-2946 Nov 09 j 15:34	25° ♁ 40'17	0.26399 AU	asc. node	-2943 May 01 j 12:07	22° ♄ 59'46	
asc. node	-2946 Nov 14 j 16:21	22° ♁ 39'53			-2943 May 07 j 05:02	0° ♄	
morning rise	-2946 Nov 16 j 05:09	21° ♁ 49'25		evening rise	-2943 May 11 j 20:38	5° ♄ 42'38	
direct	-2946 Nov 30 j 04:56	17° ♁ 51'41			-2943 May 31 j 15:13	0° ♄	
greatest brilliancy	-2946 Dec 11 j 17:22	20° ♁ 21'13	-4.6m		-2943 Jun 25 j 01:18	0° ♄	
	-2946 Dec 27 j 16:41	0° ♄			-2943 Jul 19 j 12:28	0° ♄	
morning max el	-2945 Jan 19 j 05:02	20° ♄ 05'51	46°29'01		-2943 Aug 13 j 02:49	0° ♄	
	-2945 Jan 28 j 22:32	0° ♄		desc. node	-2943 Aug 21 j 05:13	9° ♄ 49'13	
	-2945 Feb 25 j 12:05	0° ♄			-2943 Sep 06 j 23:24	0° ♄	
desc. node	-2945 Mar 06 j 10:58	10° ♄ 07'46			-2943 Oct 02 j 07:46	0° ♄	
	-2945 Mar 23 j 17:46	0° ♄			-2943 Oct 28 j 18:38	0° ♄	
	-2945 Apr 18 j 08:00	0° ♄		evening max el	-2943 Nov 10 j 18:39	13° ♄ 47'29	47°18'42
	-2945 May 13 j 11:55	0° ♄			-2943 Nov 27 j 18:39	0° ♄	
	-2945 Jun 07 j 07:11	0° ♄		asc. node	-2943 Dec 12 j 04:05	10° ♄ 54'37	
asc. node	-2945 Jun 27 j 10:03	24° ♄ 38'15		greatest brilliancy	-2943 Dec 17 j 16:32	13° ♄ 59'41	-4.6m
	-2945 Jul 01 j 18:26	0° ♄		retrograde	-2943 Dec 31 j 18:41	17° ♄ 39'46	
morning set	-2945 Jul 16 j 08:28	18° ♄ 03'41		evening set	-2942 Jan 17 j 14:30	12° ♄ 01'02	
	-2945 Jul 25 j 22:36	0° ♄		min. Earth dist.	-2942 Jan 20 j 21:10	9° ♄ 58'09	0.28200 AU
	-2945 Aug 18 j 21:32	0° ♄		inferior conj	-2942 Jan 21 j 19:59	9° ♄ 21'46	7°48'46
max. Earth dist.	-2945 Aug 19 j 22:32	1° ♄ 18'31	1.71458 AU	minimum elong	-2942 Jan 21 j 13:14	9° ♄ 32'32	7°47'55
				morning rise	-2942 Jan 25 j 12:27	7° ♄ 03'24	
superior conj	-2945 Aug 22 j 18:51	4° ♄ 53'06	1°24'10	direct	-2942 Feb 11 j 19:55	1° ♄ 16'38	
minimum elong	-2945 Aug 22 j 19:15	4° ♄ 54'24	1°24'14	greatest brilliancy	-2942 Feb 22 j 13:05	3° ♄ 23'04	-4.5m
	-2945 Sep 11 j 17:52	0° ♄			-2942 Mar 31 j 05:47	0° ♄	
evening rise	-2945 Oct 01 j 12:35	24° ♄ 53'26		morning max el	-2942 Apr 01 j 17:07	1° ♄ 23'57	45°53'20
	-2945 Oct 05 j 14:08	0° ♄		desc. node	-2942 Apr 02 j 22:35	2° ♄ 34'39	
desc. node	-2945 Oct 17 j 03:32	14° ♄ 30'49			-2942 Apr 29 j 12:54	0° ♄	
	-2945 Oct 29 j 12:04	0° ♄			-2942 May 26 j 09:22	0° ♄	
	-2945 Nov 22 j 12:49	0° ♄			-2942 Jun 21 j 02:33	0° ♄	
	-2945 Dec 16 j 17:55	0° ♄			-2942 Jul 16 j 01:53	0° ♄	
	-2944 Jan 10 j 06:32	0° ♄		asc. node	-2942 Jul 24 j 21:52	10° ♄ 47'04	
	-2944 Feb 04 j 08:46	0° ♄		greatest brilliancy	-2942 Aug 08 j 02:02	28° ♄ 14'55	-3.9m
asc. node	-2944 Feb 07 j 01:41	3° ♄ 10'28			-2942 Aug 09 j 11:58	0° ♄	
	-2944 Mar 01 j 11:59	0° ♄			-2942 Sep 02 j 12:46	0° ♄	
	-2944 Mar 29 j 20:16	0° ♄			-2942 Sep 26 j 08:28	0° ♄	
evening max el	-2944 Apr 03 j 20:27	4° ♄ 51'34	45°09'56	morning set	-2942 Sep 26 j 12:04	0° ♄ 11'22	
	-2944 May 06 j 17:02	0° ♄			-2942 Oct 20 j 02:51	0° ♄	
greatest brilliancy	-2944 May 08 j 16:37	0° ♄ 54'54	-4.5m				
retrograde	-2944 May 22 j 02:42	4° ♄ 01'30		superior conj	-2942 Nov 06 j 13:11	21° ♄ 58'05	0°16'36
desc. node	-2944 May 28 j 19:44	3° ♄ 08'42		minimum elong	-2942 Nov 06 j 17:39	22° ♄ 12'07	0°16'20
	-2944 Jun 05 j 15:01	30° ♄		behind sun begin	-2942 Nov 06 j 15:48	22° ♄ 06'19	
evening set	-2944 Jun 06 j 01:23	29° ♄ 46'15		behind sun end	-2942 Nov 06 j 19:29	22° ♄ 17'55	
inferior conj	-2944 Jun 12 j 10:08	26° ♄ 01'52	-3°-20'-29	max. Earth dist.	-2942 Nov 10 j 07:08	26° ♄ 40'57	1.71043 AU
minimum elong	-2944 Jun 12 j 03:09	26° ♄ 12'37	3°18'31		-2942 Nov 12 j 22:27	0° ♄	
min. Earth dist.	-2944 Jun 12 j 18:55	25° ♄ 48'22	0.28521 AU	desc. node	-2942 Nov 13 j 15:35	0° ♄ 53'51	
morning rise	-2944 Jun 18 j 04:26	22° ♄ 36'09			-2942 Dec 06 j 20:30	0° ♄	
direct	-2944 Jul 04 j 01:15	17° ♄ 50'06		evening rise	-2942 Dec 18 j 20:31	14° ♄ 59'33	
greatest brilliancy	-2944 Jul 18 j 15:50	21° ♄ 34'42	-4.5m		-2942 Dec 30 j 21:37	0° ♄	
	-2944 Aug 01 j 02:44	0° ♄			-2941 Jan 24 j 02:46	0° ♄	
morning max el	-2944 Aug 22 j 23:00	19° ♄ 23'16	46°28'37		-2941 Feb 17 j 13:41	0° ♄	
	-2944 Sep 02 j 06:44	0° ♄		asc. node	-2941 Mar 06 j 13:56	20° ♄ 37'42	
asc. node	-2944 Sep 18 j 19:24	18° ♄ 11'20			-2941 Mar 14 j 09:03	0° ♄	
	-2944 Sep 29 j 01:42	0° ♄			-2941 Apr 08 j 16:40	0° ♄	
	-2944 Oct 24 j 04:54	0° ♄			-2941 May 04 j 19:12	0° ♄	
	-2944 Nov 17 j 16:14	0° ♄			-2941 Jun 01 j 09:36	0° ♄	
	-2944 Dec 11 j 22:34	0° ♄		evening max el	-2941 Jun 15 j 14:46	14° ♄ 14'36	45°51'22
desc. node	-2943 Jan 05 j 04:50	0° ♄		desc. node	-2941 Jun 26 j 07:24	24° ♄ 03'37	
	-2943 Jan 08 j 13:26	4° ♄ 08'52			-2941 Jul 03 j 11:08	0° ♄	
	-2943 Jan 29 j 12:34	0° ♄		greatest brilliancy	-2941 Jul 24 j 08:59	12° ♄ 36'30	-4.6m
	-2943 Feb 22 j 21:43	0° ♄		retrograde	-2941 Aug 03 j 20:35	14° ♄ 35'41	
morning set	-2943 Feb 27 j 13:52	5° ♄ 44'32		evening set	-2941 Aug 21 j 21:05	8° ♄ 37'00	
	-2943 Mar 19 j 07:51	0° ♄		inferior conj	-2941 Aug 24 j 18:14	6° ♄ 53'15	-8°-55'-3
				minimum elong	-2941 Aug 24 j 19:27	6° ♄ 51'25	8°54'59
superior conj	-2943 Apr 05 j 16:49	21° ♄ 19'27	0°-55'-29	min. Earth dist.	-2941 Aug 25 j 07:03	6° ♄ 33'48	0.27255 AU
minimum elong	-2943 Apr 06 j 01:31	21° ♄ 46'08	0°55'11	morning rise	-2941 Aug 27 j 17:39	5° ♄ 05'43	
max. Earth dist.	-2943 Apr 05 j 15:27	21° ♄ 15'17	1.73686 AU		-2941 Sep 07 j 20:13	30° ♄	
	-2943 Apr 12 j 18:27	0° ♄		direct	-2941 Sep 14 j 13:30	29° ♄ 04'55	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2941 Sep 21 j 11:19	0°Ω					-2938 Apr 22 j 02:25	0°⋈			
greatest brilliancy	-2941 Sep 28 j 03:59	2°Ω27'42	-4.7m				-2938 May 16 j 22:22	0°♊			
asc. node	-2941 Oct 17 j 06:50	15°Ω30'31					-2938 Jun 11 j 00:55	0°♋			
	-2941 Nov 01 j 18:57	0°♌					-2938 Jul 06 j 14:10	0°♍			
morning max el	-2941 Nov 04 j 08:25	2°♎36'08	46°53'33		desc. node		-2938 Jul 23 j 19:14	19°♎43'05			
	-2941 Nov 29 j 12:04	0°♏					-2938 Aug 01 j 23:50	0°♐			
	-2941 Dec 25 j 06:49	0°♑			evening max el		-2938 Aug 28 j 08:36	27°♐55'28	47°15'17		
	-2940 Jan 19 j 10:45	0°♒					-2938 Aug 30 j 11:02	0°♑			
desc. node	-2940 Feb 06 j 01:17	21°♓09'37			greatest brilliancy		-2938 Oct 06 j 14:39	28°♑18'02	-4.7m		
	-2940 Feb 13 j 09:19	0°♈					-2938 Oct 11 j 21:24	0°♒			
	-2940 Mar 09 j 05:16	0°♉			retrograde		-2938 Oct 17 j 23:16	0°♓43'38			
	-2940 Apr 02 j 22:58	0°♊					-2938 Oct 23 j 21:00	30°♓♈			
	-2940 Apr 27 j 14:03	0°♋			evening set		-2938 Nov 01 j 14:07	26°♓26'40			
morning set	-2940 May 06 j 14:28	11°♌01'32			min. Earth dist.		-2938 Nov 07 j 04:50	23°♓08'42	0.26379 AU		
	-2940 May 22 j 01:50	0°♌			inferior conj		-2938 Nov 07 j 12:02	22°♓57'41	-1°-36'-40		
asc. node	-2940 May 29 j 00:07	8°♌31'15			minimum elong		-2938 Nov 07 j 15:39	22°♓52'10	1°35'33		
max. Earth dist.	-2940 Jun 07 j 17:50	20°♌31'36	1.73178 AU		morning rise		-2938 Nov 13 j 17:30	19°♓19'53			
					asc. node		-2938 Nov 13 j 18:25	19°♓18'40			
superior conj	-2940 Jun 11 j 13:28	25°♌14'29	0°31'13		direct		-2938 Nov 27 j 17:32	15°♓22'17			
minimum elong	-2940 Jun 11 j 07:39	24°♌56'32	0°31'02		greatest brilliancy		-2938 Dec 09 j 06:37	17°♓53'14	-4.7m		
	-2940 Jun 15 j 09:51	0°♍					-2938 Dec 28 j 08:21	0°♎			
	-2940 Jul 09 j 14:22	0°♎			morning max el		-2937 Jan 16 j 19:38	17°♎45'35	46°30'32		
evening rise	-2940 Jul 17 j 10:53	9°♎46'22					-2937 Jan 28 j 18:14	0°♏			
	-2940 Aug 02 j 16:32	0°♏					-2937 Feb 25 j 03:12	0°♐			
	-2940 Aug 26 j 18:11	0°♐			desc. node		-2937 Mar 05 j 13:09	9°♐33'14			
desc. node	-2940 Sep 17 j 17:26	27°♐19'25					-2937 Mar 23 j 06:52	0°♑			
	-2940 Sep 19 j 21:12	0°♑					-2937 Apr 17 j 20:01	0°♒			
	-2940 Oct 14 j 03:21	0°♒					-2937 May 12 j 23:20	0°♓			
	-2940 Nov 07 j 15:09	0°♓					-2937 Jun 06 j 18:17	0°♈			
	-2940 Dec 02 j 14:17	0°♈			asc. node		-2937 Jun 26 j 12:07	24°♈10'50			
	-2940 Dec 28 j 14:32	0°♉					-2937 Jul 01 j 05:24	0°♊			
asc. node	-2939 Jan 08 j 15:50	12°♉04'17			morning set		-2937 Jul 14 j 01:15	15°♊52'51			
evening max el	-2939 Jan 20 j 14:48	24°♉23'38	45°58'18				-2937 Jul 25 j 09:31	0°♋			
	-2939 Jan 26 j 09:45	0°♊			max. Earth dist.		-2937 Aug 17 j 07:25	28°♋41'16	1.71509 AU		
greatest brilliancy	-2939 Feb 24 j 01:37	21°♋40'18	-4.5m				-2937 Aug 18 j 08:29	0°♌			
retrograde	-2939 Mar 10 j 23:08	25°♋36'12									
evening set	-2939 Mar 27 j 15:21	20°♋15'10			superior conj		-2937 Aug 20 j 09:25	2°♌33'38	1°24'09		
inferior conj	-2939 Apr 01 j 10:30	17°♋17'33	5°57'33		minimum elong		-2937 Aug 20 j 08:59	2°♌32'16	1°24'13		
minimum elong	-2939 Apr 01 j 19:35	17°♋03'11	5°55'44				-2937 Sep 11 j 04:56	0°♍			
min. Earth dist.	-2939 Apr 01 j 21:12	17°♋00'37	0.29257 AU		evening rise		-2937 Sep 28 j 22:49	22°♍19'30			
morning rise	-2939 Apr 06 j 23:42	13°♋52'59					-2937 Oct 05 j 01:20	0°♎			
direct	-2939 Apr 23 j 03:02	8°♋52'20			desc. node		-2937 Oct 16 j 05:33	14°♎01'45			
desc. node	-2939 Apr 30 j 10:00	9°♋50'52					-2937 Oct 28 j 23:27	0°♏			
greatest brilliancy	-2939 May 06 j 13:50	12°♋01'06	-4.5m				-2937 Nov 22 j 00:22	0°♐			
	-2939 Jun 01 j 13:05	0°♌					-2937 Dec 16 j 05:42	0°♑			
morning max el	-2939 Jun 11 j 01:26	8°♌43'50	45°52'46				-2936 Jan 09 j 18:44	0°♒			
	-2939 Jul 01 j 21:59	0°♍					-2936 Feb 03 j 21:51	0°♓			
	-2939 Jul 28 j 17:59	0°♎			asc. node		-2936 Feb 06 j 03:56	2°♓38'24			
asc. node	-2939 Aug 21 j 09:50	27°♎58'24					-2936 Mar 01 j 03:06	0°♏			
	-2939 Aug 23 j 02:10	0°♏					-2936 Mar 29 j 17:12	0°♐			
	-2939 Sep 16 j 14:20	0°♐			evening max el		-2936 Apr 01 j 12:38	2°♐42'25	45°10'02		
	-2939 Oct 10 j 15:40	0°♑			greatest brilliancy		-2936 May 06 j 07:10	28°♐43'49	-4.5m		
	-2939 Nov 03 j 12:44	0°♒					-2936 May 09 j 12:41	0°♓			
	-2939 Nov 27 j 09:54	0°♓			retrograde		-2936 May 19 j 17:42	1°♓50'57			
desc. node	-2939 Dec 11 j 03:31	17°♓12'04			desc. node		-2936 May 27 j 21:45	0°♓33'04			
morning set	-2939 Dec 12 j 12:53	18°♓56'23					-2936 May 29 j 11:51	30°♓♈			
	-2939 Dec 21 j 09:17	0°♈			evening set		-2936 Jun 03 j 16:09	27°♈36'54			
	-2938 Jan 14 j 11:26	0°♉			inferior conj		-2936 Jun 10 j 01:48	23°♈50'51	-3°-1'-25		
					minimum elong		-2936 Jun 09 j 19:24	24°♈00'43	2°59'36		
superior conj	-2938 Jan 22 j 21:36	10°♉27'32	-1°-18'-4		min. Earth dist.		-2936 Jun 10 j 10:56	23°♈36'47	0.28557 AU		
minimum elong	-2938 Jan 22 j 14:04	10°♉04'11	1°18'02		morning rise		-2936 Jun 15 j 22:10	20°♈21'45			
max. Earth dist.	-2938 Jan 26 j 12:58	14°♉58'23	1.72509 AU		direct		-2936 Jul 01 j 17:34	15°♈38'29			
	-2938 Feb 07 j 16:18	0°♊			greatest brilliancy		-2936 Jul 16 j 06:38	19°♈20'50	-4.5m		
evening rise	-2938 Mar 02 j 17:47	28°♊26'51					-2936 Aug 01 j 15:31	0°♋			
	-2938 Mar 04 j 00:05	0°♋			morning max el		-2936 Aug 20 j 13:25	17°♋04'51	46°27'08		
	-2938 Mar 28 j 11:15	0°♌					-2936 Sep 02 j 01:34	0°♍			
asc. node	-2938 Apr 03 j 02:04	6°♌51'32			asc. node		-2936 Sep 17 j 21:28	17°♍31'29			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2936 Sep 28 j 16:38	0°♌				-2933 Apr 08 j 05:42	0°♏		
	-2936 Oct 23 j 18:15	0°♍				-2933 May 04 j 10:05	0°♐		
	-2936 Nov 17 j 04:46	0°♎				-2933 Jun 01 j 04:55	0°♑		
	-2936 Dec 11 j 10:36	0°♏		evening max el		-2933 Jun 13 j 03:28	11°♑53'07	45°48'46	
	-2935 Jan 04 j 16:29	0°♐		desc. node		-2933 Jun 25 j 09:34	23°♑02'28		
desc. node	-2935 Jan 07 j 15:33	3°♐39'35				-2933 Jul 04 j 02:05	0°♌		
	-2935 Jan 28 j 23:54	0°♏		greatest brilliancy		-2933 Jul 21 j 19:21	10°♌11'17	-4.6m	
	-2935 Feb 22 j 08:49	0°♎		retrograde		-2933 Aug 01 j 09:10	12°♌12'45		
morning set	-2935 Feb 25 j 05:32	3°♎31'12		evening set		-2933 Aug 19 j 09:10	6°♌14'34		
	-2935 Mar 18 j 18:46	0°♏		inferior conj		-2933 Aug 22 j 07:19	4°♌29'32	-8°-55'-8	
				minimum elong		-2933 Aug 22 j 07:35	4°♌29'08	8°55'05	
superior conj	-2935 Apr 03 j 10:58	19°♏14'34	0°-57'-47	min. Earth dist.		-2933 Aug 22 j 19:57	4°♌10'23	0.27313 AU	
minimum elong	-2935 Apr 03 j 19:46	19°♏41'34	0°57'31	morning rise		-2933 Aug 25 j 05:49	2°♌43'30		
max. Earth dist.	-2935 Apr 03 j 13:54	19°♏23'34	1.73667 AU			-2933 Aug 30 j 04:58	30°♏♑		
	-2935 Apr 12 j 05:17	0°♍		direct		-2933 Sep 12 j 03:05	26°♑39'58		
asc. node	-2935 Apr 30 j 14:10	22°♍32'46				-2933 Sep 25 j 15:21	0°♌		
	-2935 May 06 j 15:54	0°♏		greatest brilliancy		-2933 Sep 25 j 20:39	0°♌06'12	-4.7m	
evening rise	-2935 May 09 j 16:08	3°♏41'42		asc. node		-2933 Oct 16 j 08:56	14°♌22'26		
	-2935 May 31 j 02:17	0°♐				-2933 Nov 01 j 18:26	0°♍		
	-2935 Jun 24 j 12:42	0°♑		morning max el		-2933 Nov 01 j 22:21	0°♍10'03	46°53'30	
	-2935 Jul 19 j 00:22	0°♌				-2933 Nov 29 j 04:59	0°♎		
	-2935 Aug 12 j 15:25	0°♍				-2933 Dec 24 j 21:16	0°♏		
desc. node	-2935 Aug 20 j 07:22	9°♍16'48				-2932 Jan 18 j 23:52	0°♐		
	-2935 Sep 06 j 13:01	0°♎		desc. node		-2932 Feb 05 j 03:30	20°♐38'31		
	-2935 Oct 01 j 23:03	0°♏				-2932 Feb 12 j 21:37	0°♏		
	-2935 Oct 28 j 13:34	0°♐				-2932 Mar 08 j 17:01	0°♎		
evening max el	-2935 Nov 08 j 09:36	11°♐26'00	47°20'30			-2932 Apr 02 j 10:21	0°♏		
	-2935 Nov 28 j 03:54	0°♏				-2932 Apr 27 j 01:10	0°♍		
asc. node	-2935 Dec 11 j 06:12	9°♏28'07		morning set		-2932 May 04 j 09:22	8°♍58'36		
greatest brilliancy	-2935 Dec 15 j 11:08	11°♏44'38	-4.6m			-2932 May 21 j 12:50	0°♏		
retrograde	-2935 Dec 29 j 10:03	15°♏21'23		asc. node		-2932 May 28 j 02:18	8°♏04'08		
evening set	-2934 Jan 15 j 03:10	9°♏47'52		max. Earth dist.		-2932 Jun 05 j 16:26	18°♏39'16	1.73220 AU	
min. Earth dist.	-2934 Jan 18 j 12:11	7°♏41'32	0.28125 AU						
inferior conj	-2934 Jan 19 j 11:26	7°♏04'25	7°41'02	superior conj		-2932 Jun 09 j 08:18	23°♏10'28	0°28'20	
minimum elong	-2934 Jan 19 j 04:10	7°♏16'02	7°40'02	minimum elong		-2932 Jun 09 j 02:58	22°♏53'59	0°28'10	
morning rise	-2934 Jan 23 j 05:38	4°♏43'18				-2932 Jun 14 j 20:51	0°♐		
	-2934 Feb 02 j 10:19	30°♏♐				-2932 Jul 09 j 01:27	0°♑		
direct	-2934 Feb 09 j 10:16	29°♐00'33		evening rise		-2932 Jul 15 j 04:44	7°♑37'59		
	-2934 Feb 16 j 16:20	0°♏				-2932 Aug 02 j 03:49	0°♌		
greatest brilliancy	-2934 Feb 20 j 02:46	1°♏06'00	-4.5m			-2932 Aug 26 j 05:44	0°♍		
morning max el	-2934 Mar 30 j 07:07	29°♏07'46	45°54'12	desc. node		-2932 Sep 16 j 19:27	26°♍48'52		
	-2934 Mar 31 j 04:54	0°♎				-2932 Sep 19 j 09:07	0°♎		
desc. node	-2934 Apr 02 j 00:34	1°♎45'41				-2932 Oct 13 j 15:44	0°♏		
	-2934 Apr 29 j 04:55	0°♏				-2932 Nov 07 j 04:13	0°♐		
	-2934 May 25 j 22:53	0°♍				-2932 Dec 02 j 04:29	0°♏		
	-2934 Jun 20 j 14:53	0°♏				-2932 Dec 28 j 07:14	0°♎		
	-2934 Jul 15 j 13:36	0°♐		asc. node		-2931 Jan 07 j 18:06	11°♎20'49		
asc. node	-2934 Jul 24 j 00:08	10°♐18'25		evening max el		-2931 Jan 18 j 06:30	22°♎09'30	46°01'16	
	-2934 Aug 08 j 23:23	0°♑				-2931 Jan 26 j 10:42	0°♏		
greatest brilliancy	-2934 Aug 14 j 06:53	6°♑35'51	-3.9m	greatest brilliancy		-2931 Feb 21 j 17:32	19°♏30'18	-4.5m	
	-2934 Sep 02 j 00:05	0°♌		retrograde		-2931 Mar 08 j 16:42	23°♏28'04		
morning set	-2934 Sep 24 j 00:05	27°♌42'05		evening set		-2931 Mar 25 j 10:44	18°♏02'47		
	-2934 Sep 25 j 19:48	0°♍		inferior conj		-2931 Mar 30 j 03:25	15°♏08'41	6°10'30	
	-2934 Oct 19 j 14:11	0°♎		minimum elong		-2931 Mar 30 j 12:27	14°♏54'23	6°08'47	
				min. Earth dist.		-2931 Mar 30 j 13:07	14°♏53'19	0.29259 AU	
superior conj	-2934 Nov 03 j 22:10	19°♎19'41	0°20'31	morning rise		-2931 Apr 04 j 14:08	11°♏47'53		
minimum elong	-2934 Nov 04 j 03:37	19°♎36'50	0°20'14	direct		-2931 Apr 20 j 19:55	6°♏43'28		
max. Earth dist.	-2934 Nov 07 j 08:39	23°♎39'10	1.71014 AU	desc. node		-2931 Apr 29 j 12:08	8°♏05'49		
	-2934 Nov 12 j 09:47	0°♏		greatest brilliancy		-2931 May 04 j 04:58	9°♏51'01	-4.5m	
desc. node	-2934 Nov 12 j 17:38	0°♏24'42				-2931 Jun 01 j 15:47	0°♍		
	-2934 Dec 06 j 07:49	0°♐		morning max el		-2931 Jun 08 j 18:50	6°♍36'49	45°52'09	
evening rise	-2934 Dec 16 j 06:29	12°♐25'32				-2931 Jul 01 j 14:52	0°♏		
	-2934 Dec 30 j 08:58	0°♏				-2931 Jul 28 j 07:58	0°♐		
	-2933 Jan 23 j 14:12	0°♎		asc. node		-2931 Aug 20 j 11:53	27°♐26'01		
	-2933 Feb 17 j 01:21	0°♏				-2931 Aug 22 j 14:53	0°♑		
asc. node	-2933 Mar 05 j 16:01	20°♏08'03				-2931 Sep 16 j 02:26	0°♌		
	-2933 Mar 13 j 21:11	0°♍				-2931 Oct 10 j 03:25	0°♍		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2931 Nov 03 j 00:18	0°♌	evening set	-2928 Jun 01 j 07:00	25°♌26'33	
	-2931 Nov 26 j 21:22	0°♍	inferior conj	-2928 Jun 07 j 17:26	21°♌39'19	-2°-42'-13
morning set	-2931 Dec 09 j 22:41	16°♍21'15	minimum elong	-2928 Jun 07 j 11:39	21°♌48'15	2°40'32
desc. node	-2931 Dec 10 j 05:43	16°♍43'14	min. Earth dist.	-2928 Jun 08 j 03:10	21°♌24'16	0.28591 AU
	-2931 Dec 20 j 20:40	0°♎	morning rise	-2928 Jun 13 j 15:43	18°♌07'03	
	-2930 Jan 13 j 22:43	0°♏	direct	-2928 Jun 29 j 09:17	13°♌26'19	
			greatest brilliancy	-2928 Jul 13 j 22:01	17°♌07'23	-4.5m
superior conj	-2930 Jan 20 j 10:01	8°♏02'18		-2928 Aug 02 j 01:10	0°♐	
minimum elong	-2930 Jan 20 j 01:48	7°♏36'46	morning max el	-2928 Aug 18 j 03:05	14°♐44'27	46°25'44
max. Earth dist.	-2930 Jan 24 j 03:00	12°♏38'17		-2928 Sep 01 j 19:58	0°♑	
	-2930 Feb 07 j 03:29	0°♒	asc. node	-2928 Sep 16 j 23:33	16°♑51'58	
evening rise	-2930 Feb 28 j 09:17	26°♒12'32		-2928 Sep 28 j 07:25	0°♒	
	-2930 Mar 03 j 11:15	0°♓		-2928 Oct 23 j 07:30	0°♓	
	-2930 Mar 27 j 22:31	0°♑		-2928 Nov 16 j 17:13	0°♑	
asc. node	-2930 Apr 02 j 04:07	6°♑23'18		-2928 Dec 10 j 22:31	0°♒	
	-2930 Apr 21 j 13:58	0°♒		-2927 Jan 04 j 04:00	0°♓	
	-2930 May 16 j 10:28	0°♐	desc. node	-2927 Jan 06 j 17:42	3°♓10'43	
	-2930 Jun 10 j 13:52	0°♑		-2927 Jan 28 j 11:08	0°♏	
	-2930 Jul 06 j 04:35	0°♒		-2927 Feb 21 j 19:51	0°♒	
desc. node	-2930 Jul 22 j 21:24	19°♒04'02	morning set	-2927 Feb 22 j 20:59	1°♒17'19	
	-2930 Aug 01 j 17:08	0°♓		-2927 Mar 18 j 05:41	0°♓	
evening max el	-2930 Aug 25 j 23:26	25°♓34'04				
	-2930 Aug 30 j 12:13	0°♑	superior conj	-2927 Apr 01 j 04:52	17°♓08'52	-1°00'-2
greatest brilliancy	-2930 Oct 04 j 04:38	25°♑49'49	minimum elong	-2927 Apr 01 j 13:43	17°♓36'02	0°59'46
retrograde	-2930 Oct 15 j 12:14	28°♑13'34	max. Earth dist.	-2927 Apr 01 j 10:00	17°♓24'35	1.73651 AU
evening set	-2930 Oct 30 j 04:21	23°♑54'57		-2927 Apr 11 j 16:10	0°♑	
inferior conj	-2930 Nov 05 j 00:26	20°♑28'23	asc. node	-2927 Apr 29 j 16:20	22°♑06'02	
minimum elong	-2930 Nov 05 j 04:55	20°♑21'33		-2927 May 06 j 02:49	0°♒	
min. Earth dist.	-2930 Nov 04 j 18:18	20°♑37'46	evening rise	-2927 May 07 j 11:15	1°♒39'31	
morning rise	-2930 Nov 11 j 05:50	16°♑50'57		-2927 May 30 j 13:22	0°♐	
asc. node	-2930 Nov 12 j 20:34	16°♑01'57		-2927 Jun 24 j 00:06	0°♑	
direct	-2930 Nov 25 j 06:37	12°♑53'32		-2927 Jul 18 j 12:16	0°♒	
greatest brilliancy	-2930 Dec 06 j 19:47	15°♑25'04		-2927 Aug 12 j 04:01	0°♓	
	-2930 Dec 28 j 20:12	0°♒	desc. node	-2927 Aug 19 j 09:20	8°♓43'57	
morning max el	-2929 Jan 14 j 09:37	15°♒22'59		-2927 Sep 06 j 02:39	0°♑	
	-2929 Jan 28 j 13:40	0°♓		-2927 Oct 01 j 14:26	0°♒	
	-2929 Feb 24 j 18:26	0°♏		-2927 Oct 28 j 08:50	0°♓	
desc. node	-2929 Mar 04 j 15:09	8°♏57'23	evening max el	-2927 Nov 05 j 23:50	9°♓03'04	47°22'18
	-2929 Mar 22 j 20:13	0°♒		-2927 Nov 28 j 16:01	0°♏	
	-2929 Apr 17 j 08:19	0°♓	asc. node	-2927 Dec 10 j 08:26	7°♏59'23	
	-2929 May 12 j 11:00	0°♑	greatest brilliancy	-2927 Dec 13 j 05:05	9°♏29'07	-4.6m
	-2929 Jun 06 j 05:36	0°♒	retrograde	-2927 Dec 27 j 01:26	13°♏03'43	
asc. node	-2929 Jun 25 j 14:19	23°♒43'17	evening set	-2926 Jan 12 j 15:44	7°♏35'16	
	-2929 Jun 30 j 16:32	0°♐	min. Earth dist.	-2926 Jan 16 j 03:18	5°♏25'23	0.28050 AU
morning set	-2929 Jul 11 j 18:05	13°♐41'48	inferior conj	-2926 Jan 17 j 02:55	4°♏47'44	7°32'31
	-2929 Jul 24 j 20:35	0°♑	minimum elong	-2926 Jan 16 j 19:09	5°♏00'07	7°31'21
max. Earth dist.	-2929 Aug 14 j 15:35	26°♑01'26	morning rise	-2926 Jan 20 j 23:02	2°♏23'46	
	-2929 Aug 17 j 19:36	0°♒		-2926 Jan 25 j 06:51	30°♒♎	
			direct	-2926 Feb 07 j 00:19	26°♒45'00	
superior conj	-2929 Aug 18 j 00:23	0°♒15'01	greatest brilliancy	-2926 Feb 17 j 17:17	28°♒50'34	-4.5m
minimum elong	-2929 Aug 17 j 23:09	0°♒11'08		-2926 Feb 20 j 12:36	0°♏	
	-2929 Sep 10 j 16:08	0°♓	morning max el	-2926 Mar 27 j 21:17	26°♏52'27	45°54'59
evening rise	-2929 Sep 26 j 09:32	19°♓46'51		-2926 Mar 31 j 02:51	0°♒	
	-2929 Oct 04 j 12:39	0°♑	desc. node	-2926 Apr 01 j 02:44	0°♒58'34	
desc. node	-2929 Oct 15 j 07:39	13°♑32'44		-2926 Apr 28 j 20:33	0°♓	
	-2929 Oct 28 j 10:53	0°♒		-2926 May 25 j 12:12	0°♑	
	-2929 Nov 21 j 11:59	0°♓		-2926 Jun 20 j 03:05	0°♒	
	-2929 Dec 15 j 17:34	0°♏		-2926 Jul 15 j 01:12	0°♐	
	-2928 Jan 09 j 07:06	0°♒	asc. node	-2926 Jul 23 j 02:12	9°♐49'35	
	-2928 Feb 03 j 11:14	0°♓		-2926 Aug 08 j 10:40	0°♑	
asc. node	-2928 Feb 05 j 05:57	2°♓04'54	greatest brilliancy	-2926 Aug 17 j 12:28	11°♑17'16	-3.9m
	-2928 Feb 29 j 18:42	0°♑		-2926 Sep 01 j 11:13	0°♒	
	-2928 Mar 29 j 15:17	0°♒	morning set	-2926 Sep 21 j 12:08	25°♒13'37	
evening max el	-2928 Mar 30 j 03:56	0°♒30'13		-2926 Sep 25 j 06:54	0°♓	
greatest brilliancy	-2928 May 03 j 21:44	26°♒31'52		-2926 Oct 19 j 01:18	0°♑	
retrograde	-2928 May 17 j 08:29	29°♒39'50				
desc. node	-2928 May 26 j 23:56	27°♒51'46	superior conj	-2926 Nov 01 j 07:09	16°♑41'53	0°24'24

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2926 Nov 01 j 13:33	17° Ω 02'02	0°24'05	direct	-2923 Apr 18 j 13:08	4° Υ 36'13	
max. Earth dist.	-2926 Nov 04 j 10:24	20° Ω 38'45	1.70991 AU	desc. node	-2923 Apr 28 j 14:16	6° Υ 25'49	
desc. node	-2926 Nov 11 j 19:48	29° Ω 56'35		greatest brilliancy	-2923 May 01 j 18:54	7° Υ 40'57	-4.5m
	-2926 Nov 11 j 20:53	0° \mathbb{M}			-2923 Jun 01 j 16:30	0° Υ	
	-2926 Dec 05 j 18:56	0° \mathcal{A}		morning max el	-2923 Jun 06 j 11:51	4° Υ 30'20	45°51'24
evening rise	-2926 Dec 13 j 16:29	9° \mathcal{A} 52'14			-2923 Jul 01 j 07:01	0° \mathcal{B}	
	-2926 Dec 29 j 20:05	0° \mathcal{B}			-2923 Jul 27 j 21:31	0° \mathbb{I}	
	-2925 Jan 23 j 01:23	0° \approx		asc. node	-2923 Aug 19 j 13:58	26° \mathbb{I} 54'38	
	-2925 Feb 16 j 12:44	0° \mathcal{H}			-2923 Aug 22 j 03:17	0° \mathcal{G}	
asc. node	-2925 Mar 04 j 18:05	19° \mathcal{H} 39'10			-2923 Sep 15 j 14:15	0° \mathcal{O}	
	-2925 Mar 13 j 09:03	0° Υ			-2923 Oct 09 j 14:55	0° \mathbb{N}	
	-2925 Apr 07 j 18:33	0° \mathcal{B}			-2923 Nov 02 j 11:35	0° $\underline{\Omega}$	
	-2925 May 04 j 00:57	0° \mathbb{I}			-2923 Nov 26 j 08:30	0° \mathbb{M}	
	-2925 Jun 01 j 00:38	0° \mathcal{G}		morning set	-2923 Dec 07 j 08:25	13° \mathbb{M} 46'51	
evening max el	-2925 Jun 10 j 16:55	9° \mathcal{G} 34'04	45°46'10	desc. node	-2923 Dec 09 j 07:47	16° \mathbb{M} 15'06	
desc. node	-2925 Jun 24 j 11:44	22° \mathcal{G} 00'03			-2923 Dec 20 j 07:41	0° \mathcal{A}	
	-2925 Jul 04 j 21:51	0° \mathcal{O}			-2922 Jan 13 j 09:37	0° \mathcal{B}	
greatest brilliancy	-2925 Jul 19 j 05:01	7° \mathcal{O} 45'51	-4.6m				
retrograde	-2925 Jul 29 j 22:13	9° \mathcal{O} 50'12		superior conj	-2922 Jan 17 j 22:18	5° \mathcal{B} 37'34	-1°-15'-3
evening set	-2925 Aug 16 j 20:42	3° \mathcal{O} 53'16		minimum elong	-2922 Jan 17 j 13:25	5° \mathcal{B} 09'59	1°14'57
inferior conj	-2925 Aug 19 j 20:17	2° \mathcal{O} 06'14	-8°-54'-21	max. Earth dist.	-2922 Jan 21 j 19:14	10° \mathcal{B} 26'01	1.72398 AU
minimum elong	-2925 Aug 19 j 19:36	2° \mathcal{O} 07'16	8°54'17		-2922 Feb 06 j 14:19	0° \approx	
min. Earth dist.	-2925 Aug 20 j 08:22	1° \mathcal{O} 47'57	0.27366 AU	evening rise	-2922 Feb 26 j 00:47	23° \approx 59'13	
morning rise	-2925 Aug 22 j 18:20	0° \mathcal{O} 21'01			-2922 Mar 02 j 22:04	0° \mathcal{H}	
	-2925 Aug 23 j 08:40	30° $\mathcal{R}\mathcal{G}$			-2922 Mar 27 j 09:27	0° Υ	
direct	-2925 Sep 09 j 17:05	24° \mathcal{G} 15'43		asc. node	-2922 Apr 01 j 06:20	5° Υ 56'41	
greatest brilliancy	-2925 Sep 23 j 12:29	27° \mathcal{G} 44'33	-4.7m		-2922 Apr 21 j 01:10	0° \mathcal{B}	
	-2925 Sep 27 j 18:54	0° \mathcal{O}			-2922 May 15 j 22:11	0° \mathbb{I}	
asc. node	-2925 Oct 15 j 11:10	13° \mathcal{O} 17'13			-2922 Jun 10 j 02:29	0° \mathcal{G}	
morning max el	-2925 Oct 30 j 12:49	27° \mathcal{O} 46'24	46°53'22		-2922 Jul 05 j 18:48	0° \mathcal{O}	
	-2925 Nov 01 j 16:37	0° \mathbb{N}		desc. node	-2922 Jul 21 j 23:21	18° \mathcal{O} 24'49	
	-2925 Nov 28 j 21:15	0° $\underline{\Omega}$			-2922 Aug 01 j 10:31	0° \mathbb{N}	
	-2925 Dec 24 j 11:13	0° \mathbb{M}		evening max el	-2922 Aug 23 j 13:38	23° \mathbb{N} 11'36	47°10'41
	-2924 Jan 18 j 12:35	0° \mathcal{A}			-2922 Aug 30 j 14:36	0° $\underline{\Omega}$	
desc. node	-2924 Feb 04 j 05:26	20° \mathcal{A} 07'42		greatest brilliancy	-2922 Oct 01 j 19:20	23° $\underline{\Omega}$ 22'17	-4.7m
	-2924 Feb 12 j 09:32	0° \mathcal{B}		retrograde	-2922 Oct 13 j 00:25	25° $\underline{\Omega}$ 42'50	
	-2924 Mar 08 j 04:23	0° \approx		evening set	-2922 Oct 27 j 18:29	21° $\underline{\Omega}$ 22'35	
	-2924 Apr 01 j 21:20	0° \mathcal{H}		inferior conj	-2922 Nov 02 j 12:31	17° $\underline{\Omega}$ 58'41	-2°-24'-33
	-2924 Apr 26 j 11:55	0° Υ		minimum elong	-2922 Nov 02 j 17:50	17° $\underline{\Omega}$ 50'33	2°22'56
morning set	-2924 May 02 j 04:24	6° Υ 57'09		min. Earth dist.	-2922 Nov 02 j 07:46	18° $\underline{\Omega}$ 05'58	0.26352 AU
	-2924 May 20 j 23:29	0° \mathcal{B}		morning rise	-2922 Nov 08 j 17:32	14° $\underline{\Omega}$ 21'44	
asc. node	-2924 May 27 j 04:27	7° \mathcal{B} 37'57		asc. node	-2922 Nov 11 j 22:44	12° $\underline{\Omega}$ 48'44	
max. Earth dist.	-2924 Jun 03 j 15:02	16° \mathcal{B} 48'00	1.73266 AU	direct	-2922 Nov 22 j 19:02	10° $\underline{\Omega}$ 24'25	
				greatest brilliancy	-2922 Dec 04 j 09:01	12° $\underline{\Omega}$ 56'44	-4.7m
					-2922 Dec 29 j 04:50	0° \mathbb{M}	
superior conj	-2924 Jun 07 j 03:06	21° \mathcal{B} 07'17	0°25'25				
minimum elong	-2924 Jun 06 j 22:15	20° \mathcal{B} 52'21	0°25'15	morning max el	-2921 Jan 11 j 22:18	12° \mathbb{M} 57'34	46°32'58
	-2924 Jun 14 j 07:33	0° \mathbb{I}			-2921 Jan 28 j 08:16	0° \mathcal{A}	
	-2924 Jul 08 j 12:18	0° \mathcal{G}			-2921 Feb 24 j 09:09	0° \mathcal{B}	
evening rise	-2924 Jul 12 j 22:28	5° \mathcal{G} 30'00		desc. node	-2921 Mar 03 j 17:18	8° \mathcal{B} 23'12	
	-2924 Aug 01 j 14:52	0° \mathcal{O}			-2921 Mar 22 j 09:07	0° \approx	
	-2924 Aug 25 j 17:03	0° \mathbb{N}			-2921 Apr 16 j 20:13	0° \mathcal{H}	
desc. node	-2924 Sep 15 j 21:34	26° \mathbb{N} 19'24			-2921 May 11 j 22:19	0° Υ	
	-2924 Sep 18 j 20:46	0° $\underline{\Omega}$			-2921 Jun 05 j 16:34	0° \mathcal{B}	
	-2924 Oct 13 j 03:50	0° \mathbb{M}		asc. node	-2921 Jun 24 j 16:23	23° \mathcal{B} 16'22	
	-2924 Nov 06 j 17:00	0° \mathcal{A}			-2921 Jun 30 j 03:19	0° \mathbb{I}	
	-2924 Dec 01 j 18:28	0° \mathcal{B}		morning set	-2921 Jul 09 j 11:19	11° \mathbb{I} 33'01	
	-2924 Dec 27 j 23:49	0° \approx			-2921 Jul 24 j 07:20	0° \mathcal{G}	
asc. node	-2923 Jan 06 j 20:09	10° \approx 37'18		max. Earth dist.	-2921 Aug 12 j 02:11	23° \mathcal{G} 30'18	1.71621 AU
evening max el	-2923 Jan 15 j 22:55	19° \approx 58'06	46°04'14				
	-2923 Jan 26 j 12:26	0° \mathcal{H}		superior conj	-2921 Aug 15 j 15:41	27° \mathcal{G} 58'27	1°23'41
greatest brilliancy	-2923 Feb 19 j 10:52	17° \mathcal{H} 23'21	-4.5m	minimum elong	-2921 Aug 15 j 13:40	27° \mathcal{G} 52'08	1°23'45
retrograde	-2923 Mar 06 j 10:19	21° \mathcal{H} 21'05			-2921 Aug 17 j 06:25	0° \mathcal{O}	
evening set	-2923 Mar 23 j 06:14	15° \mathcal{H} 51'53			-2921 Sep 10 j 03:06	0° \mathbb{N}	
inferior conj	-2923 Mar 27 j 20:23	13° \mathcal{H} 01'09	6°22'58	evening rise	-2921 Sep 23 j 20:22	17° \mathbb{N} 15'12	
minimum elong	-2923 Mar 28 j 05:20	12° \mathcal{H} 46'59	6°21'20		-2921 Oct 03 j 23:48	0° $\underline{\Omega}$	
min. Earth dist.	-2923 Mar 28 j 04:52	12° \mathcal{H} 47'43	0.29257 AU	desc. node	-2921 Oct 14 j 09:50	13° $\underline{\Omega}$ 04'27	
morning rise	-2923 Apr 02 j 04:30	9° \mathcal{H} 44'10			-2921 Oct 27 j 22:12	0° \mathbb{M}	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2921 Nov 20 j 23:28	0°♊			-2918 Jun 19 j 15:12	0°♋		
	-2921 Dec 15 j 05:19	0°♌			-2918 Jul 14 j 12:45	0°♍		
	-2920 Jan 08 j 19:21	0°♎		asc. node	-2918 Jul 22 j 04:15	9°♍20'46		
	-2920 Feb 03 j 00:30	0°♏			-2918 Aug 07 j 21:55	0°♐		
asc. node	-2920 Feb 04 j 08:03	1°♏32'06		greatest brilliancy	-2918 Aug 19 j 17:54	14°♐43'59	-3.9m	
	-2920 Feb 29 j 10:17	0°♑			-2918 Aug 31 j 22:22	0°♑		
evening max el	-2920 Mar 27 j 18:36	28°♑17'22	45°10'36	morning set	-2918 Sep 19 j 00:50	22°♑47'18		
	-2920 Mar 29 j 13:55	0°♒			-2918 Sep 24 j 18:00	0°♒		
greatest brilliancy	-2920 May 01 j 11:42	24°♒20'22	-4.5m		-2918 Oct 18 j 12:23	0°♓		
retrograde	-2920 May 14 j 23:41	27°♒30'27						
desc. node	-2920 May 26 j 02:03	25°♒07'45		superior conj	-2918 Oct 29 j 16:38	14°♓05'31	0°28'12	
evening set	-2920 May 29 j 22:14	23°♒17'19		minimum elong	-2918 Oct 29 j 23:54	14°♓28'27	0°27'50	
inferior conj	-2920 Jun 05 j 09:17	19°♒29'22	-2°-22'-52	max. Earth dist.	-2918 Nov 01 j 16:02	17°♓50'25	1.70974 AU	
minimum elong	-2920 Jun 05 j 04:09	19°♒37'19	2°21'22	desc. node	-2918 Nov 10 j 21:53	29°♓28'11		
min. Earth dist.	-2920 Jun 05 j 19:43	19°♒13'14	0.28623 AU		-2918 Nov 11 j 08:00	0°♔		
morning rise	-2920 Jun 11 j 09:23	15°♒54'15			-2918 Dec 05 j 06:05	0°♕		
direct	-2920 Jun 27 j 00:50	11°♒15'34		evening rise	-2918 Dec 11 j 02:35	7°♕19'04		
greatest brilliancy	-2920 Jul 11 j 14:30	14°♒56'45	-4.5m		-2918 Dec 29 j 07:19	0°♖		
	-2920 Aug 02 j 07:43	0°♗			-2917 Jan 22 j 12:44	0°♘		
morning max el	-2920 Aug 15 j 17:16	12°♗26'28	46°24'25		-2917 Feb 16 j 00:19	0°♙		
	-2920 Sep 01 j 13:36	0°♘		asc. node	-2917 Mar 03 j 20:17	19°♙10'04		
asc. node	-2920 Sep 16 j 01:48	16°♘14'08			-2917 Mar 12 j 21:07	0°♑		
	-2920 Sep 27 j 21:47	0°♒			-2917 Apr 07 j 07:39	0°♓		
	-2920 Oct 22 j 20:31	0°♒			-2917 May 03 j 16:10	0°♔		
	-2920 Nov 16 j 05:31	0°♓			-2917 May 31 j 21:06	0°♕		
	-2920 Dec 10 j 10:21	0°♔		evening max el	-2917 Jun 08 j 07:19	7°♕17'15	45°43'43	
	-2919 Jan 03 j 15:30	0°♕		desc. node	-2917 Jun 23 j 13:43	20°♕55'31		
desc. node	-2919 Jan 05 j 19:43	2°♕41'29			-2917 Jul 06 j 00:45	0°♖		
	-2919 Jan 27 j 22:19	0°♖		greatest brilliancy	-2917 Jul 16 j 14:46	5°♖20'50	-4.5m	
morning set	-2919 Feb 20 j 11:57	29°♖02'01		retrograde	-2917 Jul 27 j 11:32	7°♖27'52		
	-2919 Feb 21 j 06:48	0°♗		evening set	-2917 Aug 14 j 07:59	1°♖32'59		
	-2919 Mar 17 j 16:29	0°♘			-2917 Aug 16 j 22:16	30°♗		
				inferior conj	-2917 Aug 17 j 09:24	29°♗43'10	-8°-52'-39	
superior conj	-2919 Mar 29 j 22:37	15°♘03'04	-1°-2'-12	minimum elong	-2917 Aug 17 j 07:48	29°♗45'35	8°52'33	
minimum elong	-2919 Mar 30 j 07:29	15°♘30'14	1°01'57	min. Earth dist.	-2917 Aug 17 j 20:42	29°♗26'04	0.27416 AU	
max. Earth dist.	-2919 Mar 30 j 05:17	15°♘23'31	1.73632 AU	morning rise	-2917 Aug 20 j 07:29	27°♗57'58		
	-2919 Apr 11 j 02:55	0°♑		direct	-2917 Sep 07 j 07:35	21°♗51'57		
asc. node	-2919 Apr 28 j 18:28	21°♑39'31		greatest brilliancy	-2917 Sep 21 j 03:22	25°♗21'47	-4.7m	
evening rise	-2919 May 05 j 06:28	29°♑38'01			-2917 Sep 29 j 05:01	0°♒		
	-2919 May 05 j 13:38	0°♒		asc. node	-2917 Oct 14 j 13:14	12°♒13'05		
	-2919 May 30 j 00:21	0°♓		morning max el	-2917 Oct 28 j 03:31	25°♒23'19	46°53'14	
	-2919 Jun 23 j 11:25	0°♔			-2917 Nov 01 j 14:04	0°♒		
	-2919 Jul 18 j 00:04	0°♑			-2917 Nov 28 j 13:18	0°♓		
	-2919 Aug 11 j 16:32	0°♒			-2917 Dec 24 j 01:08	0°♔		
desc. node	-2919 Aug 18 j 11:33	8°♒12'08			-2916 Jan 18 j 01:22	0°♕		
	-2919 Sep 05 j 16:14	0°♓		desc. node	-2916 Feb 03 j 07:37	19°♕37'13		
	-2919 Oct 01 j 05:54	0°♔			-2916 Feb 11 j 21:37	0°♖		
	-2919 Oct 28 j 04:38	0°♕			-2916 Mar 07 j 15:58	0°♗		
evening max el	-2919 Nov 03 j 13:56	6°♕39'44	47°23'47		-2916 Apr 01 j 08:34	0°♘		
	-2919 Nov 29 j 08:30	0°♖			-2916 Apr 25 j 22:55	0°♙		
asc. node	-2919 Dec 09 j 10:28	6°♖26'25		morning set	-2916 Apr 29 j 23:11	4°♙54'15		
greatest brilliancy	-2919 Dec 10 j 21:57	7°♖11'07	-4.6m		-2916 May 20 j 10:23	0°♚		
retrograde	-2919 Dec 24 j 16:48	10°♖44'45		asc. node	-2916 May 26 j 06:29	7°♚10'41		
evening set	-2918 Jan 10 j 03:51	5°♖21'08		max. Earth dist.	-2916 Jun 01 j 12:54	14°♚53'51	1.73304 AU	
min. Earth dist.	-2918 Jan 13 j 18:01	3°♖07'47	0.27978 AU					
inferior conj	-2918 Jan 14 j 18:04	2°♖29'33	7°22'57	superior conj	-2916 Jun 04 j 21:43	19°♚03'01	0°22'27	
minimum elong	-2918 Jan 14 j 09:53	2°♖42'34	7°21'39	minimum elong	-2916 Jun 04 j 17:24	18°♚49'42	0°22'19	
morning rise	-2918 Jan 18 j 16:21	0°♖02'33			-2916 Jun 13 j 18:28	0°♛		
	-2918 Jan 18 j 18:04	30°♗			-2916 Jul 07 j 23:21	0°♘		
direct	-2918 Feb 04 j 14:06	24°♗27'45		evening rise	-2916 Jul 10 j 16:13	3°♘21'34		
greatest brilliancy	-2918 Feb 15 j 07:57	26°♗34'11	-4.5m		-2916 Aug 01 j 02:08	0°♑		
	-2918 Feb 22 j 14:38	0°♘			-2916 Aug 25 j 04:37	0°♒		
morning max el	-2918 Mar 25 j 12:00	24°♘37'53	45°56'00	desc. node	-2916 Sep 14 j 23:43	25°♒49'18		
desc. node	-2918 Mar 31 j 04:55	0°♙11'45			-2916 Sep 18 j 08:41	0°♓		
	-2918 Mar 31 j 00:11	0°♚			-2916 Oct 12 j 16:14	0°♔		
	-2918 Apr 28 j 12:00	0°♛			-2916 Nov 06 j 06:04	0°♕		
	-2918 May 25 j 01:26	0°♖			-2916 Dec 01 j 08:44	0°♖		

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2916 Dec 27 j 16:55	0° \approx			-2913 Jul 23 j 18:27	0° \ominus	
asc. node	-2915 Jan 05 j 22:15	9° \approx 52'46		max. Earth dist.	-2913 Aug 09 j 14:45	21° \ominus 04'16	1.71679 AU
evening max el	-2915 Jan 13 j 15:12	17° \approx 45'35	46°07'01				
	-2915 Jan 26 j 16:01	0° \times		superior conj	-2913 Aug 13 j 06:55	25° \ominus 40'41	1°23'14
greatest brilliancy	-2915 Feb 17 j 04:54	15° \times 16'18	-4.5m	minimum elong	-2913 Aug 13 j 04:07	25° \ominus 31'57	1°23'18
retrograde	-2915 Mar 04 j 03:31	19° \times 12'48			-2913 Aug 16 j 17:34	0° Ω	
evening set	-2915 Mar 21 j 01:41	13° \times 39'56			-2913 Sep 09 j 14:22	0° \mathfrak{M}	
inferior conj	-2915 Mar 25 j 13:19	10° \times 52'30	6°34'57	evening rise	-2913 Sep 21 j 07:21	14° \mathfrak{M} 43'13	
minimum elong	-2915 Mar 25 j 22:07	10° \times 38'30	6°33'24		-2913 Oct 03 j 11:14	0° $\underline{\Omega}$	
min. Earth dist.	-2915 Mar 25 j 20:43	10° \times 40'44	0.29254 AU	desc. node	-2913 Oct 13 j 11:49	12° $\underline{\Omega}$ 34'42	
morning rise	-2915 Mar 30 j 18:42	7° \times 39'16			-2913 Oct 27 j 09:48	0° \mathfrak{M}	
direct	-2915 Apr 16 j 06:20	2° \times 27'56			-2913 Nov 20 j 11:16	0° \mathfrak{X}	
desc. node	-2915 Apr 27 j 16:21	4° \times 47'58			-2913 Dec 14 j 17:24	0° $\overline{\Omega}$	
greatest brilliancy	-2915 Apr 29 j 08:15	5° \times 28'54	-4.5m		-2912 Jan 08 j 07:58	0° \approx	
	-2915 Jun 01 j 16:34	0° Υ			-2912 Feb 02 j 14:10	0° \times	
morning max el	-2915 Jun 04 j 04:07	2° Υ 20'54	45°50'42	asc. node	-2912 Feb 03 j 10:18	0° \times 58'37	
	-2915 Jun 30 j 23:16	0° \mathfrak{X}			-2912 Feb 29 j 02:25	0° Υ	
	-2915 Jul 27 j 11:14	0° Π		evening max el	-2912 Mar 25 j 09:02	26° Υ 03'13	45°11'08
asc. node	-2915 Aug 18 j 16:13	26° Π 23'11			-2912 Mar 29 j 13:54	0° \mathfrak{X}	
	-2915 Aug 21 j 15:53	0° \ominus		greatest brilliancy	-2912 Apr 29 j 00:18	22° \mathfrak{X} 06'26	-4.5m
	-2915 Sep 15 j 02:16	0° Ω		retrograde	-2912 May 12 j 15:12	25° \mathfrak{X} 20'18	
	-2915 Oct 09 j 02:37	0° \mathfrak{M}		desc. node	-2912 May 25 j 04:04	22° \mathfrak{X} 18'45	
	-2915 Nov 01 j 23:08	0° $\underline{\Omega}$		evening set	-2912 May 27 j 13:35	21° \mathfrak{X} 06'49	
	-2915 Nov 25 j 19:56	0° \mathfrak{M}		inferior conj	-2912 Jun 03 j 01:06	17° \mathfrak{X} 18'25	-2°-3'-16
morning set	-2915 Dec 04 j 18:19	11° \mathfrak{M} 12'03		minimum elong	-2912 Jun 02 j 20:38	17° \mathfrak{X} 25'20	2°01'57
desc. node	-2915 Dec 08 j 09:49	15° \mathfrak{M} 45'58		min. Earth dist.	-2912 Jun 03 j 12:05	17° \mathfrak{X} 01'26	0.28661 AU
	-2915 Dec 19 j 18:59	0° \mathfrak{X}		morning rise	-2912 Jun 09 j 02:57	13° \mathfrak{X} 40'48	
	-2914 Jan 12 j 20:47	0° $\overline{\Omega}$		direct	-2912 Jun 24 j 16:27	9° \mathfrak{X} 03'39	
				greatest brilliancy	-2912 Jul 09 j 07:52	12° \mathfrak{X} 46'18	-4.5m
superior conj	-2914 Jan 15 j 10:38	3° $\overline{\Omega}$ 12'10	-1°-13'-18		-2912 Aug 02 j 12:44	0° Π	
minimum elong	-2914 Jan 15 j 01:11	2° $\overline{\Omega}$ 42'49	1°13'12	morning max el	-2912 Aug 13 j 08:27	10° Π 10'01	46°23'05
max. Earth dist.	-2914 Jan 19 j 12:58	8° $\overline{\Omega}$ 17'32	1.72339 AU		-2912 Sep 01 j 07:17	0° \ominus	
	-2914 Feb 06 j 01:24	0° \approx		asc. node	-2912 Sep 15 j 03:51	15° \ominus 34'59	
evening rise	-2914 Feb 23 j 16:14	21° \approx 44'52			-2912 Sep 27 j 12:21	0° Ω	
	-2914 Mar 02 j 09:10	0° \times			-2912 Oct 22 j 09:44	0° \mathfrak{M}	
	-2914 Mar 26 j 20:42	0° Υ			-2912 Nov 15 j 18:00	0° $\underline{\Omega}$	
asc. node	-2914 Mar 31 j 08:24	5° Υ 28'36			-2912 Dec 09 j 22:23	0° \mathfrak{M}	
	-2914 Apr 20 j 12:44	0° \mathfrak{X}			-2911 Jan 03 j 03:11	0° \mathfrak{X}	
	-2914 May 15 j 10:18	0° Π		desc. node	-2911 Jan 04 j 21:52	2° \mathfrak{X} 12'05	
	-2914 Jun 09 j 15:33	0° \ominus			-2911 Jan 27 j 09:45	0° $\overline{\Omega}$	
desc. node	-2914 Jul 05 j 09:31	0° Ω		morning set	-2911 Feb 18 j 02:42	26° $\overline{\Omega}$ 45'07	
	-2914 Jul 21 j 01:34	17° Ω 44'58			-2911 Feb 20 j 18:01	0° \approx	
	-2914 Aug 01 j 04:37	0° \mathfrak{M}			-2911 Mar 17 j 03:33	0° \times	
evening max el	-2914 Aug 21 j 02:39	20° \mathfrak{M} 45'23	47°08'10				
	-2914 Aug 30 j 18:55	0° $\underline{\Omega}$		superior conj	-2911 Mar 27 j 16:19	12° \times 56'17	-1°-4'-17
greatest brilliancy	-2914 Sep 29 j 10:39	20° $\underline{\Omega}$ 54'38	-4.7m	minimum elong	-2911 Mar 28 j 01:08	13° \times 23'21	1°04'03
retrograde	-2914 Oct 10 j 12:06	23° $\underline{\Omega}$ 11'20		max. Earth dist.	-2911 Mar 28 j 00:37	13° \times 21'47	1.73610 AU
evening set	-2914 Oct 25 j 08:46	18° $\underline{\Omega}$ 49'01			-2911 Apr 10 j 13:54	0° Υ	
inferior conj	-2914 Oct 31 j 00:38	15° $\underline{\Omega}$ 28'11	-2°-48'-15	asc. node	-2911 Apr 27 j 20:30	21° Υ 12'03	
minimum elong	-2914 Oct 31 j 06:45	15° $\underline{\Omega}$ 18'49	2°46'23	evening rise	-2911 May 03 j 01:41	27° Υ 35'59	
min. Earth dist.	-2914 Oct 30 j 21:34	15° $\underline{\Omega}$ 32'52	0.26346 AU		-2911 May 05 j 00:39	0° \mathfrak{X}	
morning rise	-2914 Nov 06 j 04:58	11° $\underline{\Omega}$ 51'52			-2911 May 29 j 11:34	0° Π	
asc. node	-2914 Nov 11 j 00:49	9° $\underline{\Omega}$ 39'36			-2911 Jun 22 j 22:59	0° \ominus	
direct	-2914 Nov 20 j 06:52	7° $\underline{\Omega}$ 54'07			-2911 Jul 17 j 12:10	0° Ω	
greatest brilliancy	-2914 Dec 01 j 23:13	10° $\underline{\Omega}$ 28'19	-4.7m		-2911 Aug 11 j 05:24	0° \mathfrak{M}	
	-2914 Dec 29 j 11:30	0° \mathfrak{M}		desc. node	-2911 Aug 17 j 13:38	7° \mathfrak{M} 38'55	
morning max el	-2913 Jan 09 j 10:24	10° \mathfrak{M} 29'19	46°34'22		-2911 Sep 05 j 06:14	0° $\underline{\Omega}$	
	-2913 Jan 28 j 02:47	0° \mathfrak{X}			-2911 Sep 30 j 21:54	0° \mathfrak{M}	
	-2913 Feb 24 j 00:00	0° $\overline{\Omega}$			-2911 Oct 28 j 01:20	0° \mathfrak{X}	
desc. node	-2913 Mar 02 j 19:29	7° $\overline{\Omega}$ 48'25		evening max el	-2911 Nov 01 j 04:41	4° \mathfrak{X} 17'25	47°25'24
	-2913 Mar 21 j 22:14	0° \approx			-2911 Nov 30 j 07:08	0° $\overline{\Omega}$	
	-2913 Apr 16 j 08:22	0° \times		greatest brilliancy	-2911 Dec 08 j 14:05	4° $\overline{\Omega}$ 51'22	-4.7m
	-2913 May 11 j 09:56	0° Υ		asc. node	-2911 Dec 08 j 12:35	4° $\overline{\Omega}$ 49'34	
	-2913 Jun 05 j 03:52	0° \mathfrak{X}		retrograde	-2911 Dec 22 j 08:33	8° $\overline{\Omega}$ 24'50	
asc. node	-2913 Jun 23 j 18:29	22° \mathfrak{X} 48'30		evening set	-2910 Jan 07 j 15:49	3° $\overline{\Omega}$ 05'55	
	-2913 Jun 29 j 14:28	0° Π		min. Earth dist.	-2910 Jan 11 j 08:17	0° $\overline{\Omega}$ 49'31	0.27905 AU
morning set	-2913 Jul 07 j 04:23	9° Π 22'39		inferior conj	-2910 Jan 12 j 09:04	0° $\overline{\Omega}$ 10'14	7°12'34

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Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2910 Jan 12 j 00:30	0°☾23'50	7°11'07	minimum elong	-2908 Jun 02 j 12:43	16°☾47'50	0°19'21
	-2910 Jan 12 j 15:32	30°☾17'			-2908 Jun 13 j 05:19	0°☾	
morning rise	-2910 Jan 16 j 09:40	27°☾40'12			-2908 Jul 07 j 10:19	0°☾	
direct	-2910 Feb 02 j 04:09	22°☾09'27		evening rise	-2908 Jul 08 j 10:15	1°☾14'20	
greatest brilliancy	-2910 Feb 12 j 21:46	24°☾16'07	-4.5m		-2908 Jul 31 j 13:17	0°☾	
	-2910 Feb 24 j 00:18	0°☾			-2908 Aug 24 j 16:03	0°☾	
morning max el	-2910 Mar 23 j 03:34	22°☾24'51	45°57'00	desc. node	-2908 Sep 14 j 01:44	25°☾19'04	
desc. node	-2910 Mar 30 j 06:55	29°☾24'46			-2908 Sep 17 j 20:30	0°☾	
	-2910 Mar 30 j 20:58	0°☾			-2908 Oct 12 j 04:34	0°☾	
	-2910 Apr 28 j 03:24	0°☾			-2908 Nov 05 j 19:09	0°☾	
	-2910 May 24 j 14:41	0°☾			-2908 Nov 30 j 23:07	0°☾	
	-2910 Jun 19 j 03:24	0°☾			-2908 Dec 27 j 10:21	0°☾	
	-2910 Jul 14 j 00:22	0°☾		asc. node	-2907 Jan 05 j 00:28	9°☾07'59	
asc. node	-2910 Jul 21 j 06:29	8°☾52'19		evening max el	-2907 Jan 11 j 06:52	15°☾31'21	46°09'57
	-2910 Aug 07 j 09:17	0°☾			-2907 Jan 26 j 21:24	0°☾	
greatest brilliancy	-2910 Aug 21 j 09:17	17°☾26'44	-3.9m	greatest brilliancy	-2907 Feb 14 j 23:17	13°☾09'41	-4.5m
	-2910 Aug 31 j 09:38	0°☾		retrograde	-2907 Mar 01 j 20:19	17°☾04'36	
morning set	-2910 Sep 16 j 13:23	20°☾20'04		evening set	-2907 Mar 18 j 21:05	11°☾28'15	
	-2910 Sep 24 j 05:16	0°☾		inferior conj	-2907 Mar 23 j 06:15	8°☾44'07	6°46'19
	-2910 Oct 17 j 23:40	0°☾		minimum elong	-2907 Mar 23 j 14:51	8°☾30'25	6°44'53
				min. Earth dist.	-2907 Mar 23 j 12:47	8°☾33'42	0.29245 AU
superior conj	-2910 Oct 27 j 01:43	11°☾27'24	0°31'58	morning rise	-2907 Mar 28 j 08:46	5°☾34'39	
minimum elong	-2910 Oct 27 j 09:48	11°☾52'50	0°31'34	direct	-2907 Apr 13 j 23:00	0°☾19'57	
max. Earth dist.	-2910 Oct 29 j 22:53	15°☾05'15	1.70956 AU	desc. node	-2907 Apr 26 j 18:28	3°☾13'47	
desc. node	-2910 Nov 09 j 23:55	28°☾59'11		greatest brilliancy	-2907 Apr 26 j 21:28	3°☾17'00	-4.5m
	-2910 Nov 10 j 19:17	0°☾			-2907 Jun 01 j 15:24	0°☾	
	-2910 Dec 04 j 17:22	0°☾		morning max el	-2907 Jun 01 j 19:38	0°☾10'06	45°50'05
evening rise	-2910 Dec 08 j 12:11	4°☾43'54			-2907 Jun 30 j 15:04	0°☾	
	-2910 Dec 28 j 18:38	0°☾			-2907 Jul 27 j 00:40	0°☾	
	-2909 Jan 22 j 00:09	0°☾		asc. node	-2907 Aug 17 j 18:13	25°☾51'42	
	-2909 Feb 15 j 11:59	0°☾			-2907 Aug 21 j 04:12	0°☾	
asc. node	-2909 Mar 02 j 22:20	18°☾40'11			-2907 Sep 14 j 14:00	0°☾	
	-2909 Mar 12 j 09:19	0°☾			-2907 Oct 08 j 14:03	0°☾	
	-2909 Apr 06 j 20:55	0°☾			-2907 Nov 01 j 10:24	0°☾	
	-2909 May 03 j 07:38	0°☾			-2907 Nov 25 j 07:06	0°☾	
	-2909 May 31 j 18:16	0°☾		morning set	-2907 Dec 02 j 04:07	8°☾37'30	
evening max el	-2909 Jun 05 j 22:13	5°☾01'47	45°41'19	desc. node	-2907 Dec 07 j 12:00	15°☾18'03	
desc. node	-2909 Jun 22 j 15:56	19°☾49'52			-2907 Dec 19 j 06:04	0°☾	
	-2909 Jul 07 j 14:39	0°☾			-2906 Jan 12 j 07:46	0°☾	
greatest brilliancy	-2909 Jul 14 j 01:08	2°☾57'00	-4.5m				
retrograde	-2909 Jul 25 j 00:39	5°☾05'49		superior conj	-2906 Jan 12 j 22:33	0°☾45'56	-1°-11'-25
	-2909 Aug 10 j 10:58	30°☾17'		minimum elong	-2906 Jan 12 j 12:36	0°☾15'02	1°11'16
evening set	-2909 Aug 11 j 18:54	29°☾14'01		max. Earth dist.	-2906 Jan 17 j 04:23	6°☾02'18	1.72280 AU
inferior conj	-2909 Aug 14 j 22:35	27°☾20'37	-8°-49'-55		-2906 Feb 05 j 12:18	0°☾	
minimum elong	-2909 Aug 14 j 20:06	27°☾24'23	8°49'47	evening rise	-2906 Feb 21 j 07:08	19°☾29'17	
min. Earth dist.	-2909 Aug 15 j 09:09	27°☾04'35	0.27467 AU		-2906 Mar 01 j 20:04	0°☾	
morning rise	-2909 Aug 17 j 21:10	25°☾34'33			-2906 Mar 26 j 07:44	0°☾	
direct	-2909 Sep 04 j 22:05	19°☾28'49		asc. node	-2906 Mar 30 j 10:27	5°☾01'04	
greatest brilliancy	-2909 Sep 18 j 17:14	22°☾57'55	-4.6m		-2906 Apr 20 j 00:05	0°☾	
	-2909 Sep 30 j 05:21	0°☾			-2906 May 14 j 22:14	0°☾	
asc. node	-2909 Oct 13 j 15:20	11°☾10'29			-2906 Jun 09 j 04:29	0°☾	
morning max el	-2909 Oct 25 j 17:39	22°☾58'41	46°52'48		-2906 Jul 05 j 00:11	0°☾	
	-2909 Nov 01 j 10:51	0°☾		desc. node	-2906 Jul 20 j 03:42	17°☾05'18	
	-2909 Nov 28 j 05:13	0°☾			-2906 Jul 31 j 22:51	0°☾	
	-2909 Dec 23 j 15:01	0°☾		evening max el	-2906 Aug 18 j 14:59	18°☾18'34	47°05'43
	-2908 Jan 17 j 14:07	0°☾			-2906 Aug 31 j 00:38	0°☾	
desc. node	-2908 Feb 02 j 09:47	19°☾06'44		greatest brilliancy	-2906 Sep 27 j 02:04	18°☾28'28	-4.7m
	-2908 Feb 11 j 09:38	0°☾		retrograde	-2906 Oct 07 j 23:44	20°☾41'42	
	-2908 Mar 07 j 03:29	0°☾		evening set	-2906 Oct 22 j 23:17	16°☾16'44	
	-2908 Mar 31 j 19:43	0°☾		inferior conj	-2906 Oct 28 j 12:53	12°☾59'29	-3°-11'-21
	-2908 Apr 25 j 09:51	0°☾		minimum elong	-2906 Oct 28 j 19:46	12°☾48'58	3°09'17
morning set	-2908 Apr 27 j 17:56	2°☾51'26		min. Earth dist.	-2906 Oct 28 j 11:38	13°☾01'24	0.26343 AU
	-2908 May 19 j 21:13	0°☾		morning rise	-2906 Nov 03 j 16:19	9°☾24'10	
asc. node	-2908 May 25 j 08:38	6°☾44'01		asc. node	-2906 Nov 10 j 02:56	6°☾37'48	
max. Earth dist.	-2908 May 30 j 09:01	12°☾54'35	1.73340 AU	direct	-2906 Nov 17 j 18:31	5°☾25'18	
				greatest brilliancy	-2906 Nov 29 j 14:11	8°☾02'23	-4.7m
superior conj	-2908 Jun 02 j 16:29	16°☾59'28	0°19'28		-2906 Dec 29 j 15:37	0°☾	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2905 Jan 06 j 22:54	8° \mathbb{M} 02'58	46°35'40		-2903 Sep 04 j 20:02	0° $\underline{\mathfrak{A}}$	
	-2905 Jan 27 j 20:28	0° \mathfrak{A}			-2903 Sep 30 j 13:49	0° \mathbb{M}	
	-2905 Feb 23 j 14:22	0° \mathfrak{C}			-2903 Oct 27 j 22:21	0° \mathfrak{A}	
desc. node	-2905 Mar 01 j 21:27	7° \mathfrak{C} 14'05		evening max el	-2903 Oct 29 j 20:40	1° \mathfrak{A} 59'10	47°26'56
	-2905 Mar 21 j 10:59	0° \approx			-2903 Dec 01 j 13:42	0° \mathfrak{C}	
	-2905 Apr 15 j 20:12	0° \mathfrak{H}		greatest brilliancy	-2903 Dec 06 j 06:35	2° \mathfrak{C} 33'09	-4.7m
	-2905 May 10 j 21:12	0° \mathfrak{Y}		asc. node	-2903 Dec 07 j 14:48	3° \mathfrak{C} 10'25	
	-2905 Jun 04 j 14:50	0° \mathfrak{B}		retrograde	-2903 Dec 20 j 00:45	6° \mathfrak{C} 05'54	
asc. node	-2905 Jun 22 j 20:39	22° \mathfrak{B} 21'51		evening set	-2902 Jan 05 j 03:53	0° \mathfrak{C} 51'50	
	-2905 Jun 29 j 01:16	0° \mathbb{I}			-2902 Jan 06 j 14:22	30° \mathfrak{R} \mathfrak{A}	
morning set	-2905 Jul 04 j 21:28	7° \mathbb{I} 13'27		min. Earth dist.	-2902 Jan 08 j 22:26	28° \mathfrak{A} 32'36	0.27826 AU
	-2905 Jul 23 j 05:14	0° \mathfrak{D}		inferior conj	-2902 Jan 10 j 00:06	27° \mathfrak{A} 52'00	7°01'33
max. Earth dist.	-2905 Aug 07 j 04:54	18° \mathfrak{D} 44'15	1.71739 AU	minimum elong	-2902 Jan 09 j 15:12	28° \mathfrak{A} 06'05	6°59'57
				morning rise	-2902 Jan 14 j 03:06	25° \mathfrak{A} 18'51	
superior conj	-2905 Aug 10 j 22:17	23° \mathfrak{D} 24'23	1°22'39	direct	-2902 Jan 30 j 18:41	19° \mathfrak{A} 52'32	
minimum elong	-2905 Aug 10 j 18:46	23° \mathfrak{D} 13'21	1°22'43	greatest brilliancy	-2902 Feb 10 j 10:33	21° \mathfrak{A} 58'15	-4.5m
	-2905 Aug 16 j 04:26	0° \mathcal{O}			-2902 Feb 24 j 23:38	0° \mathfrak{C}	
	-2905 Sep 09 j 01:21	0° \mathfrak{M}		morning max el	-2902 Mar 20 j 19:27	20° \mathfrak{C} 13'54	45°57'56
evening rise	-2905 Sep 18 j 18:45	12° \mathfrak{M} 13'35		desc. node	-2902 Mar 29 j 09:05	28° \mathfrak{C} 40'13	
	-2905 Oct 02 j 22:20	0° $\underline{\mathfrak{A}}$			-2902 Mar 30 j 16:36	0° \approx	
desc. node	-2905 Oct 12 j 13:56	12° $\underline{\mathfrak{A}}$ 06'22			-2902 Apr 27 j 18:10	0° \mathfrak{H}	
	-2905 Oct 26 j 21:02	0° \mathbb{M}			-2902 May 24 j 03:31	0° \mathfrak{Y}	
	-2905 Nov 19 j 22:40	0° \mathfrak{A}			-2902 Jun 18 j 15:15	0° \mathfrak{B}	
	-2905 Dec 14 j 05:06	0° \mathfrak{C}			-2902 Jul 13 j 11:43	0° \mathbb{I}	
	-2904 Jan 07 j 20:13	0° \approx		asc. node	-2902 Jul 20 j 08:31	8° \mathbb{I} 24'02	
	-2904 Feb 02 j 03:33	0° \mathfrak{H}			-2902 Aug 06 j 20:23	0° \mathfrak{D}	
asc. node	-2904 Feb 02 j 12:16	0° \mathfrak{H} 25'20		greatest brilliancy	-2902 Aug 22 j 16:01	19° \mathfrak{D} 43'31	-3.9m
	-2904 Feb 28 j 18:26	0° \mathfrak{Y}			-2902 Aug 30 j 20:38	0° \mathcal{O}	
evening max el	-2904 Mar 23 j 00:19	23° \mathfrak{Y} 52'12	45°11'49	morning set	-2902 Sep 14 j 02:05	17° \mathcal{O} 54'16	
	-2904 Mar 29 j 14:39	0° \mathfrak{B}			-2902 Sep 23 j 16:15	0° \mathfrak{M}	
greatest brilliancy	-2904 Apr 26 j 12:37	19° \mathfrak{B} 53'23	-4.5m		-2902 Oct 17 j 10:40	0° $\underline{\mathfrak{A}}$	
retrograde	-2904 May 10 j 07:16	23° \mathfrak{B} 11'29					
desc. node	-2904 May 24 j 06:15	19° \mathfrak{B} 27'21		superior conj	-2902 Oct 24 j 10:59	8° $\underline{\mathfrak{A}}$ 50'34	0°35'37
evening set	-2904 May 25 j 05:14	18° \mathfrak{B} 57'25		minimum elong	-2902 Oct 24 j 19:47	9° $\underline{\mathfrak{A}}$ 18'16	0°35'14
inferior conj	-2904 May 31 j 16:59	15° \mathfrak{B} 08'41	-1°-43'-41	max. Earth dist.	-2902 Oct 27 j 06:12	12° $\underline{\mathfrak{A}}$ 22'20	1.70941 AU
minimum elong	-2904 May 31 j 13:12	15° \mathfrak{B} 14'32	1°42'32	desc. node	-2902 Nov 09 j 02:06	28° $\underline{\mathfrak{A}}$ 31'17	
min. Earth dist.	-2904 Jun 01 j 04:14	14° \mathfrak{B} 51'21	0.28698 AU		-2902 Nov 10 j 06:20	0° \mathbb{M}	
morning rise	-2904 Jun 06 j 20:29	11° \mathfrak{B} 28'57			-2902 Dec 04 j 04:28	0° \mathfrak{A}	
direct	-2904 Jun 22 j 08:38	6° \mathfrak{B} 53'05		evening rise	-2902 Dec 05 j 21:44	2° \mathfrak{A} 09'03	
greatest brilliancy	-2904 Jul 07 j 01:11	10° \mathfrak{B} 37'16	-4.5m		-2902 Dec 28 j 05:46	0° \mathfrak{C}	
	-2904 Aug 02 j 15:30	0° \mathbb{I}			-2901 Jan 21 j 11:21	0° \approx	
morning max el	-2904 Aug 11 j 00:35	7° \mathbb{I} 57'17	46°21'40		-2901 Feb 14 j 23:24	0° \mathfrak{H}	
	-2904 Sep 01 j 00:11	0° \mathfrak{D}		asc. node	-2901 Mar 02 j 00:26	18° \mathfrak{H} 11'16	
asc. node	-2904 Sep 14 j 05:55	14° \mathfrak{D} 57'17			-2901 Mar 11 j 21:17	0° \mathfrak{Y}	
	-2904 Sep 27 j 02:25	0° \mathcal{O}			-2901 Apr 06 j 10:00	0° \mathfrak{B}	
	-2904 Oct 21 j 22:32	0° \mathfrak{M}			-2901 May 02 j 23:05	0° \mathbb{I}	
	-2904 Nov 15 j 06:06	0° $\underline{\mathfrak{A}}$			-2901 May 31 j 15:59	0° \mathfrak{D}	
	-2904 Dec 09 j 10:00	0° \mathbb{M}		evening max el	-2901 Jun 03 j 13:01	2° \mathfrak{D} 46'41	45°38'47
	-2903 Jan 02 j 14:26	0° \mathfrak{A}		desc. node	-2901 Jun 21 j 18:03	18° \mathfrak{D} 42'52	
desc. node	-2903 Jan 03 j 23:59	1° \mathfrak{A} 43'53			-2901 Jul 10 j 00:58	0° \mathcal{O}	
	-2903 Jan 26 j 20:44	0° \mathfrak{C}		greatest brilliancy	-2901 Jul 11 j 12:44	0° \mathcal{O} 35'16	-4.5m
morning set	-2903 Feb 15 j 17:32	24° \mathfrak{C} 29'40		retrograde	-2901 Jul 22 j 13:20	2° \mathcal{O} 44'41	
	-2903 Feb 20 j 04:48	0° \approx			-2901 Aug 03 j 10:21	30° \mathfrak{R} \mathfrak{D}	
	-2903 Mar 16 j 14:13	0° \mathfrak{H}		evening set	-2901 Aug 09 j 05:35	26° \mathfrak{D} 56'49	
				inferior conj	-2901 Aug 12 j 11:57	24° \mathfrak{D} 59'14	-8°-46'-15
superior conj	-2903 Mar 25 j 09:59	10° \mathfrak{H} 50'29	-1°-6'-17	minimum elong	-2901 Aug 12 j 08:34	25° \mathfrak{D} 04'23	8°46'03
minimum elong	-2903 Mar 25 j 18:44	11° \mathfrak{H} 17'21	1°06'04	min. Earth dist.	-2901 Aug 12 j 22:09	24° \mathfrak{D} 43'44	0.27516 AU
max. Earth dist.	-2903 Mar 25 j 21:03	11° \mathfrak{H} 24'28	1.73592 AU	morning rise	-2901 Aug 15 j 11:25	23° \mathfrak{D} 11'36	
	-2903 Apr 10 j 00:32	0° \mathfrak{Y}		direct	-2901 Sep 02 j 12:22	17° \mathfrak{D} 06'48	
asc. node	-2903 Apr 26 j 22:41	20° \mathfrak{Y} 46'02		greatest brilliancy	-2901 Sep 16 j 07:11	20° \mathfrak{D} 34'55	-4.6m
evening rise	-2903 Apr 30 j 20:51	25° \mathfrak{Y} 34'48			-2901 Sep 30 j 23:03	0° \mathcal{O}	
	-2903 May 04 j 11:21	0° \mathfrak{B}		asc. node	-2901 Oct 12 j 17:33	10° \mathcal{O} 10'13	
	-2903 May 28 j 22:28	0° \mathbb{I}		morning max el	-2901 Oct 23 j 06:50	20° \mathcal{O} 32'08	46°52'19
	-2903 Jun 22 j 10:15	0° \mathfrak{D}			-2901 Nov 01 j 06:48	0° \mathfrak{M}	
	-2903 Jul 16 j 23:59	0° \mathcal{O}			-2901 Nov 27 j 20:45	0° $\underline{\mathfrak{A}}$	
	-2903 Aug 10 j 18:01	0° \mathfrak{M}			-2901 Dec 23 j 04:40	0° \mathbb{M}	
desc. node	-2903 Aug 16 j 15:37	7° \mathfrak{M} 06'14			-2900 Jan 17 j 02:42	0° \mathfrak{A}	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-2900 Feb 01 j 11:44	18°♄36'04	
	-2900 Feb 10 j 21:31	0°♄	
	-2900 Mar 06 j 14:51	0°♄	
	-2900 Mar 31 j 06:43	0°♄	
	-2900 Apr 24 j 20:38	0°♄	
morning set	-2900 Apr 25 j 13:00	0°♄50'03	
	-2900 May 19 j 07:56	0°♄	
asc. node	-2900 May 24 j 10:48	6°♄17'46	
max. Earth dist.	-2900 May 28 j 04:49	10°♄54'46	1.73379 AU
superior conj	-2900 May 31 j 11:35	14°♄57'24	0°16'30
minimum elong	-2900 May 31 j 08:23	14°♄47'30	0°16'24
	-2900 Jun 12 j 16:05	0°♄	
evening rise	-2900 Jul 06 j 04:32	29°♄08'14	
	-2900 Jul 06 j 21:13	0°♄	
	-2900 Jul 31 j 00:25	0°♄	
	-2900 Aug 24 j 03:29	0°♄	
desc. node	-2900 Sep 13 j 03:52	24°♄49'14	
	-2900 Sep 17 j 08:21	0°♄	
	-2900 Oct 11 j 16:56	0°♄	
	-2900 Nov 05 j 08:17	0°♄	
	-2900 Nov 30 j 13:40	0°♄	
	-2900 Dec 27 j 04:11	0°♄	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2900 May 31 j 11:35	14°♄57'24	0°16'30	morning rise	-2898 Nov 01 j 03:16	6°♁55'30	
minimum elong	-2900 May 31 j 08:23	14°♄47'30	0°16'24	asc. node	-2898 Nov 09 j 05:07	3°♁40'10	
	-2900 Jun 12 j 16:05	0°♂		direct	-2898 Nov 15 j 06:11	2°♁54'38	
evening rise	-2900 Jul 06 j 04:32	29°♂08'14		greatest brilliancy	-2898 Nov 27 j 05:26	5°♁35'25	-4.7m
	-2900 Jul 06 j 21:13	0°♄			-2898 Dec 29 j 18:32	0°♂	
	-2900 Jul 31 j 00:25	0°♂		morning max el	-2897 Jan 04 j 12:10	5°♂37'23	46°37'01
	-2900 Aug 24 j 03:29	0°♄			-2897 Jan 27 j 14:06	0°♄	
desc. node	-2900 Sep 13 j 03:52	24°♄49'14			-2897 Feb 23 j 04:52	0°♄	
	-2900 Sep 17 j 08:21	0°♁		desc. node	-2897 Feb 28 j 23:39	6°♄39'52	
	-2900 Oct 11 j 16:56	0°♂			-2897 Mar 20 j 23:56	0°♄	
	-2900 Nov 05 j 08:17	0°♄			-2897 Apr 15 j 08:17	0°♄	
	-2900 Nov 30 j 13:40	0°♄			-2897 May 10 j 08:45	0°♄	
	-2900 Dec 27 j 04:11	0°♄			-2897 Jun 04 j 02:02	0°♄	
asc. node	-2899 Jan 04 j 02:30	8°♄21'56		asc. node	-2897 Jun 21 j 22:43	21°♄54'09	
evening max el	-2899 Jan 08 j 21:46	13°♄14'53	46°12'51		-2897 Jun 28 j 12:19	0°♂	
	-2899 Jan 27 j 05:05	0°♄		morning set	-2897 Jul 02 j 15:04	5°♂05'13	
greatest brilliancy	-2899 Feb 12 j 17:18	11°♄02'19	-4.5m		-2897 Jul 22 j 16:14	0°♄	
retrograde	-2899 Feb 27 j 12:56	14°♄56'30		max. Earth dist.	-2897 Aug 04 j 21:00	16°♄29'42	1.71797 AU
evening set	-2899 Mar 16 j 16:29	9°♄16'37					
inferior conj	-2899 Mar 20 j 23:15	6°♄35'55	6°57'10	superior conj	-2897 Aug 08 j 14:08	21°♄08'55	1°21'56
minimum elong	-2899 Mar 21 j 07:36	6°♄22'37	6°55'51	minimum elong	-2897 Aug 08 j 09:57	20°♄55'48	1°21'59
min. Earth dist.	-2899 Mar 21 j 05:13	6°♄26'24	0.29233 AU		-2897 Aug 15 j 15:31	0°♂	
morning rise	-2899 Mar 25 j 22:50	3°♄30'20			-2897 Sep 08 j 12:35	0°♄	
	-2899 Apr 02 j 02:09	30°♄		evening rise	-2897 Sep 16 j 06:31	9°♄44'19	
direct	-2899 Apr 11 j 15:11	28°♄12'03			-2897 Oct 02 j 09:45	0°♁	
	-2899 Apr 21 j 15:02	0°♄		desc. node	-2897 Oct 11 j 16:06	11°♁37'08	
greatest brilliancy	-2899 Apr 24 j 11:19	1°♄05'57	-4.5m		-2897 Oct 26 j 08:39	0°♂	
desc. node	-2899 Apr 25 j 20:36	1°♄42'57			-2897 Nov 19 j 10:30	0°♄	
morning max el	-2899 May 30 j 10:50	27°♄58'43	45°49'38		-2897 Dec 13 j 17:15	0°♄	
	-2899 Jun 01 j 13:16	0°♄			-2896 Jan 07 j 08:58	0°♄	
	-2899 Jun 30 j 06:36	0°♄		asc. node	-2896 Feb 01 j 14:25	29°♄51'04	
	-2899 Jul 26 j 14:00	0°♂			-2896 Feb 01 j 17:30	0°♄	
asc. node	-2899 Aug 16 j 20:20	25°♂20'31			-2896 Feb 28 j 11:13	0°♄	
	-2899 Aug 20 j 16:32	0°♄		evening max el	-2896 Mar 20 j 16:19	21°♄41'40	45°12'36
	-2899 Sep 14 j 01:50	0°♂			-2896 Mar 29 j 17:19	0°♄	
	-2899 Oct 08 j 01:37	0°♄		greatest brilliancy	-2896 Apr 24 j 01:45	17°♄40'12	-4.5m
	-2899 Oct 31 j 21:50	0°♁		retrograde	-2896 May 07 j 23:35	21°♄01'21	
	-2899 Nov 24 j 18:25	0°♂		evening set	-2896 May 22 j 21:05	16°♄46'49	
morning set	-2899 Nov 29 j 13:37	6°♂01'27		desc. node	-2896 May 23 j 08:22	16°♄31'35	
desc. node	-2899 Dec 06 j 14:04	14°♂49'19		inferior conj	-2896 May 29 j 08:50	12°♄57'44	-1°-23'-55
	-2899 Dec 18 j 17:16	0°♄		minimum elong	-2896 May 29 j 05:45	13°♄02'29	1°22'58
				min. Earth dist.	-2896 May 29 j 20:05	12°♄40'21	0.28730 AU
superior conj	-2898 Jan 10 j 10:10	28°♄18'19	-1°-9'-23	morning rise	-2896 Jun 04 j 13:50	9°♄16'05	
minimum elong	-2898 Jan 09 j 23:47	27°♄46'01	1°09'11	direct	-2896 Jun 20 j 01:11	4°♄41'31	
	-2898 Jan 11 j 18:53	0°♄		greatest brilliancy	-2896 Jul 04 j 17:28	8°♄26'01	-4.5m
max. Earth dist.	-2898 Jan 14 j 17:32	3°♄39'34	1.72220 AU		-2896 Aug 02 j 17:13	0°♂	
	-2898 Feb 04 j 23:22	0°♄		morning max el	-2896 Aug 08 j 17:05	5°♂44'55	46°20'22
evening rise	-2898 Feb 18 j 21:51	17°♄12'35			-2896 Aug 31 j 17:04	0°♄	
	-2898 Mar 01 j 07:09	0°♄		asc. node	-2896 Sep 13 j 08:12	14°♄19'48	
	-2898 Mar 25 j 18:57	0°♄			-2896 Sep 26 j 16:38	0°♂	
asc. node	-2898 Mar 29 j 12:40	4°♄33'34			-2896 Oct 21 j 11:34	0°♄	
	-2898 Apr 19 j 11:37	0°♄			-2896 Nov 14 j 18:30	0°♁	
	-2898 May 14 j 10:20	0°♂			-2896 Dec 08 j 21:59	0°♂	
	-2898 Jun 08 j 17:35	0°♄			-2895 Jan 02 j 02:07	0°♄	
	-2898 Jul 04 j 15:07	0°♂		desc. node	-2895 Jan 03 j 02:00	1°♄13'58	
desc. node	-2898 Jul 19 j 05:41	16°♂24'23			-2895 Jan 26 j 08:10	0°♄	
	-2898 Jul 31 j 17:44	0°♄		morning set	-2895 Feb 13 j 07:45	22°♄10'54	
evening max el	-2898 Aug 16 j 02:56	15°♄50'20	47°03'01		-2895 Feb 19 j 16:03	0°♄	
	-2898 Aug 31 j 09:01	0°♁			-2895 Mar 16 j 01:19	0°♄	
greatest brilliancy	-2898 Sep 24 j 16:33	16°♁00'00	-4.7m				
retrograde	-2898 Oct 05 j 11:21	18°♁10'50		superior conj	-2895 Mar 23 j 03:11	8°♄41'55	-1°-8'-13
evening set	-2898 Oct 20 j 13:45	13°♁42'32		minimum elong	-2895 Mar 23 j 11:48	9°♄08'22	1°08'01
inferior conj	-2898 Oct 26 j 00:57	10°♁29'12	-3°-34'-15	max. Earth dist.	-2895 Mar 23 j 18:55	9°♄30'14	1.73571 AU
minimum elong	-2898 Oct 26 j 08:32	10°♁17'37	3°32'01		-2895 Apr 09 j 11:35	0°♄	
min. Earth dist.	-2898 Oct 26 j 01:26	10°♁28'28	0.26348 AU	asc. node	-2895 Apr 26 j 00:47	20°♄18'26	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 2

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2895 Apr 28 j 15:48	23° Υ 31'41		greatest brilliancy	-2893 Sep 13 j 22:05	18° Θ 12'11	-4.6m
greatest brilliancy	-2895 Apr 30 j 20:22	26° Υ 12'49	-3.9m		-2893 Oct 01 j 12:42	0° Ω	
	-2895 May 03 j 22:29	0° Υ		asc. node	-2893 Oct 11 j 19:37	9° Ω 10'12	
	-2895 May 28 j 09:48	0° Π		morning max el	-2893 Oct 20 j 19:17	18° Ω 03'00	46°52'04
	-2895 Jun 21 j 21:57	0° Θ			-2893 Nov 01 j 02:24	0° η	
	-2895 Jul 16 j 12:13	0° Ω			-2893 Nov 27 j 12:13	0° $\underline{\Omega}$	
	-2895 Aug 10 j 07:00	0° η			-2893 Dec 22 j 18:20	0° \mathcal{M}	
desc. node	-2895 Aug 15 j 17:50	6° η 33'12			-2892 Jan 16 j 15:22	0° \mathcal{A}	
	-2895 Sep 04 j 10:14	0° $\underline{\Omega}$		desc. node	-2892 Jan 31 j 13:56	18° \mathcal{A} 05'44	
	-2895 Sep 30 j 06:16	0° \mathcal{M}			-2892 Feb 10 j 09:31	0° \mathcal{C}	
evening max el	-2895 Oct 27 j 13:10	29° \mathcal{M} 41'15	47°28'05		-2892 Mar 06 j 02:24	0° \approx	
	-2895 Oct 27 j 20:31	0° \mathcal{A}			-2892 Mar 30 j 17:57	0° \mathcal{H}	
	-2895 Dec 03 j 12:08	0° \mathcal{C}		morning set	-2892 Apr 23 j 07:40	28° \mathcal{H} 46'35	
greatest brilliancy	-2895 Dec 03 j 23:25	0° \mathcal{C} 13'42	-4.7m		-2892 Apr 24 j 07:40	0° Υ	
asc. node	-2895 Dec 06 j 16:50	1° \mathcal{C} 25'44			-2892 May 18 j 18:54	0° \mathcal{H}	
retrograde	-2895 Dec 17 j 16:38	3° \mathcal{C} 44'33		asc. node	-2892 May 23 j 12:49	5° \mathcal{H} 50'17	
	-2895 Dec 31 j 03:22	30° \mathcal{R} \mathcal{A}		max. Earth dist.	-2892 May 26 j 00:17	8° \mathcal{H} 53'15	1.73416 AU
evening set	-2894 Jan 02 j 15:45	28° \mathcal{A} 35'37					
min. Earth dist.	-2894 Jan 06 j 12:30	26° \mathcal{A} 13'11	0.27750 AU	superior conj	-2892 May 29 j 06:22	12° \mathcal{H} 53'39	0°13'28
inferior conj	-2894 Jan 07 j 14:53	25° \mathcal{A} 31'28	6°49'32	minimum elong	-2892 May 29 j 03:44	12° \mathcal{H} 45'31	0°13'24
minimum elong	-2894 Jan 07 j 05:45	25° \mathcal{A} 45'55	6°47'48	behind sun begin	-2892 May 28 j 15:50	12° \mathcal{H} 08'53	
morning rise	-2894 Jan 11 j 20:24	22° \mathcal{A} 54'51		behind sun end	-2892 May 29 j 15:37	13° \mathcal{H} 22'10	
direct	-2894 Jan 28 j 09:16	17° \mathcal{A} 33'26			-2892 Jun 12 j 03:04	0° Π	
greatest brilliancy	-2894 Feb 07 j 22:54	19° \mathcal{A} 37'36	-4.6m	evening rise	-2892 Jul 03 j 22:40	27° Π 01'06	
	-2894 Feb 25 j 17:48	0° \mathcal{C}			-2892 Jul 06 j 08:20	0° Θ	
morning max el	-2894 Mar 18 j 10:46	17° \mathcal{C} 59'45	45°58'50		-2892 Jul 30 j 11:46	0° Ω	
desc. node	-2894 Mar 28 j 11:16	27° \mathcal{C} 54'46			-2892 Aug 23 j 15:09	0° η	
	-2894 Mar 30 j 12:17	0° \approx		desc. node	-2892 Sep 12 j 06:00	24° η 18'42	
	-2894 Apr 27 j 09:16	0° \mathcal{H}			-2892 Sep 16 j 20:25	0° $\underline{\Omega}$	
	-2894 May 23 j 16:42	0° Υ			-2892 Oct 11 j 05:30	0° \mathcal{M}	
	-2894 Jun 18 j 03:28	0° \mathcal{H}			-2892 Nov 04 j 21:36	0° \mathcal{A}	
	-2894 Jul 12 j 23:25	0° Π			-2892 Nov 30 j 04:23	0° \mathcal{C}	
asc. node	-2894 Jul 19 j 10:36	7° Π 54'47			-2892 Dec 26 j 22:25	0° \approx	
	-2894 Aug 06 j 07:50	0° Θ		asc. node	-2891 Jan 03 j 04:39	7° \approx 35'38	
greatest brilliancy	-2894 Aug 23 j 19:12	21° Θ 48'15	-3.9m	evening max el	-2891 Jan 06 j 12:01	10° \approx 56'42	46°15'47
	-2894 Aug 30 j 07:58	0° Ω			-2891 Jan 27 j 15:34	0° \mathcal{H}	
morning set	-2894 Sep 11 j 15:11	15° Ω 28'46		greatest brilliancy	-2891 Feb 10 j 09:59	8° \mathcal{H} 53'03	-4.5m
	-2894 Sep 23 j 03:32	0° η		retrograde	-2891 Feb 25 j 05:35	12° \mathcal{H} 48'28	
	-2894 Oct 16 j 21:56	0° $\underline{\Omega}$		evening set	-2891 Mar 14 j 11:49	7° \mathcal{H} 04'46	
				inferior conj	-2891 Mar 18 j 16:20	4° \mathcal{H} 27'34	7°07'24
superior conj	-2894 Oct 21 j 20:52	6° $\underline{\Omega}$ 14'53	0°39'10	minimum elong	-2891 Mar 19 j 00:22	4° \mathcal{H} 14'43	7°06'11
minimum elong	-2894 Oct 22 j 06:17	6° $\underline{\Omega}$ 44'33	0°38'45	min. Earth dist.	-2891 Mar 18 j 21:46	4° \mathcal{H} 18'53	0.29225 AU
max. Earth dist.	-2894 Oct 24 j 12:54	9° $\underline{\Omega}$ 36'39	1.70924 AU	morning rise	-2891 Mar 23 j 12:59	1° \mathcal{H} 26'03	
desc. node	-2894 Nov 08 j 04:09	28° $\underline{\Omega}$ 02'13			-2891 Mar 26 j 02:13	30° \mathcal{R} \approx	
	-2894 Nov 09 j 17:38	0° \mathcal{M}		direct	-2891 Apr 09 j 07:16	26° \approx 03'44	
evening rise	-2894 Dec 03 j 07:26	29° \mathcal{M} 33'49		greatest brilliancy	-2891 Apr 22 j 02:30	28° \approx 56'10	-4.5m
	-2894 Dec 03 j 15:48	0° \mathcal{A}			-2891 Apr 24 j 10:40	0° \mathcal{H}	
	-2894 Dec 27 j 17:10	0° \mathcal{C}		desc. node	-2891 Apr 24 j 22:40	0° \mathcal{H} 14'43	
	-2893 Jan 20 j 22:53	0° \approx		morning max el	-2891 May 28 j 02:28	25° \mathcal{H} 47'51	45°49'11
	-2893 Feb 14 j 11:14	0° \mathcal{H}			-2891 Jun 01 j 10:34	0° Υ	
asc. node	-2893 Mar 01 j 02:38	17° \mathcal{H} 41'21			-2891 Jun 29 j 22:04	0° \mathcal{H}	
	-2893 Mar 11 j 09:42	0° Υ			-2891 Jul 26 j 03:22	0° Π	
	-2893 Apr 05 j 23:37	0° \mathcal{H}		asc. node	-2891 Aug 15 j 22:35	24° Π 49'35	
	-2893 May 02 j 15:14	0° Π			-2891 Aug 20 j 04:54	0° Θ	
	-2893 May 31 j 15:05	0° Θ			-2891 Sep 13 j 13:42	0° Ω	
evening max el	-2893 Jun 01 j 02:51	0° Θ 28'10	45°36'21		-2891 Oct 07 j 13:13	0° η	
desc. node	-2893 Jun 20 j 20:03	17° Θ 32'40			-2891 Oct 31 j 09:17	0° $\underline{\Omega}$	
greatest brilliancy	-2893 Jul 09 j 00:43	28° Θ 12'54	-4.5m		-2891 Nov 24 j 05:44	0° \mathcal{M}	
	-2893 Jul 15 j 13:25	0° Ω		morning set	-2891 Nov 26 j 23:13	3° \mathcal{M} 25'32	
retrograde	-2893 Jul 20 j 01:28	0° Ω 22'41		desc. node	-2891 Dec 05 j 16:06	14° \mathcal{M} 20'28	
	-2893 Jul 24 j 11:20	30° \mathcal{R} Θ			-2891 Dec 18 j 04:27	0° \mathcal{A}	
evening set	-2893 Aug 06 j 15:54	24° Θ 39'06					
inferior conj	-2893 Aug 10 j 01:17	22° Θ 37'01	-8°-41'-48	superior conj	-2890 Jan 07 j 21:56	25° \mathcal{A} 51'14	-1°-7'-12
minimum elong	-2893 Aug 09 j 21:02	22° Θ 43'29	8°41'28	minimum elong	-2890 Jan 07 j 11:10	25° \mathcal{A} 17'44	1°06'59
min. Earth dist.	-2893 Aug 10 j 11:29	22° Θ 21'30	0.27562 AU		-2890 Jan 11 j 05:56	0° \mathcal{C}	
morning rise	-2893 Aug 13 j 02:00	20° Θ 47'18		max. Earth dist.	-2890 Jan 12 j 04:59	1° \mathcal{C} 11'39	1.72157 AU
direct	-2893 Aug 31 j 02:08	14° Θ 43'44			-2890 Feb 04 j 10:21	0° \approx	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2890 Feb 16 j 12:49	14° \approx 56'54			-2888 Sep 26 j 06:30	0° Ω	
	-2890 Feb 28 j 18:09	0° H			-2888 Oct 21 j 00:18	0° M	
	-2890 Mar 25 j 06:06	0° Y			-2888 Nov 14 j 06:35	0° $\underline{\Omega}$	
asc. node	-2890 Mar 28 j 14:45	4° Y 05'48			-2888 Dec 08 j 09:39	0° M	
	-2890 Apr 18 j 23:07	0° B			-2887 Jan 01 j 13:28	0° A	
	-2890 May 13 j 22:27	0° II		desc. node	-2887 Jan 02 j 04:11	0° A 45'36	
	-2890 Jun 08 j 06:46	0° S			-2887 Jan 25 j 19:17	0° S	
	-2890 Jul 04 j 06:16	0° Ω		morning set	-2887 Feb 10 j 21:57	19° S 52'57	
desc. node	-2890 Jul 18 j 07:54	15° Ω 43'45			-2887 Feb 19 j 02:57	0° \approx	
	-2890 Jul 31 j 13:06	0° M			-2887 Mar 15 j 12:04	0° H	
evening max el	-2890 Aug 13 j 15:19	13° M 23'34	47°00'25				
	-2890 Aug 31 j 20:10	0° $\underline{\Omega}$		superior conj	-2887 Mar 20 j 20:30	6° H 34'39	-1°-10'-2
greatest brilliancy	-2890 Sep 22 j 05:53	13° $\underline{\Omega}$ 30'36	-4.7m	minimum elong	-2887 Mar 21 j 04:55	7° H 00'31	1°09'52
retrograde	-2890 Oct 02 j 23:25	15° $\underline{\Omega}$ 40'19		max. Earth dist.	-2887 Mar 21 j 17:45	7° H 39'58	1.73542 AU
evening set	-2890 Oct 18 j 04:19	11° $\underline{\Omega}$ 08'13			-2887 Apr 08 j 22:15	0° Y	
inferior conj	-2890 Oct 23 j 12:57	7° $\underline{\Omega}$ 58'57	-3°-56'-48	asc. node	-2887 Apr 25 j 02:51	19° Y 51'57	
minimum elong	-2890 Oct 23 j 21:12	7° $\underline{\Omega}$ 46'24	3°54'24	evening rise	-2887 Apr 26 j 10:56	21° Y 30'20	
min. Earth dist.	-2890 Oct 23 j 14:49	7° $\underline{\Omega}$ 56'06	0.26357 AU	greatest brilliancy	-2887 Apr 30 j 22:00	26° Y 58'32	-3.9m
morning rise	-2890 Oct 29 j 13:57	4° $\underline{\Omega}$ 27'27			-2887 May 03 j 09:12	0° B	
asc. node	-2890 Nov 08 j 07:12	0° $\underline{\Omega}$ 48'59			-2887 May 27 j 20:45	0° II	
direct	-2890 Nov 12 j 18:22	0° $\underline{\Omega}$ 24'01			-2887 Jun 21 j 09:17	0° S	
greatest brilliancy	-2890 Nov 24 j 20:19	3° $\underline{\Omega}$ 08'16	-4.7m		-2887 Jul 16 j 00:09	0° Ω	
	-2890 Dec 29 j 19:55	0° M			-2887 Aug 09 j 19:46	0° M	
morning max el	-2889 Jan 02 j 02:24	3° M 14'26	46°38'27	desc. node	-2887 Aug 14 j 19:55	6° M 00'24	
	-2889 Jan 27 j 07:13	0° A			-2887 Sep 04 j 00:19	0° $\underline{\Omega}$	
	-2889 Feb 22 j 19:00	0° S			-2887 Sep 29 j 22:46	0° M	
desc. node	-2889 Feb 28 j 01:46	6° S 06'16		evening max el	-2887 Oct 25 j 05:20	27° M 23'00	47°29'09
	-2889 Mar 20 j 12:35	0° \approx			-2887 Oct 27 j 19:18	0° A	
	-2889 Apr 14 j 20:05	0° H		greatest brilliancy	-2887 Dec 01 j 17:08	27° A 55'52	-4.7m
	-2889 May 09 j 20:02	0° Y		asc. node	-2887 Dec 05 j 18:58	29° A 37'46	
	-2889 Jun 03 j 13:03	0° B			-2887 Dec 06 j 21:27	0° S	
asc. node	-2889 Jun 21 j 00:51	21° B 27'12		retrograde	-2887 Dec 15 j 08:01	1° S 23'21	
	-2889 Jun 27 j 23:12	0° II			-2887 Dec 23 j 10:36	30° R A	
morning set	-2889 Jun 30 j 08:41	2° II 57'37		evening set	-2887 Dec 31 j 03:34	26° A 19'50	
	-2889 Jul 22 j 03:06	0° S		min. Earth dist.	-2886 Jan 04 j 02:45	23° A 53'46	0.27670 AU
max. Earth dist.	-2889 Aug 02 j 11:29	14° S 10'41	1.71855 AU	inferior conj	-2886 Jan 05 j 05:32	23° A 11'25	6°36'46
				minimum elong	-2886 Jan 04 j 20:12	23° A 26'10	6°34'54
superior conj	-2889 Aug 06 j 05:55	18° S 53'44	1°21'06	morning rise	-2886 Jan 09 j 13:34	20° A 31'08	
minimum elong	-2889 Aug 06 j 01:05	18° S 38'36	1°21'07	direct	-2886 Jan 25 j 23:33	15° A 14'57	
	-2889 Aug 15 j 02:28	0° Ω		greatest brilliancy	-2886 Feb 05 j 11:20	17° A 17'33	-4.6m
	-2889 Sep 07 j 23:40	0° M			-2886 Feb 26 j 06:57	0° S	
evening rise	-2889 Sep 13 j 18:14	7° M 15'22		morning max el	-2886 Mar 16 j 01:12	15° S 44'26	45°59'50
	-2889 Oct 01 j 21:00	0° $\underline{\Omega}$		desc. node	-2886 Mar 27 j 13:16	27° S 10'39	
desc. node	-2889 Oct 10 j 18:06	11° $\underline{\Omega}$ 07'59			-2886 Mar 30 j 06:59	0° \approx	
	-2889 Oct 25 j 20:04	0° M			-2886 Apr 26 j 23:44	0° H	
	-2889 Nov 18 j 22:09	0° A			-2886 May 23 j 05:21	0° Y	
	-2889 Dec 13 j 05:14	0° S			-2886 Jun 17 j 15:11	0° B	
	-2888 Jan 06 j 21:32	0° \approx			-2886 Jul 12 j 10:40	0° II	
asc. node	-2888 Jan 31 j 16:39	29° \approx 17'41		asc. node	-2886 Jul 18 j 12:52	7° II 27'31	
	-2888 Feb 01 j 07:17	0° H			-2886 Aug 05 j 18:51	0° S	
	-2888 Feb 28 j 03:56	0° Y		greatest brilliancy	-2886 Aug 24 j 16:07	23° S 34'39	-3.9m
evening max el	-2888 Mar 18 j 08:58	19° Y 33'54	45°13'32		-2886 Aug 29 j 18:56	0° Ω	
	-2888 Mar 29 j 21:01	0° B		morning set	-2886 Sep 09 j 04:15	13° Ω 04'14	
greatest brilliancy	-2888 Apr 21 j 16:04	15° B 30'09	-4.5m		-2886 Sep 22 j 14:30	0° M	
retrograde	-2888 May 05 j 15:54	18° B 52'59			-2886 Oct 16 j 08:57	0° $\underline{\Omega}$	
evening set	-2888 May 20 j 13:25	14° B 38'03					
desc. node	-2888 May 22 j 10:23	13° B 35'27		superior conj	-2886 Oct 19 j 06:32	3° $\underline{\Omega}$ 39'22	0°42'39
inferior conj	-2888 May 27 j 00:56	10° B 48'39	-1°-4'-12	minimum elong	-2886 Oct 19 j 16:29	4° $\underline{\Omega}$ 10'42	0°42'13
minimum elong	-2888 May 26 j 22:34	10° B 52'18	1°03'29	max. Earth dist.	-2886 Oct 21 j 14:36	6° $\underline{\Omega}$ 36'01	1.70914 AU
min. Earth dist.	-2888 May 27 j 12:05	10° B 31'24	0.28764 AU	desc. node	-2886 Nov 07 j 06:14	27° $\underline{\Omega}$ 33'59	
morning rise	-2888 Jun 02 j 07:15	7° B 05'06			-2886 Nov 09 j 04:41	0° M	
direct	-2888 Jun 17 j 18:13	2° B 31'59		evening rise	-2886 Nov 30 j 16:31	26° M 57'22	
greatest brilliancy	-2888 Jul 02 j 08:58	6° B 15'12	-4.5m		-2886 Dec 03 j 02:54	0° A	
	-2888 Aug 02 j 17:20	0° II			-2886 Dec 27 j 04:18	0° S	
morning max el	-2888 Aug 06 j 09:17	3° II 32'46	46°18'48		-2885 Jan 20 j 10:08	0° \approx	
	-2888 Aug 31 j 09:24	0° S			-2885 Feb 13 j 22:45	0° H	
asc. node	-2888 Sep 12 j 10:13	13° S 42'31		asc. node	-2885 Feb 28 j 04:40	17° H 11'56	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2885 Mar 10 j 21:50	0°♈				-2883 Aug 19 j 16:57	0°♍	
	-2885 Apr 05 j 12:58	0°♉				-2883 Sep 13 j 01:15	0°♎	
	-2885 May 02 j 07:11	0°♊				-2883 Oct 07 j 00:31	0°♏	
evening max el	-2885 May 29 j 16:08	28°♊10'00	45°34'12			-2883 Oct 30 j 20:28	0°♐	
	-2885 May 31 j 14:31	0°♋				-2883 Nov 23 j 16:51	0°♑	
desc. node	-2885 Jun 19 j 22:16	16°♋22'49		morning set		-2883 Nov 24 j 08:59	0°♒50'40	
greatest brilliancy	-2885 Jul 06 j 12:30	25°♋52'39	-4.5m	desc. node		-2883 Dec 04 j 18:18	13°♒52'40	
retrograde	-2885 Jul 17 j 14:06	28°♋03'43				-2883 Dec 17 j 15:30	0°♓	
evening set	-2885 Aug 04 j 02:17	22°♌24'28						
inferior conj	-2885 Aug 07 j 15:02	20°♌17'35	-8°-36'-19	superior conj		-2882 Jan 05 j 09:12	23°♓22'43	-1°-4'-51
minimum elong	-2885 Aug 07 j 09:58	20°♌25'17	8°35'53	minimum elong		-2882 Jan 04 j 22:10	22°♓48'20	1°04'37
min. Earth dist.	-2885 Aug 08 j 01:15	20°♌02'01	0.27613 AU	max. Earth dist.		-2882 Jan 09 j 14:22	28°♓37'29	1.72102 AU
morning rise	-2885 Aug 10 j 17:27	18°♌25'16				-2882 Jan 10 j 16:55	0°♈	
direct	-2885 Aug 28 j 16:00	12°♌23'15				-2882 Feb 03 j 21:18	0°♉	
greatest brilliancy	-2885 Sep 11 j 14:19	15°♌53'27	-4.6m	evening rise		-2882 Feb 14 j 03:08	12°♉39'18	
	-2885 Oct 01 j 22:12	0°♊				-2882 Feb 28 j 05:08	0°♊	
asc. node	-2885 Oct 10 j 21:45	8°♊13'02				-2882 Mar 24 j 17:14	0°♋	
morning max el	-2885 Oct 18 j 08:04	15°♊35'53	46°51'29	asc. node		-2882 Mar 27 j 16:48	3°♋38'03	
	-2885 Oct 31 j 21:08	0°♌				-2882 Apr 18 j 10:35	0°♉	
	-2885 Nov 27 j 03:16	0°♍				-2882 May 13 j 10:34	0°♊	
	-2885 Dec 22 j 07:43	0°♎				-2882 Jun 07 j 20:00	0°♋	
	-2884 Jan 16 j 03:47	0°♏				-2882 Jul 03 j 21:32	0°♌	
desc. node	-2884 Jan 30 j 16:05	17°♏35'58		desc. node		-2882 Jul 17 j 10:01	15°♌02'45	
	-2884 Feb 09 j 21:16	0°♐				-2882 Jul 31 j 08:53	0°♍	
	-2884 Mar 05 j 13:40	0°♑		evening max el		-2882 Aug 11 j 04:49	11°♍00'18	46°57'55
	-2884 Mar 30 j 04:53	0°♒				-2882 Sep 01 j 10:36	0°♎	
morning set	-2884 Apr 21 j 02:14	26°♒43'40		greatest brilliancy		-2882 Sep 19 j 18:24	11°♎01'27	-4.7m
	-2884 Apr 23 j 18:25	0°♈		retrograde		-2882 Sep 30 j 12:02	13°♎10'54	
	-2884 May 18 j 05:34	0°♉		evening set		-2882 Oct 15 j 19:11	8°♎34'57	
asc. node	-2884 May 22 j 15:00	5°♉24'13		inferior conj		-2882 Oct 21 j 01:02	5°♎29'41	-4°-18'-37
max. Earth dist.	-2884 May 23 j 20:50	6°♉55'59	1.73450 AU	minimum elong		-2882 Oct 21 j 09:54	5°♎16'15	4°16'07
				min. Earth dist.		-2882 Oct 21 j 03:50	5°♎25'26	0.26368 AU
superior conj	-2884 May 27 j 01:20	10°♉51'26	0°10'26	morning rise		-2882 Oct 27 j 00:31	2°♎00'46	
minimum elong	-2884 May 26 j 23:16	10°♉45'06	0°10'24			-2882 Oct 31 j 06:19	30°♎00'16	
behind sun begin	-2884 May 26 j 06:25	9°♉53'12		asc. node		-2882 Nov 07 j 09:20	28°♎05'16	
behind sun end	-2884 May 27 j 16:08	11°♉37'01		direct		-2882 Nov 10 j 07:13	27°♎54'40	
	-2884 Jun 11 j 13:46	0°♊				-2882 Nov 20 j 18:00	0°♏	
evening rise	-2884 Jul 01 j 17:15	24°♊56'29		greatest brilliancy		-2882 Nov 22 j 10:18	0°♏40'57	-4.7m
	-2884 Jul 05 j 19:08	0°♋				-2882 Dec 29 j 19:53	0°♑	
	-2884 Jul 29 j 22:47	0°♌		morning max el		-2882 Dec 30 j 16:57	0°♑52'42	46°39'31
	-2884 Aug 23 j 02:29	0°♍				-2881 Jan 26 j 23:55	0°♒	
desc. node	-2884 Sep 11 j 08:01	23°♍48'51		desc. node		-2881 Feb 22 j 09:02	0°♓	
	-2884 Sep 16 j 08:11	0°♎				-2881 Feb 27 j 03:45	5°♓32'16	
	-2884 Oct 10 j 17:51	0°♏				-2881 Mar 20 j 01:15	0°♈	
	-2884 Nov 04 j 10:49	0°♐				-2881 Apr 14 j 07:56	0°♉	
	-2884 Nov 29 j 19:10	0°♑				-2881 May 09 j 07:23	0°♊	
	-2884 Dec 26 j 17:05	0°♒				-2881 Jun 03 j 00:05	0°♋	
asc. node	-2883 Jan 02 j 06:52	6°♒48'54		asc. node		-2881 Jun 20 j 03:00	21°♒00'09	
evening max el	-2883 Jan 04 j 02:21	8°♒38'39	46°18'49			-2881 Jun 27 j 10:06	0°♌	
	-2883 Jan 28 j 05:45	0°♓		morning set		-2881 Jun 28 j 02:08	0°♌49'33	
greatest brilliancy	-2883 Feb 08 j 02:04	6°♓42'41	-4.5m			-2881 Jul 21 j 14:00	0°♍	
retrograde	-2883 Feb 22 j 22:29	10°♓40'05		max. Earth dist.		-2881 Jul 31 j 00:21	11°♍46'37	1.71912 AU
evening set	-2883 Mar 12 j 06:53	4°♓52'25						
inferior conj	-2883 Mar 16 j 09:09	2°♓18'44	7°17'02	superior conj		-2881 Aug 03 j 21:45	16°♓38'48	1°20'08
minimum elong	-2883 Mar 16 j 16:52	2°♓06'26	7°15'57	minimum elong		-2881 Aug 03 j 16:19	16°♓21'45	1°20'08
min. Earth dist.	-2883 Mar 16 j 13:49	2°♓11'18	0.29213 AU			-2881 Aug 14 j 13:27	0°♎	
	-2883 Mar 20 j 01:25	30°♈				-2881 Sep 07 j 10:47	0°♏	
morning rise	-2883 Mar 21 j 02:55	29°♈21'36		evening rise		-2881 Sep 11 j 06:13	4°♏47'12	
direct	-2883 Apr 06 j 23:10	23°♈54'58				-2881 Oct 01 j 08:15	0°♐	
greatest brilliancy	-2883 Apr 19 j 17:54	26°♈46'48	-4.5m	desc. node		-2881 Oct 09 j 20:13	10°♐39'07	
desc. node	-2883 Apr 24 j 00:49	28°♈49'37				-2881 Oct 25 j 07:29	0°♑	
	-2883 Apr 26 j 03:41	0°♉				-2881 Nov 18 j 09:46	0°♒	
morning max el	-2883 May 25 j 18:44	23°♉39'02	45°48'54			-2881 Dec 12 j 17:13	0°♓	
	-2883 Jun 01 j 06:56	0°♊				-2880 Jan 06 j 10:11	0°♈	
	-2883 Jun 29 j 13:06	0°♋		asc. node		-2880 Jan 30 j 18:37	28°♈43'11	
	-2883 Jul 25 j 16:23	0°♌				-2880 Jan 31 j 21:15	0°♉	
asc. node	-2883 Aug 15 j 00:34	24°♌18'45				-2880 Feb 27 j 21:10	0°♊	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 5

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2880 Mar 16 j 01:28	17° Υ 24'56	45°14'20		-2878 Sep 22 j 01:44	0° \mathfrak{M}	
	-2880 Mar 30 j 03:03	0° \mathfrak{C}			-2878 Oct 15 j 20:14	0° \mathfrak{L}	
greatest brilliancy	-2880 Apr 19 j 07:33	13° \mathfrak{C} 20'25	-4.5m				
retrograde	-2880 May 03 j 07:38	16° \mathfrak{C} 43'18		superior conj	-2878 Oct 16 j 16:18	1° \mathfrak{L} 03'18	0°46'01
evening set	-2880 May 18 j 05:45	12° \mathfrak{C} 27'58		minimum elong	-2878 Oct 17 j 02:42	1° \mathfrak{L} 36'03	0°45'35
desc. node	-2880 May 21 j 12:35	10° \mathfrak{C} 35'21		max. Earth dist.	-2878 Oct 18 j 14:32	3° \mathfrak{L} 29'00	1.70907 AU
inferior conj	-2880 May 24 j 16:53	8° \mathfrak{C} 38'29	0°-44'-21	desc. node	-2878 Nov 06 j 08:23	27° \mathfrak{L} 05'06	
minimum elong	-2880 May 24 j 15:15	8° \mathfrak{C} 41'01	0°43'50		-2878 Nov 08 j 16:02	0° \mathfrak{M}	
min. Earth dist.	-2880 May 25 j 04:09	8° \mathfrak{C} 21'00	0.28794 AU	evening rise	-2878 Nov 28 j 01:37	24° \mathfrak{M} 20'01	
morning rise	-2880 May 31 j 00:19	4° \mathfrak{C} 53'02			-2878 Dec 02 j 14:17	0° \mathfrak{C}	
direct	-2880 Jun 15 j 10:58	0° \mathfrak{C} 21'28			-2878 Dec 26 j 15:43	0° \mathfrak{C}	
greatest brilliancy	-2880 Jun 29 j 23:32	4° \mathfrak{C} 02'13	-4.5m		-2877 Jan 19 j 21:39	0° \approx	
	-2880 Aug 02 j 16:38	0° \mathfrak{I}			-2877 Feb 13 j 10:34	0° \mathfrak{K}	
morning max el	-2880 Aug 04 j 00:19	1° \mathfrak{I} 17'17	46°17'18	asc. node	-2877 Feb 27 j 06:47	16° \mathfrak{K} 41'53	
	-2880 Aug 31 j 01:38	0° \mathfrak{C}			-2877 Mar 10 j 10:17	0° Υ	
asc. node	-2880 Sep 11 j 12:19	13° \mathfrak{C} 05'23			-2877 Apr 05 j 02:43	0° \mathfrak{C}	
	-2880 Sep 25 j 20:23	0° \mathfrak{Q}			-2877 May 01 j 23:47	0° \mathfrak{I}	
	-2880 Oct 20 j 13:05	0° \mathfrak{M}		evening max el	-2877 May 27 j 05:03	25° \mathfrak{I} 49'51	45°31'56
	-2880 Nov 13 j 18:44	0° \mathfrak{L}			-2877 May 31 j 15:42	0° \mathfrak{C}	
	-2880 Dec 07 j 21:23	0° \mathfrak{M}		desc. node	-2877 Jun 19 j 00:21	15° \mathfrak{C} 09'04	
desc. node	-2879 Jan 01 j 06:16	0° \mathfrak{C} 16'37		greatest brilliancy	-2877 Jul 03 j 23:19	23° \mathfrak{C} 29'42	-4.5m
	-2879 Jan 01 j 00:54	0° \mathfrak{C}		retrograde	-2877 Jul 15 j 03:01	25° \mathfrak{C} 43'06	
	-2879 Jan 25 j 06:29	0° \mathfrak{C}		evening set	-2877 Aug 01 j 12:08	20° \mathfrak{C} 08'18	
morning set	-2879 Feb 08 j 12:11	17° \mathfrak{C} 34'43		inferior conj	-2877 Aug 05 j 04:33	17° \mathfrak{C} 56'18	-8°-29'-49
	-2879 Feb 18 j 13:59	0° \approx		minimum elong	-2877 Aug 04 j 22:42	18° \mathfrak{C} 05'11	8°29'17
	-2879 Mar 14 j 22:59	0° \mathfrak{K}		min. Earth dist.	-2877 Aug 05 j 14:42	17° \mathfrak{C} 40'51	0.27664 AU
				morning rise	-2877 Aug 08 j 09:01	16° \mathfrak{C} 01'02	
superior conj	-2879 Mar 18 j 13:40	4° \mathfrak{K} 26'22	-1°-11'-46	direct	-2877 Aug 26 j 05:44	10° \mathfrak{C} 00'49	
minimum elong	-2879 Mar 18 j 21:50	4° \mathfrak{K} 51'30	1°11'37	greatest brilliancy	-2877 Sep 09 j 07:10	13° \mathfrak{C} 34'09	-4.6m
max. Earth dist.	-2879 Mar 19 j 16:13	5° \mathfrak{K} 47'58	1.73516 AU		-2877 Oct 02 j 05:43	0° \mathfrak{Q}	
	-2879 Apr 08 j 09:10	0° Υ		asc. node	-2877 Oct 09 j 23:56	7° \mathfrak{Q} 16'00	
evening rise	-2879 Apr 24 j 05:42	19° Υ 27'03		morning max el	-2877 Oct 15 j 21:21	13° \mathfrak{Q} 09'00	46°51'03
asc. node	-2879 Apr 24 j 05:01	19° Υ 24'56			-2877 Oct 31 j 15:48	0° \mathfrak{M}	
greatest brilliancy	-2879 May 01 j 09:54	28° Υ 14'50	-3.9m		-2877 Nov 26 j 18:26	0° \mathfrak{L}	
	-2879 May 02 j 20:13	0° \mathfrak{C}			-2877 Dec 21 j 21:18	0° \mathfrak{M}	
	-2879 May 27 j 08:00	0° \mathfrak{I}			-2876 Jan 15 j 16:26	0° \mathfrak{C}	
	-2879 Jun 20 j 20:56	0° \mathfrak{C}		desc. node	-2876 Jan 29 j 18:01	17° \mathfrak{C} 04'41	
	-2879 Jul 15 j 12:22	0° \mathfrak{Q}			-2876 Feb 09 j 09:17	0° \mathfrak{C}	
	-2879 Aug 09 j 08:51	0° \mathfrak{M}			-2876 Mar 05 j 01:12	0° \approx	
desc. node	-2879 Aug 13 j 21:55	5° \mathfrak{M} 26'32			-2876 Mar 29 j 16:06	0° \mathfrak{K}	
	-2879 Sep 03 j 14:47	0° \mathfrak{L}		morning set	-2876 Apr 18 j 20:56	24° \mathfrak{K} 40'18	
	-2879 Sep 29 j 15:50	0° \mathfrak{M}			-2876 Apr 23 j 05:26	0° Υ	
evening max el	-2879 Oct 22 j 20:36	25° \mathfrak{M} 01'37	47°30'05		-2876 May 17 j 16:31	0° \mathfrak{C}	
	-2879 Oct 27 j 19:21	0° \mathfrak{C}		asc. node	-2876 May 21 j 17:07	4° \mathfrak{C} 57'00	
greatest brilliancy	-2879 Nov 29 j 11:31	25° \mathfrak{C} 38'00	-4.7m	max. Earth dist.	-2876 May 21 j 19:36	5° \mathfrak{C} 04'39	1.73487 AU
asc. node	-2879 Dec 04 j 21:11	27° \mathfrak{C} 45'00					
retrograde	-2879 Dec 12 j 22:51	29° \mathfrak{C} 01'21		superior conj	-2876 May 24 j 20:21	8° \mathfrak{C} 48'32	0°07'24
evening set	-2879 Dec 28 j 15:26	24° \mathfrak{C} 03'15		minimum elong	-2876 May 24 j 18:53	8° \mathfrak{C} 44'01	0°07'23
min. Earth dist.	-2878 Jan 01 j 17:24	21° \mathfrak{C} 33'10	0.27588 AU	behind sun begin	-2876 May 23 j 23:08	7° \mathfrak{C} 43'12	
inferior conj	-2878 Jan 02 j 20:11	20° \mathfrak{C} 50'47	6°23'17	behind sun end	-2876 May 25 j 14:38	9° \mathfrak{C} 44'50	
minimum elong	-2878 Jan 02 j 10:44	21° \mathfrak{C} 05'46	6°21'17		-2876 Jun 11 j 00:47	0° \mathfrak{I}	
morning rise	-2878 Jan 07 j 06:45	18° \mathfrak{C} 06'43		evening rise	-2876 Jun 29 j 11:53	22° \mathfrak{I} 50'58	
direct	-2878 Jan 23 j 13:25	12° \mathfrak{C} 55'50			-2876 Jul 05 j 06:19	0° \mathfrak{C}	
greatest brilliancy	-2878 Feb 03 j 00:37	14° \mathfrak{C} 57'43	-4.6m		-2876 Jul 29 j 10:13	0° \mathfrak{Q}	
	-2878 Feb 26 j 16:55	0° \mathfrak{C}			-2876 Aug 22 j 14:16	0° \mathfrak{M}	
morning max el	-2878 Mar 13 j 14:35	13° \mathfrak{C} 25'53	46°00'51	desc. node	-2876 Sep 10 j 10:09	23° \mathfrak{M} 18'02	
desc. node	-2878 Mar 26 j 15:26	26° \mathfrak{C} 27'07			-2876 Sep 15 j 20:24	0° \mathfrak{L}	
	-2878 Mar 30 j 01:24	0° \approx			-2876 Oct 10 j 06:37	0° \mathfrak{M}	
	-2878 Apr 26 j 14:17	0° \mathfrak{K}			-2876 Nov 04 j 00:27	0° \mathfrak{C}	
	-2878 May 22 j 18:14	0° Υ			-2876 Nov 29 j 10:27	0° \mathfrak{C}	
	-2878 Jun 17 j 03:14	0° \mathfrak{C}			-2876 Dec 26 j 12:34	0° \approx	
	-2878 Jul 11 j 22:16	0° \mathfrak{I}		asc. node	-2875 Jan 01 j 08:50	6° \approx 00'02	
asc. node	-2878 Jul 17 j 14:51	6° \mathfrak{I} 58'19		evening max el	-2875 Jan 01 j 17:26	6° \approx 21'38	46°21'57
	-2878 Aug 05 j 06:13	0° \mathfrak{C}			-2875 Jan 29 j 01:21	0° \mathfrak{K}	
greatest brilliancy	-2878 Aug 25 j 09:54	25° \mathfrak{C} 10'23	-3.9m	greatest brilliancy	-2875 Feb 05 j 18:13	4° \mathfrak{K} 31'41	-4.5m
	-2878 Aug 29 j 06:11	0° \mathfrak{Q}		retrograde	-2875 Feb 20 j 16:01	8° \mathfrak{K} 31'00	
morning set	-2878 Sep 06 j 17:15	10° \mathfrak{Q} 38'36		evening set	-2875 Mar 10 j 01:54	2° \mathfrak{K} 39'30	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 6

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2875 Mar 14 j 02:02	0° H 09'06	7°26'03	superior conj	-2873 Aug 01 j 14:11	14° G 25'36	1°19'03
minimum elong	-2875 Mar 14 j 09:22	29° \approx 57'26	7°25'06	minimum elong	-2873 Aug 01 j 08:12	14° G 06'53	1°19'03
min. Earth dist.	-2875 Mar 14 j 05:30	0° H 03'35	0.29196 AU		-2873 Aug 14 j 00:31	0° Ω	
	-2875 Mar 14 j 07:46	30° R \approx			-2873 Sep 06 j 22:01	0° M	
morning rise	-2875 Mar 18 j 16:56	27° \approx 16'29		evening rise	-2873 Sep 08 j 18:38	2° M 20'07	
direct	-2875 Apr 04 j 15:28	21° \approx 45'35			-2873 Sep 30 j 19:40	0° $\underline{\Delta}$	
greatest brilliancy	-2875 Apr 17 j 08:54	24° \approx 36'29	-4.5m	desc. node	-2873 Oct 08 j 22:23	10° $\underline{\Delta}$ 09'53	
desc. node	-2875 Apr 23 j 02:56	27° \approx 26'42			-2873 Oct 24 j 19:06	0° M	
	-2875 Apr 27 j 08:23	0° H			-2873 Nov 17 j 21:39	0° J	
morning max el	-2875 May 23 j 11:41	21° H 31'23	45°48'37		-2873 Dec 12 j 05:28	0° C	
	-2875 Jun 01 j 02:54	0° Y			-2872 Jan 05 j 23:04	0° \approx	
	-2875 Jun 29 j 04:10	0° B		asc. node	-2872 Jan 29 j 20:46	28° \approx 08'38	
	-2875 Jul 25 j 05:35	0° II			-2872 Jan 31 j 11:30	0° H	
asc. node	-2875 Aug 14 j 02:42	23° II 47'27			-2872 Feb 27 j 14:51	0° Y	
	-2875 Aug 19 j 05:17	0° G		evening max el	-2872 Mar 13 j 17:19	15° Y 14'15	45°15'20
	-2875 Sep 12 j 13:09	0° Ω			-2872 Mar 30 j 11:25	0° B	
	-2875 Oct 06 j 12:12	0° M		greatest brilliancy	-2872 Apr 16 j 23:31	11° B 11'36	-4.5m
	-2875 Oct 30 j 08:00	0° $\underline{\Delta}$		retrograde	-2872 Apr 30 j 23:16	14° B 34'27	
morning set	-2875 Nov 21 j 18:34	28° $\underline{\Delta}$ 14'11		evening set	-2872 May 15 j 22:30	10° B 18'25	
	-2875 Nov 23 j 04:16	0° M		desc. node	-2872 May 20 j 14:40	7° B 34'57	
desc. node	-2875 Dec 03 j 20:21	13° M 23'27		inferior conj	-2872 May 22 j 09:07	6° B 29'14	0°-24'-40
	-2875 Dec 17 j 02:48	0° J		minimum elong	-2872 May 22 j 08:12	6° B 30'39	0°24'22
				min. Earth dist.	-2872 May 22 j 20:48	6° B 11'04	0.28822 AU
superior conj	-2874 Jan 02 j 20:10	20° J 52'23	-1°-2'-22	morning rise	-2872 May 28 j 17:27	2° B 41'59	
minimum elong	-2874 Jan 02 j 08:55	20° J 17'20	1°02'06		-2872 Jun 03 j 12:41	30° R Y	
max. Earth dist.	-2874 Jan 07 j 01:56	26° J 09'13	1.72046 AU	direct	-2872 Jun 13 j 03:23	28° Y 11'49	
	-2874 Jan 10 j 04:08	0° C			-2872 Jun 23 j 03:05	0° B	
	-2874 Feb 03 j 08:28	0° \approx		greatest brilliancy	-2872 Jun 27 j 14:17	1° B 50'01	-4.5m
evening rise	-2874 Feb 11 j 17:28	10° \approx 20'59		morning max el	-2872 Aug 01 j 14:54	29° B 01'04	46°15'57
	-2874 Feb 27 j 16:21	0° H			-2872 Aug 02 j 14:52	0° II	
	-2874 Mar 24 j 04:35	0° Y			-2872 Aug 30 j 17:30	0° G	
asc. node	-2874 Mar 26 j 19:00	3° Y 10'05		asc. node	-2872 Sep 10 j 14:33	12° G 29'12	
	-2874 Apr 17 j 22:16	0° B			-2872 Sep 25 j 10:04	0° Ω	
	-2874 May 12 j 22:54	0° II			-2872 Oct 20 j 01:45	0° M	
	-2874 Jun 07 j 09:29	0° G			-2872 Nov 13 j 06:51	0° $\underline{\Delta}$	
	-2874 Jul 03 j 13:13	0° Ω			-2872 Dec 07 j 09:09	0° M	
desc. node	-2874 Jul 16 j 11:59	14° Ω 20'19		desc. node	-2872 Dec 31 j 08:18	29° M 47'18	
	-2874 Jul 31 j 05:35	0° M			-2872 Dec 31 j 12:24	0° J	
evening max el	-2874 Aug 08 j 18:43	8° M 37'17	46°55'00		-2871 Jan 24 j 17:44	0° C	
	-2874 Sep 02 j 06:31	0° $\underline{\Delta}$		morning set	-2871 Feb 06 j 01:51	15° C 14'31	
greatest brilliancy	-2874 Sep 17 j 06:48	8° $\underline{\Delta}$ 30'48	-4.7m		-2871 Feb 18 j 01:02	0° \approx	
retrograde	-2874 Sep 28 j 00:21	10° $\underline{\Delta}$ 39'23			-2871 Mar 14 j 09:53	0° H	
evening set	-2874 Oct 13 j 09:56	5° $\underline{\Delta}$ 59'44					
inferior conj	-2874 Oct 18 j 12:50	2° $\underline{\Delta}$ 58'27	-4°-40'-7	superior conj	-2871 Mar 16 j 06:32	2° H 17'14	-1°-13'-25
minimum elong	-2874 Oct 18 j 22:13	2° $\underline{\Delta}$ 44'13	4°37'31	minimum elong	-2871 Mar 16 j 14:25	2° H 41'26	1°13'17
min. Earth dist.	-2874 Oct 18 j 16:27	2° $\underline{\Delta}$ 52'57	0.26383 AU	max. Earth dist.	-2871 Mar 17 j 13:18	3° H 51'47	1.73483 AU
	-2874 Oct 23 j 14:07	30° R M			-2871 Apr 07 j 20:01	0° Y	
morning rise	-2874 Oct 24 j 10:28	29° M 32'19		evening rise	-2871 Apr 22 j 00:22	17° Y 23'41	
asc. node	-2874 Nov 06 j 11:29	25° M 25'48		asc. node	-2871 Apr 23 j 07:06	18° Y 57'52	
direct	-2874 Nov 07 j 20:00	25° M 23'31			-2871 May 02 j 07:10	0° B	
greatest brilliancy	-2874 Nov 19 j 23:24	28° M 10'43	-4.7m	greatest brilliancy	-2871 May 02 j 08:12	0° B 03'12	-3.9m
	-2874 Nov 23 j 17:26	0° $\underline{\Delta}$			-2871 May 26 j 19:12	0° II	
morning max el	-2874 Dec 28 j 06:54	28° $\underline{\Delta}$ 28'13	46°40'42		-2871 Jun 20 j 08:31	0° G	
	-2874 Dec 29 j 19:15	0° M			-2871 Jul 15 j 00:31	0° Ω	
	-2873 Jan 26 j 16:37	0° J			-2871 Aug 08 j 21:51	0° M	
desc. node	-2873 Feb 21 j 23:08	0° C		desc. node	-2871 Aug 13 j 00:08	4° M 53'43	
	-2873 Feb 26 j 05:58	4° C 58'38			-2871 Sep 03 j 05:12	0° $\underline{\Delta}$	
	-2873 Mar 19 j 14:00	0° \approx			-2871 Sep 29 j 09:01	0° M	
	-2873 Apr 13 j 19:53	0° H		evening max el	-2871 Oct 20 j 10:46	22° M 37'54	47°30'44
	-2873 May 08 j 18:50	0° Y			-2871 Oct 27 j 20:22	0° J	
	-2873 Jun 02 j 11:14	0° B		greatest brilliancy	-2871 Nov 27 j 05:27	23° J 19'25	-4.7m
asc. node	-2873 Jun 19 j 05:02	20° B 32'30		asc. node	-2871 Dec 03 j 23:10	25° J 47'35	
morning set	-2873 Jun 25 j 20:07	28° B 42'57		retrograde	-2871 Dec 10 j 13:14	26° J 39'09	
	-2873 Jun 26 j 21:05	0° II		evening set	-2871 Dec 26 j 03:13	21° J 46'05	
	-2873 Jul 21 j 00:59	0° G		min. Earth dist.	-2871 Dec 30 j 08:15	19° J 11'47	0.27513 AU
max. Earth dist.	-2873 Jul 28 j 13:05	9° G 22'04	1.71972 AU	inferior conj	-2871 Dec 31 j 10:43	18° J 29'54	6°08'57
				minimum elong	-2871 Dec 31 j 01:12	18° J 44'58	6°06'50

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2870 Jan 04 j 23:52	15° ♂ 42'01		evening rise	-2868 Jun 27 j 06:32	20° ♂ 46'41	
direct	-2870 Jan 21 j 02:45	10° ♂ 36'10			-2868 Jul 04 j 17:09	0° ♂	
greatest brilliancy	-2870 Jan 31 j 15:01	12° ♂ 38'43	-4.6m		-2868 Jul 28 j 21:19	0° ♂	
	-2870 Feb 27 j 00:14	0° ♂			-2868 Aug 22 j 01:44	0° ♂	
morning max el	-2870 Mar 11 j 03:49	11° ♂ 06'44	46°02'00	desc. node	-2868 Sep 09 j 12:16	22° ♂ 48'12	
desc. node	-2870 Mar 25 j 17:35	25° ♂ 44'12			-2868 Sep 15 j 08:18	0° ♂	
	-2870 Mar 29 j 19:19	0° ♂			-2868 Oct 09 j 19:05	0° ♂	
	-2870 Apr 26 j 04:33	0° ♂			-2868 Nov 03 j 13:47	0° ♂	
	-2870 May 22 j 06:52	0° ♂			-2868 Nov 29 j 01:30	0° ♂	
	-2870 Jun 16 j 15:01	0° ♂			-2868 Dec 26 j 08:06	0° ♂	
	-2870 Jul 11 j 09:36	0° ♂		evening max el	-2868 Dec 30 j 09:26	4° ♂ 08'09	46°25'04
asc. node	-2870 Jul 16 j 16:57	6° ♂ 30'12		asc. node	-2868 Dec 31 j 11:02	5° ♂ 12'17	
	-2870 Aug 04 j 17:20	0° ♂			-2867 Jan 30 j 03:21	0° ♂	
greatest brilliancy	-2870 Aug 26 j 03:31	26° ♂ 46'20	-3.9m	greatest brilliancy	-2867 Feb 03 j 10:52	2° ♂ 22'36	-4.5m
	-2870 Aug 28 j 17:13	0° ♂		retrograde	-2867 Feb 18 j 09:42	6° ♂ 22'54	
morning set	-2870 Sep 04 j 06:45	8° ♂ 15'19		evening set	-2867 Mar 07 j 20:53	0° ♂ 27'51	
	-2870 Sep 21 j 12:44	0° ♂			-2867 Mar 08 j 15:05	30° ♂	
				inferior conj	-2867 Mar 11 j 18:56	28° ♂ 00'30	7°34'32
superior conj	-2870 Oct 14 j 02:39	28° ♂ 29'48	0°49'14	minimum elong	-2867 Mar 12 j 01:50	27° ♂ 49'30	7°33'40
minimum elong	-2870 Oct 14 j 13:24	29° ♂ 03'43	0°48'49	min. Earth dist.	-2867 Mar 11 j 20:54	27° ♂ 57'22	0.29180 AU
	-2870 Oct 15 j 07:15	0° ♂		morning rise	-2867 Mar 16 j 06:57	25° ♂ 12'19	
max. Earth dist.	-2870 Oct 15 j 17:05	0° ♂ 31'00	1.70904 AU	direct	-2867 Apr 02 j 08:17	19° ♂ 37'21	
desc. node	-2870 Nov 05 j 10:26	26° ♂ 36'46		greatest brilliancy	-2867 Apr 14 j 23:07	22° ♂ 26'17	-4.5m
	-2870 Nov 08 j 03:05	0° ♂		desc. node	-2867 Apr 22 j 05:01	26° ♂ 07'21	
evening rise	-2870 Nov 25 j 11:02	21° ♂ 44'35			-2867 Apr 28 j 04:44	0° ♂	
	-2870 Dec 02 j 01:23	0° ♂		morning max el	-2867 May 21 j 04:55	19° ♂ 25'26	45°48'16
	-2870 Dec 26 j 02:53	0° ♂			-2867 May 31 j 21:57	0° ♂	
	-2869 Jan 19 j 08:58	0° ♂			-2867 Jun 28 j 18:44	0° ♂	
	-2869 Feb 12 j 22:13	0° ♂			-2867 Jul 24 j 18:22	0° ♂	
asc. node	-2869 Feb 26 j 08:57	16° ♂ 12'33		asc. node	-2867 Aug 13 j 04:57	23° ♂ 17'42	
	-2869 Mar 09 j 22:36	0° ♂			-2867 Aug 18 j 17:12	0° ♂	
	-2869 Apr 04 j 16:23	0° ♂			-2867 Sep 12 j 00:38	0° ♂	
	-2869 May 01 j 16:27	0° ♂			-2867 Oct 05 j 23:29	0° ♂	
evening max el	-2869 May 24 j 18:42	23° ♂ 32'36	45°29'59		-2867 Oct 29 j 19:11	0° ♂	
	-2869 May 31 j 17:48	0° ♂		morning set	-2867 Nov 19 j 04:16	25° ♂ 39'01	
desc. node	-2869 Jun 18 j 02:23	13° ♂ 54'10			-2867 Nov 22 j 15:21	0° ♂	
greatest brilliancy	-2869 Jul 01 j 09:12	21° ♂ 07'15	-4.5m	desc. node	-2867 Dec 02 j 22:24	12° ♂ 55'13	
retrograde	-2869 Jul 12 j 16:37	23° ♂ 24'11			-2867 Dec 16 j 13:46	0° ♂	
evening set	-2869 Jul 29 j 22:02	17° ♂ 53'47					
inferior conj	-2869 Aug 02 j 18:13	15° ♂ 36'31	-8°-22'-37	superior conj	-2867 Dec 31 j 07:03	18° ♂ 22'39	0°-59'-45
minimum elong	-2869 Aug 02 j 11:38	15° ♂ 46'29	8°21'55	minimum elong	-2867 Dec 30 j 19:41	17° ♂ 47'14	0°59'27
min. Earth dist.	-2869 Aug 03 j 03:57	15° ♂ 21'43	0.27715 AU	max. Earth dist.	-2866 Jan 04 j 15:19	23° ♂ 47'33	1.71987 AU
morning rise	-2869 Aug 06 j 00:59	13° ♂ 38'01			-2866 Jan 09 j 15:00	0° ♂	
direct	-2869 Aug 23 j 20:04	7° ♂ 39'56			-2866 Feb 02 j 19:18	0° ♂	
greatest brilliancy	-2869 Sep 07 j 00:00	11° ♂ 16'18	-4.6m	evening rise	-2866 Feb 09 j 07:48	8° ♂ 03'42	
	-2869 Oct 02 j 10:36	0° ♂			-2866 Feb 27 j 03:12	0° ♂	
asc. node	-2869 Oct 09 j 02:00	6° ♂ 20'56			-2866 Mar 23 j 15:37	0° ♂	
morning max el	-2869 Oct 13 j 11:55	10° ♂ 46'39	46°50'39	asc. node	-2866 Mar 25 j 21:04	2° ♂ 42'45	
	-2869 Oct 31 j 09:38	0° ♂			-2866 Apr 17 j 09:40	0° ♂	
	-2869 Nov 26 j 09:04	0° ♂			-2866 May 12 j 10:59	0° ♂	
	-2869 Dec 21 j 10:25	0° ♂			-2866 Jun 06 j 22:49	0° ♂	
	-2868 Jan 15 j 04:39	0° ♂			-2866 Jul 03 j 04:49	0° ♂	
desc. node	-2868 Jan 28 j 20:15	16° ♂ 35'31		desc. node	-2866 Jul 15 j 14:14	13° ♂ 39'05	
	-2868 Feb 08 j 20:53	0° ♂			-2866 Jul 31 j 02:36	0° ♂	
	-2868 Mar 04 j 12:23	0° ♂		evening max el	-2866 Aug 06 j 08:40	6° ♂ 15'34	46°52'08
	-2868 Mar 29 j 03:00	0° ♂			-2866 Sep 03 j 08:37	0° ♂	
morning set	-2868 Apr 16 j 15:26	22° ♂ 37'09		greatest brilliancy	-2866 Sep 14 j 20:06	6° ♂ 02'45	-4.7m
	-2868 Apr 22 j 16:11	0° ♂		retrograde	-2866 Sep 25 j 12:25	8° ♂ 09'21	
	-2868 May 17 j 03:11	0° ♂		evening set	-2866 Oct 11 j 00:58	3° ♂ 26'08	
max. Earth dist.	-2868 May 19 j 19:08	3° ♂ 16'38	1.73517 AU	inferior conj	-2866 Oct 16 j 00:48	0° ♂ 28'53	-5°00'-59
asc. node	-2868 May 20 j 19:09	4° ♂ 30'27		minimum elong	-2866 Oct 16 j 10:37	0° ♂ 13'58	4°58'20
				min. Earth dist.	-2866 Oct 16 j 05:22	0° ♂ 21'57	0.26400 AU
superior conj	-2868 May 22 j 15:13	6° ♂ 46'04	0°04'21		-2866 Oct 16 j 19:49	30° ♂	
minimum elong	-2868 May 22 j 14:20	6° ♂ 43'21	0°04'21	morning rise	-2866 Oct 21 j 20:16	27° ♂ 05'36	
behind sun begin	-2868 May 21 j 16:56	5° ♂ 37'29		direct	-2866 Nov 05 j 08:45	22° ♂ 54'03	
behind sun end	-2868 May 23 j 11:45	7° ♂ 49'15		asc. node	-2866 Nov 05 j 13:35	22° ♂ 54'06	
	-2868 Jun 10 j 11:28	0° ♂		greatest brilliancy	-2866 Nov 17 j 12:32	25° ♂ 41'41	-4.7m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2866 Nov 25 j 11:51	0°♌		asc. node	-2863 Apr 22 j 09:10	18°♊31'01	
morning max el	-2866 Dec 25 j 20:07	26°♌02'41	46°41'46		-2863 May 01 j 18:02	0°♋	
	-2866 Dec 29 j 17:18	0°♌		greatest brilliancy	-2863 May 04 j 08:19	3°♋10'43	-3.9m
	-2865 Jan 26 j 08:41	0°♌			-2863 May 26 j 06:19	0°♌	
	-2865 Feb 21 j 12:47	0°♌			-2863 Jun 19 j 20:03	0°♍	
desc. node	-2865 Feb 25 j 08:04	4°♌25'45			-2863 Jul 14 j 12:40	0°♎	
	-2865 Mar 19 j 02:21	0°♍			-2863 Aug 08 j 10:58	0°♏	
	-2865 Apr 13 j 07:28	0°♍		desc. node	-2863 Aug 12 j 02:11	4°♏20'11	
	-2865 May 08 j 05:57	0°♎			-2863 Sep 02 j 19:51	0°♐	
	-2865 Jun 01 j 22:05	0°♎			-2863 Sep 29 j 02:39	0°♑	
asc. node	-2865 Jun 18 j 07:12	20°♎05'53		evening max el	-2863 Oct 17 j 00:23	20°♑12'34	47°31'28
morning set	-2865 Jun 23 j 14:01	26°♎36'49			-2863 Oct 27 j 22:50	0°♒	
	-2865 Jun 26 j 07:51	0°♏		greatest brilliancy	-2863 Nov 24 j 22:41	20°♒59'21	-4.7m
	-2865 Jul 20 j 11:46	0°♏		asc. node	-2863 Dec 03 j 01:21	23°♒45'13	
max. Earth dist.	-2865 Jul 26 j 01:17	6°♏56'34	1.72034 AU	retrograde	-2863 Dec 08 j 03:43	24°♒16'33	
				evening set	-2863 Dec 23 j 14:56	19°♒27'58	
superior conj	-2865 Jul 30 j 06:36	12°♏13'03	1°17'51	min. Earth dist.	-2863 Dec 27 j 22:58	16°♒49'46	0.27437 AU
minimum elong	-2865 Jul 30 j 00:07	11°♏52'48	1°17'48	inferior conj	-2863 Dec 29 j 01:08	16°♒08'28	5°53'46
	-2865 Aug 13 j 11:24	0°♐		minimum elong	-2863 Dec 28 j 15:37	16°♒23'30	5°51'34
evening rise	-2865 Sep 06 j 07:05	29°♐53'56		morning rise	-2862 Jan 02 j 16:57	13°♒16'52	
	-2865 Sep 06 j 09:01	0°♑		direct	-2862 Jan 18 j 15:42	8°♒15'45	
	-2865 Sep 30 j 06:50	0°♑		greatest brilliancy	-2862 Jan 29 j 05:41	10°♒19'38	-4.6m
desc. node	-2865 Oct 08 j 00:22	9°♑40'56			-2862 Feb 27 j 05:26	0°♓	
	-2865 Oct 24 j 06:28	0°♒		morning max el	-2862 Mar 08 j 17:45	8°♓49'00	46°03'12
	-2865 Nov 17 j 09:18	0°♒		desc. node	-2862 Mar 24 j 19:36	25°♓01'23	
	-2865 Dec 11 j 17:31	0°♓			-2862 Mar 29 j 12:53	0°♔	
	-2864 Jan 05 j 11:48	0°♔			-2862 Apr 25 j 18:43	0°♕	
asc. node	-2864 Jan 28 j 22:59	27°♔34'40			-2862 May 21 j 19:29	0°♖	
	-2864 Jan 31 j 01:41	0°♕			-2862 Jun 16 j 02:50	0°♗	
	-2864 Feb 27 j 08:42	0°♖			-2862 Jul 10 j 20:59	0°♘	
evening max el	-2864 Mar 11 j 08:20	13°♖02'06	45°16'27	asc. node	-2862 Jul 15 j 19:12	6°♘02'21	
	-2864 Mar 30 j 22:26	0°♗			-2862 Aug 04 j 04:31	0°♙	
greatest brilliancy	-2864 Apr 14 j 14:28	9°♗02'12	-4.5m	greatest brilliancy	-2862 Aug 26 j 17:28	28°♙10'36	-3.9m
retrograde	-2864 Apr 28 j 14:48	12°♗26'31			-2862 Aug 28 j 04:19	0°♚	
evening set	-2864 May 13 j 15:21	8°♗09'14		morning set	-2862 Sep 01 j 20:21	5°♚52'07	
desc. node	-2864 May 19 j 16:42	4°♗34'18			-2862 Sep 20 j 23:52	0°♛	
inferior conj	-2864 May 20 j 01:22	4°♗20'48	0°-5'-1				
minimum elong	-2864 May 20 j 01:11	4°♗21'05	0°04'56	superior conj	-2862 Oct 11 j 12:46	25°♛55'01	0°52'23
transit middle	-2864 May 20 j 01:11	4°♗21'05	0°04'56	minimum elong	-2862 Oct 11 j 23:47	26°♛29'46	0°51'58
transit begin	-2864 May 19 j 21:19	4°♗27'07		max. Earth dist.	-2862 Oct 12 j 21:53	27°♛39'28	1.70908 AU
transit end	-2864 May 20 j 05:04	4°♗15'03			-2862 Oct 14 j 18:27	0°♜	
min. Earth dist.	-2864 May 20 j 13:43	4°♗01'35	0.28852 AU	desc. node	-2862 Nov 04 j 12:31	26°♜07'58	
morning rise	-2864 May 26 j 10:29	0°♗31'56			-2862 Nov 07 j 14:21	0°♝	
	-2864 May 27 j 10:19	30°♗♏		evening rise	-2862 Nov 22 j 19:58	19°♝06'59	
direct	-2864 Jun 10 j 19:21	26°♗02'43			-2862 Dec 01 j 12:41	0°♞	
greatest brilliancy	-2864 Jun 25 j 05:49	29°♗39'24	-4.5m		-2862 Dec 25 j 14:14	0°♟	
	-2864 Jun 25 j 23:02	0°♘			-2861 Jan 18 j 20:28	0°♠	
morning max el	-2864 Jul 30 j 05:20	26°♘44'55	46°14'34		-2861 Feb 12 j 10:04	0°♑	
	-2864 Aug 02 j 12:11	0°♙		asc. node	-2861 Feb 25 j 11:00	15°♑42'15	
	-2864 Aug 30 j 09:05	0°♚			-2861 Mar 09 j 11:11	0°♒	
asc. node	-2864 Sep 09 j 16:34	11°♚52'50			-2861 Apr 04 j 06:23	0°♓	
	-2864 Sep 24 j 23:35	0°♛			-2861 May 01 j 09:38	0°♔	
	-2864 Oct 19 j 14:17	0°♜		evening max el	-2861 May 22 j 09:27	21°♔17'41	45°28'10
	-2864 Nov 12 j 18:49	0°♝			-2861 May 31 j 21:39	0°♕	
desc. node	-2864 Dec 06 j 20:44	0°♞		desc. node	-2861 Jun 17 j 04:37	12°♕37'01	
	-2864 Dec 30 j 10:28	29°♞18'51		greatest brilliancy	-2861 Jun 28 j 18:52	18°♕44'40	-4.5m
	-2864 Dec 30 j 23:44	0°♞		retrograde	-2861 Jul 10 j 06:36	21°♕05'16	
	-2863 Jan 24 j 04:52	0°♟		evening set	-2861 Jul 27 j 07:59	15°♕39'35	
morning set	-2863 Feb 03 j 15:14	12°♟53'38		inferior conj	-2861 Jul 31 j 07:59	13°♕16'47	-8°-14'-35
	-2863 Feb 17 j 11:59	0°♠		minimum elong	-2861 Jul 31 j 00:45	13°♕27'44	8°13'44
				min. Earth dist.	-2861 Jul 31 j 17:02	13°♕03'03	0.27763 AU
superior conj	-2863 Mar 13 j 23:22	0°♑08'12	-1°-14'-57	morning rise	-2861 Aug 03 j 17:18	11°♕14'41	
minimum elong	-2863 Mar 14 j 06:53	0°♑31'17	1°14'50	direct	-2861 Aug 21 j 11:00	5°♕19'23	
	-2863 Mar 13 j 20:42	0°♒		greatest brilliancy	-2861 Sep 04 j 15:40	8°♕57'05	-4.6m
max. Earth dist.	-2863 Mar 15 j 08:11	1°♑49'02	1.73447 AU		-2861 Oct 02 j 13:55	0°♓	
	-2863 Apr 07 j 06:48	0°♒		asc. node	-2861 Oct 08 j 04:08	5°♓26'42	
evening rise	-2863 Apr 19 j 19:02	15°♒20'34		morning max el	-2861 Oct 11 j 03:04	8°♓25'29	46°49'55

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2861 Oct 31 j 03:21	0° \mathbb{M}					-2858 Apr 16 j 21:28	0° \mathcal{B}			
	-2861 Nov 25 j 23:50	0° \mathcal{A}					-2858 May 11 j 23:32	0° \mathbb{I}			
	-2861 Dec 20 j 23:46	0° \mathbb{M}					-2858 Jun 06 j 12:39	0° \mathcal{E}			
	-2860 Jan 14 j 17:08	0° \mathcal{A}					-2858 Jul 02 j 21:07	0° \mathcal{Q}			
desc. node	-2860 Jan 27 j 22:21	16° \mathcal{A} 04'59				desc. node	-2858 Jul 14 j 16:18	12° \mathcal{Q} 55'41			
	-2860 Feb 08 j 08:46	0° \mathcal{Z}					-2858 Jul 31 j 00:50	0° \mathbb{M}			
	-2860 Mar 03 j 23:50	0° \approx				evening max el	-2858 Aug 03 j 22:08	3° \mathbb{M} 51'36	46°49'12		
	-2860 Mar 28 j 14:10	0° \mathcal{H}					-2858 Sep 04 j 21:53	0° \mathcal{A}			
morning set	-2860 Apr 14 j 09:48	20° \mathcal{H} 32'48				greatest brilliancy	-2858 Sep 12 j 10:20	3° \mathcal{A} 35'03	-4.7m		
	-2860 Apr 22 j 03:11	0° \mathcal{Y}				retrograde	-2858 Sep 23 j 00:03	5° \mathcal{A} 38'46			
	-2860 May 16 j 14:08	0° \mathcal{B}				evening set	-2858 Oct 08 j 16:12	0° \mathcal{A} 51'56			
max. Earth dist.	-2860 May 17 j 18:29	1° \mathcal{B} 27'08	1.73544 AU				-2858 Oct 10 j 04:24	30° \mathcal{R} \mathbb{M}			
asc. node	-2860 May 19 j 21:20	4° \mathcal{B} 03'30				inferior conj	-2858 Oct 13 j 12:52	27° \mathbb{M} 59'00	-5°-21'-6		
						minimum elong	-2858 Oct 13 j 23:04	27° \mathbb{M} 43'31	5°18'26		
superior conj	-2860 May 20 j 10:02	4° \mathcal{B} 42'34	0°01'16			min. Earth dist.	-2858 Oct 13 j 18:40	27° \mathbb{M} 50'11	0.26416 AU		
minimum elong	-2860 May 20 j 09:47	4° \mathcal{B} 41'49	0°01'18			morning rise	-2858 Oct 19 j 05:52	24° \mathbb{M} 38'44			
behind sun begin	-2860 May 19 j 11:46	3° \mathcal{B} 34'05				direct	-2858 Nov 02 j 20:58	20° \mathbb{M} 24'08			
behind sun end	-2860 May 21 j 07:48	5° \mathcal{B} 49'34				asc. node	-2858 Nov 04 j 15:43	20° \mathbb{M} 27'59			
	-2860 Jun 09 j 22:27	0° \mathbb{I}				greatest brilliancy	-2858 Nov 15 j 02:11	23° \mathbb{M} 12'42	-4.7m		
evening rise	-2860 Jun 25 j 01:21	18° \mathbb{I} 41'59					-2858 Nov 26 j 17:26	0° \mathcal{A}			
	-2860 Jul 04 j 04:16	0° \mathcal{E}				morning max el	-2858 Dec 23 j 08:31	23° \mathcal{A} 34'12	46°42'48		
	-2860 Jul 28 j 08:41	0° \mathcal{Q}					-2858 Dec 29 j 14:48	0° \mathbb{M}			
	-2860 Aug 21 j 13:26	0° \mathbb{M}					-2857 Jan 26 j 00:47	0° \mathcal{A}			
desc. node	-2860 Sep 08 j 14:18	22° \mathbb{M} 17'22					-2857 Feb 21 j 02:39	0° \mathcal{Z}			
	-2860 Sep 14 j 20:28	0° \mathcal{A}				desc. node	-2857 Feb 24 j 10:04	3° \mathcal{Z} 51'45			
	-2860 Oct 09 j 07:53	0° \mathbb{M}					-2857 Mar 18 j 15:02	0° \approx			
	-2860 Nov 03 j 03:33	0° \mathcal{A}					-2857 Apr 12 j 19:24	0° \mathcal{H}			
	-2860 Nov 28 j 17:09	0° \mathcal{Z}					-2857 May 07 j 17:24	0° \mathcal{Y}			
	-2860 Dec 26 j 04:49	0° \approx					-2857 Jun 01 j 09:16	0° \mathcal{B}			
evening max el	-2860 Dec 28 j 02:00	1° \approx 54'32	46°28'06			asc. node	-2857 Jun 17 j 09:21	19° \mathcal{B} 38'20			
asc. node	-2860 Dec 30 j 13:13	4° \approx 22'16				morning set	-2857 Jun 21 j 07:51	24° \mathcal{B} 29'34			
	-2859 Jan 31 j 18:05	0° \mathcal{H}					-2857 Jun 25 j 18:54	0° \mathbb{I}			
greatest brilliancy	-2859 Feb 01 j 04:47	0° \mathcal{H} 13'28	-4.6m				-2857 Jul 19 j 22:51	0° \mathcal{E}			
retrograde	-2859 Feb 16 j 03:08	4° \mathcal{H} 12'46				max. Earth dist.	-2857 Jul 23 j 15:32	4° \mathcal{E} 36'37	1.72099 AU		
	-2859 Mar 02 j 15:07	30° \mathcal{R} \approx									
evening set	-2859 Mar 05 j 15:38	28° \approx 14'40				superior conj	-2857 Jul 27 j 23:05	9° \mathcal{E} 59'54	1°16'31		
inferior conj	-2859 Mar 09 j 11:40	25° \approx 50'05	7°42'23			minimum elong	-2857 Jul 27 j 16:08	9° \mathcal{E} 38'10	1°16'28		
minimum elong	-2859 Mar 09 j 18:08	25° \approx 39'48	7°41'39				-2857 Aug 12 j 22:36	0° \mathcal{Q}			
min. Earth dist.	-2859 Mar 09 j 12:06	25° \approx 49'24	0.29157 AU			evening rise	-2857 Sep 03 j 19:52	27° \mathcal{Q} 27'52			
morning rise	-2859 Mar 13 j 20:49	23° \approx 06'12					-2857 Sep 05 j 20:21	0° \mathbb{M}			
direct	-2859 Mar 31 j 01:06	17° \approx 27'37					-2857 Sep 29 j 18:20	0° \mathcal{A}			
greatest brilliancy	-2859 Apr 12 j 11:56	20° \approx 12'59	-4.5m			desc. node	-2857 Oct 07 j 02:30	9° \mathcal{A} 11'25			
desc. node	-2859 Apr 21 j 07:09	24° \approx 49'11					-2857 Oct 23 j 18:09	0° \mathbb{M}			
	-2859 Apr 28 j 20:30	0° \mathcal{H}					-2857 Nov 16 j 21:14	0° \mathcal{A}			
morning max el	-2859 May 18 j 21:36	17° \mathcal{H} 17'01	45°47'55				-2857 Dec 11 j 05:50	0° \mathcal{Z}			
	-2859 May 31 j 16:55	0° \mathcal{Y}					-2856 Jan 05 j 00:50	0° \approx			
	-2859 Jun 28 j 09:29	0° \mathcal{B}				asc. node	-2856 Jan 28 j 00:58	26° \approx 59'04			
	-2859 Jul 24 j 07:25	0° \mathbb{I}					-2856 Jan 30 j 16:15	0° \mathcal{H}			
asc. node	-2859 Aug 12 j 06:55	22° \mathbb{I} 46'09					-2856 Feb 27 j 03:19	0° \mathcal{Y}			
	-2859 Aug 18 j 05:25	0° \mathcal{E}				evening max el	-2856 Mar 08 j 23:03	10° \mathcal{Y} 48'20	45°17'36		
	-2859 Sep 11 j 12:25	0° \mathcal{Q}					-2856 Mar 31 j 13:48	0° \mathcal{B}			
	-2859 Oct 05 j 11:03	0° \mathbb{M}				greatest brilliancy	-2856 Apr 12 j 04:36	6° \mathcal{B} 50'51	-4.5m		
	-2859 Oct 29 j 06:37	0° \mathcal{A}				retrograde	-2856 Apr 26 j 06:38	10° \mathcal{B} 18'00			
morning set	-2859 Nov 16 j 14:15	23° \mathcal{A} 03'52				evening set	-2856 May 11 j 08:25	5° \mathcal{B} 58'57			
	-2859 Nov 22 j 02:41	0° \mathbb{M}				inferior conj	-2856 May 17 j 17:44	2° \mathcal{B} 11'39	0°14'36		
desc. node	-2859 Dec 02 j 00:36	12° \mathbb{M} 26'35				minimum elong	-2856 May 17 j 18:16	2° \mathcal{B} 10'49	0°14'29		
	-2859 Dec 16 j 01:03	0° \mathcal{A}				transit middle	-2856 May 17 j 18:16	2° \mathcal{B} 10'49	0°14'29		
						transit begin	-2856 May 17 j 16:27	2° \mathcal{B} 13'39			
superior conj	-2859 Dec 28 j 17:41	15° \mathcal{A} 51'04	0°-56'-58			transit end	-2856 May 17 j 20:05	2° \mathcal{B} 07'59			
minimum elong	-2859 Dec 28 j 06:20	15° \mathcal{A} 15'40	0°56'40			min. Earth dist.	-2856 May 18 j 06:44	1° \mathcal{B} 51'25	0.28883 AU		
max. Earth dist.	-2858 Jan 02 j 05:25	21° \mathcal{A} 26'51	1.71933 AU			desc. node	-2856 May 18 j 18:54	1° \mathcal{B} 32'30			
	-2858 Jan 09 j 02:14	0° \mathcal{Z}					-2856 May 21 j 07:14	30° \mathcal{R} \mathcal{Y}			
	-2858 Feb 02 j 06:31	0° \approx				morning rise	-2856 May 24 j 03:29	28° \mathcal{Y} 21'35			
evening rise	-2858 Feb 06 j 21:39	5° \approx 43'36				direct	-2856 Jun 08 j 11:14	23° \mathcal{Y} 52'48			
	-2858 Feb 26 j 14:27	0° \mathcal{H}				greatest brilliancy	-2856 Jun 22 j 22:24	27° \mathcal{Y} 29'30	-4.5m		
	-2858 Mar 23 j 03:02	0° \mathcal{Y}					-2856 Jun 27 j 16:45	0° \mathcal{B}			
asc. node	-2858 Mar 24 j 23:08	2° \mathcal{Y} 14'13				morning max el	-2856 Jul 27 j 20:26	24° \mathcal{B} 29'46	46°13'13		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2856 Aug 02 j 09:03	0°II			-2853 Mar 08 j 23:44	0°Y		
	-2856 Aug 30 j 00:40	0°☿			-2853 Apr 03 j 20:23	0°8		
asc. node	-2856 Sep 08 j 18:44	11°☿16'28			-2853 May 01 j 03:04	0°II		
	-2856 Sep 24 j 13:14	0°Ω		evening max el	-2853 May 20 j 00:59	19°II05'02	45°26'16	
	-2856 Oct 19 j 02:59	0°♊			-2853 Jun 01 j 03:15	0°☿		
	-2856 Nov 12 j 06:58	0°♈		desc. node	-2853 Jun 16 j 06:39	11°☿17'15		
	-2856 Dec 06 j 08:32	0°♊		greatest brilliancy	-2853 Jun 26 j 05:13	16°☿23'17	-4.5m	
desc. node	-2856 Dec 29 j 12:33	28°♊49'32		retrograde	-2853 Jul 07 j 20:30	18°☿46'38		
	-2856 Dec 30 j 11:14	0°♊		evening set	-2853 Jul 24 j 17:59	13°☿26'07		
	-2855 Jan 23 j 16:08	0°☿		inferior conj	-2853 Jul 28 j 21:50	10°☿57'31	-8°-5'-39	
morning set	-2855 Feb 01 j 04:47	10°☿32'43		minimum elong	-2853 Jul 28 j 14:01	11°☿09'23	8°04'39	
	-2855 Feb 16 j 23:03	0°♊		min. Earth dist.	-2853 Jul 29 j 06:12	10°☿44'48	0.27810 AU	
				morning rise	-2853 Aug 01 j 09:51	8°☿51'24		
superior conj	-2855 Mar 11 j 16:21	27°♊59'09	-1°-16'-21	direct	-2853 Aug 19 j 02:15	2°☿59'31		
minimum elong	-2855 Mar 11 j 23:28	28°♊21'02	1°16'17	greatest brilliancy	-2853 Sep 02 j 06:28	6°☿37'04	-4.6m	
max. Earth dist.	-2855 Mar 13 j 02:13	29°♊43'15	1.73416 AU		-2853 Oct 02 j 15:40	0°Ω		
	-2855 Mar 13 j 07:40	0°♊		asc. node	-2853 Oct 07 j 06:20	4°Ω33'50		
	-2855 Apr 06 j 17:45	0°Y		morning max el	-2853 Oct 08 j 17:48	6°Ω03'41	46°49'06	
evening rise	-2855 Apr 17 j 13:45	13°Y17'04			-2853 Oct 30 j 20:36	0°♊		
asc. node	-2855 Apr 21 j 11:22	18°Y03'58			-2853 Nov 25 j 14:20	0°♈		
	-2855 May 01 j 05:07	0°8			-2853 Dec 20 j 12:55	0°♊		
	-2855 May 25 j 17:38	0°II			-2852 Jan 14 j 05:27	0°♊		
	-2855 Jun 19 j 07:47	0°☿		desc. node	-2852 Jan 27 j 00:20	15°♊34'27		
	-2855 Jul 14 j 01:02	0°Ω			-2852 Feb 07 j 20:31	0°☿		
	-2855 Aug 08 j 00:19	0°♊			-2852 Mar 03 j 11:10	0°♊		
desc. node	-2855 Aug 11 j 04:12	3°♊45'55			-2852 Mar 28 j 01:11	0°♊		
	-2855 Sep 02 j 10:50	0°♈		morning set	-2852 Apr 12 j 04:22	18°♊29'35		
	-2855 Sep 28 j 20:52	0°♊			-2852 Apr 21 j 14:00	0°Y		
evening max el	-2855 Oct 15 j 14:34	17°♊48'08	47°32'04	max. Earth dist.	-2852 May 15 j 17:35	29°Y37'34	1.73568 AU	
	-2855 Oct 28 j 03:09	0°♊			-2852 May 16 j 00:53	0°8		
greatest brilliancy	-2855 Nov 22 j 15:04	18°♊37'19	-4.7m					
asc. node	-2855 Dec 02 j 03:33	21°♊37'07		superior conj	-2852 May 18 j 05:07	2°840'35	0°-1'-48	
retrograde	-2855 Dec 05 j 18:30	21°♊53'10		minimum elong	-2852 May 18 j 05:27	2°841'36	0°01'45	
evening set	-2855 Dec 21 j 02:37	17°♊08'40		behind sun begin	-2852 May 17 j 07:27	1°833'59		
min. Earth dist.	-2855 Dec 25 j 13:25	14°♊27'01	0.27361 AU	behind sun end	-2852 May 19 j 03:26	3°849'13		
inferior conj	-2855 Dec 26 j 15:24	13°♊46'08	5°37'47	asc. node	-2852 May 18 j 23:27	3°837'00		
minimum elong	-2855 Dec 26 j 05:56	14°♊01'02	5°35'30		-2852 Jun 09 j 09:15	0°II		
morning rise	-2855 Dec 31 j 09:55	10°♊51'04		evening rise	-2852 Jun 22 j 20:19	16°II38'27		
direct	-2854 Jan 16 j 04:44	5°♊54'24			-2852 Jul 03 j 15:15	0°☿		
greatest brilliancy	-2854 Jan 26 j 19:57	7°♊59'38	-4.6m		-2852 Jul 27 j 19:56	0°Ω		
	-2854 Feb 27 j 08:53	0°☿			-2852 Aug 21 j 01:04	0°♊		
morning max el	-2854 Mar 06 j 08:30	6°☿33'08	46°04'32	desc. node	-2852 Sep 07 j 16:27	21°♊47'11		
desc. node	-2854 Mar 23 j 21:48	24°☿19'32			-2852 Sep 14 j 08:33	0°♈		
	-2854 Mar 29 j 06:04	0°♊			-2852 Oct 08 j 20:35	0°♊		
	-2854 Apr 25 j 08:45	0°♊			-2852 Nov 02 j 17:17	0°♊		
	-2854 May 21 j 08:05	0°Y			-2852 Nov 28 j 08:53	0°☿		
	-2854 Jun 15 j 14:41	0°8		evening max el	-2852 Dec 25 j 18:11	29°☿40'11	46°31'02	
	-2854 Jul 10 j 08:25	0°II			-2852 Dec 26 j 02:03	0°♊		
asc. node	-2854 Jul 14 j 21:12	5°II33'34		asc. node	-2852 Dec 29 j 15:13	3°♊31'20		
	-2854 Aug 03 j 15:44	0°☿		greatest brilliancy	-2851 Jan 29 j 23:28	28°♊05'34	-4.6m	
greatest brilliancy	-2854 Aug 27 j 04:19	29°☿25'05	-3.9m		-2851 Feb 03 j 08:23	0°♊		
	-2854 Aug 27 j 15:27	0°Ω		retrograde	-2851 Feb 13 j 20:09	2°♊02'43		
morning set	-2854 Aug 30 j 10:03	3°Ω29'16			-2851 Feb 23 j 19:59	30°♊		
	-2854 Sep 20 j 11:00	0°♊		evening set	-2851 Mar 03 j 10:13	26°♊02'06		
				inferior conj	-2851 Mar 07 j 04:22	23°♊40'04	7°49'37	
superior conj	-2854 Oct 08 j 22:59	23°♊20'31	0°55'24	minimum elong	-2851 Mar 07 j 10:18	23°♊30'35	7°49'00	
minimum elong	-2854 Oct 09 j 10:08	23°♊55'42	0°55'00	min. Earth dist.	-2851 Mar 07 j 03:31	23°♊41'24	0.29128 AU	
max. Earth dist.	-2854 Oct 10 j 05:43	24°♊57'27	1.70914 AU	morning rise	-2851 Mar 11 j 10:37	21°♊00'16		
	-2854 Oct 14 j 05:40	0°♈		direct	-2851 Mar 28 j 17:37	15°♊18'23		
desc. node	-2854 Nov 03 j 14:40	25°♈39'19		greatest brilliancy	-2851 Apr 10 j 00:13	17°♊59'32	-4.5m	
	-2854 Nov 07 j 01:38	0°♊		desc. node	-2851 Apr 20 j 09:16	23°♊33'55		
evening rise	-2854 Nov 20 j 04:55	16°♊29'14			-2851 Apr 29 j 07:58	0°♊		
	-2854 Dec 01 j 00:01	0°♊		morning max el	-2851 May 16 j 13:27	15°♊07'25	45°47'45	
	-2854 Dec 25 j 01:38	0°☿			-2851 May 31 j 11:03	0°Y		
	-2853 Jan 18 j 08:00	0°♊			-2851 Jun 27 j 23:43	0°8		
	-2853 Feb 11 j 21:55	0°♊			-2851 Jul 23 j 20:04	0°II		
asc. node	-2853 Feb 24 j 13:08	15°♊12'20		asc. node	-2851 Aug 11 j 09:05	22°II16'10		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2851 Aug 17 j 17:19	0°☿	evening max el	-2848 Mar 06 j 13:39	8°Υ35'01	45°19'00
	-2851 Sep 10 j 23:57	0°♌		-2848 Apr 01 j 10:06	0°♋	
	-2851 Oct 04 j 22:24	0°♍	greatest brilliancy	-2848 Apr 09 j 17:56	4°♋39'12	-4.5m
	-2851 Oct 28 j 17:51	0°♊	retrograde	-2848 Apr 23 j 22:48	8°♋10'07	
morning set	-2851 Nov 13 j 23:57	20°♊28'24	evening set	-2848 May 09 j 01:30	3°♋48'56	
	-2851 Nov 21 j 13:49	0°♋	inferior conj	-2848 May 15 j 09:56	0°♋02'54	0°34'12
desc. node	-2851 Dec 01 j 02:38	11°♋58'08	minimum elong	-2848 May 15 j 11:12	0°♋00'57	0°33'53
	-2851 Dec 15 j 12:06	0°♌		-2848 May 15 j 11:49	30°♋Υ	
			min. Earth dist.	-2848 May 15 j 23:21	29°Υ42'03	0.28913 AU
superior conj	-2851 Dec 26 j 04:00	13°♌19'09	desc. node	-2848 May 17 j 20:57	28°Υ31'32	
minimum elong	-2851 Dec 25 j 16:46	12°♌44'06	morning rise	-2848 May 21 j 20:14	26°Υ12'05	
max. Earth dist.	-2851 Dec 30 j 19:20	19°♌06'19	direct	-2848 Jun 06 j 03:16	21°Υ43'14	
	-2850 Jan 08 j 13:14	0°♍	greatest brilliancy	-2848 Jun 20 j 15:24	25°Υ20'56	-4.5m
	-2850 Feb 01 j 17:29	0°♎		-2848 Jun 28 j 21:11	0°♋	
evening rise	-2850 Feb 04 j 11:14	3°♎23'19	morning max el	-2848 Jul 25 j 12:26	22°♋18'01	46°12'06
	-2850 Feb 26 j 01:28	0°♏		-2848 Aug 02 j 04:53	0°♌	
	-2850 Mar 22 j 14:13	0°♐		-2848 Aug 29 j 15:39	0°☿	
asc. node	-2850 Mar 24 j 01:21	1°Υ46'52	asc. node	-2848 Sep 07 j 20:54	10°☿41'32	
	-2850 Apr 16 j 09:02	0°♋		-2848 Sep 24 j 02:22	0°♌	
	-2850 May 11 j 11:48	0°♌		-2848 Oct 18 j 15:13	0°♍	
	-2850 Jun 06 j 02:14	0°☿		-2848 Nov 11 j 18:44	0°♊	
	-2850 Jul 02 j 13:15	0°♌		-2848 Dec 05 j 20:00	0°♋	
desc. node	-2850 Jul 13 j 18:19	12°♌12'46	desc. node	-2848 Dec 28 j 14:34	28°♋20'50	
	-2850 Jul 30 j 23:30	0°♍		-2848 Dec 29 j 22:29	0°♌	
evening max el	-2850 Aug 01 j 10:25	1°♍25'55		-2847 Jan 23 j 03:10	0°♋	
	-2850 Sep 07 j 06:11	0°♊	morning set	-2847 Jan 29 j 17:35	8°♋09'58	
greatest brilliancy	-2850 Sep 10 j 00:35	1°♊08'05		-2847 Feb 16 j 09:54	0°♎	
retrograde	-2850 Sep 20 j 11:08	3°♊08'56				
	-2850 Oct 03 j 01:29	30°♋♍	superior conj	-2847 Mar 09 j 08:40	25°♎48'39	-1°-17'-41
evening set	-2850 Oct 06 j 07:21	28°♍18'00	minimum elong	-2847 Mar 09 j 15:21	26°♎09'12	1°17'38
inferior conj	-2850 Oct 11 j 00:52	25°♍29'43	max. Earth dist.	-2847 Mar 10 j 20:00	27°♎37'19	1.73381 AU
minimum elong	-2850 Oct 11 j 11:20	25°♍13'47		-2847 Mar 12 j 18:24	0°♏	
min. Earth dist.	-2850 Oct 11 j 08:10	25°♍18'36		-2847 Apr 06 j 04:29	0°♐	
morning rise	-2850 Oct 16 j 15:08	22°♍12'46	evening rise	-2847 Apr 15 j 08:00	11°Υ13'00	
direct	-2850 Oct 31 j 08:48	17°♍54'18	asc. node	-2847 Apr 20 j 13:24	17°Υ37'11	
asc. node	-2850 Nov 03 j 17:52	18°♍07'59		-2847 Apr 30 j 15:58	0°♋	
greatest brilliancy	-2850 Nov 12 j 17:01	20°♍45'24		-2847 May 25 j 04:46	0°♌	
	-2850 Nov 27 j 14:50	0°♊		-2847 Jun 18 j 19:19	0°☿	
morning max el	-2850 Dec 20 j 20:42	21°♊05'18		-2847 Jul 13 j 13:13	0°♌	
	-2850 Dec 29 j 11:25	0°♋		-2847 Aug 07 j 13:28	0°♍	
	-2849 Jan 25 j 16:26	0°♌	desc. node	-2847 Aug 10 j 06:25	3°♍13'01	
	-2849 Feb 20 j 16:10	0°♋		-2847 Sep 02 j 01:38	0°♊	
desc. node	-2849 Feb 23 j 12:17	3°♋19'17		-2847 Sep 28 j 15:05	0°♋	
	-2849 Mar 18 j 03:21	0°♎	evening max el	-2847 Oct 13 j 05:34	15°♋27'09	47°32'32
	-2849 Apr 12 j 07:00	0°♏		-2847 Oct 28 j 08:50	0°♌	
	-2849 May 07 j 04:32	0°♐	greatest brilliancy	-2847 Nov 20 j 06:23	16°♌14'50	-4.7m
	-2849 May 31 j 20:08	0°♋	asc. node	-2847 Dec 01 j 05:31	19°♌24'24	
asc. node	-2849 Jun 16 j 11:23	19°♋11'22	retrograde	-2847 Dec 03 j 09:29	19°♌30'12	
morning set	-2849 Jun 19 j 01:54	22°♋24'00	evening set	-2847 Dec 18 j 14:19	14°♌49'27	
	-2849 Jun 25 j 05:39	0°♌	min. Earth dist.	-2847 Dec 23 j 03:28	12°♌04'49	0.27292 AU
	-2849 Jul 19 j 09:35	0°☿	inferior conj	-2847 Dec 24 j 05:31	11°♌23'58	5°21'04
max. Earth dist.	-2849 Jul 21 j 08:41	2°☿26'50	minimum elong	-2847 Dec 23 j 20:11	11°♌38'36	5°18'44
			morning rise	-2847 Dec 29 j 02:46	8°♌25'32	
superior conj	-2849 Jul 25 j 15:56	7°☿49'02	direct	-2846 Jan 13 j 18:19	3°♌33'15	
minimum elong	-2849 Jul 25 j 08:34	7°☿26'02	greatest brilliancy	-2846 Jan 24 j 09:37	5°♌39'14	-4.6m
	-2849 Aug 12 j 09:25	0°♌		-2846 Feb 27 j 10:40	0°♋	
evening rise	-2849 Sep 01 j 09:11	25°♌04'43	morning max el	-2846 Mar 03 j 23:56	4°♋19'10	46°05'42
	-2849 Sep 05 j 07:19	0°♍	desc. node	-2846 Mar 22 j 23:53	23°♋38'14	
	-2849 Sep 29 j 05:30	0°♊		-2846 Mar 28 j 22:48	0°♎	
desc. node	-2849 Oct 06 j 04:39	8°♊42'57		-2846 Apr 24 j 22:31	0°♏	
	-2849 Oct 23 j 05:35	0°♋		-2846 May 20 j 20:28	0°♐	
	-2849 Nov 16 j 08:57	0°♌		-2846 Jun 15 j 02:19	0°♋	
	-2849 Dec 10 j 17:58	0°♋		-2846 Jul 09 j 19:39	0°♌	
	-2848 Jan 04 j 13:43	0°♎	asc. node	-2846 Jul 13 j 23:18	5°♌05'39	
asc. node	-2848 Jan 27 j 03:09	26°♎24'30		-2846 Aug 03 j 02:46	0°☿	
	-2848 Jan 30 j 06:45	0°♏		-2846 Aug 27 j 02:24	0°♌	
	-2848 Feb 26 j 22:09	0°♐	greatest brilliancy	-2846 Aug 27 j 15:49	0°♌42'06	-3.9m

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2846 Aug 27 j 23:57	1°07'39		inferior conj	-2843 Mar 04 j 21:17	21°≈30'51	7°56'12
	-2846 Sep 19 j 21:58	0°		minimum elong	-2843 Mar 05 j 02:39	21°≈22'15	7°55'41
				min. Earth dist.	-2843 Mar 04 j 19:23	21°≈33'53	0.29100 AU
superior conj	-2846 Oct 06 j 09:41	20°04'13	0°58'16	morning rise	-2843 Mar 09 j 00:43	18°≈54'57	
minimum elong	-2846 Oct 06 j 20:53	21°04'33	0°57'53	direct	-2843 Mar 26 j 09:58	13°≈09'49	
max. Earth dist.	-2846 Oct 07 j 13:29	22°04'15	1.70913 AU	greatest brilliancy	-2843 Apr 07 j 13:31	15°≈47'30	-4.5m
	-2846 Oct 13 j 16:40	0°		desc. node	-2843 Apr 19 j 11:20	22°≈20'56	
desc. node	-2846 Nov 02 j 16:42	25°04'11	0°4		-2843 Apr 29 j 16:23	0°	
	-2846 Nov 06 j 12:39	0°		morning max el	-2843 May 14 j 04:42	12°≈56'11	45°47'27
evening rise	-2846 Nov 17 j 14:11	13°04'53	17		-2843 May 31 j 04:50	0°	
	-2846 Nov 30 j 11:04	0°			-2843 Jun 27 j 13:57	0°	
	-2846 Dec 24 j 12:47	0°			-2843 Jul 23 j 08:47	0°	
	-2845 Jan 17 j 19:21	0°		asc. node	-2843 Aug 10 j 11:17	21°≈45'56	
	-2845 Feb 11 j 09:40	0°			-2843 Aug 17 j 05:18	0°	
asc. node	-2845 Feb 23 j 15:16	14°≈42'44			-2843 Sep 10 j 11:34	0°	
	-2845 Mar 08 j 12:15	0°			-2843 Oct 04 j 09:50	0°	
	-2845 Apr 03 j 10:29	0°			-2843 Oct 28 j 05:10	0°	
	-2845 Apr 30 j 20:51	0°		morning set	-2843 Nov 11 j 09:38	17°≈52'21	
evening max el	-2845 May 17 j 16:22	16°≈52'10	45°24'27		-2843 Nov 21 j 01:04	0°	
	-2845 Jun 01 j 11:05	0°		desc. node	-2843 Nov 30 j 04:40	11°≈29'20	
desc. node	-2845 Jun 15 j 08:41	9°≈54'54			-2843 Dec 14 j 23:16	0°	
greatest brilliancy	-2845 Jun 23 j 16:32	14°≈03'12	-4.5m				
retrograde	-2845 Jul 05 j 09:52	16°≈28'03		superior conj	-2843 Dec 23 j 14:23	10°≈47'04	0°-51'-3
evening set	-2845 Jul 22 j 03:55	11°≈13'00		minimum elong	-2843 Dec 23 j 03:21	10°≈12'37	0°50'43
inferior conj	-2845 Jul 26 j 11:38	8°≈38'30	-7°-56'-2	max. Earth dist.	-2843 Dec 28 j 06:57	16°≈38'15	1.71812 AU
minimum elong	-2845 Jul 26 j 03:17	8°≈51'13	7°54'52		-2842 Jan 08 j 00:19	0°	
min. Earth dist.	-2845 Jul 26 j 19:32	8°≈26'27	0.27853 AU		-2842 Feb 01 j 04:31	0°	
morning rise	-2845 Jul 30 j 02:25	6°≈28'04		evening rise	-2842 Feb 02 j 00:54	1°≈03'05	
direct	-2845 Aug 16 j 17:12	0°≈39'53			-2842 Feb 25 j 12:31	0°	
greatest brilliancy	-2845 Aug 30 j 20:42	4°≈16'22	-4.6m		-2842 Mar 22 j 01:27	0°	
	-2845 Oct 02 j 16:07	0°		asc. node	-2842 Mar 23 j 03:23	1°≈18'50	
asc. node	-2845 Oct 06 j 08:22	3°≈41'40			-2842 Apr 15 j 20:43	0°	
morning max el	-2845 Oct 06 j 07:39	3°≈39'50	46°48'23		-2842 May 11 j 00:18	0°	
	-2845 Oct 30 j 13:25	0°			-2842 Jun 05 j 16:10	0°	
	-2845 Nov 25 j 04:33	0°			-2842 Jul 02 j 05:57	0°	
	-2845 Dec 20 j 01:48	0°		desc. node	-2842 Jul 12 j 20:33	11°≈29'05	
	-2844 Jan 13 j 17:32	0°		evening max el	-2842 Jul 29 j 22:01	28°≈57'59	46°43'01
desc. node	-2844 Jan 26 j 02:33	15°≈05'15			-2842 Jul 30 j 23:28	0°	
	-2844 Feb 07 j 08:04	0°		greatest brilliancy	-2842 Sep 07 j 14:13	28°≈39'45	-4.6m
	-2844 Mar 02 j 22:21	0°			-2842 Sep 12 j 03:11	0°	
	-2844 Mar 27 j 12:09	0°		retrograde	-2842 Sep 17 j 22:12	0°≈38'40	
morning set	-2844 Apr 09 j 22:43	16°≈25'46			-2842 Sep 23 j 14:00	30°≈04'07	
	-2844 Apr 21 j 00:49	0°		evening set	-2842 Oct 03 j 22:29	25°≈43'07	
max. Earth dist.	-2844 May 13 j 14:33	27°≈41'29	1.73592 AU	inferior conj	-2842 Oct 08 j 12:49	22°≈59'43	-5°-59'-6
	-2844 May 15 j 11:38	0°		minimum elong	-2842 Oct 08 j 23:28	22°≈43'31	5°56'32
				min. Earth dist.	-2842 Oct 08 j 21:33	22°≈46'27	0.26473 AU
superior conj	-2844 May 15 j 23:54	0°≈37'42	0°-4'-53	morning rise	-2842 Oct 14 j 00:11	19°≈00'11	
minimum elong	-2844 May 16 j 00:51	0°≈40'38	0°04'49	direct	-2842 Oct 28 j 20:38	15°≈23'31	
behind sun begin	-2844 May 15 j 03:37	29°≈35'23		asc. node	-2842 Nov 02 j 19:55	15°≈52'51	
behind sun end	-2844 May 16 j 22:04	1°≈45'53		greatest brilliancy	-2842 Nov 10 j 08:34	18°≈18'24	-4.7m
asc. node	-2844 May 18 j 01:28	3°≈10'07			-2842 Nov 28 j 07:06	0°	
	-2844 Jun 08 j 20:03	0°		morning max el	-2842 Dec 18 j 09:27	18°≈37'02	46°45'02
evening rise	-2844 Jun 20 j 15:02	14°≈34'08			-2842 Dec 29 j 07:38	0°	
	-2844 Jul 03 j 02:14	0°			-2841 Jan 25 j 08:04	0°	
	-2844 Jul 27 j 07:13	0°			-2841 Feb 20 j 05:45	0°	
	-2844 Aug 20 j 12:45	0°		desc. node	-2841 Feb 22 j 14:20	2°≈45'56	
desc. node	-2844 Sep 06 j 18:32	21°≈16'40			-2841 Mar 17 j 15:46	0°	
	-2844 Sep 13 j 20:43	0°			-2841 Apr 11 j 18:41	0°	
	-2844 Oct 08 j 09:24	0°			-2841 May 06 j 15:48	0°	
	-2844 Nov 02 j 07:07	0°			-2841 May 31 j 07:10	0°	
	-2844 Nov 28 j 00:47	0°		asc. node	-2841 Jun 15 j 13:32	18°≈44'11	
evening max el	-2844 Dec 23 j 09:39	27°≈24'14	46°34'04	morning set	-2841 Jun 16 j 20:06	20°≈18'19	
	-2844 Dec 25 j 23:55	0°			-2841 Jun 24 j 16:37	0°	
asc. node	-2844 Dec 28 j 17:25	2°≈40'25			-2841 Jul 18 j 20:36	0°	
greatest brilliancy	-2843 Jan 27 j 18:05	25°≈58'02	-4.6m	max. Earth dist.	-2841 Jul 19 j 02:46	0°≈19'13	1.72225 AU
retrograde	-2843 Feb 11 j 12:49	29°≈53'25					
evening set	-2843 Mar 01 j 04:49	23°≈50'32		superior conj	-2841 Jul 23 j 08:46	5°≈37'19	1°13'32

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2841 Jul 23 j 01:03	5°☿13'14	1°13'26	greatest brilliancy	-2838 Jan 21 j 22:18	3°♂16'04	-4.6m
	-2841 Aug 11 j 20:32	0°♂			-2838 Feb 27 j 11:37	0°♂	
evening rise	-2841 Aug 29 j 22:31	22°♂40'41		morning max el	-2838 Mar 01 j 15:05	2°♂03'24	46°06'54
	-2841 Sep 04 j 18:36	0°♂		desc. node	-2838 Mar 22 j 01:56	22°♂56'19	
	-2841 Sep 28 j 16:58	0°♂			-2838 Mar 28 j 15:34	0°♂	
desc. node	-2841 Oct 05 j 06:38	8°♂13'04			-2838 Apr 24 j 12:28	0°♂	
	-2841 Oct 22 j 17:18	0°♂			-2838 May 20 j 09:03	0°♂	
	-2841 Nov 15 j 20:58	0°♂			-2838 Jun 14 j 14:09	0°♂	
	-2841 Dec 10 j 06:25	0°♂			-2838 Jul 09 j 07:05	0°♂	
	-2840 Jan 04 j 02:57	0°♂		asc. node	-2838 Jul 13 j 01:31	4°♂37'29	
asc. node	-2840 Jan 26 j 05:18	25°♂48'51			-2838 Aug 02 j 14:00	0°♂	
	-2840 Jan 29 j 21:41	0°♂		morning set	-2838 Aug 25 j 14:14	28°♂46'36	
	-2840 Feb 26 j 17:46	0°♂			-2838 Aug 26 j 13:36	0°♂	
evening max el	-2840 Mar 04 j 05:14	6°♂23'36	45°20'40		-2838 Sep 19 j 09:14	0°♂	
	-2840 Apr 02 j 14:09	0°♂					
greatest brilliancy	-2840 Apr 07 j 07:40	2°♂28'11	-4.5m	superior conj	-2838 Oct 03 j 20:33	18°♂15'25	1°01'00
retrograde	-2840 Apr 21 j 15:44	6°♂02'41		minimum elong	-2838 Oct 04 j 07:41	18°♂50'33	1°00'39
evening set	-2840 May 06 j 19:06	1°♂39'18		max. Earth dist.	-2838 Oct 04 j 17:56	19°♂22'52	1.70924 AU
	-2840 May 09 j 16:33	30°♂♂			-2838 Oct 13 j 04:00	0°♂	
inferior conj	-2840 May 13 j 02:28	27°♂54'31	0°53'28	desc. node	-2838 Nov 01 j 18:48	24°♂41'51	
minimum elong	-2840 May 13 j 04:25	27°♂51'29	0°52'58		-2838 Nov 06 j 00:04	0°♂	
min. Earth dist.	-2840 May 13 j 15:51	27°♂33'42	0.28944 AU	evening rise	-2838 Nov 14 j 22:54	11°♂14'15	
desc. node	-2840 May 16 j 23:00	25°♂32'33			-2838 Nov 29 j 22:32	0°♂	
morning rise	-2840 May 19 j 13:11	24°♂03'19			-2838 Dec 24 j 00:20	0°♂	
direct	-2840 Jun 03 j 20:07	19°♂34'14			-2837 Jan 17 j 07:05	0°♂	
greatest brilliancy	-2840 Jun 18 j 08:16	23°♂12'26	-4.5m		-2837 Feb 10 j 21:47	0°♂	
	-2840 Jun 29 j 17:57	0°♂		asc. node	-2837 Feb 22 j 17:18	14°♂11'43	
morning max el	-2840 Jul 23 j 05:14	20°♂07'48	46°10'40		-2837 Mar 08 j 01:09	0°♂	
	-2840 Aug 02 j 00:25	0°♂			-2837 Apr 03 j 01:01	0°♂	
	-2840 Aug 29 j 06:47	0°♂			-2837 Apr 30 j 15:18	0°♂	
asc. node	-2840 Sep 06 j 22:55	10°♂05'14		evening max el	-2837 May 15 j 07:21	14°♂37'54	45°22'49
	-2840 Sep 23 j 15:48	0°♂			-2837 Jun 01 j 21:50	0°♂	
	-2840 Oct 18 j 03:49	0°♂		desc. node	-2837 Jun 14 j 10:57	8°♂30'10	
	-2840 Nov 11 j 06:50	0°♂		greatest brilliancy	-2837 Jun 21 j 05:09	11°♂44'55	-4.5m
	-2840 Dec 05 j 07:48	0°♂		retrograde	-2837 Jul 02 j 23:13	14°♂10'29	
desc. node	-2840 Dec 27 j 16:46	27°♂51'45		evening set	-2837 Jul 19 j 14:20	9°♂00'51	
	-2840 Dec 29 j 10:02	0°♂		inferior conj	-2837 Jul 24 j 01:53	6°♂20'39	-7°-45'-47
	-2839 Jan 22 j 14:30	0°♂		minimum elong	-2837 Jul 23 j 17:03	6°♂34'07	7°44'27
morning set	-2839 Jan 27 j 06:14	5°♂45'45		min. Earth dist.	-2837 Jul 24 j 09:38	6°♂08'49	0.27895 AU
	-2839 Feb 15 j 21:04	0°♂		morning rise	-2837 Jul 27 j 19:31	4°♂05'44	
					-2837 Aug 05 j 05:41	30°♂♂	
superior conj	-2839 Mar 07 j 01:01	23°♂37'11	-1°-18'-54	direct	-2837 Aug 14 j 08:02	28°♂21'24	
minimum elong	-2839 Mar 07 j 07:12	23°♂56'13	1°18'52		-2837 Aug 23 j 17:17	0°♂	
max. Earth dist.	-2839 Mar 08 j 15:05	25°♂34'20	1.73344 AU	greatest brilliancy	-2837 Aug 28 j 11:22	1°♂56'49	-4.6m
	-2839 Mar 12 j 05:27	0°♂			-2837 Oct 02 j 15:32	0°♂	
	-2839 Apr 05 j 15:31	0°♂		morning max el	-2837 Oct 03 j 20:37	1°♂13'37	46°47'22
evening rise	-2839 Apr 13 j 02:31	9°♂08'48		asc. node	-2837 Oct 05 j 10:32	2°♂50'31	
asc. node	-2839 Apr 19 j 15:29	17°♂09'42			-2837 Oct 30 j 06:08	0°♂	
	-2839 Apr 30 j 03:06	0°♂			-2837 Nov 24 j 18:54	0°♂	
	-2839 May 24 j 16:08	0°♂			-2837 Dec 19 j 14:58	0°♂	
	-2839 Jun 18 j 07:08	0°♂			-2836 Jan 13 j 05:56	0°♂	
	-2839 Jul 13 j 01:44	0°♂			-2836 Jan 25 j 04:38	14°♂34'34	
	-2839 Aug 07 j 03:05	0°♂		desc. node	-2836 Feb 06 j 19:55	0°♂	
desc. node	-2839 Aug 09 j 08:27	2°♂38'17			-2836 Mar 02 j 09:48	0°♂	
	-2839 Sep 01 j 17:05	0°♂			-2836 Mar 26 j 23:19	0°♂	
	-2839 Sep 28 j 10:19	0°♂		morning set	-2836 Apr 07 j 16:49	14°♂20'33	
evening max el	-2839 Oct 10 j 21:23	13°♂06'42	47°32'48		-2836 Apr 20 j 11:49	0°♂	
	-2839 Oct 28 j 17:35	0°♂		max. Earth dist.	-2836 May 11 j 10:16	25°♂40'59	1.73612 AU
greatest brilliancy	-2839 Nov 17 j 22:08	13°♂51'04	-4.7m				
asc. node	-2839 Nov 30 j 07:43	17°♂04'23		superior conj	-2836 May 13 j 18:47	28°♂34'38	0°-7'-55
retrograde	-2839 Dec 01 j 00:31	17°♂05'00		minimum elong	-2836 May 13 j 20:21	28°♂39'25	0°07'50
evening set	-2839 Dec 16 j 02:01	12°♂28'08		behind sun begin	-2836 May 13 j 00:55	27°♂39'44	
min. Earth dist.	-2839 Dec 20 j 17:16	9°♂40'38	0.27218 AU	behind sun end	-2836 May 14 j 15:46	29°♂39'06	
inferior conj	-2839 Dec 21 j 19:24	8°♂59'45	5°03'34		-2836 May 14 j 22:34	0°♂	
minimum elong	-2839 Dec 21 j 10:17	9°♂14'00	5°01'12	asc. node	-2836 May 17 j 03:40	2°♂43'11	
morning rise	-2839 Dec 26 j 19:22	5°♂57'57			-2836 Jun 08 j 07:03	0°♂	
direct	-2838 Jan 11 j 08:03	1°♂10'22		evening rise	-2836 Jun 18 j 10:05	12°♂30'27	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2836 Jul 02 j 13:23	0°☿		desc. node	-2833 Feb 21 j 16:22	2°☿12'59	
	-2836 Jul 26 j 18:38	0°♈			-2833 Mar 17 j 04:04	0°♈	
	-2836 Aug 20 j 00:30	0°♉			-2833 Apr 11 j 06:19	0°♉	
desc. node	-2836 Sep 05 j 20:34	20°♊45'49			-2833 May 06 j 03:00	0°♊	
	-2836 Sep 13 j 08:57	0°♋			-2833 May 30 j 18:07	0°♋	
	-2836 Oct 07 j 22:20	0°♌		morning set	-2833 Jun 14 j 14:09	18°♌12'35	
	-2836 Nov 01 j 21:12	0°♍		asc. node	-2833 Jun 14 j 15:40	18°♍17'14	
	-2836 Nov 27 j 17:12	0°♎			-2833 Jun 24 j 03:29	0°♎	
evening max el	-2836 Dec 21 j 00:09	25°☿04'32	46°36'54	max. Earth dist.	-2833 Jul 16 j 20:57	28°♏12'24	1.72285 AU
	-2836 Dec 25 j 23:07	0°♐			-2833 Jul 18 j 07:29	0°☿	
asc. node	-2836 Dec 27 j 19:34	1°♑47'17					
greatest brilliancy	-2835 Jan 25 j 12:14	23°♑48'04	-4.6m	superior conj	-2833 Jul 21 j 01:33	3°☿25'58	1°11'53
retrograde	-2835 Feb 09 j 05:05	27°♑42'19		minimum elong	-2833 Jul 20 j 17:31	3°☿00'55	1°11'46
evening set	-2835 Feb 26 j 22:56	21°♑37'19			-2833 Aug 11 j 07:31	0°♈	
inferior conj	-2835 Mar 02 j 13:56	19°♑19'53	8°02'07	evening rise	-2833 Aug 27 j 12:05	20°♈17'56	
minimum elong	-2835 Mar 02 j 18:43	19°♑12'14	8°01'42		-2833 Sep 04 j 05:44	0°♉	
min. Earth dist.	-2835 Mar 02 j 11:12	19°♑24'15	0.29068 AU		-2833 Sep 28 j 04:18	0°♋	
morning rise	-2835 Mar 06 j 14:40	16°♑47'51		desc. node	-2833 Oct 04 j 08:47	7°♋44'18	
direct	-2835 Mar 24 j 01:34	10°♑59'27			-2833 Oct 22 j 04:50	0°♌	
greatest brilliancy	-2835 Apr 05 j 03:35	13°♑35'04	-4.5m		-2833 Nov 15 j 08:46	0°♍	
desc. node	-2835 Apr 18 j 13:28	21°♑09'08			-2833 Dec 09 j 18:38	0°☿	
	-2835 Apr 29 j 22:47	0°♊			-2832 Jan 03 j 15:59	0°♋	
morning max el	-2835 May 11 j 19:32	10°♊43'16	45°47'23	asc. node	-2832 Jan 25 j 07:18	25°♋13'12	
	-2835 May 30 j 22:24	0°♊			-2832 Jan 29 j 12:34	0°♋	
	-2835 Jun 27 j 04:07	0°♋			-2832 Feb 26 j 13:49	0°♊	
asc. node	-2835 Jul 22 j 21:29	0°♌		evening max el	-2832 Mar 01 j 21:28	4°♊14'08	45°22'08
	-2835 Aug 09 j 13:14	21°♌14'56			-2832 Apr 04 j 06:53	0°♋	
	-2835 Aug 16 j 17:16	0°☿		greatest brilliancy	-2832 Apr 04 j 22:24	0°♋18'25	-4.5m
	-2835 Sep 09 j 23:10	0°♈		retrograde	-2832 Apr 19 j 08:33	3°♋54'45	
	-2835 Oct 03 j 21:13	0°♉			-2832 May 03 j 13:40	30°♋♊	
	-2835 Oct 27 j 16:26	0°♋		evening set	-2832 May 04 j 12:39	29°♊29'20	
morning set	-2835 Nov 08 j 19:45	15°♋17'44		inferior conj	-2832 May 10 j 18:46	25°♊45'46	1°12'54
	-2835 Nov 20 j 12:16	0°♌		minimum elong	-2832 May 10 j 21:24	25°♊41'39	1°12'10
desc. node	-2835 Nov 29 j 06:52	11°♌01'08		min. Earth dist.	-2832 May 11 j 07:55	25°♊25'18	0.28973 AU
	-2835 Dec 14 j 10:25	0°♍		desc. node	-2832 May 16 j 01:12	22°♊34'17	
				morning rise	-2832 May 17 j 05:44	21°♊54'21	
superior conj	-2835 Dec 21 j 00:38	8°♍14'25	0°-47'-54	direct	-2832 Jun 01 j 13:06	17°♊25'06	
minimum elong	-2835 Dec 20 j 13:53	7°♍40'52	0°47'34	greatest brilliancy	-2832 Jun 16 j 00:10	21°♊02'45	-4.5m
max. Earth dist.	-2835 Dec 25 j 15:54	14°♍01'41	1.71758 AU		-2832 Jun 30 j 09:21	0°♋	
	-2834 Jan 07 j 11:27	0°☿		morning max el	-2832 Jul 20 j 21:52	17°♋57'47	46°09'19
evening rise	-2834 Jan 30 j 14:04	28°☿40'55			-2832 Aug 01 j 19:14	0°♌	
	-2834 Jan 31 j 15:38	0°♋			-2832 Aug 28 j 21:30	0°☿	
	-2834 Feb 24 j 23:41	0°♊		asc. node	-2832 Sep 06 j 01:05	9°☿30'24	
	-2834 Mar 21 j 12:49	0°♊			-2832 Sep 23 j 04:52	0°♈	
asc. node	-2834 Mar 22 j 05:28	0°♊50'35			-2832 Oct 17 j 16:04	0°♉	
	-2834 Apr 15 j 08:32	0°♋			-2832 Nov 10 j 18:38	0°♋	
	-2834 May 10 j 12:56	0°♌			-2832 Dec 04 j 19:17	0°♌	
	-2834 Jun 05 j 06:15	0°☿		desc. node	-2832 Dec 26 j 18:48	27°♌23'10	
	-2834 Jul 01 j 22:57	0°♈			-2832 Dec 28 j 21:15	0°♍	
desc. node	-2834 Jul 11 j 22:36	10°♈44'24			-2831 Jan 22 j 01:28	0°☿	
evening max el	-2834 Jul 27 j 09:59	26°♈31'24	46°40'06	morning set	-2831 Jan 24 j 19:05	3°☿23'04	
	-2834 Jul 31 j 00:29	0°♉			-2831 Feb 15 j 07:51	0°♋	
greatest brilliancy	-2834 Sep 05 j 03:00	26°♉11'25	-4.6m				
retrograde	-2834 Sep 15 j 10:01	28°♉09'45		superior conj	-2831 Mar 04 j 17:22	21°♋26'40	-1°-19'-59
evening set	-2834 Oct 01 j 13:51	23°♉09'10		minimum elong	-2831 Mar 04 j 23:00	21°♋44'01	1°19'59
inferior conj	-2834 Oct 06 j 00:55	20°♉30'47	-6°-16'-57	max. Earth dist.	-2831 Mar 06 j 12:15	23°♋38'43	1.73310 AU
minimum elong	-2834 Oct 06 j 11:42	20°♉14'26	6°14'27		-2831 Mar 11 j 16:10	0°♊	
min. Earth dist.	-2834 Oct 06 j 10:40	20°♉16'00	0.26503 AU		-2831 Apr 05 j 02:16	0°♋	
morning rise	-2834 Oct 11 j 09:15	17°♉22'15		evening rise	-2831 Apr 10 j 20:54	7°♋05'04	
direct	-2834 Oct 26 j 08:57	12°♉53'54		asc. node	-2831 Apr 18 j 17:42	16°♋43'24	
asc. node	-2834 Nov 01 j 22:05	13°♉44'24			-2831 Apr 29 j 13:59	0°♋	
greatest brilliancy	-2834 Nov 07 j 23:54	15°♉52'22	-4.7m		-2831 May 24 j 03:17	0°♌	
	-2834 Nov 28 j 18:53	0°♋			-2831 Jun 17 j 18:44	0°☿	
morning max el	-2834 Dec 15 j 23:10	16°♋11'57	46°46'04		-2831 Jul 12 j 14:02	0°♈	
	-2834 Dec 29 j 02:59	0°♌			-2831 Aug 06 j 16:30	0°♉	
	-2833 Jan 24 j 23:18	0°♍		desc. node	-2831 Aug 08 j 10:29	2°♉04'16	
	-2833 Feb 19 j 19:06	0°☿			-2831 Sep 01 j 08:24	0°♋	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2831 Sep 28 j 05:41	0°♌				-2828 Mar 01 j 20:56	0°♏		
evening max el	-2831 Oct 08 j 13:19	10°♌47'35	47°32'55			-2828 Mar 26 j 10:10	0°♏		
	-2831 Oct 29 j 04:46	0°♏		morning set		-2828 Apr 05 j 11:04	12°♏16'41		
greatest brilliancy	-2831 Nov 15 j 14:45	11°♏29'23	-4.7m			-2828 Apr 19 j 22:29	0°♏		
retrograde	-2831 Nov 28 j 15:20	14°♏40'26		max. Earth dist.		-2828 May 09 j 06:43	23°♏43'50	1.73633 AU	
asc. node	-2831 Nov 29 j 09:53	14°♏39'41							
evening set	-2831 Dec 13 j 13:53	10°♏07'36		superior conj		-2828 May 11 j 13:55	26°♏33'21	0°-10'-57	
min. Earth dist.	-2831 Dec 18 j 07:15	7°♏17'04	0.27142 AU	minimum elong		-2828 May 11 j 16:04	26°♏39'56	0°10'49	
inferior conj	-2831 Dec 19 j 09:14	6°♏36'24	4°45'19	behind sun begin		-2828 May 10 j 23:44	25°♏49'46		
minimum elong	-2831 Dec 19 j 00:25	6°♏50'12	4°42'58	behind sun end		-2828 May 12 j 08:23	27°♏30'05		
morning rise	-2831 Dec 24 j 11:50	3°♏31'11				-2828 May 14 j 09:11	0°♏		
	-2830 Jan 01 j 07:28	30°♏♌		asc. node		-2828 May 16 j 05:47	2°♏17'03		
direct	-2830 Jan 08 j 21:49	28°♌48'33				-2828 Jun 07 j 17:44	0°♌		
	-2830 Jan 16 j 18:51	0°♏		evening rise		-2828 Jun 16 j 05:21	10°♌28'24		
greatest brilliancy	-2830 Jan 19 j 10:48	0°♏53'30	-4.6m			-2828 Jul 02 j 00:17	0°♏		
morning max el	-2830 Feb 27 j 05:18	29°♏46'28	46°08'08			-2828 Jul 26 j 05:51	0°♏		
	-2830 Feb 27 j 10:53	0°♏				-2828 Aug 19 j 12:08	0°♏		
desc. node	-2830 Mar 21 j 04:07	22°♏16'29		desc. node		-2828 Sep 04 j 22:44	20°♏15'42		
	-2830 Mar 28 j 07:34	0°♏				-2828 Sep 12 j 21:05	0°♏		
	-2830 Apr 24 j 01:53	0°♏				-2828 Oct 07 j 11:10	0°♌		
	-2830 May 19 j 21:14	0°♏				-2828 Nov 01 j 11:13	0°♏		
	-2830 Jun 14 j 01:40	0°♏				-2828 Nov 27 j 09:38	0°♏		
	-2830 Jul 08 j 18:14	0°♌		evening max el		-2828 Dec 18 j 14:06	22°♏44'13	46°39'54	
asc. node	-2830 Jul 12 j 03:31	4°♌09'26				-2828 Dec 25 j 23:01	0°♏		
	-2830 Aug 02 j 00:58	0°♏		asc. node		-2828 Dec 26 j 21:34	0°♏53'34		
morning set	-2830 Aug 23 j 04:21	26°♏26'00		greatest brilliancy		-2827 Jan 23 j 05:26	21°♏37'38	-4.6m	
	-2830 Aug 26 j 00:31	0°♏		retrograde		-2827 Feb 06 j 21:43	25°♏32'19		
	-2830 Sep 18 j 20:10	0°♏		evening set		-2827 Feb 24 j 16:55	19°♏25'13		
				inferior conj		-2827 Feb 28 j 06:39	17°♏09'50	8°07'18	
superior conj	-2830 Oct 01 j 07:28	15°♏43'58	1°03'36	minimum elong		-2827 Feb 28 j 10:50	17°♏03'09	8°06'58	
minimum elong	-2830 Oct 01 j 18:27	16°♏18'35	1°03'16	min. Earth dist.		-2827 Feb 28 j 03:03	17°♏15'36	0.29035 AU	
max. Earth dist.	-2830 Oct 01 j 20:20	16°♏24'32	1.70935 AU	morning rise		-2827 Mar 04 j 04:54	14°♏41'35		
	-2830 Oct 12 j 15:00	0°♏		direct		-2827 Mar 21 j 17:05	8°♏49'49		
desc. node	-2830 Oct 31 j 20:57	24°♏13'55		greatest brilliancy		-2827 Apr 02 j 18:33	11°♏24'36	-4.5m	
	-2830 Nov 05 j 11:07	0°♌		desc. node		-2827 Apr 17 j 15:36	20°♏00'07		
evening rise	-2830 Nov 12 j 07:35	8°♌36'07				-2827 Apr 30 j 02:47	0°♏		
	-2830 Nov 29 j 09:40	0°♏		morning max el		-2827 May 09 j 11:02	8°♏32'47	45°47'30	
	-2830 Dec 23 j 11:33	0°♏				-2827 May 30 j 15:16	0°♏		
	-2829 Jan 16 j 18:29	0°♏				-2827 Jun 26 j 17:51	0°♏		
	-2829 Feb 10 j 09:34	0°♏				-2827 Jul 22 j 09:53	0°♌		
asc. node	-2829 Feb 21 j 19:28	13°♏42'11		asc. node		-2827 Aug 08 j 15:27	20°♌45'26		
	-2829 Mar 07 j 13:44	0°♏				-2827 Aug 16 j 05:02	0°♏		
	-2829 Apr 02 j 15:18	0°♏				-2827 Sep 09 j 10:38	0°♏		
	-2829 Apr 30 j 09:49	0°♌				-2827 Oct 03 j 08:32	0°♏		
evening max el	-2829 May 12 j 21:20	12°♌22'14	45°21'02			-2827 Oct 27 j 03:39	0°♏		
	-2829 Jun 02 j 11:47	0°♏		morning set		-2827 Nov 06 j 05:33	12°♏42'10		
desc. node	-2829 Jun 13 j 12:57	7°♏02'41				-2827 Nov 19 j 23:24	0°♌		
greatest brilliancy	-2829 Jun 18 j 17:30	9°♏26'51	-4.5m	desc. node		-2827 Nov 28 j 08:54	10°♌32'40		
retrograde	-2829 Jun 30 j 12:14	11°♏53'30				-2827 Dec 13 j 21:29	0°♏		
evening set	-2829 Jul 17 j 00:32	6°♏48'59							
inferior conj	-2829 Jul 21 j 15:59	4°♏03'15	-7°-34'-36	superior conj		-2827 Dec 18 j 10:27	5°♏40'40	0°-44'-37	
minimum elong	-2829 Jul 21 j 06:45	4°♏17'22	7°33'07	minimum elong		-2827 Dec 18 j 00:06	5°♏08'19	0°44'18	
min. Earth dist.	-2829 Jul 21 j 23:58	3°♏51'04	0.27940 AU	max. Earth dist.		-2827 Dec 22 j 23:30	11°♏21'13	1.71701 AU	
morning rise	-2829 Jul 25 j 12:37	1°♏43'43				-2826 Jan 06 j 22:27	0°♏		
	-2829 Jul 28 j 15:18	30°♏♌		evening rise		-2826 Jan 28 j 03:07	26°♏18'49		
direct	-2829 Aug 11 j 22:20	26°♌03'03				-2826 Jan 31 j 02:37	0°♏		
greatest brilliancy	-2829 Aug 26 j 03:12	29°♌39'11	-4.6m			-2826 Feb 24 j 10:44	0°♏		
	-2829 Aug 26 j 20:18	0°♏		asc. node		-2826 Mar 21 j 07:41	0°♏23'06		
morning max el	-2829 Oct 01 j 09:09	28°♏46'53	46°46'35			-2826 Mar 21 j 00:04	0°♏		
	-2829 Oct 02 j 13:50	0°♏				-2826 Apr 14 j 20:14	0°♏		
asc. node	-2829 Oct 04 j 12:42	2°♏00'50				-2826 May 10 j 01:27	0°♌		
	-2829 Oct 29 j 22:18	0°♏				-2826 Jun 04 j 20:17	0°♏		
	-2829 Nov 24 j 08:48	0°♏				-2826 Jul 01 j 16:04	0°♏		
	-2829 Dec 19 j 03:41	0°♌		desc. node		-2826 Jul 11 j 00:39	9°♏59'36		
	-2828 Jan 12 j 17:56	0°♏		evening max el		-2826 Jul 24 j 22:32	24°♏07'03	46°37'02	
desc. node	-2828 Jan 24 j 06:38	14°♏04'48				-2826 Jul 31 j 02:37	0°♏		
	-2828 Feb 06 j 07:24	0°♏		greatest brilliancy		-2826 Sep 02 j 14:33	23°♏42'01	-4.6m	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2826 Sep 12 j 22:13	25° \mathbb{M} 40'40		superior conj	-2823 Mar 02 j 09:11	19° \approx 13'41	-1°-20'-58
evening set	-2826 Sep 29 j 05:08	20° \mathbb{M} 34'51		minimum elong	-2823 Mar 02 j 14:14	19° \approx 29'14	1°20'59
inferior conj	-2826 Oct 03 j 12:52	18° \mathbb{M} 01'21	-6°-33'-58	max. Earth dist.	-2823 Mar 04 j 09:37	21° \approx 42'48	1.73269 AU
minimum elong	-2826 Oct 03 j 23:42	17° \mathbb{M} 44'58	6°31'34		-2823 Mar 11 j 03:09	0° \mathbb{H}	
min. Earth dist.	-2826 Oct 03 j 23:15	17° \mathbb{M} 45'38	0.26542 AU		-2823 Apr 04 j 13:14	0° \mathbb{Y}	
morning rise	-2826 Oct 08 j 18:00	14° \mathbb{M} 57'38		evening rise	-2823 Apr 08 j 14:55	4° \mathbb{Y} 59'30	
direct	-2826 Oct 23 j 21:44	10° \mathbb{M} 23'47		asc. node	-2823 Apr 17 j 19:44	16° \mathbb{Y} 15'56	
asc. node	-2826 Nov 01 j 00:14	11° \mathbb{M} 40'33			-2823 Apr 29 j 01:05	0° \mathbb{B}	
greatest brilliancy	-2826 Nov 05 j 14:35	13° \mathbb{M} 25'00	-4.7m		-2823 May 23 j 14:40	0° \mathbb{I}	
	-2826 Nov 29 j 03:52	0° \mathbb{A}			-2823 Jun 17 j 06:35	0° \mathbb{S}	
morning max el	-2826 Dec 13 j 13:33	13° \mathbb{A} 48'03	46°47'04		-2823 Jul 12 j 02:38	0° \mathbb{O}	
	-2826 Dec 28 j 21:59	0° \mathbb{M}			-2823 Aug 06 j 06:13	0° \mathbb{M}	
	-2825 Jan 24 j 14:25	0° \mathbb{J}		desc. node	-2823 Aug 07 j 12:42	1° \mathbb{M} 30'02	
	-2825 Feb 19 j 08:22	0° \mathbb{Z}			-2823 Sep 01 j 00:05	0° \mathbb{A}	
desc. node	-2825 Feb 20 j 18:36	1° \mathbb{Z} 40'45			-2823 Sep 28 j 01:44	0° \mathbb{M}	
	-2825 Mar 16 j 16:17	0° \approx		evening max el	-2823 Oct 06 j 04:38	8° \mathbb{M} 26'23	47°32'47
	-2825 Apr 10 j 17:53	0° \mathbb{H}			-2823 Oct 29 j 19:53	0° \mathbb{J}	
	-2825 May 05 j 14:09	0° \mathbb{Y}		greatest brilliancy	-2823 Nov 13 j 07:59	9° \mathbb{J} 07'48	-4.7m
	-2825 May 30 j 05:04	0° \mathbb{B}		retrograde	-2823 Nov 26 j 05:33	12° \mathbb{J} 14'54	
morning set	-2825 Jun 12 j 08:38	16° \mathbb{B} 08'19		asc. node	-2823 Nov 28 j 11:53	12° \mathbb{J} 08'30	
asc. node	-2825 Jun 13 j 17:42	17° \mathbb{B} 50'04		evening set	-2823 Dec 11 j 01:55	7° \mathbb{J} 46'01	
	-2825 Jun 23 j 14:20	0° \mathbb{I}		min. Earth dist.	-2823 Dec 15 j 21:35	4° \mathbb{J} 52'08	0.27073 AU
max. Earth dist.	-2825 Jul 14 j 14:27	26° \mathbb{I} 03'40	1.72341 AU	inferior conj	-2823 Dec 16 j 23:03	4° \mathbb{J} 12'15	4°26'31
	-2825 Jul 17 j 18:21	0° \mathbb{S}		minimum elong	-2823 Dec 16 j 14:36	4° \mathbb{J} 25'29	4°24'11
				morning rise	-2823 Dec 22 j 04:11	1° \mathbb{J} 03'28	
superior conj	-2825 Jul 18 j 18:51	1° \mathbb{S} 16'24	1°10'08		-2823 Dec 24 j 03:24	30° \mathbb{R} \mathbb{M}	
minimum elong	-2825 Jul 18 j 10:34	0° \mathbb{S} 50'35	1°10'00	direct	-2822 Jan 06 j 11:17	26° \mathbb{M} 25'47	
	-2825 Aug 10 j 18:28	0° \mathbb{O}		greatest brilliancy	-2822 Jan 17 j 00:02	28° \mathbb{M} 30'27	-4.6m
evening rise	-2825 Aug 25 j 02:12	17° \mathbb{O} 57'01			-2822 Jan 20 j 12:02	0° \mathbb{J}	
	-2825 Sep 03 j 16:51	0° \mathbb{M}		morning max el	-2822 Feb 24 j 18:42	27° \mathbb{J} 26'06	46°09'19
	-2825 Sep 27 j 15:40	0° \mathbb{A}			-2822 Feb 27 j 09:41	0° \mathbb{Z}	
desc. node	-2825 Oct 03 j 10:55	7° \mathbb{A} 15'16		desc. node	-2822 Mar 20 j 06:13	21° \mathbb{Z} 35'40	
	-2825 Oct 21 j 16:29	0° \mathbb{M}			-2822 Mar 27 j 23:44	0° \approx	
	-2825 Nov 14 j 20:44	0° \mathbb{J}			-2822 Apr 23 j 15:34	0° \mathbb{H}	
	-2825 Dec 09 j 07:05	0° \mathbb{Z}			-2822 May 19 j 09:41	0° \mathbb{Y}	
	-2824 Jan 03 j 05:19	0° \approx			-2822 Jun 13 j 13:26	0° \mathbb{B}	
asc. node	-2824 Jan 24 j 09:31	24° \approx 37'19			-2822 Jul 08 j 05:37	0° \mathbb{I}	
	-2824 Jan 29 j 03:50	0° \mathbb{H}		asc. node	-2822 Jul 11 j 05:40	3° \mathbb{I} 41'07	
	-2824 Feb 26 j 10:42	0° \mathbb{Y}			-2822 Aug 01 j 12:11	0° \mathbb{S}	
evening max el	-2824 Feb 28 j 13:58	2° \mathbb{Y} 04'51	45°23'50	morning set	-2822 Aug 20 j 18:42	24° \mathbb{S} 05'16	
greatest brilliancy	-2824 Apr 02 j 14:21	28° \mathbb{Y} 10'06	-4.5m		-2822 Aug 25 j 11:42	0° \mathbb{O}	
	-2824 Apr 07 j 02:27	0° \mathbb{B}			-2822 Sep 18 j 07:23	0° \mathbb{M}	
retrograde	-2824 Apr 17 j 01:13	1° \mathbb{B} 46'46					
	-2824 Apr 26 j 12:52	30° \mathbb{R} \mathbb{Y}		superior conj	-2822 Sep 28 j 18:54	13° \mathbb{M} 13'16	1°06'02
evening set	-2824 May 02 j 06:31	27° \mathbb{Y} 19'25		minimum elong	-2822 Sep 29 j 05:39	13° \mathbb{M} 47'08	1°05'44
inferior conj	-2824 May 08 j 11:12	23° \mathbb{Y} 37'09	1°32'04	max. Earth dist.	-2822 Sep 28 j 21:57	13° \mathbb{M} 22'52	1.70948 AU
minimum elong	-2824 May 08 j 14:31	23° \mathbb{Y} 32'00	1°31'09		-2822 Oct 12 j 02:16	0° \mathbb{A}	
min. Earth dist.	-2824 May 09 j 00:09	23° \mathbb{Y} 16'58	0.28997 AU	desc. node	-2822 Oct 30 j 22:58	23° \mathbb{A} 44'47	
morning rise	-2824 May 14 j 22:12	19° \mathbb{Y} 45'30			-2822 Nov 04 j 22:26	0° \mathbb{M}	
desc. node	-2824 May 15 j 03:15	19° \mathbb{Y} 38'37		evening rise	-2822 Nov 09 j 16:38	5° \mathbb{M} 58'25	
direct	-2824 May 30 j 06:14	15° \mathbb{Y} 16'13			-2822 Nov 28 j 21:02	0° \mathbb{J}	
greatest brilliancy	-2824 Jun 13 j 14:56	18° \mathbb{Y} 51'35	-4.5m		-2822 Dec 22 j 23:02	0° \mathbb{Z}	
	-2824 Jun 30 j 20:55	0° \mathbb{B}			-2821 Jan 16 j 06:12	0° \approx	
morning max el	-2824 Jul 18 j 14:08	15° \mathbb{B} 46'50	46°08'03		-2821 Feb 09 j 21:44	0° \mathbb{H}	
	-2824 Aug 01 j 13:38	0° \mathbb{I}		asc. node	-2821 Feb 20 j 21:37	13° \mathbb{H} 11'22	
	-2824 Aug 28 j 12:05	0° \mathbb{S}			-2821 Mar 07 j 02:45	0° \mathbb{Y}	
asc. node	-2824 Sep 05 j 03:16	8° \mathbb{S} 55'34			-2821 Apr 02 j 06:09	0° \mathbb{B}	
	-2824 Sep 22 j 17:55	0° \mathbb{O}			-2821 Apr 30 j 05:17	0° \mathbb{I}	
	-2824 Oct 17 j 04:21	0° \mathbb{M}		evening max el	-2821 May 10 j 11:00	10° \mathbb{I} 04'54	45°19'36
	-2824 Nov 10 j 06:32	0° \mathbb{A}			-2821 Jun 03 j 06:58	0° \mathbb{S}	
	-2824 Dec 04 j 06:55	0° \mathbb{M}		desc. node	-2821 Jun 12 j 15:02	5° \mathbb{S} 31'34	
desc. node	-2824 Dec 25 j 20:51	26° \mathbb{M} 53'59		greatest brilliancy	-2821 Jun 16 j 05:08	7° \mathbb{S} 07'30	-4.5m
	-2824 Dec 28 j 08:40	0° \mathbb{J}		retrograde	-2821 Jun 28 j 01:47	9° \mathbb{S} 36'32	
	-2823 Jan 21 j 12:42	0° \mathbb{Z}		evening set	-2821 Jul 14 j 11:00	4° \mathbb{S} 36'37	
morning set	-2823 Jan 22 j 07:23	0° \mathbb{Z} 57'50		inferior conj	-2821 Jul 19 j 06:18	1° \mathbb{S} 45'40	-7°-22'-45
	-2823 Feb 14 j 18:56	0° \approx		minimum elong	-2821 Jul 18 j 20:42	2° \mathbb{S} 00'19	7°21'08
				min. Earth dist.	-2821 Jul 19 j 14:27	1° \mathbb{S} 33'13	0.27985 AU

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2821 Jul 22 j 03:58	30° RII			-2818 Jan 06 j 09:42	0° Z		
morning rise	-2821 Jul 23 j 06:00	29° $\text{II}21'36$		evening rise	-2818 Jan 25 j 16:10	23° $\text{Z}55'57$		
direct	-2821 Aug 09 j 12:36	23° $\text{II}44'23$			-2818 Jan 30 j 13:48	0° \approx		
greatest brilliancy	-2821 Aug 23 j 20:01	27° $\text{II}22'33$	-4.6m		-2818 Feb 23 j 21:58	0° H		
	-2821 Aug 28 j 16:43	0° S		asc. node	-2818 Mar 20 j 09:43	29° $\text{H}54'28$		
morning max el	-2821 Sep 28 j 22:40	26° $\text{S}22'00$	46°45'45		-2818 Mar 20 j 11:32	0° Y		
	-2821 Oct 02 j 11:35	0° Ω			-2818 Apr 14 j 08:11	0° B		
asc. node	-2821 Oct 03 j 14:46	1° $\Omega10'52$			-2818 May 09 j 14:18	0° II		
	-2821 Oct 29 j 14:30	0° M			-2818 Jun 04 j 10:44	0° S		
	-2821 Nov 23 j 22:51	0° A			-2818 Jul 01 j 09:53	0° Ω		
	-2821 Dec 18 j 16:36	0° M		desc. node	-2818 Jul 10 j 02:52	9° $\Omega13'46$		
	-2820 Jan 12 j 06:08	0° A		evening max el	-2818 Jul 22 j 12:10	21° $\Omega44'42$	46°34'05	
desc. node	-2820 Jan 23 j 08:52	13° $\text{A}35'02$			-2818 Jul 31 j 06:38	0° M		
	-2820 Feb 05 j 19:09	0° Z		greatest brilliancy	-2818 Aug 31 j 01:53	21° $\text{M}12'08$	-4.6m	
	-2820 Mar 01 j 08:20	0° \approx		retrograde	-2818 Sep 10 j 10:36	23° $\text{M}11'04$		
	-2820 Mar 25 j 21:20	0° H		evening set	-2818 Sep 26 j 20:28	18° $\text{M}00'20$		
morning set	-2820 Apr 03 j 05:03	10° $\text{H}10'53$		inferior conj	-2818 Oct 01 j 00:50	15° $\text{M}31'34$	-6°-50'-5	
	-2820 Apr 19 j 09:31	0° Y		minimum elong	-2818 Oct 01 j 11:36	15° $\text{M}15'18$	6°47'50	
max. Earth dist.	-2820 May 07 j 03:45	21° $\text{Y}47'19$	1.73653 AU	min. Earth dist.	-2818 Oct 01 j 11:30	15° $\text{M}15'26$	0.26579 AU	
				morning rise	-2818 Oct 06 j 02:31	12° $\text{M}32'51$		
superior conj	-2820 May 09 j 08:46	24° $\text{Y}30'09$	0°-13'-58	direct	-2818 Oct 21 j 10:52	7° $\text{M}53'38$		
minimum elong	-2820 May 09 j 11:30	24° $\text{Y}38'32$	0°13'49	asc. node	-2818 Oct 31 j 02:18	9° $\text{M}41'18$		
behind sun begin	-2820 May 09 j 00:40	24° $\text{Y}05'14$		greatest brilliancy	-2818 Nov 03 j 04:07	10° $\text{M}55'56$	-4.7m	
behind sun end	-2820 May 09 j 22:21	25° $\text{Y}11'51$			-2818 Nov 29 j 10:32	0° A		
	-2820 May 13 j 20:09	0° B		morning max el	-2818 Dec 11 j 03:54	11° $\text{A}23'41$	46°47'50	
asc. node	-2820 May 15 j 07:49	1° $\text{B}49'34$			-2818 Dec 28 j 16:39	0° M		
	-2820 Jun 07 j 04:47	0° II			-2817 Jan 24 j 05:29	0° A		
evening rise	-2820 Jun 14 j 00:25	8° $\text{II}24'53$			-2817 Feb 18 j 21:42	0° Z		
	-2820 Jul 01 j 11:31	0° S		desc. node	-2817 Feb 19 j 20:37	1° $\text{Z}07'33$		
	-2820 Jul 25 j 17:23	0° Ω			-2817 Mar 16 j 04:35	0° \approx		
	-2820 Aug 19 j 00:04	0° M			-2817 Apr 10 j 05:31	0° H		
desc. node	-2820 Sep 04 j 00:48	19° $\text{M}44'20$			-2817 May 05 j 01:24	0° Y		
	-2820 Sep 12 j 09:33	0° A			-2817 May 29 j 16:06	0° B		
	-2820 Oct 07 j 00:24	0° M		morning set	-2817 Jun 10 j 03:05	14° $\text{B}03'39$		
	-2820 Nov 01 j 01:41	0° A		asc. node	-2817 Jun 12 j 19:53	17° $\text{B}23'00$		
	-2820 Nov 27 j 02:42	0° Z			-2817 Jun 23 j 01:19	0° II		
evening max el	-2820 Dec 16 j 04:42	20° $\text{Z}24'39$	46°42'59	max. Earth dist.	-2817 Jul 12 j 05:41	23° $\text{II}47'30$	1.72402 AU	
asc. node	-2820 Dec 25 j 23:49	29° $\text{Z}58'32$						
	-2820 Dec 26 j 00:26	0° \approx		superior conj	-2817 Jul 16 j 12:04	29° $\text{II}06'08$	1°08'17	
greatest brilliancy	-2819 Jan 20 j 21:40	19° $\approx25'01$	-4.6m	minimum elong	-2817 Jul 16 j 03:36	28° $\text{II}39'46$	1°08'08	
retrograde	-2819 Feb 04 j 14:47	23° $\approx21'25$			-2817 Jul 17 j 05:21	0° S		
evening set	-2819 Feb 22 j 10:33	17° $\approx12'23$			-2817 Aug 10 j 05:35	0° Ω		
inferior conj	-2819 Feb 25 j 23:19	14° $\approx58'42$	8°11'45	evening rise	-2817 Aug 22 j 16:10	15° $\Omega35'09$		
minimum elong	-2819 Feb 26 j 02:49	14° $\approx53'05$	8°11'31		-2817 Sep 03 j 04:08	0° M		
min. Earth dist.	-2819 Feb 25 j 18:29	15° $\approx06'25$	0.29002 AU		-2817 Sep 27 j 03:09	0° A		
morning rise	-2819 Mar 01 j 19:15	12° $\approx34'08$		desc. node	-2817 Oct 02 j 12:54	6° $\text{A}45'26$		
direct	-2819 Mar 19 j 08:44	6° $\approx39'08$			-2817 Oct 21 j 04:13	0° M		
greatest brilliancy	-2819 Mar 31 j 09:26	9° $\approx13'16$	-4.5m		-2817 Nov 14 j 08:48	0° A		
desc. node	-2819 Apr 16 j 17:39	18° $\approx51'59$			-2817 Dec 08 j 19:38	0° Z		
	-2819 Apr 30 j 05:33	0° H			-2816 Jan 02 j 18:48	0° \approx		
morning max el	-2819 May 07 j 03:21	6° $\text{H}23'22$	45°47'32	asc. node	-2816 Jan 23 j 11:38	24° $\approx00'43$		
	-2819 May 30 j 08:10	0° Y			-2816 Jan 28 j 19:24	0° H		
	-2819 Jun 26 j 07:49	0° B			-2816 Feb 26 j 08:24	0° Y		
	-2819 Jul 21 j 22:33	0° II		evening max el	-2816 Feb 26 j 06:15	29° $\text{H}54'47$	45°25'35	
asc. node	-2819 Aug 07 j 17:37	20° $\text{II}14'59$		greatest brilliancy	-2816 Mar 31 j 06:54	26° $\text{Y}02'31$	-4.5m	
	-2819 Aug 15 j 17:02	0° S		retrograde	-2816 Apr 14 j 17:27	29° $\text{Y}38'55$		
	-2819 Sep 08 j 22:17	0° Ω		evening set	-2816 Apr 30 j 00:34	25° $\text{Y}09'37$		
	-2819 Oct 02 j 20:00	0° M		inferior conj	-2816 May 06 j 03:44	21° $\text{Y}28'53$	1°50'54	
	-2819 Oct 26 j 15:02	0° A		minimum elong	-2816 May 06 j 07:41	21° $\text{Y}22'43$	1°49'50	
morning set	-2819 Nov 03 j 15:28	10° $\text{A}06'22$		min. Earth dist.	-2816 May 06 j 16:43	21° $\text{Y}08'36$	0.29020 AU	
	-2819 Nov 19 j 10:45	0° M		morning rise	-2816 May 12 j 14:31	17° $\text{Y}37'01$		
desc. node	-2819 Nov 27 j 10:57	10° $\text{M}03'34$		desc. node	-2816 May 14 j 05:18	16° $\text{Y}45'55$		
	-2819 Dec 13 j 08:47	0° A		direct	-2816 May 27 j 23:08	13° $\text{Y}07'46$		
				greatest brilliancy	-2816 Jun 11 j 04:58	16° $\text{Y}39'41$	-4.5m	
superior conj	-2819 Dec 15 j 20:10	3° $\text{A}05'43$	0°-41'-15		-2816 Jul 01 j 05:26	0° B		
minimum elong	-2819 Dec 15 j 10:18	2° $\text{A}34'51$	0°40'54	morning max el	-2816 Jul 16 j 05:29	13° $\text{B}33'45$	46°06'38	
max. Earth dist.	-2819 Dec 20 j 06:57	8° $\text{A}39'26$	1.71647 AU		-2816 Aug 01 j 07:37	0° II		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2816 Aug 28 j 02:34	0°☿					-2813 Mar 06 j 15:37	0°♊			
asc. node	-2816 Sep 04 j 05:16	8°☿20'15					-2813 Apr 01 j 20:56	0°♋			
	-2816 Sep 22 j 06:57	0°♌					-2813 Apr 30 j 01:02	0°♍			
	-2816 Oct 16 j 16:40	0°♎		evening max el			-2813 May 08 j 01:01	7°♎49'21	45°18'20		
	-2816 Nov 09 j 18:25	0°♏					-2813 Jun 04 j 08:23	0°☿			
	-2816 Dec 03 j 18:30	0°♐		desc. node			-2813 Jun 11 j 17:15	3°☿58'22			
desc. node	-2816 Dec 24 j 23:04	26°♐25'28		greatest brilliancy			-2813 Jun 13 j 15:46	4°☿48'07	-4.5m		
	-2816 Dec 27 j 20:01	0°♑		retrograde			-2813 Jun 25 j 15:52	7°☿20'53			
morning set	-2815 Jan 19 j 19:28	28°♑32'03		evening set			-2813 Jul 11 j 21:36	2°☿25'12			
	-2815 Jan 20 j 23:51	0°♒					-2813 Jul 16 j 00:27	30°♒♊			
	-2815 Feb 14 j 05:56	0°♓		inferior conj			-2813 Jul 16 j 20:38	29°♒29'16	-7°-10'-17		
				minimum elong			-2813 Jul 16 j 10:45	29°♒44'20	7°08'30		
superior conj	-2815 Feb 28 j 00:54	17°♓00'28	-1°-21'-50	min. Earth dist.			-2813 Jul 17 j 04:45	29°♒16'53	0.28029 AU		
minimum elong	-2815 Feb 28 j 05:19	17°♓14'03	1°21'51	morning rise			-2813 Jul 20 j 23:28	27°♒00'46			
max. Earth dist.	-2815 Mar 02 j 06:06	19°♓44'22	1.73226 AU	direct			-2813 Aug 07 j 03:11	21°♒26'55			
	-2815 Mar 10 j 14:05	0°♈		greatest brilliancy			-2813 Aug 21 j 12:59	25°♒07'36	-4.6m		
	-2815 Apr 04 j 00:10	0°♊					-2813 Aug 29 j 22:26	0°☿			
evening rise	-2815 Apr 06 j 08:50	2°♊53'45		morning max el			-2813 Sep 26 j 13:04	24°☿00'43	46°44'50		
asc. node	-2815 Apr 16 j 21:49	15°♊48'50					-2813 Oct 02 j 08:11	0°♌			
	-2815 Apr 28 j 12:06	0°♋		asc. node			-2813 Oct 02 j 16:54	0°♌22'58			
	-2815 May 23 j 01:57	0°♍					-2813 Oct 29 j 06:07	0°♎			
	-2815 Jun 16 j 18:22	0°☿					-2813 Nov 23 j 12:31	0°♏			
	-2815 Jul 11 j 15:11	0°♌					-2813 Dec 18 j 05:14	0°♐			
	-2815 Aug 05 j 20:00	0°♎					-2812 Jan 11 j 18:07	0°♑			
desc. node	-2815 Aug 06 j 14:42	0°♎55'07		desc. node			-2812 Jan 22 j 10:54	13°♑05'20			
	-2815 Aug 31 j 16:01	0°♏					-2812 Feb 05 j 06:38	0°♒			
	-2815 Sep 27 j 22:29	0°♐					-2812 Feb 29 j 19:28	0°♓			
evening max el	-2815 Oct 03 j 18:52	6°♐02'14	47°32'28				-2812 Mar 25 j 08:12	0°♈			
	-2815 Oct 30 j 16:17	0°♑		morning set			-2812 Mar 31 j 22:43	8°♈05'02			
greatest brilliancy	-2815 Nov 11 j 01:41	6°♑46'06	-4.7m				-2812 Apr 18 j 20:13	0°♊			
retrograde	-2815 Nov 23 j 19:09	9°♑48'36		max. Earth dist.			-2812 May 05 j 02:23	19°♊56'40	1.73672 AU		
asc. node	-2815 Nov 27 j 14:05	9°♑30'38									
evening set	-2815 Dec 08 j 13:51	5°♑23'20		superior conj			-2812 May 07 j 03:30	22°♊27'29	0°-16'-59		
min. Earth dist.	-2815 Dec 13 j 12:06	2°♑25'56	0.27002 AU	minimum elong			-2812 May 07 j 06:49	22°♊37'39	0°16'49		
inferior conj	-2815 Dec 14 j 12:37	1°♑47'31	4°07'01				-2812 May 13 j 06:49	0°♋			
minimum elong	-2815 Dec 14 j 04:36	2°♑00'05	4°04'43	asc. node			-2812 May 14 j 09:59	1°♋23'28			
	-2815 Dec 17 j 10:09	30°♒♐					-2812 Jun 06 j 15:32	0°♍			
morning rise	-2815 Dec 19 j 20:12	28°♐35'14		evening rise			-2812 Jun 11 j 19:37	6°♍22'42			
direct	-2814 Jan 03 j 23:53	24°♐02'18					-2812 Jun 30 j 22:28	0°☿			
greatest brilliancy	-2814 Jan 14 j 13:52	26°♐07'44	-4.6m				-2812 Jul 25 j 04:37	0°♌			
	-2814 Jan 22 j 13:05	0°♑					-2812 Aug 18 j 11:40	0°♎			
morning max el	-2814 Feb 22 j 07:22	25°♑04'07	46°10'37	desc. node			-2812 Sep 03 j 02:50	19°♎13'55			
	-2814 Feb 27 j 07:27	0°♒					-2812 Sep 11 j 21:41	0°♏			
desc. node	-2814 Mar 19 j 08:16	20°♒55'40					-2812 Oct 06 j 13:20	0°♐			
	-2814 Mar 27 j 15:27	0°♓					-2812 Oct 31 j 15:57	0°♑			
	-2814 Apr 23 j 04:58	0°♈					-2812 Nov 26 j 19:46	0°♉			
	-2814 May 18 j 21:53	0°♊		evening max el			-2812 Dec 13 j 20:20	18°♉08'22	46°45'55		
	-2814 Jun 13 j 00:58	0°♋		asc. node			-2812 Dec 25 j 01:55	29°♉02'38			
	-2814 Jul 07 j 16:47	0°♍					-2812 Dec 26 j 03:00	0°♓			
asc. node	-2814 Jul 10 j 07:51	3°♍13'38		greatest brilliancy			-2811 Jan 18 j 14:05	17°♓12'56	-4.6m		
	-2814 Jul 31 j 23:10	0°☿		retrograde			-2811 Feb 02 j 08:07	21°♓10'28			
morning set	-2814 Aug 18 j 09:14	21°☿45'55		evening set			-2811 Feb 20 j 03:51	14°♓59'54			
	-2814 Aug 24 j 22:40	0°♌		inferior conj			-2811 Feb 23 j 15:48	12°♓47'33	8°15'36		
	-2814 Sep 17 j 18:24	0°♎		minimum elong			-2811 Feb 23 j 18:39	12°♓43'00	8°15'25		
				min. Earth dist.			-2811 Feb 23 j 09:27	12°♓57'41	0.28965 AU		
superior conj	-2814 Sep 26 j 06:21	10°♎43'11	1°08'20	morning rise			-2811 Feb 27 j 09:38	10°♓26'27			
minimum elong	-2814 Sep 26 j 16:47	11°♎16'04	1°08'04	direct			-2811 Mar 17 j 00:35	4°♓28'38			
max. Earth dist.	-2814 Sep 26 j 01:30	10°♎27'52	1.70972 AU	greatest brilliancy			-2811 Mar 28 j 23:17	7°♓01'17	-4.5m		
	-2814 Oct 11 j 13:22	0°♏		desc. node			-2811 Apr 15 j 19:48	17°♓46'29			
desc. node	-2814 Oct 30 j 01:05	23°♏16'24					-2811 Apr 30 j 06:33	0°♈			
	-2814 Nov 04 j 09:36	0°♐		morning max el			-2811 May 04 j 20:13	4°♈16'11	45°47'36		
evening rise	-2814 Nov 07 j 01:18	3°♐19'55					-2811 May 30 j 00:24	0°♊			
	-2814 Nov 28 j 08:16	0°♑					-2811 Jun 25 j 21:19	0°♋			
	-2814 Dec 22 j 10:23	0°♒					-2811 Jul 21 j 10:49	0°♍			
	-2813 Jan 15 j 17:45	0°♓		asc. node			-2811 Aug 06 j 19:34	19°♍44'58			
	-2813 Feb 09 j 09:42	0°♈					-2811 Aug 15 j 04:41	0°☿			
asc. node	-2813 Feb 19 j 23:37	12°♈40'44					-2811 Sep 08 j 09:36	0°♌			

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2811 Oct 02 j 07:08	0° \mathbb{M}		inferior conj	-2808 May 03 j 20:26	19° Υ 21'39	2°09'35
	-2811 Oct 26 j 02:04	0° $\underline{\Delta}$		minimum elong	-2808 May 04 j 00:59	19° Υ 14'30	2°08'21
morning set	-2811 Nov 01 j 01:57	7° $\underline{\Delta}$ 33'29		min. Earth dist.	-2808 May 04 j 09:44	19° Υ 00'47	0.29044 AU
	-2811 Nov 18 j 21:43	0° \mathbb{M}		morning rise	-2808 May 10 j 06:49	15° Υ 29'42	
desc. node	-2811 Nov 26 j 13:09	9° \mathbb{M} 36'06		desc. node	-2808 May 13 j 07:30	13° Υ 57'14	
	-2811 Dec 12 j 19:44	0° \mathcal{A}		direct	-2808 May 25 j 15:41	11° Υ 00'11	
				greatest brilliancy	-2808 Jun 08 j 19:40	14° Υ 29'17	-4.5m
superior conj	-2811 Dec 13 j 05:57	0° \mathcal{A} 31'59	0°-37'-46		-2808 Jul 01 j 11:17	0° \mathcal{B}	
minimum elong	-2811 Dec 12 j 20:39	0° \mathcal{A} 02'54	0°37'27	morning max el	-2808 Jul 13 j 20:25	11° \mathcal{B} 20'14	46°05'19
max. Earth dist.	-2811 Dec 17 j 17:06	6° \mathcal{A} 07'04	1.71599 AU		-2808 Aug 01 j 00:58	0° \mathbb{I}	
	-2810 Jan 05 j 20:35	0° \mathcal{B}			-2808 Aug 27 j 16:42	0° \mathcal{B}	
evening rise	-2810 Jan 23 j 05:03	21° \mathcal{B} 33'29		asc. node	-2808 Sep 03 j 07:27	7° \mathcal{B} 46'18	
	-2810 Jan 30 j 00:41	0° \approx			-2808 Sep 21 j 19:43	0° Ω	
	-2810 Feb 23 j 08:56	0° \mathcal{H}			-2808 Oct 16 j 04:46	0° \mathbb{M}	
asc. node	-2810 Mar 19 j 11:47	29° \mathcal{H} 26'46			-2808 Nov 09 j 06:08	0° $\underline{\Delta}$	
	-2810 Mar 19 j 22:44	0° Υ			-2808 Dec 03 j 05:57	0° \mathbb{M}	
	-2810 Apr 13 j 19:53	0° \mathcal{B}		desc. node	-2808 Dec 24 j 01:03	25° \mathbb{M} 56'44	
	-2810 May 09 j 02:55	0° \mathbb{I}			-2808 Dec 27 j 07:13	0° \mathcal{A}	
	-2810 Jun 04 j 01:02	0° \mathcal{B}		morning set	-2807 Jan 17 j 07:39	26° \mathcal{A} 06'59	
	-2810 Jul 01 j 03:45	0° Ω			-2807 Jan 20 j 10:50	0° \mathcal{B}	
desc. node	-2810 Jul 09 j 04:54	8° Ω 27'37			-2807 Feb 13 j 16:46	0° \approx	
evening max el	-2810 Jul 20 j 02:18	19° Ω 24'36	46°30'58				
	-2810 Jul 31 j 12:05	0° \mathbb{M}		superior conj	-2807 Feb 25 j 16:49	14° \approx 48'26	-1°-22'-33
greatest brilliancy	-2810 Aug 28 j 13:50	18° \mathbb{M} 44'10	-4.6m	minimum elong	-2807 Feb 25 j 20:32	14° \approx 59'54	1°22'35
retrograde	-2810 Sep 07 j 22:42	20° \mathbb{M} 42'28		max. Earth dist.	-2807 Feb 28 j 01:48	17° \approx 44'02	1.73180 AU
evening set	-2810 Sep 24 j 11:53	15° \mathbb{M} 27'11			-2807 Mar 10 j 00:49	0° \mathcal{H}	
inferior conj	-2810 Sep 28 j 12:50	13° \mathbb{M} 03'03	-7°-5'-27		-2807 Apr 03 j 10:56	0° Υ	
minimum elong	-2810 Sep 28 j 23:27	12° \mathbb{M} 47'00	7°03'20	evening rise	-2807 Apr 04 j 02:51	0° Υ 48'47	
min. Earth dist.	-2810 Sep 28 j 23:52	12° \mathbb{M} 46'23	0.26614 AU	asc. node	-2807 Apr 16 j 00:00	15° Υ 22'22	
morning rise	-2810 Oct 03 j 10:50	10° \mathbb{M} 09'24			-2807 Apr 27 j 23:01	0° \mathcal{B}	
direct	-2810 Oct 19 j 00:00	5° \mathbb{M} 24'54			-2807 May 22 j 13:10	0° \mathbb{I}	
asc. node	-2810 Oct 30 j 04:27	7° \mathbb{M} 47'56			-2807 Jun 16 j 06:06	0° \mathcal{B}	
greatest brilliancy	-2810 Oct 31 j 17:00	8° \mathbb{M} 27'07	-4.7m		-2807 Jul 11 j 03:43	0° Ω	
	-2810 Nov 29 j 14:42	0° $\underline{\Delta}$			-2807 Aug 05 j 09:50	0° \mathbb{M}	
morning max el	-2810 Dec 08 j 17:35	8° $\underline{\Delta}$ 58'42	46°48'40	desc. node	-2807 Aug 05 j 16:46	0° \mathbb{M} 20'23	
	-2810 Dec 28 j 10:27	0° \mathbb{M}			-2807 Aug 31 j 08:07	0° $\underline{\Delta}$	
	-2809 Jan 23 j 19:59	0° \mathcal{A}			-2807 Sep 27 j 19:53	0° \mathbb{M}	
	-2809 Feb 18 j 10:35	0° \mathcal{B}		evening max el	-2807 Oct 01 j 08:18	3° \mathbb{M} 36'12	47°32'01
desc. node	-2809 Feb 18 j 22:39	0° \mathcal{B} 35'38			-2807 Oct 31 j 20:02	0° \mathcal{A}	
	-2809 Mar 15 j 16:32	0° \approx		greatest brilliancy	-2807 Nov 08 j 18:52	4° \mathcal{A} 23'25	-4.7m
	-2809 Apr 09 j 16:53	0° \mathcal{H}		retrograde	-2807 Nov 21 j 08:32	7° \mathcal{A} 22'08	
	-2809 May 04 j 12:24	0° Υ		asc. node	-2807 Nov 26 j 16:14	6° \mathcal{A} 46'39	
	-2809 May 29 j 02:53	0° \mathcal{B}		evening set	-2807 Dec 06 j 01:50	2° \mathcal{A} 59'50	
morning set	-2809 Jun 07 j 21:30	11° \mathcal{B} 59'47		min. Earth dist.	-2807 Dec 11 j 02:48	29° \mathbb{M} 59'00	0.26935 AU
asc. node	-2809 Jun 11 j 21:59	16° \mathcal{B} 56'30			-2807 Dec 11 j 02:09	30° \mathbb{M}	
	-2809 Jun 22 j 12:01	0° \mathbb{I}		inferior conj	-2807 Dec 12 j 02:07	29° \mathbb{M} 22'30	3°46'45
max. Earth dist.	-2809 Jul 09 j 20:31	21° \mathbb{I} 31'05	1.72464 AU	minimum elong	-2807 Dec 11 j 18:35	29° \mathbb{M} 34'18	3°44'33
				morning rise	-2807 Dec 17 j 12:05	26° \mathbb{M} 06'55	
superior conj	-2809 Jul 14 j 05:22	26° \mathbb{I} 57'12	1°06'21	direct	-2806 Jan 01 j 12:03	21° \mathbb{M} 38'12	
minimum elong	-2809 Jul 13 j 20:46	26° \mathbb{I} 30'25	1°06'10	greatest brilliancy	-2806 Jan 12 j 04:35	23° \mathbb{M} 45'39	-4.6m
	-2809 Jul 16 j 16:05	0° \mathcal{B}			-2806 Jan 23 j 21:59	0° \mathcal{A}	
	-2809 Aug 09 j 16:27	0° Ω		morning max el	-2806 Feb 19 j 20:26	22° \mathcal{A} 42'59	46°12'10
evening rise	-2809 Aug 20 j 06:24	13° Ω 15'01			-2806 Feb 27 j 04:23	0° \mathcal{B}	
	-2809 Sep 02 j 15:13	0° \mathbb{M}		desc. node	-2806 Mar 18 j 10:26	20° \mathcal{B} 16'38	
	-2809 Sep 26 j 14:27	0° $\underline{\Delta}$			-2806 Mar 27 j 06:52	0° \approx	
desc. node	-2809 Oct 01 j 15:03	6° $\underline{\Delta}$ 16'44			-2806 Apr 22 j 18:10	0° \mathcal{H}	
	-2809 Oct 20 j 15:45	0° \mathbb{M}			-2806 May 18 j 09:59	0° Υ	
	-2809 Nov 13 j 20:37	0° \mathcal{A}			-2806 Jun 12 j 12:28	0° \mathcal{B}	
	-2809 Dec 08 j 07:56	0° \mathcal{B}			-2806 Jul 07 j 03:58	0° \mathbb{I}	
	-2808 Jan 02 j 08:04	0° \approx		asc. node	-2806 Jul 09 j 09:50	2° \mathbb{I} 45'23	
asc. node	-2808 Jan 22 j 13:38	23° \approx 24'25			-2806 Jul 31 j 10:13	0° \mathcal{B}	
	-2808 Jan 28 j 10:51	0° \mathcal{H}		morning set	-2806 Aug 15 j 23:57	19° \mathcal{B} 27'02	
evening max el	-2808 Feb 23 j 21:54	27° \mathcal{H} 43'54	45°27'15		-2806 Aug 24 j 09:42	0° Ω	
	-2808 Feb 26 j 06:37	0° Υ			-2806 Sep 17 j 05:29	0° \mathbb{M}	
greatest brilliancy	-2808 Mar 28 j 23:22	23° Υ 55'30	-4.5m				
retrograde	-2808 Apr 12 j 09:29	27° Υ 32'05		superior conj	-2806 Sep 23 j 17:58	8° \mathbb{M} 13'27	1°10'29
evening set	-2808 Apr 27 j 18:50	23° Υ 00'29		minimum elong	-2806 Sep 24 j 04:00	8° \mathbb{M} 45'06	1°10'14

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2806 Sep 23 j 08:37	7° \mathbb{M} 43'59	1.70997 AU	greatest brilliancy	-2803 Mar 26 j 12:09	4° \approx 46'50	-4.5m
	-2806 Oct 11 j 00:31	0° $\underline{\mathbf{A}}$		desc. node	-2803 Apr 14 j 21:55	16° \approx 41'31	
desc. node	-2806 Oct 29 j 03:13	22° $\underline{\mathbf{A}}$ 47'50			-2803 Apr 30 j 06:48	0° \mathbb{H}	
	-2806 Nov 03 j 20:50	0° \mathbb{M}		morning max el	-2803 May 02 j 13:02	2° \mathbb{H} 07'57	45°47'48
evening rise	-2806 Nov 04 j 10:06	0° \mathbb{M} 41'38			-2803 May 29 j 16:41	0° \mathbb{Y}	
	-2806 Nov 27 j 19:37	0° \mathbb{J}			-2803 Jun 25 j 10:59	0° \mathbb{B}	
	-2806 Dec 21 j 21:52	0° \mathbb{Z}			-2803 Jul 20 j 23:18	0° \mathbb{H}	
	-2805 Jan 15 j 05:27	0° \approx		asc. node	-2803 Aug 05 j 21:47	19° \mathbb{H} 15'03	
	-2805 Feb 08 j 21:50	0° \mathbb{H}			-2803 Aug 14 j 16:35	0° \mathbb{S}	
asc. node	-2805 Feb 19 j 01:48	12° \mathbb{H} 10'13			-2803 Sep 07 j 21:12	0° \mathbb{O}	
	-2805 Mar 06 j 04:39	0° \mathbb{Y}			-2803 Oct 01 j 18:37	0° \mathbb{M}	
	-2805 Apr 01 j 11:58	0° \mathbb{B}			-2803 Oct 25 j 13:29	0° $\underline{\mathbf{A}}$	
	-2805 Apr 29 j 21:27	0° \mathbb{H}		morning set	-2803 Oct 29 j 12:12	4° $\underline{\mathbf{A}}$ 58'35	
evening max el	-2805 May 05 j 15:54	5° \mathbb{H} 35'59	45°17'08		-2803 Nov 18 j 09:06	0° \mathbb{M}	
	-2805 Jun 05 j 20:18	0° \mathbb{S}		desc. node	-2803 Nov 25 j 15:10	9° \mathbb{M} 06'46	
desc. node	-2805 Jun 10 j 19:14	2° \mathbb{S} 21'30					
greatest brilliancy	-2805 Jun 11 j 01:43	2° \mathbb{S} 28'08	-4.5m	superior conj	-2803 Dec 10 j 15:11	27° \mathbb{M} 55'10	0°-34'-10
retrograde	-2805 Jun 23 j 06:24	5° \mathbb{S} 05'20		minimum elong	-2803 Dec 10 j 06:34	27° \mathbb{M} 28'13	0°33'52
evening set	-2805 Jul 09 j 08:28	0° \mathbb{S} 13'41			-2803 Dec 12 j 07:04	0° \mathbb{J}	
	-2805 Jul 09 j 18:15	30° \mathbb{R} \mathbb{H}		max. Earth dist.	-2803 Dec 15 j 04:43	3° \mathbb{J} 37'55	1.71548 AU
inferior conj	-2805 Jul 14 j 11:05	27° \mathbb{H} 12'47	-6°-57'-6		-2802 Jan 05 j 07:52	0° \mathbb{Z}	
minimum elong	-2805 Jul 14 j 01:00	27° \mathbb{H} 28'08	6°55'11	evening rise	-2802 Jan 20 j 17:26	19° \mathbb{Z} 08'09	
min. Earth dist.	-2805 Jul 14 j 18:52	27° \mathbb{H} 00'55	0.28075 AU		-2802 Jan 29 j 11:58	0° \approx	
morning rise	-2805 Jul 18 j 17:08	24° \mathbb{H} 39'50			-2802 Feb 22 j 20:19	0° \mathbb{H}	
direct	-2805 Aug 04 j 18:35	19° \mathbb{H} 09'29		asc. node	-2802 Mar 18 j 13:59	28° \mathbb{H} 58'07	
greatest brilliancy	-2805 Aug 19 j 05:55	22° \mathbb{H} 52'23	-4.6m		-2802 Mar 19 j 10:23	0° \mathbb{Y}	
	-2805 Aug 30 j 20:14	0° \mathbb{S}			-2802 Apr 13 j 08:03	0° \mathbb{B}	
morning max el	-2805 Sep 24 j 04:22	21° \mathbb{S} 41'20	46°43'49		-2802 May 08 j 15:59	0° \mathbb{H}	
asc. node	-2805 Oct 01 j 19:04	29° \mathbb{S} 35'14			-2802 Jun 03 j 15:50	0° \mathbb{S}	
	-2805 Oct 02 j 04:23	0° \mathbb{O}			-2802 Jun 30 j 22:20	0° \mathbb{O}	
	-2805 Oct 28 j 21:44	0° \mathbb{M}		desc. node	-2802 Jul 08 j 06:58	7° \mathbb{O} 40'10	
	-2805 Nov 23 j 02:16	0° $\underline{\mathbf{A}}$		evening max el	-2802 Jul 17 j 15:54	17° \mathbb{O} 02'33	46°27'48
	-2805 Dec 17 j 18:00	0° \mathbb{M}			-2802 Jul 31 j 20:03	0° \mathbb{M}	
	-2804 Jan 11 j 06:15	0° \mathbb{J}		greatest brilliancy	-2802 Aug 26 j 02:22	16° \mathbb{M} 16'22	-4.6m
desc. node	-2804 Jan 21 j 12:55	12° \mathbb{J} 35'02		retrograde	-2802 Sep 05 j 10:17	18° \mathbb{M} 13'17	
	-2804 Feb 04 j 18:20	0° \mathbb{Z}		evening set	-2802 Sep 22 j 03:23	12° \mathbb{M} 53'34	
	-2804 Feb 29 j 06:49	0° \approx		inferior conj	-2802 Sep 26 j 00:58	10° \mathbb{M} 34'02	-7°-19'-50
	-2804 Mar 24 j 19:17	0° \mathbb{H}		minimum elong	-2802 Sep 26 j 11:20	10° \mathbb{M} 18'19	7°17'52
morning set	-2804 Mar 29 j 16:31	5° \mathbb{H} 58'46		min. Earth dist.	-2802 Sep 26 j 12:34	10° \mathbb{M} 16'27	0.26656 AU
	-2804 Apr 18 j 07:07	0° \mathbb{Y}		morning rise	-2802 Sep 30 j 19:07	7° \mathbb{M} 45'24	
max. Earth dist.	-2804 May 03 j 02:37	18° \mathbb{Y} 10'16	1.73684 AU	direct	-2802 Oct 16 j 12:52	2° \mathbb{M} 55'27	
				asc. node	-2802 Oct 29 j 06:35	5° \mathbb{M} 58'00	
superior conj	-2804 May 04 j 22:27	20° \mathbb{Y} 24'51	0°-19'-58	greatest brilliancy	-2802 Oct 29 j 06:41	5° \mathbb{M} 58'06	-4.7m
minimum elong	-2804 May 05 j 02:19	20° \mathbb{Y} 36'44	0°19'46		-2802 Nov 29 j 17:48	0° $\underline{\mathbf{A}}$	
	-2804 May 12 j 17:41	0° \mathbb{B}		morning max el	-2802 Dec 06 j 06:22	6° $\underline{\mathbf{A}}$ 29'44	46°49'17
asc. node	-2804 May 13 j 12:04	0° \mathbb{B} 56'29			-2802 Dec 28 j 04:23	0° \mathbb{M}	
	-2804 Jun 06 j 02:30	0° \mathbb{H}			-2801 Jan 23 j 10:49	0° \mathbb{J}	
evening rise	-2804 Jun 09 j 15:08	4° \mathbb{H} 21'00			-2801 Feb 17 j 23:51	0° \mathbb{Z}	
	-2804 Jun 30 j 09:39	0° \mathbb{S}		desc. node	-2801 Feb 18 j 00:53	0° \mathbb{Z} 03'05	
	-2804 Jul 24 j 16:07	0° \mathbb{O}			-2801 Mar 15 j 04:50	0° \approx	
	-2804 Aug 17 j 23:36	0° \mathbb{M}			-2801 Apr 09 j 04:37	0° \mathbb{H}	
desc. node	-2804 Sep 02 j 05:01	18° \mathbb{M} 42'51			-2801 May 03 j 23:46	0° \mathbb{Y}	
	-2804 Sep 11 j 10:12	0° $\underline{\mathbf{A}}$			-2801 May 28 j 14:03	0° \mathbb{B}	
	-2804 Oct 06 j 02:41	0° \mathbb{M}		morning set	-2801 Jun 05 j 15:59	9° \mathbb{B} 54'59	
	-2804 Oct 31 j 06:43	0° \mathbb{J}		asc. node	-2801 Jun 11 j 00:01	16° \mathbb{B} 28'40	
	-2804 Nov 26 j 13:34	0° \mathbb{Z}			-2801 Jun 21 j 23:05	0° \mathbb{H}	
evening max el	-2804 Dec 11 j 12:40	15° \mathbb{Z} 52'45	46°48'48	max. Earth dist.	-2801 Jul 07 j 12:24	19° \mathbb{H} 16'56	1.72521 AU
asc. node	-2804 Dec 24 j 03:55	28° \mathbb{Z} 04'19					
	-2804 Dec 26 j 07:42	0° \approx		superior conj	-2801 Jul 11 j 23:03	24° \mathbb{H} 48'25	1°04'19
greatest brilliancy	-2803 Jan 16 j 07:13	15° \approx 00'35	-4.6m	minimum elong	-2801 Jul 11 j 14:20	24° \mathbb{H} 21'20	1°04'08
retrograde	-2803 Jan 31 j 01:22	18° \approx 57'54			-2801 Jul 16 j 03:10	0° \mathbb{S}	
evening set	-2803 Feb 17 j 20:49	12° \approx 46'23			-2801 Aug 09 j 03:37	0° \mathbb{O}	
inferior conj	-2803 Feb 21 j 08:10	10° \approx 34'54	8°18'44	evening rise	-2801 Aug 17 j 21:14	10° \mathbb{O} 55'56	
minimum elong	-2803 Feb 21 j 10:20	10° \approx 31'25	8°18'36		-2801 Sep 02 j 02:34	0° \mathbb{M}	
min. Earth dist.	-2803 Feb 21 j 00:11	10° \approx 47'38	0.28923 AU		-2801 Sep 26 j 02:03	0° $\underline{\mathbf{A}}$	
morning rise	-2803 Feb 25 j 00:05	8° \approx 16'51		desc. node	-2801 Sep 30 j 17:10	5° $\underline{\mathbf{A}}$ 47'00	
direct	-2803 Mar 14 j 16:45	2° \approx 16'47			-2801 Oct 20 j 03:38	0° \mathbb{M}	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2801 Nov 13 j 08:51	0°♊			-2798 Jun 12 j 00:06	0°♋		
	-2801 Dec 07 j 20:44	0°♌			-2798 Jul 06 j 15:16	0°♍		
	-2800 Jan 01 j 21:55	0°♎		asc. node	-2798 Jul 08 j 12:01	2°♎17'27		
asc. node	-2800 Jan 21 j 15:52	22°♎47'01			-2798 Jul 30 j 21:23	0°♏		
	-2800 Jan 28 j 03:05	0°♐		morning set	-2798 Aug 13 j 14:42	17°♏07'58		
evening max el	-2800 Feb 21 j 12:28	25°♐28'46	45°29'07		-2798 Aug 23 j 20:51	0°♑		
	-2800 Feb 26 j 06:27	0°♒			-2798 Sep 16 j 16:40	0°♒		
greatest brilliancy	-2800 Mar 26 j 14:51	21°♒45'37	-4.5m	max. Earth dist.	-2798 Sep 20 j 16:50	5°♒03'13	1.71018 AU	
retrograde	-2800 Apr 10 j 01:24	25°♒23'46						
evening set	-2800 Apr 25 j 13:02	20°♒49'21		superior conj	-2798 Sep 21 j 05:49	5°♒44'11	1°12'29	
inferior conj	-2800 May 01 j 13:00	17°♒12'48	2°28'08	minimum elong	-2798 Sep 21 j 15:22	6°♒14'18	1°12'16	
minimum elong	-2800 May 01 j 18:08	17°♒04'44	2°26'44		-2798 Oct 10 j 11:44	0°♓		
min. Earth dist.	-2800 May 02 j 02:47	16°♒51'10	0.29067 AU	desc. node	-2798 Oct 28 j 05:14	22°♓18'50		
morning rise	-2800 May 07 j 22:50	13°♒21'06		evening rise	-2798 Nov 01 j 19:15	28°♓04'23		
desc. node	-2800 May 12 j 09:32	11°♒10'31			-2798 Nov 03 j 08:05	0°♔		
direct	-2800 May 23 j 07:42	8°♒50'46			-2798 Nov 27 j 06:56	0°♕		
greatest brilliancy	-2800 Jun 06 j 11:11	12°♒18'28	-4.5m		-2798 Dec 21 j 09:19	0°♌		
	-2800 Jul 01 j 15:46	0°♍			-2797 Jan 14 j 17:08	0°♎		
morning max el	-2800 Jul 11 j 11:26	9°♍05'48	46°04'16		-2797 Feb 08 j 10:00	0°♏		
	-2800 Jul 31 j 18:20	0°♎		asc. node	-2797 Feb 18 j 03:55	11°♏39'17		
	-2800 Aug 27 j 06:58	0°♏			-2797 Mar 05 j 17:49	0°♐		
asc. node	-2800 Sep 02 j 09:36	7°♏11'38			-2797 Apr 01 j 03:19	0°♑		
	-2800 Sep 21 j 08:40	0°♑			-2797 Apr 29 j 18:45	0°♒		
	-2800 Oct 15 j 17:03	0°♒		evening max el	-2797 May 03 j 07:30	3°♒24'03	45°16'01	
	-2800 Nov 08 j 18:02	0°♓			-2797 Jun 08 j 03:50	0°♓		
	-2800 Dec 02 j 17:35	0°♔		greatest brilliancy	-2797 Jun 08 j 12:20	0°♓08'47	-4.5m	
desc. node	-2800 Dec 23 j 03:08	25°♔27'31		desc. node	-2797 Jun 09 j 21:20	0°♓40'56		
	-2800 Dec 26 j 18:40	0°♕		retrograde	-2797 Jun 20 j 21:01	2°♓49'23		
morning set	-2799 Jan 14 j 19:17	23°♕39'05			-2797 Jul 02 j 22:25	30°♔		
	-2799 Jan 19 j 22:08	0°♌		evening set	-2797 Jul 06 j 19:27	28°♔01'57		
	-2799 Feb 13 j 03:56	0°♍		inferior conj	-2797 Jul 12 j 01:27	24°♔56'02	-6°-43'-15	
				minimum elong	-2797 Jul 11 j 15:14	25°♔11'35	6°41'13	
superior conj	-2799 Feb 23 j 08:09	12°♍33'32	-1°-23'-9	min. Earth dist.	-2797 Jul 12 j 08:42	24°♔45'00	0.28118 AU	
minimum elong	-2799 Feb 23 j 11:09	12°♍42'47	1°23'13	morning rise	-2797 Jul 16 j 10:40	22°♔18'36		
max. Earth dist.	-2799 Feb 25 j 18:47	15°♍34'14	1.73134 AU	direct	-2797 Aug 02 j 10:13	16°♔52'05		
	-2799 Mar 09 j 11:54	0°♏		greatest brilliancy	-2797 Aug 16 j 21:41	20°♔35'42	-4.6m	
evening rise	-2799 Apr 01 j 20:20	28°♏41'14			-2797 Aug 31 j 12:30	0°♕		
	-2799 Apr 02 j 22:02	0°♐		morning max el	-2797 Sep 21 j 19:40	19°♕22'09	46°42'44	
asc. node	-2799 Apr 15 j 02:02	14°♐54'30		asc. node	-2797 Sep 30 j 21:09	28°♕48'01		
	-2799 Apr 27 j 10:15	0°♑			-2797 Oct 02 j 00:00	0°♑		
	-2799 May 22 j 00:43	0°♒			-2797 Oct 28 j 13:05	0°♒		
	-2799 Jun 15 j 18:11	0°♓			-2797 Nov 22 j 15:49	0°♓		
	-2799 Jul 10 j 16:38	0°♔			-2797 Dec 17 j 06:33	0°♔		
desc. node	-2799 Aug 04 j 18:59	29°♔45'13			-2796 Jan 10 j 18:10	0°♕		
	-2799 Aug 05 j 00:01	0°♕		desc. node	-2796 Jan 20 j 15:10	12°♕06'04		
	-2799 Aug 31 j 00:37	0°♎			-2796 Feb 04 j 05:48	0°♌		
	-2799 Sep 27 j 18:06	0°♏			-2796 Feb 28 j 17:57	0°♎		
evening max el	-2799 Sep 28 j 21:43	1°♏10'09	47°31'41		-2796 Mar 24 j 06:11	0°♏		
	-2799 Nov 02 j 11:28	0°♐		morning set	-2796 Mar 27 j 10:16	3°♏52'51		
greatest brilliancy	-2799 Nov 06 j 10:55	1°♐59'25	-4.7m		-2796 Apr 17 j 17:55	0°♑		
retrograde	-2799 Nov 18 j 22:14	4°♐56'05		max. Earth dist.	-2796 May 01 j 02:18	16°♑22'34	1.73698 AU	
asc. node	-2799 Nov 25 j 18:13	3°♐57'26						
evening set	-2799 Dec 03 j 14:06	0°♐35'59		superior conj	-2796 May 02 j 17:12	18°♑21'57	0°-22'-56	
	-2799 Dec 04 j 15:41	30°♒		minimum elong	-2796 May 02 j 21:37	18°♑35'30	0°22'43	
min. Earth dist.	-2799 Dec 08 j 17:23	27°♒32'27	0.26875 AU		-2796 May 12 j 04:28	0°♋		
inferior conj	-2799 Dec 09 j 15:44	26°♒57'35	3°26'04	asc. node	-2796 May 12 j 14:08	0°♋29'43		
minimum elong	-2799 Dec 09 j 08:44	27°♒08'31	3°23'59		-2796 Jun 05 j 13:22	0°♌		
morning rise	-2799 Dec 15 j 04:02	23°♒39'03		evening rise	-2796 Jun 07 j 10:23	2°♌18'45		
direct	-2799 Dec 30 j 00:32	19°♒13'57			-2796 Jun 29 j 20:44	0°♍		
greatest brilliancy	-2798 Jan 09 j 19:36	21°♒23'50	-4.6m		-2796 Jul 24 j 03:30	0°♎		
	-2798 Jan 24 j 21:43	0°♏			-2796 Aug 17 j 11:26	0°♐		
morning max el	-2798 Feb 17 j 10:35	20°♏23'51	46°13'29	desc. node	-2796 Sep 01 j 07:03	18°♐11'44		
	-2798 Feb 27 j 00:51	0°♑			-2796 Sep 10 j 22:38	0°♑		
desc. node	-2798 Mar 17 j 12:32	19°♑37'11			-2796 Oct 05 j 15:59	0°♒		
	-2798 Mar 26 j 22:19	0°♒			-2796 Oct 30 j 21:27	0°♓		
	-2798 Apr 22 j 07:32	0°♓			-2796 Nov 26 j 07:28	0°♔		
	-2798 May 17 j 22:15	0°♕		evening max el	-2796 Dec 09 j 05:25	13°♔38'52	46°51'46	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 22

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2796 Dec 23 j 06:11	27° $\overline{3}$ 06'21		superior conj	-2793 Jul 09 j 16:52	22° $\overline{\text{II}}$ 41'19	1°02'13
	-2796 Dec 26 j 13:55	0° \approx		minimum elong	-2793 Jul 09 j 08:07	22° $\overline{\text{II}}$ 14'06	1°02'01
greatest brilliancy	-2795 Jan 14 j 01:32	12° \approx 51'00	-4.6m		-2793 Jul 15 j 13:53	0° $\overline{\text{S}}$	
retrograde	-2795 Jan 28 j 18:35	16° \approx 46'39			-2793 Aug 08 j 14:29	0° Ω	
evening set	-2795 Feb 15 j 13:42	10° \approx 34'57		evening rise	-2793 Aug 15 j 12:10	8° Ω 38'17	
min. Earth dist.	-2795 Feb 18 j 15:06	8° \approx 39'08	0.28876 AU		-2793 Sep 01 j 13:38	0° $\overline{\text{M}}$	
inferior conj	-2795 Feb 19 j 00:43	8° \approx 23'47	8°21'07		-2793 Sep 25 j 13:21	0° $\underline{\text{A}}$	
minimum elong	-2795 Feb 19 j 02:12	8° \approx 21'25	8°21'02	desc. node	-2793 Sep 29 j 19:10	5° $\underline{\text{A}}$ 17'50	
morning rise	-2795 Feb 22 j 14:57	6° \approx 08'18			-2793 Oct 19 j 15:12	0° $\overline{\text{M}}$	
direct	-2795 Mar 12 j 09:14	0° \approx 06'45			-2793 Nov 12 j 20:47	0° $\overline{\text{A}}$	
greatest brilliancy	-2795 Mar 24 j 00:27	2° \approx 33'09	-4.5m		-2793 Dec 07 j 09:14	0° $\overline{\text{S}}$	
desc. node	-2795 Apr 13 j 23:59	15° \approx 39'21			-2792 Jan 01 j 11:31	0° \approx	
morning max el	-2795 Apr 30 j 05:16	29° \approx 59'18	45°47'47	asc. node	-2792 Jan 20 j 17:59	22° \approx 10'10	
	-2795 Apr 30 j 05:33	0° $\overline{\text{H}}$			-2792 Jan 27 j 19:10	0° $\overline{\text{H}}$	
	-2795 May 29 j 08:24	0° $\overline{\text{Y}}$		evening max el	-2792 Feb 19 j 02:57	23° $\overline{\text{H}}$ 14'41	45°31'12
	-2795 Jun 25 j 00:18	0° $\overline{\text{B}}$			-2792 Feb 26 j 06:50	0° $\overline{\text{Y}}$	
	-2795 Jul 20 j 11:31	0° $\overline{\text{II}}$		greatest brilliancy	-2792 Mar 24 j 05:43	19° $\overline{\text{Y}}$ 36'40	-4.5m
asc. node	-2795 Aug 04 j 23:57	18° $\overline{\text{II}}$ 45'43		retrograde	-2792 Apr 07 j 17:56	23° $\overline{\text{Y}}$ 17'45	
	-2795 Aug 14 j 04:14	0° $\overline{\text{S}}$		evening set	-2792 Apr 23 j 07:34	18° $\overline{\text{Y}}$ 40'07	
	-2795 Sep 07 j 08:33	0° Ω		inferior conj	-2792 Apr 29 j 05:49	15° $\overline{\text{Y}}$ 06'06	2°46'11
	-2795 Oct 01 j 05:48	0° $\overline{\text{M}}$		minimum elong	-2792 Apr 29 j 11:31	14° $\overline{\text{Y}}$ 57'09	2°44'40
	-2795 Oct 25 j 00:37	0° $\underline{\text{A}}$		min. Earth dist.	-2792 Apr 29 j 19:52	14° $\overline{\text{Y}}$ 44'03	0.29089 AU
morning set	-2795 Oct 26 j 22:25	2° $\underline{\text{A}}$ 24'24		morning rise	-2792 May 05 j 15:01	11° $\overline{\text{Y}}$ 15'07	
	-2795 Nov 17 j 20:13	0° $\overline{\text{M}}$		desc. node	-2792 May 11 j 11:37	8° $\overline{\text{Y}}$ 30'18	
desc. node	-2795 Nov 24 j 17:15	8° $\overline{\text{M}}$ 38'32		direct	-2792 May 20 j 23:59	6° $\overline{\text{Y}}$ 43'31	
				greatest brilliancy	-2792 Jun 04 j 03:44	10° $\overline{\text{Y}}$ 11'03	-4.5m
superior conj	-2795 Dec 08 j 00:24	25° $\overline{\text{M}}$ 19'10	0°-30'-29		-2792 Jul 01 j 17:51	0° $\overline{\text{B}}$	
minimum elong	-2795 Dec 07 j 16:34	24° $\overline{\text{M}}$ 54'37	0°30'13	morning max el	-2792 Jul 09 j 03:11	6° $\overline{\text{B}}$ 54'54	46°03'07
	-2795 Dec 11 j 18:07	0° $\overline{\text{A}}$			-2792 Jul 31 j 10:52	0° $\overline{\text{II}}$	
max. Earth dist.	-2795 Dec 12 j 15:57	1° $\overline{\text{A}}$ 08'18	1.71495 AU		-2792 Aug 26 j 20:44	0° $\overline{\text{S}}$	
	-2794 Jan 04 j 18:51	0° $\overline{\text{S}}$		asc. node	-2792 Sep 01 j 11:37	6° $\overline{\text{S}}$ 37'53	
evening rise	-2794 Jan 18 j 05:50	16° $\overline{\text{S}}$ 43'42			-2792 Sep 20 j 21:14	0° Ω	
	-2794 Jan 28 j 22:55	0° \approx			-2792 Oct 15 j 05:02	0° $\overline{\text{M}}$	
	-2794 Feb 22 j 07:19	0° $\overline{\text{H}}$			-2792 Nov 08 j 05:39	0° $\underline{\text{A}}$	
asc. node	-2794 Mar 17 j 16:02	28° $\overline{\text{H}}$ 30'13			-2792 Dec 02 j 04:56	0° $\overline{\text{M}}$	
	-2794 Mar 18 j 21:39	0° $\overline{\text{Y}}$		desc. node	-2792 Dec 22 j 05:20	24° $\overline{\text{M}}$ 59'36	
	-2794 Apr 12 j 19:50	0° $\overline{\text{B}}$			-2792 Dec 26 j 05:48	0° $\overline{\text{A}}$	
	-2794 May 08 j 04:45	0° $\overline{\text{II}}$		morning set	-2791 Jan 12 j 06:38	21° $\overline{\text{A}}$ 11'10	
	-2794 Jun 03 j 06:28	0° $\overline{\text{S}}$			-2791 Jan 19 j 09:05	0° $\overline{\text{S}}$	
	-2794 Jun 30 j 17:06	0° Ω			-2791 Feb 12 j 14:46	0° \approx	
desc. node	-2794 Jul 07 j 09:11	6° Ω 53'08					
evening max el	-2794 Jul 15 j 04:40	14° Ω 39'19	46°24'34	superior conj	-2791 Feb 20 j 23:25	10° \approx 19'22	-1°-23'-37
	-2794 Aug 01 j 06:25	0° $\overline{\text{M}}$		minimum elong	-2791 Feb 21 j 01:41	10° \approx 26'20	1°23'42
greatest brilliancy	-2794 Aug 23 j 15:33	13° $\overline{\text{M}}$ 50'12	-4.6m	max. Earth dist.	-2791 Feb 23 j 10:39	13° \approx 21'59	1.73087 AU
retrograde	-2794 Sep 02 j 21:25	15° $\overline{\text{M}}$ 45'18			-2791 Mar 08 j 22:40	0° $\overline{\text{H}}$	
evening set	-2794 Sep 19 j 18:50	10° $\overline{\text{M}}$ 21'10		evening rise	-2791 Mar 30 j 13:58	26° $\overline{\text{H}}$ 35'08	
inferior conj	-2794 Sep 23 j 13:10	8° $\overline{\text{M}}$ 06'18	-7°-33'-7		-2791 Apr 02 j 08:47	0° $\overline{\text{Y}}$	
minimum elong	-2794 Sep 23 j 23:12	7° $\overline{\text{M}}$ 51'04	7°31'22	asc. node	-2791 Apr 14 j 04:09	14° $\overline{\text{Y}}$ 27'55	
min. Earth dist.	-2794 Sep 24 j 01:34	7° $\overline{\text{M}}$ 47'29	0.26698 AU		-2791 Apr 26 j 21:08	0° $\overline{\text{B}}$	
morning rise	-2794 Sep 28 j 03:22	5° $\overline{\text{M}}$ 22'54			-2791 May 21 j 11:54	0° $\overline{\text{II}}$	
direct	-2794 Oct 14 j 01:17	0° $\overline{\text{M}}$ 27'03			-2791 Jun 15 j 05:53	0° $\overline{\text{S}}$	
greatest brilliancy	-2794 Oct 26 j 21:19	3° $\overline{\text{M}}$ 31'24	-4.7m		-2791 Jul 10 j 05:12	0° Ω	
asc. node	-2794 Oct 28 j 08:41	4° $\overline{\text{M}}$ 13'18		desc. node	-2791 Aug 03 j 20:59	29° Ω 10'17	
	-2794 Nov 29 j 19:04	0° $\underline{\text{A}}$			-2791 Aug 04 j 13:59	0° $\overline{\text{M}}$	
morning max el	-2794 Dec 03 j 18:26	3° $\underline{\text{A}}$ 59'51	46°49'57		-2791 Aug 30 j 17:10	0° $\underline{\text{A}}$	
	-2794 Dec 27 j 21:33	0° $\overline{\text{M}}$		evening max el	-2791 Sep 26 j 11:39	28° $\underline{\text{A}}$ 45'52	47°31'00
	-2793 Jan 23 j 01:06	0° $\overline{\text{A}}$			-2791 Sep 27 j 17:05	0° $\overline{\text{M}}$	
desc. node	-2793 Feb 17 j 02:53	29° $\overline{\text{A}}$ 31'10		greatest brilliancy	-2791 Nov 04 j 02:03	29° $\overline{\text{M}}$ 33'51	-4.7m
	-2793 Feb 17 j 12:37	0° $\overline{\text{S}}$			-2791 Nov 05 j 02:26	0° $\overline{\text{A}}$	
	-2793 Mar 14 j 16:42	0° \approx		retrograde	-2791 Nov 16 j 12:00	2° $\overline{\text{A}}$ 29'11	
	-2793 Apr 08 j 15:53	0° $\overline{\text{H}}$		asc. node	-2791 Nov 24 j 20:28	1° $\overline{\text{A}}$ 01'25	
	-2793 May 03 j 10:41	0° $\overline{\text{Y}}$			-2791 Nov 27 j 10:35	30° $\overline{\text{M}}$	
	-2793 May 28 j 00:46	0° $\overline{\text{B}}$		evening set	-2791 Dec 01 j 02:11	28° $\overline{\text{M}}$ 10'54	
morning set	-2793 Jun 03 j 10:45	7° $\overline{\text{B}}$ 52'22		min. Earth dist.	-2791 Dec 06 j 07:23	25° $\overline{\text{M}}$ 05'10	0.26817 AU
asc. node	-2793 Jun 10 j 02:14	16° $\overline{\text{B}}$ 02'41		inferior conj	-2791 Dec 07 j 04:56	24° $\overline{\text{M}}$ 31'41	3°04'42
	-2793 Jun 21 j 09:45	0° $\overline{\text{II}}$		minimum elong	-2791 Dec 06 j 22:32	24° $\overline{\text{M}}$ 41'39	3°02'43
max. Earth dist.	-2793 Jul 05 j 06:31	17° $\overline{\text{II}}$ 10'55	1.72586 AU	morning rise	-2791 Dec 12 j 19:33	21° $\overline{\text{M}}$ 10'33	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2791 Dec 27 j 13:11	16° \mathbb{M} 48'47			-2788 Jun 29 j 07:50	0° \mathfrak{S}	
greatest brilliancy	-2790 Jan 07 j 09:48	19° \mathbb{M} 00'47	-4.6m		-2788 Jul 23 j 14:54	0° \mathcal{O}	
	-2790 Jan 25 j 15:14	0° \mathfrak{A}			-2788 Aug 16 j 23:14	0° \mathfrak{M}	
morning max el	-2790 Feb 15 j 01:08	18° \mathfrak{A} 06'07	46°14'55	desc. node	-2788 Aug 31 j 09:08	17° \mathfrak{M} 40'51	
	-2790 Feb 26 j 20:29	0° \mathfrak{Z}			-2788 Sep 10 j 11:03	0° \mathfrak{L}	
desc. node	-2790 Mar 16 j 14:35	18° \mathfrak{Z} 58'44			-2788 Oct 05 j 05:19	0° \mathbb{M}	
	-2790 Mar 26 j 13:17	0° \approx			-2788 Oct 30 j 12:21	0° \mathfrak{A}	
	-2790 Apr 21 j 20:31	0° \mathfrak{H}			-2788 Nov 26 j 01:55	0° \mathfrak{Z}	
	-2790 May 17 j 10:11	0° \mathfrak{Y}		evening max el	-2788 Dec 06 j 21:16	11° \mathfrak{Z} 21'58	46°54'16
	-2790 Jun 11 j 11:26	0° \mathfrak{B}		asc. node	-2788 Dec 22 j 08:16	26° \mathfrak{Z} 05'51	
	-2790 Jul 06 j 02:16	0° \mathbb{I}			-2788 Dec 26 j 23:04	0° \approx	
asc. node	-2790 Jul 07 j 14:10	1° \mathbb{I} 50'17		greatest brilliancy	-2787 Jan 11 j 20:30	10° \approx 40'39	-4.6m
	-2790 Jul 30 j 08:16	0° \mathfrak{S}		retrograde	-2787 Jan 26 j 11:03	14° \approx 33'14	
morning set	-2790 Aug 11 j 06:01	14° \mathfrak{S} 51'46		evening set	-2787 Feb 13 j 05:58	8° \approx 22'06	
	-2790 Aug 23 j 07:43	0° \mathcal{O}		inferior conj	-2787 Feb 16 j 16:56	6° \approx 10'46	8°22'50
	-2790 Sep 16 j 03:36	0° \mathfrak{M}		minimum elong	-2787 Feb 16 j 17:41	6° \approx 09'34	8°22'46
max. Earth dist.	-2790 Sep 18 j 01:48	2° \mathfrak{M} 25'38	1.71048 AU	min. Earth dist.	-2787 Feb 16 j 06:02	6° \approx 28'11	0.28827 AU
				morning rise	-2787 Feb 20 j 05:40	3° \approx 57'22	
superior conj	-2790 Sep 18 j 18:02	3° \mathfrak{M} 16'50	1°14'19		-2787 Feb 27 j 20:05	30° \mathfrak{R} \mathfrak{Z}	
minimum elong	-2790 Sep 19 j 03:02	3° \mathfrak{M} 45'11	1°14'09	direct	-2787 Mar 10 j 01:03	27° \mathfrak{Z} 54'49	
	-2790 Oct 09 j 22:46	0° \mathfrak{L}			-2787 Mar 20 j 18:10	0° \approx	
desc. node	-2790 Oct 27 j 07:22	21° \mathfrak{L} 50'35		greatest brilliancy	-2787 Mar 21 j 12:51	0° \approx 17'51	-4.5m
evening rise	-2790 Oct 30 j 04:12	25° \mathfrak{L} 26'46		desc. node	-2787 Apr 13 j 02:08	14° \approx 37'48	
	-2790 Nov 02 j 19:14	0° \mathbb{M}		morning max el	-2787 Apr 27 j 20:13	27° \approx 46'38	45°47'59
	-2790 Nov 26 j 18:12	0° \mathfrak{A}			-2787 Apr 30 j 03:46	0° \mathfrak{H}	
	-2790 Dec 20 j 20:43	0° \mathfrak{Z}			-2787 May 29 j 00:06	0° \mathfrak{Y}	
	-2789 Jan 14 j 04:47	0° \approx			-2787 Jun 24 j 13:41	0° \mathfrak{B}	
	-2789 Feb 07 j 22:07	0° \mathfrak{H}			-2787 Jul 19 j 23:49	0° \mathbb{I}	
asc. node	-2789 Feb 17 j 05:58	11° \mathfrak{H} 08'22		asc. node	-2787 Aug 04 j 01:54	18° \mathbb{I} 15'25	
	-2789 Mar 05 j 06:58	0° \mathfrak{Y}			-2787 Aug 13 j 15:58	0° \mathfrak{S}	
	-2789 Mar 31 j 18:46	0° \mathfrak{B}			-2787 Sep 06 j 19:58	0° \mathcal{O}	
	-2789 Apr 29 j 16:39	0° \mathbb{I}			-2787 Sep 30 j 17:05	0° \mathfrak{M}	
evening max el	-2789 Apr 30 j 23:36	1° \mathbb{I} 13'56	45°15'02	morning set	-2787 Oct 24 j 09:12	29° \mathfrak{M} 51'43	
greatest brilliancy	-2789 Jun 06 j 00:36	27° \mathbb{I} 52'28	-4.5m		-2787 Oct 24 j 11:50	0° \mathfrak{L}	
desc. node	-2789 Jun 08 j 23:34	28° \mathbb{I} 57'56			-2787 Nov 17 j 07:23	0° \mathbb{M}	
	-2789 Jun 12 j 21:04	0° \mathfrak{S}		desc. node	-2787 Nov 23 j 19:26	8° \mathbb{M} 10'23	
retrograde	-2789 Jun 18 j 11:42	0° \mathfrak{S} 34'50					
	-2789 Jun 23 j 22:29	30° \mathfrak{R} \mathbb{I}		superior conj	-2787 Dec 05 j 09:58	22° \mathbb{M} 43'56	0°-26'-46
evening set	-2789 Jul 04 j 06:58	25° \mathbb{I} 51'47		minimum elong	-2787 Dec 05 j 02:58	22° \mathbb{M} 22'00	0°26'31
inferior conj	-2789 Jul 09 j 16:08	22° \mathbb{I} 41'00	-6°-28'-58	max. Earth dist.	-2787 Dec 10 j 02:35	28° \mathbb{M} 36'34	1.71447 AU
minimum elong	-2789 Jul 09 j 05:51	22° \mathbb{I} 56'41	6°26'51		-2787 Dec 11 j 05:15	0° \mathfrak{A}	
min. Earth dist.	-2789 Jul 09 j 22:57	22° \mathbb{I} 30'35	0.28154 AU		-2786 Jan 04 j 05:59	0° \mathfrak{Z}	
morning rise	-2789 Jul 14 j 04:26	19° \mathbb{I} 58'58		evening rise	-2786 Jan 15 j 18:03	14° \mathfrak{Z} 18'06	
direct	-2789 Jul 31 j 02:03	14° \mathbb{I} 36'36			-2786 Jan 28 j 10:04	0° \approx	
greatest brilliancy	-2789 Aug 14 j 12:24	18° \mathbb{I} 19'04	-4.6m		-2786 Feb 21 j 18:36	0° \mathfrak{H}	
	-2789 Sep 01 j 00:09	0° \mathfrak{S}		asc. node	-2786 Mar 16 j 18:08	28° \mathfrak{H} 01'34	
morning max el	-2789 Sep 19 j 10:16	17° \mathfrak{S} 02'16	46°41'31		-2786 Mar 18 j 09:13	0° \mathfrak{Y}	
asc. node	-2789 Sep 29 j 23:18	28° \mathfrak{S} 02'37			-2786 Apr 12 j 07:57	0° \mathfrak{B}	
	-2789 Oct 01 j 18:45	0° \mathcal{O}			-2786 May 07 j 17:54	0° \mathbb{I}	
	-2789 Oct 28 j 04:01	0° \mathfrak{M}			-2786 Jun 02 j 21:34	0° \mathfrak{S}	
	-2789 Nov 22 j 05:10	0° \mathfrak{L}			-2786 Jun 30 j 12:42	0° \mathcal{O}	
	-2789 Dec 16 j 19:03	0° \mathbb{M}		desc. node	-2786 Jul 06 j 11:11	6° \mathcal{O} 04'04	
	-2788 Jan 10 j 06:07	0° \mathfrak{A}		evening max el	-2786 Jul 12 j 16:25	12° \mathcal{O} 12'59	46°21'27
desc. node	-2788 Jan 19 j 17:10	11° \mathfrak{A} 36'11			-2786 Aug 01 j 20:36	0° \mathfrak{M}	
	-2788 Feb 03 j 17:20	0° \mathfrak{Z}		greatest brilliancy	-2786 Aug 21 j 04:37	11° \mathfrak{M} 23'23	-4.6m
	-2788 Feb 28 j 05:08	0° \approx		retrograde	-2786 Aug 31 j 08:37	13° \mathfrak{M} 17'09	
	-2788 Mar 23 j 17:07	0° \mathfrak{H}		evening set	-2786 Sep 17 j 10:11	7° \mathfrak{M} 48'21	
morning set	-2788 Mar 25 j 03:38	1° \mathfrak{H} 45'37		inferior conj	-2786 Sep 21 j 01:24	5° \mathfrak{M} 38'10	-7°-45'-32
	-2788 Apr 17 j 04:43	0° \mathfrak{Y}		minimum elong	-2786 Sep 21 j 11:00	5° \mathfrak{M} 23'36	7°43'59
max. Earth dist.	-2788 Apr 29 j 01:03	14° \mathfrak{Y} 31'56	1.73705 AU	min. Earth dist.	-2786 Sep 21 j 14:38	5° \mathfrak{M} 18'06	0.26740 AU
				morning rise	-2786 Sep 25 j 11:34	3° \mathfrak{M} 00'22	
superior conj	-2788 Apr 30 j 11:47	16° \mathfrak{Y} 18'31	0°-25'-53		-2786 Oct 01 j 13:50	30° \mathfrak{R} \mathcal{O}	
minimum elong	-2788 Apr 30 j 16:43	16° \mathfrak{Y} 33'41	0°25'39	direct	-2786 Oct 11 j 13:28	27° \mathcal{O} 58'01	
asc. node	-2788 May 11 j 16:20	0° \mathfrak{B} 03'17			-2786 Oct 21 j 22:00	0° \mathfrak{M}	
	-2788 May 11 j 15:16	0° \mathfrak{B}		greatest brilliancy	-2786 Oct 24 j 12:41	1° \mathfrak{M} 05'17	-4.7m
evening rise	-2788 Jun 05 j 05:39	0° \mathbb{I} 16'33		asc. node	-2786 Oct 27 j 10:50	2° \mathfrak{M} 32'15	
	-2788 Jun 05 j 00:17	0° \mathbb{I}			-2786 Nov 29 j 19:16	0° \mathfrak{L}	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2786 Dec 01 j 06:46	1°♌30'07	46°50'45		-2783 Aug 04 j 04:29	0°♍	
	-2786 Dec 27 j 14:31	0°♍			-2783 Aug 30 j 10:23	0°♌	
	-2785 Jan 22 j 15:23	0°♌		evening max el	-2783 Sep 24 j 02:19	26°♌22'38	47°30'20
desc. node	-2785 Feb 16 j 04:57	28°♌58'55			-2783 Sep 27 j 17:28	0°♍	
	-2785 Feb 17 j 01:32	0°♌		greatest brilliancy	-2783 Nov 01 j 16:47	27°♍06'47	-4.7m
	-2785 Mar 14 j 04:48	0°♍			-2783 Nov 13 j 04:58	0°♌	
	-2785 Apr 08 j 03:29	0°♌		retrograde	-2783 Nov 14 j 02:03	0°♌00'58	
	-2785 May 02 j 21:56	0°♍			-2783 Nov 14 j 23:03	30°♍	
	-2785 May 27 j 11:50	0°♌		asc. node	-2783 Nov 23 j 22:34	27°♍58'53	
morning set	-2785 Jun 01 j 05:08	5°♌47'32		evening set	-2783 Nov 28 j 14:26	25°♍44'20	
asc. node	-2785 Jun 09 j 04:18	15°♌35'11		min. Earth dist.	-2783 Dec 03 j 21:03	22°♍36'48	0.26759 AU
	-2785 Jun 20 j 20:44	0°♍		inferior conj	-2783 Dec 04 j 18:00	22°♍04'20	2°42'42
max. Earth dist.	-2785 Jul 03 j 02:21	15°♍09'21	1.72646 AU	minimum elong	-2783 Dec 04 j 12:16	22°♍13'13	2°40'54
				morning rise	-2783 Dec 10 j 10:50	18°♍40'51	
superior conj	-2785 Jul 07 j 10:23	20°♍32'24	1°00'00	direct	-2783 Dec 25 j 02:13	14°♍22'24	
minimum elong	-2785 Jul 07 j 01:38	20°♍05'13	0°59'47	greatest brilliancy	-2782 Jan 04 j 23:06	16°♍35'29	-4.6m
	-2785 Jul 15 j 00:54	0°♌			-2782 Jan 26 j 04:46	0°♌	
	-2785 Aug 08 j 01:40	0°♌		morning max el	-2782 Feb 12 j 15:57	15°♌48'03	46°16'24
evening rise	-2785 Aug 13 j 03:10	6°♌19'57			-2782 Feb 26 j 15:52	0°♌	
	-2785 Sep 01 j 01:01	0°♍		desc. node	-2782 Mar 15 j 16:45	18°♌20'14	
	-2785 Sep 25 j 00:58	0°♌			-2782 Mar 26 j 04:19	0°♍	
desc. node	-2785 Sep 28 j 21:19	4°♌48'09			-2782 Apr 21 j 09:40	0°♌	
	-2785 Oct 19 j 03:05	0°♍			-2782 May 16 j 22:20	0°♍	
	-2785 Nov 12 j 09:00	0°♌			-2782 Jun 10 j 23:03	0°♌	
	-2785 Dec 06 j 22:02	0°♌			-2782 Jul 05 j 13:37	0°♍	
	-2784 Jan 01 j 01:27	0°♍		asc. node	-2782 Jul 06 j 16:10	1°♍21'36	
asc. node	-2784 Jan 19 j 19:59	21°♍32'03			-2782 Jul 29 j 19:30	0°♌	
	-2784 Jan 27 j 11:48	0°♌		morning set	-2782 Aug 02 j 21:08	12°♌33'55	
evening max el	-2784 Feb 16 j 17:42	21°♌00'22	45°33'13		-2782 Aug 28 j 18:56	0°♌	
	-2784 Feb 26 j 08:57	0°♍		max. Earth dist.	-2782 Sep 15 j 08:28	29°♌39'54	1.71075 AU
greatest brilliancy	-2784 Mar 21 j 19:54	17°♍25'36	-4.5m		-2782 Sep 15 j 14:51	0°♍	
retrograde	-2784 Apr 05 j 10:49	21°♍10'07					
evening set	-2784 Apr 21 j 02:02	16°♍29'01		superior conj	-2782 Sep 16 j 06:11	0°♍48'21	1°16'00
inferior conj	-2784 Apr 26 j 22:26	12°♍57'32	3°04'07	minimum elong	-2782 Sep 16 j 14:34	1°♍14'46	1°15'52
minimum elong	-2784 Apr 27 j 04:40	12°♍47'47	3°02'29		-2782 Oct 09 j 10:05	0°♌	
min. Earth dist.	-2784 Apr 27 j 12:27	12°♍35'35	0.29115 AU	desc. node	-2782 Oct 26 j 09:28	21°♌21'22	
morning rise	-2784 May 03 j 06:53	9°♍07'44		evening rise	-2782 Oct 27 j 12:59	22°♌47'48	
desc. node	-2784 May 10 j 13:48	5°♍52'24			-2782 Nov 02 j 06:39	0°♍	
direct	-2784 May 18 j 16:26	4°♍34'23			-2782 Nov 26 j 05:44	0°♌	
greatest brilliancy	-2784 Jun 01 j 20:38	8°♍02'35	-4.5m		-2782 Dec 20 j 08:24	0°♌	
	-2784 Jul 01 j 19:13	0°♌			-2781 Jan 13 j 16:41	0°♍	
morning max el	-2784 Jul 06 j 19:43	4°♌44'38	46°02'01		-2781 Feb 07 j 10:31	0°♌	
	-2784 Jul 31 j 03:33	0°♍		asc. node	-2781 Feb 16 j 08:08	10°♌37'02	
	-2784 Aug 26 j 10:45	0°♌			-2781 Mar 04 j 20:26	0°♍	
asc. node	-2784 Aug 31 j 13:50	6°♌03'48			-2781 Mar 31 j 10:39	0°♌	
	-2784 Sep 20 j 10:05	0°♌		evening max el	-2781 Apr 28 j 15:17	29°♌02'17	45°13'59
	-2784 Oct 14 j 17:16	0°♍			-2781 Apr 29 j 15:41	0°♍	
	-2784 Nov 07 j 17:33	0°♌		greatest brilliancy	-2781 Jun 03 j 13:31	25°♍36'15	-4.5m
	-2784 Dec 01 j 16:34	0°♍		desc. node	-2781 Jun 08 j 01:31	27°♍10'06	
desc. node	-2784 Dec 21 j 07:19	24°♍30'03		retrograde	-2781 Jun 16 j 01:44	28°♍19'32	
	-2784 Dec 25 j 17:12	0°♌		evening set	-2781 Jul 01 j 18:35	23°♍40'42	
morning set	-2783 Jan 09 j 18:05	18°♌42'32		inferior conj	-2781 Jul 07 j 06:48	20°♍25'18	-6°-14'-7
	-2783 Jan 18 j 20:19	0°♌		minimum elong	-2781 Jul 06 j 20:32	20°♍41'00	6°11'54
	-2783 Feb 12 j 01:51	0°♍		min. Earth dist.	-2781 Jul 07 j 13:35	20°♍14'55	0.28195 AU
				morning rise	-2781 Jul 11 j 22:08	17°♍38'31	
superior conj	-2783 Feb 18 j 14:44	8°♍04'26	-1°-23'-57	direct	-2781 Jul 28 j 17:32	12°♍20'18	
minimum elong	-2783 Feb 18 j 16:13	8°♍08'59	1°24'02	greatest brilliancy	-2781 Aug 12 j 03:07	16°♍01'19	-4.6m
max. Earth dist.	-2783 Feb 21 j 03:37	11°♍12'15	1.73041 AU		-2781 Sep 01 j 09:17	0°♌	
	-2783 Mar 08 j 09:41	0°♌		morning max el	-2781 Sep 16 j 23:58	14°♌39'06	46°40'18
evening rise	-2783 Mar 28 j 07:37	24°♌28'16		asc. node	-2781 Sep 29 j 01:27	27°♌16'46	
	-2783 Apr 01 j 19:50	0°♍			-2781 Oct 01 j 13:26	0°♌	
asc. node	-2783 Apr 13 j 06:20	14°♍00'29			-2781 Oct 27 j 19:06	0°♍	
	-2783 Apr 26 j 08:22	0°♌			-2781 Nov 21 j 18:40	0°♌	
	-2783 May 20 j 23:29	0°♍			-2781 Dec 16 j 07:41	0°♍	
	-2783 Jun 14 j 18:04	0°♌			-2780 Jan 09 j 18:11	0°♌	
	-2783 Jul 09 j 18:15	0°♌		desc. node	-2780 Jan 18 j 19:14	11°♌06'06	
desc. node	-2783 Aug 02 j 23:03	28°♌34'09			-2780 Feb 03 j 04:59	0°♌	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2780 Feb 27 j 16:27	0°♊		retrograde	-2778 Aug 28 j 20:18	10°♍50'13	
morning set	-2780 Mar 22 j 21:05	29°♊38'17		evening set	-2778 Sep 15 j 01:27	5°♍16'29	
	-2780 Mar 23 j 04:11	0°♋		inferior conj	-2778 Sep 18 j 13:43	3°♍10'50	-7°-56'-54
	-2780 Apr 16 j 15:38	0°♌		minimum elong	-2778 Sep 18 j 22:50	2°♍57'01	7°55'30
max. Earth dist.	-2780 Apr 26 j 22:44	12°♌37'46	1.73708 AU	min. Earth dist.	-2778 Sep 19 j 03:32	2°♍49'54	0.26793 AU
				morning rise	-2778 Sep 22 j 19:56	0°♍38'47	
superior conj	-2780 Apr 28 j 06:37	14°♌15'34	0°-28'-47		-2778 Sep 23 j 23:36	30°♍	
minimum elong	-2780 Apr 28 j 12:03	14°♌32'15	0°28'32	direct	-2778 Oct 09 j 02:01	25°♍29'34	
asc. node	-2780 May 10 j 18:23	29°♌36'06		greatest brilliancy	-2778 Oct 22 j 04:40	28°♍40'30	-4.7m
	-2780 May 11 j 02:09	0°♍			-2778 Oct 24 j 20:54	0°♍	
evening rise	-2780 Jun 03 j 01:07	28°♍14'49		asc. node	-2778 Oct 26 j 12:57	0°♍55'17	
	-2780 Jun 04 j 11:16	0°♎		morning max el	-2778 Nov 28 j 20:08	29°♍02'53	46°51'22
	-2780 Jun 28 j 19:02	0°♏			-2778 Nov 29 j 18:26	0°♎	
	-2780 Jul 23 j 02:28	0°♐			-2778 Dec 27 j 07:13	0°♎	
	-2780 Aug 16 j 11:18	0°♑			-2777 Jan 22 j 05:32	0°♏	
desc. node	-2780 Aug 30 j 11:16	17°♑09'23		desc. node	-2777 Feb 15 j 07:10	28°♏27'25	
	-2780 Sep 09 j 23:46	0°♒			-2777 Feb 16 j 14:19	0°♏	
	-2780 Oct 04 j 18:59	0°♓			-2777 Mar 13 j 16:44	0°♊	
	-2780 Oct 30 j 03:39	0°♏			-2777 Apr 07 j 14:52	0°♋	
	-2780 Nov 25 j 20:59	0°♐			-2777 May 02 j 08:59	0°♌	
evening max el	-2780 Dec 04 j 12:05	9°♐01'49	46°56'59		-2777 May 26 j 22:41	0°♍	
asc. node	-2780 Dec 21 j 10:17	25°♐03'33		morning set	-2777 May 29 j 23:50	3°♍44'19	
	-2780 Dec 27 j 11:30	0°♑		asc. node	-2777 Jun 08 j 06:21	15°♍08'13	
greatest brilliancy	-2779 Jan 09 j 15:22	8°♑29'50	-4.6m		-2777 Jun 20 j 07:31	0°♎	
retrograde	-2779 Jan 24 j 03:12	12°♑19'46		max. Earth dist.	-2777 Jun 30 j 23:09	13°♎11'28	1.72701 AU
evening set	-2779 Feb 10 j 22:02	6°♑09'36					
inferior conj	-2779 Feb 14 j 09:14	3°♑57'47	8°23'53	superior conj	-2777 Jul 05 j 04:22	18°♎25'37	0°57'44
minimum elong	-2779 Feb 14 j 09:15	3°♑57'45	8°23'48	minimum elong	-2777 Jul 04 j 19:40	17°♎58'34	0°57'30
min. Earth dist.	-2779 Feb 13 j 21:21	4°♑16'49	0.28773 AU		-2777 Jul 14 j 11:43	0°♏	
morning rise	-2779 Feb 17 j 20:44	1°♑46'05			-2777 Aug 07 j 12:35	0°♐	
	-2779 Feb 20 j 21:27	30°♒		evening rise	-2777 Aug 10 j 18:50	4°♐04'36	
direct	-2779 Mar 07 j 16:26	25°♒42'50			-2777 Aug 31 j 12:09	0°♑	
greatest brilliancy	-2779 Mar 19 j 02:14	28°♒03'34	-4.5m		-2777 Sep 24 j 12:21	0°♑	
	-2779 Mar 23 j 10:01	0°♒		desc. node	-2777 Sep 27 j 23:25	4°♑19'03	
desc. node	-2779 Apr 12 j 04:15	13°♒37'48			-2777 Oct 18 j 14:46	0°♒	
morning max el	-2779 Apr 25 j 10:40	25°♒32'44	45°48'19		-2777 Nov 11 j 21:06	0°♏	
	-2779 Apr 30 j 01:08	0°♋			-2777 Dec 06 j 10:47	0°♐	
	-2779 May 28 j 15:31	0°♌			-2777 Dec 31 j 15:25	0°♑	
	-2779 Jun 24 j 02:55	0°♍		asc. node	-2776 Jan 18 j 22:13	20°♑54'33	
	-2779 Jul 19 j 12:01	0°♎			-2776 Jan 27 j 04:37	0°♋	
asc. node	-2779 Aug 03 j 04:08	17°♎46'12		evening max el	-2776 Feb 14 j 09:17	18°♋48'32	45°35'34
	-2779 Aug 13 j 03:38	0°♏			-2776 Feb 26 j 12:23	0°♌	
	-2779 Sep 06 j 07:24	0°♐		greatest brilliancy	-2776 Mar 19 j 10:48	15°♌16'14	-4.5m
	-2779 Sep 30 j 04:24	0°♑		retrograde	-2776 Apr 03 j 04:11	19°♌03'51	
morning set	-2779 Oct 21 j 19:36	27°♑17'27		evening set	-2776 Apr 18 j 20:45	14°♌18'52	
	-2779 Oct 23 j 23:08	0°♒		inferior conj	-2776 Apr 24 j 15:09	10°♌49'54	3°21'48
	-2779 Nov 16 j 18:39	0°♓		minimum elong	-2776 Apr 24 j 21:52	10°♌39'23	3°20'03
desc. node	-2779 Nov 22 j 21:25	7°♓41'18		min. Earth dist.	-2776 Apr 25 j 04:46	10°♌28'34	0.29135 AU
				morning rise	-2776 Apr 30 j 22:42	7°♌01'32	
superior conj	-2779 Dec 02 j 18:58	20°♓06'37	0°-22'-56	desc. node	-2776 May 09 j 15:49	3°♌20'18	
minimum elong	-2779 Dec 02 j 12:53	19°♓47'30	0°22'44	direct	-2776 May 16 j 09:21	2°♌26'24	
max. Earth dist.	-2779 Dec 07 j 09:03	25°♓51'26	1.71394 AU	greatest brilliancy	-2776 May 30 j 12:42	5°♌54'14	-4.5m
	-2779 Dec 10 j 16:27	0°♏			-2776 Jul 01 j 18:58	0°♍	
	-2778 Jan 03 j 17:07	0°♐		morning max el	-2776 Jul 04 j 12:57	2°♍37'15	46°00'58
evening rise	-2778 Jan 13 j 05:48	11°♐50'55			-2776 Jul 30 j 19:34	0°♎	
	-2778 Jan 27 j 21:12	0°♑			-2776 Aug 26 j 00:17	0°♏	
	-2778 Feb 21 j 05:51	0°♋		asc. node	-2776 Aug 30 j 15:55	5°♏30'39	
asc. node	-2778 Mar 15 j 20:18	27°♋33'16			-2776 Sep 19 j 22:30	0°♐	
	-2778 Mar 17 j 20:44	0°♌			-2776 Oct 14 j 05:08	0°♑	
	-2778 Apr 11 j 20:02	0°♍			-2776 Nov 07 j 05:04	0°♒	
	-2778 May 07 j 07:00	0°♎			-2776 Dec 01 j 03:52	0°♓	
	-2778 Jun 02 j 12:42	0°♏		desc. node	-2776 Dec 20 j 09:25	24°♓01'47	
	-2778 Jun 30 j 08:38	0°♐			-2776 Dec 25 j 04:20	0°♏	
desc. node	-2778 Jul 05 j 13:18	5°♐15'11		morning set	-2775 Jan 07 j 05:11	16°♏13'27	
evening max el	-2778 Jul 10 j 04:03	9°♐47'21	46°18'23		-2775 Jan 18 j 07:19	0°♐	
	-2778 Aug 02 j 15:00	0°♑			-2775 Feb 11 j 12:44	0°♑	
greatest brilliancy	-2778 Aug 18 j 16:36	8°♑56'26	-4.6m				

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2775 Feb 16 j 05:27	5° 48 '11	-1°-24'-9			-2773 Sep 01 j 15:24	0° 5	
minimum elong	-2775 Feb 16 j 06:06	5° 50 '13	1°24'14	morning max el		-2773 Sep 14 j 13:13	12° 5 16'00	46°39'03
max. Earth dist.	-2775 Feb 18 j 20:53	9° 04 '01	1.72994 AU	asc. node		-2773 Sep 28 j 03:30	26° 5 32'26	
	-2775 Mar 07 j 20:29	0° 8				-2773 Oct 01 j 07:16	0° 0	
evening rise	-2775 Mar 26 j 00:48	22° 8 20'43				-2773 Oct 27 j 09:39	0° 0	
	-2775 Apr 01 j 06:38	0° 0				-2773 Nov 21 j 07:45	0° 0	
asc. node	-2775 Apr 12 j 08:20	13° 0 33'25				-2773 Dec 15 j 19:56	0° 0	
	-2775 Apr 25 j 19:18	0° 0				-2772 Jan 09 j 05:53	0° 0	
	-2775 May 20 j 10:47	0° 0		desc. node		-2772 Jan 17 j 21:26	10° 0 37'34	
	-2775 Jun 14 j 05:57	0° 0				-2772 Feb 02 j 16:15	0° 0	
	-2775 Jul 09 j 07:03	0° 0				-2772 Feb 27 j 03:24	0° 0	
desc. node	-2775 Aug 02 j 01:15	27° 0 59'18		morning set		-2772 Mar 20 j 14:25	27° 0 31'22	
	-2775 Aug 03 j 18:46	0° 0				-2772 Mar 22 j 14:56	0° 0	
	-2775 Aug 30 j 03:30	0° 0				-2772 Apr 16 j 02:17	0° 0	
evening max el	-2775 Sep 21 j 17:43	24° 0 02'40	47°29'31	max. Earth dist.		-2772 Apr 24 j 18:49	10° 0 39'31	1.73714 AU
	-2775 Sep 27 j 18:27	0° 0						
greatest brilliancy	-2775 Oct 30 j 08:01	24° 0 42'00	-4.7m	superior conj		-2772 Apr 26 j 01:19	12° 0 13'03	0°-31'-39
retrograde	-2775 Nov 11 j 16:13	27° 0 34'05		minimum elong		-2772 Apr 26 j 07:13	12° 0 31'10	0°31'23
asc. node	-2775 Nov 23 j 00:33	24° 0 53'11		asc. node		-2772 May 09 j 20:28	29° 0 09'44	
evening set	-2775 Nov 26 j 03:01	23° 0 19'12				-2772 May 10 j 12:49	0° 0	
min. Earth dist.	-2775 Dec 01 j 10:46	20° 0 09'58	0.26705 AU	evening rise		-2772 May 31 j 20:26	26° 0 13'23	
inferior conj	-2775 Dec 02 j 07:07	19° 0 38'27	2°20'22			-2772 Jun 03 j 22:02	0° 0	
minimum elong	-2775 Dec 02 j 02:06	19° 0 46'13	2°18'46			-2772 Jun 28 j 06:01	0° 0	
morning rise	-2775 Dec 08 j 02:01	16° 0 12'41				-2772 Jul 22 j 13:46	0° 0	
direct	-2775 Dec 22 j 15:31	11° 0 57'41				-2772 Aug 15 j 23:06	0° 0	
greatest brilliancy	-2774 Jan 02 j 11:49	14° 0 10'42	-4.6m	desc. node		-2772 Aug 29 j 13:19	16° 0 38'29	
	-2774 Jan 26 j 14:21	0° 0				-2772 Sep 09 j 12:15	0° 0	
morning max el	-2774 Feb 10 j 06:24	13° 0 30'01	46°17'38			-2772 Oct 04 j 08:28	0° 0	
	-2774 Feb 26 j 10:22	0° 0				-2772 Oct 29 j 18:51	0° 0	
desc. node	-2774 Mar 14 j 18:49	17° 0 42'40				-2772 Nov 25 j 16:17	0° 0	
	-2774 Mar 25 j 18:53	0° 0		evening max el		-2772 Dec 02 j 02:25	6° 0 41'07	46°59'41
	-2774 Apr 20 j 22:26	0° 0		asc. node		-2772 Dec 20 j 12:33	24° 0 01'10	
	-2774 May 16 j 10:08	0° 0				-2772 Dec 28 j 03:40	0° 0	
	-2774 Jun 10 j 10:18	0° 0		greatest brilliancy		-2771 Jan 07 j 09:29	6° 0 18'35	-4.6m
	-2774 Jul 05 j 00:34	0° 0		retrograde		-2771 Jan 21 j 19:22	10° 0 07'15	
asc. node	-2774 Jul 05 j 18:21	0° 0 54'39		evening set		-2771 Feb 08 j 13:46	3° 0 58'22	
	-2774 Jul 29 j 06:21	0° 0		min. Earth dist.		-2771 Feb 11 j 12:49	2° 0 06'08	0.28720 AU
morning set	-2774 Aug 06 j 12:26	10° 0 17'54		inferior conj		-2771 Feb 12 j 01:35	1° 0 45'41	8°24'00
	-2774 Aug 22 j 05:47	0° 0		minimum elong		-2771 Feb 12 j 00:51	1° 0 46'50	8°23'56
max. Earth dist.	-2774 Sep 12 j 12:30	26° 0 47'03	1.71105 AU			-2771 Feb 14 j 20:12	30° 0 3	
				morning rise		-2771 Feb 15 j 12:11	29° 0 35'18	
superior conj	-2774 Sep 13 j 18:51	28° 0 22'39	1°17'32	direct		-2771 Mar 05 j 07:28	23° 0 31'35	
minimum elong	-2774 Sep 14 j 02:33	28° 0 46'55	1°17'25	greatest brilliancy		-2771 Mar 16 j 16:26	25° 0 51'04	-4.5m
	-2774 Sep 15 j 01:45	0° 0				-2771 Mar 25 j 01:05	0° 0	
	-2774 Oct 08 j 21:03	0° 0		desc. node		-2771 Apr 11 j 06:18	12° 0 39'49	
evening rise	-2774 Oct 24 j 22:09	20° 0 11'06		morning max el		-2771 Apr 23 j 01:23	23° 0 20'05	45°48'39
desc. node	-2774 Oct 25 j 11:30	20° 0 53'01				-2771 Apr 29 j 21:29	0° 0	
	-2774 Nov 01 j 17:43	0° 0				-2771 May 28 j 06:32	0° 0	
	-2774 Nov 25 j 16:53	0° 0				-2771 Jun 23 j 15:56	0° 0	
	-2774 Dec 19 j 19:41	0° 0				-2771 Jul 19 j 00:02	0° 0	
	-2773 Jan 13 j 04:14	0° 0		asc. node		-2771 Aug 02 j 06:16	17° 0 17'03	
	-2773 Feb 06 j 22:37	0° 0				-2771 Aug 12 j 15:08	0° 0	
asc. node	-2773 Feb 15 j 10:14	10° 0 06'27				-2771 Sep 05 j 18:38	0° 0	
	-2773 Mar 04 j 09:41	0° 0				-2771 Sep 29 j 15:33	0° 0	
	-2773 Mar 31 j 02:30	0° 0		morning set		-2771 Oct 19 j 06:10	24° 0 44'20	
evening max el	-2773 Apr 26 j 06:22	26° 0 49'57	45°13'05			-2771 Oct 23 j 10:14	0° 0	
	-2773 Apr 29 j 15:25	0° 0				-2771 Nov 16 j 05:44	0° 0	
greatest brilliancy	-2773 Jun 01 j 02:52	23° 0 21'38	-4.5m	desc. node		-2771 Nov 21 j 23:32	7° 0 13'07	
desc. node	-2773 Jun 07 j 03:39	25° 0 19'32						
retrograde	-2773 Jun 13 j 15:37	26° 0 05'48		superior conj		-2771 Nov 30 j 03:58	17° 0 29'40	0°-19'-3
evening set	-2773 Jun 29 j 06:31	21° 0 30'45		minimum elong		-2771 Nov 29 j 22:50	17° 0 13'34	0°18'53
inferior conj	-2773 Jul 04 j 21:38	18° 0 11'13	-5°-58'-43	max. Earth dist.		-2771 Dec 04 j 12:39	22° 0 57'46	1.71348 AU
minimum elong	-2773 Jul 04 j 11:27	18° 0 26'50	5°56'26			-2771 Dec 10 j 03:31	0° 0	
min. Earth dist.	-2773 Jul 05 j 04:45	18° 0 00'18	0.28233 AU			-2770 Jan 03 j 04:09	0° 0	
morning rise	-2773 Jul 09 j 15:57	15° 0 19'46		evening rise		-2770 Jan 10 j 17:29	9° 0 23'52	
direct	-2773 Jul 26 j 08:36	10° 0 05'30				-2770 Jan 27 j 08:15	0° 0	
greatest brilliancy	-2773 Aug 09 j 18:14	13° 0 45'32	-4.6m			-2770 Feb 20 j 17:00	0° 0	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2770 Mar 14 j 22:21	27° K 04'58		-2768 Sep 19 j 11:09	0° Ω	
	-2770 Mar 17 j 08:10	0° Υ		-2768 Oct 13 j 17:14	0° m	
	-2770 Apr 11 j 08:02	0° B		-2768 Nov 06 j 16:50	0° $\underline{\Omega}$	
	-2770 May 06 j 20:08	0° Π		-2768 Nov 30 j 15:24	0° m	
	-2770 Jun 02 j 04:02	0° S		desc. node	-2768 Dec 19 j 11:37	23° m 33'07
	-2770 Jun 30 j 05:15	0° Ω			-2768 Dec 24 j 15:41	0° J
desc. node	-2770 Jul 04 j 15:30	4° Ω 25'32		morning set	-2767 Jan 04 j 16:03	13° J 43'01
evening max el	-2770 Jul 07 j 16:37	7° Ω 24'07	46°15'22		-2767 Jan 17 j 18:30	0° Z
	-2770 Aug 03 j 15:56	0° m			-2767 Feb 10 j 23:49	0° \approx
greatest brilliancy	-2770 Aug 16 j 03:38	6° m 28'32	-4.6m			
retrograde	-2770 Aug 26 j 08:32	8° m 23'20		superior conj	-2767 Feb 13 j 19:57	3° \approx 30'31 -1°-24'-12
evening set	-2770 Sep 12 j 16:33	2° m 44'46		minimum elong	-2767 Feb 13 j 19:47	3° \approx 30'01 1°24'18
inferior conj	-2770 Sep 16 j 01:59	0° m 43'26	-8°-7'-13	max. Earth dist.	-2767 Feb 16 j 15:48	7° \approx 00'07 1.72948 AU
minimum elong	-2770 Sep 16 j 10:33	0° m 30'28	8°06'01		-2767 Mar 07 j 07:31	0° K
min. Earth dist.	-2770 Sep 16 j 15:59	0° m 22'14	0.26843 AU	evening rise	-2767 Mar 23 j 17:55	20° K 12'05
	-2770 Sep 17 j 06:44	30° R Ω			-2767 Mar 31 j 17:42	0° Υ
morning rise	-2770 Sep 20 j 04:18	28° Ω 17'15		asc. node	-2767 Apr 11 j 10:28	13° Υ 05'53
direct	-2770 Oct 06 j 15:00	23° Ω 01'14			-2767 Apr 25 j 06:32	0° B
greatest brilliancy	-2770 Oct 19 j 19:53	26° Ω 15'06	-4.7m		-2767 May 19 j 22:22	0° Π
asc. node	-2770 Oct 25 j 15:02	29° Ω 22'00			-2767 Jun 13 j 18:08	0° S
	-2770 Oct 26 j 15:33	0° m			-2767 Jul 08 j 20:11	0° Ω
morning max el	-2770 Nov 26 j 10:22	26° m 38'11	46°51'55	desc. node	-2767 Aug 01 j 03:15	27° Ω 22'49
	-2770 Nov 29 j 16:37	0° $\underline{\Omega}$			-2767 Aug 03 j 09:29	0° m
	-2770 Dec 26 j 23:32	0° m			-2767 Aug 29 j 21:22	0° $\underline{\Omega}$
	-2769 Jan 21 j 19:30	0° J		evening max el	-2767 Sep 19 j 08:53	21° $\underline{\Omega}$ 40'48 47°28'19
desc. node	-2769 Feb 14 j 09:10	27° J 55'22			-2767 Sep 27 j 21:22	0° m
	-2769 Feb 16 j 03:00	0° Z		greatest brilliancy	-2767 Oct 28 j 00:09	22° m 16'21 -4.7m
	-2769 Mar 13 j 04:38	0° \approx		retrograde	-2767 Nov 09 j 05:46	25° m 04'45
	-2769 Apr 07 j 02:15	0° K		asc. node	-2767 Nov 22 j 02:50	21° m 40'03
	-2769 May 01 j 20:02	0° Υ		evening set	-2767 Nov 23 j 15:36	20° m 51'39
	-2769 May 26 j 09:33	0° B		min. Earth dist.	-2767 Nov 29 j 00:40	17° m 40'24 0.26650 AU
morning set	-2769 May 27 j 18:39	1° B 41'31		inferior conj	-2767 Nov 29 j 20:00	17° m 10'28 1°57'31
asc. node	-2769 Jun 07 j 08:34	14° B 41'43		minimum elong	-2767 Nov 29 j 15:45	17° m 17'04 1°56'08
	-2769 Jun 19 j 18:20	0° Π		morning rise	-2767 Dec 05 j 16:44	13° m 42'20
max. Earth dist.	-2769 Jun 28 j 19:26	11° Π 11'52	1.72758 AU	direct	-2767 Dec 20 j 04:22	9° m 30'56
				greatest brilliancy	-2767 Dec 31 j 00:37	11° m 43'59 -4.6m
superior conj	-2769 Jul 02 j 22:20	16° Π 18'38	0°55'23		-2766 Jan 26 j 21:54	0° J
minimum elong	-2769 Jul 02 j 13:44	15° Π 51'54	0°55'09	morning max el	-2766 Feb 07 j 19:42	11° J 07'44 46°18'56
	-2769 Jul 13 j 22:37	0° S			-2766 Feb 26 j 04:49	0° Z
	-2769 Aug 06 j 23:40	0° Ω		desc. node	-2766 Mar 13 j 20:55	17° Z 04'32
evening rise	-2769 Aug 08 j 10:27	1° Ω 48'44			-2766 Mar 25 j 09:37	0° \approx
	-2769 Aug 30 j 23:26	0° m			-2766 Apr 20 j 11:28	0° K
	-2769 Sep 23 j 23:53	0° $\underline{\Omega}$			-2766 May 15 j 22:14	0° Υ
desc. node	-2769 Sep 27 j 01:26	3° $\underline{\Omega}$ 49'15			-2766 Jun 09 j 21:52	0° B
	-2769 Oct 18 j 02:35	0° m			-2766 Jul 04 j 11:51	0° Π
	-2769 Nov 11 j 09:20	0° J		asc. node	-2766 Jul 04 j 20:29	0° Π 26'32
	-2769 Dec 05 j 23:41	0° Z			-2766 Jul 28 j 17:31	0° S
	-2769 Dec 31 j 05:37	0° \approx		morning set	-2766 Aug 04 j 04:07	8° S 02'08
asc. node	-2768 Jan 18 j 00:18	20° \approx 15'57			-2766 Aug 21 j 16:56	0° Ω
	-2768 Jan 26 j 21:56	0° K		max. Earth dist.	-2766 Sep 09 j 17:00	23° Ω 54'47 1.71142 AU
evening max el	-2768 Feb 12 j 01:46	16° K 38'20	45°37'53			
	-2768 Feb 26 j 17:53	0° Υ		superior conj	-2766 Sep 11 j 07:53	25° Ω 57'14 1°18'53
greatest brilliancy	-2768 Mar 17 j 02:54	13° Υ 07'56	-4.5m	minimum elong	-2766 Sep 11 j 14:51	26° Ω 19'12 1°18'49
retrograde	-2768 Mar 31 j 21:24	16° Υ 55'56			-2766 Sep 14 j 12:57	0° m
evening set	-2768 Apr 16 j 15:35	12° Υ 08'16			-2766 Oct 08 j 08:22	0° $\underline{\Omega}$
inferior conj	-2768 Apr 22 j 07:52	8° Υ 41'49	3°39'07	evening rise	-2766 Oct 22 j 07:17	17° $\underline{\Omega}$ 33'06
minimum elong	-2768 Apr 22 j 15:02	8° Υ 30'34	3°37'17	desc. node	-2766 Oct 24 j 13:39	20° $\underline{\Omega}$ 23'55
min. Earth dist.	-2768 Apr 22 j 20:56	8° Υ 21'18	0.29151 AU		-2766 Nov 01 j 05:10	0° m
morning rise	-2768 Apr 28 j 14:18	4° Υ 54'59			-2766 Nov 25 j 04:28	0° J
desc. node	-2768 May 08 j 17:56	0° Υ 52'17			-2766 Dec 19 j 07:24	0° Z
direct	-2768 May 14 j 02:31	0° Υ 18'11			-2765 Jan 12 j 16:14	0° \approx
greatest brilliancy	-2768 May 28 j 03:24	3° Υ 43'53	-4.5m		-2765 Feb 06 j 11:12	0° K
	-2768 Jul 01 j 17:51	0° B		asc. node	-2765 Feb 14 j 12:16	9° K 34'21
morning max el	-2768 Jul 02 j 05:51	0° B 28'49	45°59'50		-2765 Mar 03 j 23:29	0° Υ
	-2768 Jul 30 j 11:31	0° Π			-2765 Mar 30 j 19:05	0° B
	-2768 Aug 25 j 13:56	0° S		evening max el	-2765 Apr 23 j 20:47	24° B 34'57 45°12'17
asc. node	-2768 Aug 29 j 17:58	4° S 56'51			-2765 Apr 29 j 16:52	0° Π

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2765 May 29 j 15:34	21° Π 05'16	-4.5m	desc. node	-2763 Nov 21 j 01:43	6° \mathbb{M} 44'31	
desc. node	-2765 Jun 06 j 05:53	23° Π 23'48					
retrograde	-2765 Jun 11 j 05:39	23° Π 51'29		superior conj	-2763 Nov 27 j 13:16	14° \mathbb{M} 52'57	0°-15'-9
evening set	-2765 Jun 26 j 18:38	19° Π 19'40		minimum elong	-2763 Nov 27 j 09:08	14° \mathbb{M} 39'59	0°15'01
inferior conj	-2765 Jul 02 j 12:34	15° Π 56'28	-5°-42'-46	behind sun begin	-2763 Nov 26 j 22:16	14° \mathbb{M} 05'54	
minimum elong	-2765 Jul 02 j 02:30	16° Π 11'54	5°40'26	behind sun end	-2763 Nov 27 j 20:00	15° \mathbb{M} 14'04	
min. Earth dist.	-2765 Jul 02 j 20:13	15° Π 44'42	0.28270 AU	max. Earth dist.	-2763 Dec 01 j 18:15	20° \mathbb{M} 09'39	1.71305 AU
morning rise	-2765 Jul 07 j 09:48	13° Π 00'33			-2763 Dec 09 j 14:45	0° \mathcal{X}	
direct	-2765 Jul 23 j 23:24	7° Π 49'50			-2762 Jan 02 j 15:22	0° \mathcal{Z}	
greatest brilliancy	-2765 Aug 07 j 10:21	11° Π 30'19	-4.6m	evening rise	-2762 Jan 08 j 05:20	6° \mathcal{Z} 56'39	
	-2765 Sep 01 j 19:55	0° \mathcal{S}			-2762 Jan 26 j 19:31	0° \approx	
morning max el	-2765 Sep 12 j 02:36	9° \mathcal{S} 52'33	46°37'58		-2762 Feb 20 j 04:24	0° \mathcal{H}	
asc. node	-2765 Sep 27 j 05:41	25° \mathcal{S} 48'11		asc. node	-2762 Mar 14 j 00:28	26° \mathcal{H} 36'04	
	-2765 Oct 01 j 01:00	0° \mathcal{Q}			-2762 Mar 16 j 19:53	0° \mathcal{Y}	
	-2765 Oct 27 j 00:20	0° \mathbb{M}			-2762 Apr 10 j 20:21	0° \mathcal{B}	
	-2765 Nov 20 j 21:05	0° \mathcal{A}			-2762 May 06 j 09:37	0° Π	
	-2765 Dec 15 j 08:32	0° \mathbb{M}			-2762 Jun 01 j 19:50	0° \mathcal{S}	
	-2764 Jan 08 j 17:58	0° \mathcal{X}			-2762 Jun 30 j 02:50	0° \mathcal{Q}	
desc. node	-2764 Jan 16 j 23:26	10° \mathcal{X} 07'05		desc. node	-2762 Jul 03 j 17:29	3° \mathcal{Q} 33'55	
	-2764 Feb 02 j 03:55	0° \mathcal{Z}		evening max el	-2762 Jul 05 j 06:08	5° \mathcal{Q} 02'51	46°12'22
	-2764 Feb 26 j 14:45	0° \approx			-2762 Aug 05 j 03:00	0° \mathbb{M}	
morning set	-2764 Mar 18 j 07:21	25° \approx 22'01		greatest brilliancy	-2762 Aug 13 j 14:00	3° \mathbb{M} 59'48	-4.6m
	-2764 Mar 22 j 02:04	0° \mathcal{H}		retrograde	-2762 Aug 23 j 21:04	5° \mathbb{M} 56'04	
	-2764 Apr 15 j 13:19	0° \mathcal{Y}		evening set	-2762 Sep 10 j 07:31	0° \mathbb{M} 13'04	
max. Earth dist.	-2764 Apr 22 j 15:03	8° \mathcal{Y} 40'35	1.73719 AU		-2762 Sep 10 j 16:28	30° \mathcal{R} \mathcal{Q}	
				inferior conj	-2762 Sep 13 j 14:15	28° \mathcal{Q} 15'40	-8°-16'-35
superior conj	-2764 Apr 23 j 19:52	10° \mathcal{Y} 09'01	0°-34'-29	minimum elong	-2762 Sep 13 j 22:12	28° \mathcal{Q} 03'40	8°15'35
minimum elong	-2764 Apr 24 j 02:14	10° \mathcal{Y} 28'31	0°34'13	min. Earth dist.	-2762 Sep 14 j 04:08	27° \mathcal{Q} 54'42	0.26892 AU
asc. node	-2764 May 08 j 22:39	28° \mathcal{Y} 42'35		morning rise	-2762 Sep 17 j 12:40	25° \mathcal{Q} 55'17	
	-2764 May 09 j 23:51	0° \mathcal{B}		direct	-2762 Oct 04 j 04:30	20° \mathcal{Q} 32'44	
evening rise	-2764 May 29 j 15:49	24° \mathcal{B} 11'05		greatest brilliancy	-2762 Oct 17 j 10:13	23° \mathcal{Q} 48'12	-4.7m
	-2764 Jun 03 j 09:11	0° Π		asc. node	-2762 Oct 24 j 17:13	27° \mathcal{Q} 51'46	
	-2764 Jun 27 j 17:23	0° \mathcal{S}			-2762 Oct 27 j 21:12	0° \mathbb{M}	
	-2764 Jul 22 j 01:29	0° \mathcal{Q}		morning max el	-2762 Nov 24 j 01:07	24° \mathbb{M} 14'31	46°52'31
	-2764 Aug 15 j 11:17	0° \mathbb{M}			-2762 Nov 29 j 14:05	0° \mathcal{A}	
desc. node	-2764 Aug 28 j 15:24	16° \mathbb{M} 06'41			-2762 Dec 26 j 15:39	0° \mathbb{M}	
	-2764 Sep 09 j 01:06	0° \mathcal{A}			-2761 Jan 21 j 09:23	0° \mathcal{X}	
	-2764 Oct 03 j 22:19	0° \mathbb{M}		desc. node	-2761 Feb 13 j 11:16	27° \mathcal{X} 23'38	
	-2764 Oct 29 j 10:32	0° \mathcal{X}			-2761 Feb 15 j 15:41	0° \mathcal{Z}	
	-2764 Nov 25 j 12:29	0° \mathcal{Z}			-2761 Mar 12 j 16:35	0° \approx	
evening max el	-2764 Nov 29 j 16:46	4° \mathcal{Z} 19'25	47°02'12		-2761 Apr 06 j 13:43	0° \mathcal{H}	
asc. node	-2764 Dec 19 j 14:37	22° \mathcal{Z} 55'33			-2761 May 01 j 07:11	0° \mathcal{Y}	
	-2764 Dec 29 j 02:21	0° \approx		morning set	-2761 May 25 j 13:29	29° \mathcal{Y} 38'28	
greatest brilliancy	-2763 Jan 05 j 02:29	4° \approx 04'19	-4.6m		-2761 May 25 j 20:30	0° \mathcal{B}	
retrograde	-2763 Jan 19 j 11:45	7° \approx 53'07		asc. node	-2761 Jun 06 j 10:38	14° \mathcal{B} 14'24	
evening set	-2763 Feb 06 j 05:01	1° \approx 45'45			-2761 Jun 19 j 05:14	0° Π	
min. Earth dist.	-2763 Feb 09 j 04:04	29° \mathcal{Z} 53'47	0.28667 AU	max. Earth dist.	-2761 Jun 26 j 14:23	9° Π 08'04	1.72812 AU
	-2763 Feb 09 j 00:10	30° \mathcal{R} \mathcal{Z}					
inferior conj	-2763 Feb 09 j 17:47	29° \mathcal{Z} 31'49	8°23'22	superior conj	-2761 Jun 30 j 16:19	14° Π 11'35	0°52'57
minimum elong	-2763 Feb 09 j 16:19	29° \mathcal{Z} 34'10	8°23'16	minimum elong	-2761 Jun 30 j 07:52	13° Π 45'23	0°52'43
morning rise	-2763 Feb 13 j 03:51	27° \mathcal{Z} 22'22			-2761 Jul 13 j 09:35	0° \mathcal{S}	
direct	-2763 Mar 02 j 22:17	21° \mathcal{Z} 18'27		evening rise	-2761 Aug 06 j 02:13	29° \mathcal{S} 33'13	
greatest brilliancy	-2763 Mar 14 j 07:03	23° \mathcal{Z} 37'33	-4.5m		-2761 Aug 06 j 10:47	0° \mathcal{Q}	
	-2763 Mar 26 j 05:07	0° \approx			-2761 Aug 30 j 10:47	0° \mathbb{M}	
desc. node	-2763 Apr 10 j 08:28	11° \approx 42'12			-2761 Sep 23 j 11:29	0° \mathcal{A}	
morning max el	-2763 Apr 20 j 16:54	21° \approx 08'07	45°49'06	desc. node	-2761 Sep 26 j 03:36	3° \mathcal{A} 19'44	
	-2763 Apr 29 j 17:40	0° \mathcal{H}			-2761 Oct 17 j 14:30	0° \mathbb{M}	
	-2763 May 27 j 21:42	0° \mathcal{Y}			-2761 Nov 10 j 21:39	0° \mathcal{X}	
	-2763 Jun 23 j 05:09	0° \mathcal{B}			-2761 Dec 05 j 12:40	0° \mathcal{Z}	
	-2763 Jul 18 j 12:18	0° Π			-2761 Dec 30 j 19:54	0° \approx	
asc. node	-2763 Aug 01 j 08:14	16° Π 46'39		asc. node	-2760 Jan 17 j 02:21	19° \approx 37'14	
	-2763 Aug 12 j 02:54	0° \mathcal{S}			-2760 Jan 26 j 15:29	0° \mathcal{H}	
	-2763 Sep 05 j 06:09	0° \mathcal{Q}		evening max el	-2760 Feb 09 j 18:25	14° \mathcal{H} 28'46	45°40'08
	-2763 Sep 29 j 02:56	0° \mathbb{M}			-2760 Feb 27 j 01:27	0° \mathcal{Y}	
morning set	-2763 Oct 16 j 17:17	22° \mathbb{M} 12'08		greatest brilliancy	-2760 Mar 14 j 19:59	11° \mathcal{Y} 01'19	-4.5m
	-2763 Oct 22 j 21:34	0° \mathcal{A}		retrograde	-2760 Mar 29 j 14:20	14° \mathcal{Y} 48'56	
	-2763 Nov 15 j 17:01	0° \mathbb{M}		evening set	-2760 Apr 14 j 10:39	9° \mathcal{Y} 58'13	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2760 Apr 20 j 00:45	6°Υ34'18	3°56'01		-2758 Sep 13 j 23:55	0°Π	
minimum elong	-2760 Apr 20 j 08:18	6°Υ22'24	3°54'07		-2758 Oct 07 j 19:26	0°Ω	
min. Earth dist.	-2760 Apr 20 j 13:22	6°Υ14'28	0.29167 AU	evening rise	-2758 Oct 19 j 16:26	14°Ω56'05	
morning rise	-2760 Apr 26 j 05:52	2°Υ49'00		desc. node	-2758 Oct 23 j 15:46	19°Ω55'33	
	-2760 May 02 j 05:05	30°Rκ			-2758 Oct 31 j 16:21	0°Π	
desc. node	-2760 May 07 j 20:07	28°κ29'25			-2758 Nov 24 j 15:47	0°χ	
direct	-2760 May 11 j 19:52	28°κ10'37			-2758 Dec 18 j 18:53	0°Θ	
	-2760 May 21 j 20:56	0°Υ			-2757 Jan 12 j 04:00	0°≈	
greatest brilliancy	-2760 May 25 j 17:26	1°Υ32'54	-4.5m		-2757 Feb 05 j 23:33	0°κ	
morning max el	-2760 Jun 29 j 22:16	28°Υ19'23	45°58'40	asc. node	-2757 Feb 13 j 14:29	9°κ03'32	
	-2760 Jul 01 j 15:49	0°Ϡ			-2757 Mar 03 j 13:04	0°Υ	
	-2760 Jul 30 j 03:10	0°Π			-2757 Mar 30 j 11:32	0°Ϡ	
	-2760 Aug 25 j 03:25	0°Ω		evening max el	-2757 Apr 21 j 11:05	22°Ϡ21'06	45°11'43
asc. node	-2760 Aug 28 j 20:12	4°Ω23'57			-2757 Apr 29 j 19:06	0°Π	
	-2760 Sep 18 j 23:38	0°Ω		greatest brilliancy	-2757 May 27 j 03:08	18°Π49'16	-4.5m
	-2760 Oct 13 j 05:12	0°Π		desc. node	-2757 Jun 05 j 07:48	21°Π25'15	
	-2760 Nov 06 j 04:29	0°Ω		retrograde	-2757 Jun 08 j 20:13	21°Π39'12	
	-2760 Nov 30 j 02:49	0°Π		evening set	-2757 Jun 24 j 07:07	17°Π09'56	
desc. node	-2760 Dec 18 j 13:35	23°Π03'58		inferior conj	-2757 Jun 30 j 03:39	13°Π43'25	-5°-26'-28
	-2760 Dec 24 j 02:56	0°χ		minimum elong	-2757 Jun 29 j 17:46	13°Π58'34	5°24'06
morning set	-2759 Jan 02 j 03:02	11°χ13'07		min. Earth dist.	-2757 Jun 30 j 11:38	13°Π31'10	0.28312 AU
	-2759 Jan 17 j 05:35	0°Θ		morning rise	-2757 Jul 05 j 03:49	10°Π43'20	
	-2759 Feb 10 j 10:45	0°≈		direct	-2757 Jul 21 j 14:31	5°Π35'43	
				greatest brilliancy	-2757 Aug 05 j 03:46	9°Π18'18	-4.6m
					-2757 Sep 01 j 22:21	0°Ω	
superior conj	-2759 Feb 11 j 10:36	1°≈13'45	-1°-24'-8		-2757 Sep 09 j 17:02	7°Ω32'51	46°36'46
minimum elong	-2759 Feb 11 j 09:36	1°≈10'38	1°24'13	morning max el	-2757 Sep 26 j 07:49	25°Ω05'15	
max. Earth dist.	-2759 Feb 14 j 11:46	4°≈59'50	1.72895 AU	asc. node	-2757 Sep 30 j 18:04	0°Ω	
	-2759 Mar 06 j 18:21	0°κ			-2757 Oct 26 j 14:35	0°Π	
evening rise	-2759 Mar 21 j 11:12	18°κ04'28			-2757 Nov 20 j 10:02	0°Ω	
	-2759 Mar 31 j 04:34	0°Υ			-2757 Dec 14 j 20:44	0°Π	
asc. node	-2759 Apr 10 j 12:40	12°Υ39'08			-2756 Jan 08 j 05:39	0°χ	
	-2759 Apr 24 j 17:37	0°Ϡ			-2756 Jan 16 j 01:32	9°χ38'00	
	-2759 May 19 j 09:49	0°Π		desc. node	-2756 Feb 01 j 15:14	0°Θ	
	-2759 Jun 13 j 06:12	0°Ω			-2756 Feb 26 j 01:46	0°≈	
desc. node	-2759 Jul 08 j 09:14	0°Ω			-2756 Mar 16 j 00:09	23°≈13'06	
	-2759 Jul 31 j 05:21	26°Ω46'54		morning set	-2756 Mar 21 j 12:53	0°κ	
	-2759 Aug 03 j 00:11	0°Π			-2756 Apr 15 j 00:00	0°Υ	
	-2759 Aug 29 j 15:25	0°Ω			-2756 Apr 20 j 12:07	6°Υ45'17	1.73718 AU
evening max el	-2759 Sep 16 j 23:14	19°Ω17'27	47°27'00				
	-2759 Sep 28 j 01:37	0°Π					
greatest brilliancy	-2759 Oct 25 j 16:45	19°Π51'48	-4.7m	superior conj	-2756 Apr 21 j 14:30	8°Υ06'13	0°-37'-17
retrograde	-2759 Nov 06 j 18:38	22°Π35'50		minimum elong	-2756 Apr 21 j 21:17	8°Υ27'02	0°36'59
evening set	-2759 Nov 21 j 04:21	18°Π24'14		asc. node	-2756 May 08 j 00:43	28°Υ16'11	
asc. node	-2759 Nov 21 j 04:55	18°Π23'28			-2756 May 09 j 10:30	0°Ϡ	
min. Earth dist.	-2759 Nov 26 j 14:59	15°Π10'45	0.26601 AU	evening rise	-2756 May 27 j 11:24	22°Ϡ10'45	
inferior conj	-2759 Nov 27 j 08:51	14°Π43'02	1°34'20		-2756 Jun 02 j 19:55	0°Π	
minimum elong	-2759 Nov 27 j 05:25	14°Π48'23	1°33'11		-2756 Jun 27 j 04:21	0°Ω	
morning rise	-2759 Dec 03 j 07:15	11°Π12'33			-2756 Jul 21 j 12:50	0°Ω	
direct	-2759 Dec 17 j 16:44	7°Π04'27			-2756 Aug 14 j 23:11	0°Π	
greatest brilliancy	-2759 Dec 28 j 14:28	9°Π18'38	-4.6m	desc. node	-2756 Aug 27 j 17:34	15°Π35'57	
	-2758 Jan 27 j 03:02	0°χ			-2756 Sep 08 j 13:43	0°Ω	
morning max el	-2758 Feb 05 j 08:25	8°χ44'17	46°20'26		-2756 Oct 03 j 12:01	0°Π	
	-2758 Feb 25 j 22:34	0°Θ			-2756 Oct 29 j 02:12	0°χ	
desc. node	-2758 Mar 12 j 23:04	16°Θ27'37			-2756 Nov 25 j 09:03	0°Θ	
	-2758 Mar 24 j 23:53	0°≈		evening max el	-2756 Nov 27 j 07:43	1°Θ59'57	47°04'49
	-2758 Apr 20 j 00:05	0°κ		asc. node	-2756 Dec 18 j 16:39	21°Θ48'49	
	-2758 May 15 j 09:58	0°Υ			-2756 Dec 30 j 09:32	0°≈	
	-2758 Jun 09 j 09:07	0°Ϡ		greatest brilliancy	-2755 Jan 02 j 18:33	1°≈49'10	-4.6m
asc. node	-2758 Jul 03 j 22:31	29°Ϡ58'53		retrograde	-2755 Jan 17 j 04:19	5°≈39'05	
	-2758 Jul 03 j 22:53	0°Π			-2755 Feb 03 j 02:18	30°RΘ	
	-2758 Jul 28 j 04:26	0°Ω		evening set	-2755 Feb 03 j 19:44	29°Θ33'30	
morning set	-2758 Aug 01 j 19:46	5°Ω47'05		inferior conj	-2755 Feb 07 j 09:45	27°Θ17'55	8°22'01
	-2758 Aug 21 j 03:51	0°Ω		minimum elong	-2755 Feb 07 j 07:32	27°Θ21'27	8°21'52
max. Earth dist.	-2758 Sep 06 j 23:01	21°Ω08'06	1.71182 AU	min. Earth dist.	-2755 Feb 06 j 18:48	27°Θ41'47	0.28612 AU
				morning rise	-2755 Feb 10 j 19:35	25°Θ09'04	
superior conj	-2758 Sep 08 j 20:56	23°Ω32'40	1°20'05	direct	-2755 Feb 28 j 13:12	19°Θ05'16	
minimum elong	-2758 Sep 09 j 03:10	23°Ω52'17	1°20'03	greatest brilliancy	-2755 Mar 11 j 21:09	21°Θ23'55	-4.5m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2755 Mar 27 j 01:16	0°♊				-2753 Aug 29 j 21:54	0°♎		
desc. node	-2755 Apr 09 j 10:35	10°♊46'26				-2753 Sep 22 j 22:51	0°♏		
morning max el	-2755 Apr 18 j 09:06	18°♊58'42	45°49'40		desc. node	-2753 Sep 25 j 05:41	2°♏50'41		
	-2755 Apr 29 j 12:54	0°♋				-2753 Oct 17 j 02:12	0°♐		
	-2755 May 27 j 12:20	0°♌				-2753 Nov 10 j 09:50	0°♑		
	-2755 Jun 22 j 17:54	0°♍				-2753 Dec 05 j 01:36	0°♒		
	-2755 Jul 18 j 00:08	0°♎				-2753 Dec 30 j 10:17	0°♓		
asc. node	-2755 Jul 31 j 10:30	16°♎18'21			asc. node	-2752 Jan 16 j 04:35	18°♓58'38		
	-2755 Aug 11 j 14:15	0°♏				-2752 Jan 26 j 09:26	0°♋		
	-2755 Sep 04 j 17:18	0°♐			evening max el	-2752 Feb 07 j 10:13	12°♋16'52	45°42'28	
	-2755 Sep 28 j 14:01	0°♑				-2752 Feb 27 j 11:56	0°♌		
morning set	-2755 Oct 14 j 04:16	19°♑40'28			greatest brilliancy	-2752 Mar 12 j 13:25	8°♌54'45	-4.5m	
	-2755 Oct 22 j 08:38	0°♒			retrograde	-2752 Mar 27 j 06:42	12°♌41'29		
	-2755 Nov 15 j 04:03	0°♓			evening set	-2752 Apr 12 j 05:38	7°♌47'38		
desc. node	-2755 Nov 20 j 03:43	6°♓16'07			inferior conj	-2752 Apr 17 j 17:28	4°♌26'28	4°12'42	
					minimum elong	-2752 Apr 18 j 01:23	4°♌13'59	4°10'45	
superior conj	-2755 Nov 24 j 22:00	12°♓15'03	0°-11'-9		min. Earth dist.	-2752 Apr 18 j 05:52	4°♌06'53	0.29180 AU	
minimum elong	-2755 Nov 24 j 18:56	12°♓05'25	0°11'04		morning rise	-2752 Apr 23 j 21:03	0°♌42'46		
behind sun begin	-2755 Nov 23 j 22:44	11°♓01'59				-2752 Apr 25 j 04:37	30°♋		
behind sun end	-2755 Nov 25 j 15:08	13°♓08'50			desc. node	-2752 May 06 j 22:06	26°♋10'40		
max. Earth dist.	-2755 Nov 29 j 01:14	17°♓26'27	1.71265 AU		direct	-2752 May 09 j 12:39	26°♋02'43		
	-2755 Dec 09 j 01:45	0°♌			greatest brilliancy	-2752 May 23 j 07:06	29°♋21'17	-4.5m	
	-2754 Jan 02 j 02:21	0°♍				-2752 May 24 j 16:11	0°♌		
evening rise	-2754 Jan 05 j 16:37	4°♍28'22			morning max el	-2752 Jun 27 j 13:38	26°♌07'31	45°57'37	
	-2754 Jan 26 j 06:32	0°♎				-2752 Jul 01 j 12:56	0°♍		
	-2754 Feb 19 j 15:34	0°♋				-2752 Jul 29 j 18:31	0°♎		
asc. node	-2754 Mar 13 j 02:38	26°♋08'05				-2752 Aug 24 j 16:42	0°♏		
	-2754 Mar 16 j 07:21	0°♌			asc. node	-2752 Aug 27 j 22:16	3°♏51'03		
	-2754 Apr 10 j 08:27	0°♍				-2752 Sep 18 j 11:56	0°♐		
	-2754 May 05 j 22:54	0°♎				-2752 Oct 12 j 16:58	0°♑		
	-2754 Jun 01 j 11:32	0°♏				-2752 Nov 05 j 15:57	0°♒		
	-2754 Jun 30 j 00:46	0°♐				-2752 Nov 29 j 14:06	0°♓		
desc. node	-2754 Jul 02 j 19:38	2°♐42'55			desc. node	-2752 Dec 17 j 15:42	22°♓35'43		
evening max el	-2754 Jul 02 j 20:23	2°♐44'42	46°09'29			-2752 Dec 23 j 14:04	0°♌		
	-2754 Aug 07 j 06:17	0°♑			morning set	-2752 Dec 30 j 13:48	8°♌42'41		
greatest brilliancy	-2754 Aug 11 j 00:28	1°♑33'05	-4.6m			-2751 Jan 16 j 16:37	0°♍		
retrograde	-2754 Aug 21 j 09:33	3°♑30'30							
	-2754 Sep 03 j 18:38	30°♋			superior conj	-2751 Feb 09 j 00:46	28°♍55'22	-1°-23'-54	
evening set	-2754 Sep 07 j 22:27	27°♋43'40			minimum elong	-2751 Feb 08 j 22:53	28°♍49'34	1°23'59	
inferior conj	-2754 Sep 11 j 02:43	25°♋49'42	-8°-24'-58			-2751 Feb 09 j 21:40	0°♎		
minimum elong	-2754 Sep 11 j 09:58	25°♋38'44	8°24'08		max. Earth dist.	-2751 Feb 12 j 06:05	2°♎54'21	1.72843 AU	
min. Earth dist.	-2754 Sep 11 j 16:14	25°♋29'16	0.26944 AU			-2751 Mar 06 j 05:13	0°♋		
morning rise	-2754 Sep 14 j 21:19	23°♋34'47			evening rise	-2751 Mar 19 j 03:48	15°♋54'39		
direct	-2754 Oct 01 j 18:27	18°♋06'14				-2751 Mar 30 j 15:29	0°♌		
greatest brilliancy	-2754 Oct 14 j 23:57	21°♋21'53	-4.7m		asc. node	-2751 Apr 09 j 14:39	12°♌11'38		
asc. node	-2754 Oct 23 j 19:19	26°♋25'40				-2751 Apr 24 j 04:44	0°♍		
	-2754 Oct 28 j 18:13	0°♎				-2751 May 18 j 21:20	0°♎		
morning max el	-2754 Nov 21 j 15:18	21°♎50'08	46°52'43			-2751 Jun 12 j 18:22	0°♏		
	-2754 Nov 29 j 10:36	0°♒				-2751 Jul 07 j 22:25	0°♐		
	-2754 Dec 26 j 07:21	0°♓			desc. node	-2751 Jul 30 j 07:32	26°♐10'48		
	-2753 Jan 20 j 23:01	0°♌				-2751 Aug 02 j 15:07	0°♑		
desc. node	-2753 Feb 12 j 13:28	26°♌52'41				-2751 Aug 29 j 09:54	0°♒		
	-2753 Feb 15 j 04:10	0°♍			evening max el	-2751 Sep 14 j 12:38	16°♒51'53	47°25'44	
	-2753 Mar 12 j 04:20	0°♎				-2751 Sep 28 j 07:42	0°♓		
	-2753 Apr 06 j 00:59	0°♋			greatest brilliancy	-2751 Oct 23 j 09:22	17°♓27'34	-4.7m	
	-2753 Apr 30 j 18:08	0°♌			retrograde	-2751 Nov 04 j 07:15	20°♓07'33		
morning set	-2753 May 23 j 08:12	27°♌35'41			evening set	-2751 Nov 18 j 17:20	15°♓56'48		
	-2753 May 25 j 07:17	0°♍			asc. node	-2751 Nov 20 j 06:56	15°♓04'08		
asc. node	-2753 Jun 05 j 12:41	13°♍47'38			min. Earth dist.	-2751 Nov 24 j 05:33	12°♓41'20	0.26556 AU	
	-2753 Jun 18 j 15:57	0°♎			inferior conj	-2751 Nov 24 j 21:48	12°♓16'11	1°10'55	
max. Earth dist.	-2753 Jun 24 j 07:41	6°♎59'47	1.72862 AU		minimum elong	-2751 Nov 24 j 19:11	12°♓20'14	1°10'02	
					morning rise	-2751 Nov 30 j 21:40	8°♓43'35		
superior conj	-2753 Jun 28 j 10:26	12°♎05'39	0°50'28		direct	-2751 Dec 15 j 04:45	4°♓38'16		
minimum elong	-2753 Jun 28 j 02:11	11°♎40'04	0°50'13		greatest brilliancy	-2751 Dec 26 j 05:12	6°♓54'38	-4.6m	
	-2753 Jul 12 j 20:22	0°♏				-2750 Jan 27 j 06:17	0°♌		
evening rise	-2753 Aug 03 j 18:19	27°♏19'29			morning max el	-2750 Feb 02 j 21:02	6°♌20'28	46°21'46	
	-2753 Aug 05 j 21:43	0°♐				-2750 Feb 25 j 15:57	0°♑		

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2750 Mar 12 j 01:08	15°♄50'34		evening max el	-2748 Nov 24 j 23:49	29°♄42'31	47°07'25
	-2750 Mar 24 j 14:06	0°♁			-2748 Nov 25 j 06:40	0°♄	
	-2750 Apr 19 j 12:47	0°♁		asc. node	-2748 Dec 17 j 18:56	20°♄40'01	
	-2750 May 14 j 21:49	0°♁		greatest brilliancy	-2748 Dec 31 j 11:14	29°♄34'14	-4.6m
	-2750 Jun 08 j 20:30	0°♄			-2747 Jan 01 j 08:34	0°♁	
asc. node	-2750 Jul 03 j 00:42	29°♄31'24		retrograde	-2747 Jan 14 j 21:18	3°♁24'24	
	-2750 Jul 03 j 10:00	0°♄			-2747 Jan 27 j 17:59	30°♄	
	-2750 Jul 27 j 15:28	0°♄		evening set	-2747 Feb 01 j 10:17	27°♄21'09	
morning set	-2750 Jul 30 j 11:17	3°♄31'20		min. Earth dist.	-2747 Feb 04 j 09:17	25°♄29'45	0.28550 AU
	-2750 Aug 20 j 14:53	0°♄		inferior conj	-2747 Feb 05 j 01:46	25°♄03'28	8°19'51
max. Earth dist.	-2750 Sep 04 j 07:32	18°♄28'53	1.71225 AU	minimum elong	-2747 Feb 04 j 22:51	25°♄08'06	8°19'39
				morning rise	-2747 Feb 08 j 11:42	22°♄54'46	
superior conj	-2750 Sep 06 j 10:01	21°♄07'49	1°21'09	direct	-2747 Feb 26 j 04:44	16°♄51'52	
minimum elong	-2750 Sep 06 j 15:28	21°♄24'58	1°21'08	greatest brilliancy	-2747 Mar 09 j 10:14	19°♄08'53	-4.5m
	-2750 Sep 13 j 11:02	0°♄			-2747 Mar 27 j 16:24	0°♁	
	-2750 Oct 07 j 06:39	0°♄		desc. node	-2747 Apr 08 j 12:37	9°♁51'20	
evening rise	-2750 Oct 17 j 01:48	12°♄19'25		morning max el	-2747 Apr 16 j 01:39	16°♁49'45	45°50'08
desc. node	-2750 Oct 22 j 17:45	19°♄26'25			-2747 Apr 29 j 07:48	0°♁	
	-2750 Oct 31 j 03:39	0°♄			-2747 May 27 j 03:01	0°♁	
	-2750 Nov 24 j 03:10	0°♄			-2747 Jun 22 j 06:52	0°♄	
	-2750 Dec 18 j 06:25	0°♄			-2747 Jul 17 j 12:15	0°♄	
	-2749 Jan 11 j 15:50	0°♁		asc. node	-2747 Jul 30 j 12:35	15°♄48'28	
	-2749 Feb 05 j 12:02	0°♁			-2747 Aug 11 j 01:55	0°♄	
asc. node	-2749 Feb 12 j 16:33	8°♄31'54			-2747 Sep 04 j 04:45	0°♄	
	-2749 Mar 03 j 02:54	0°♁			-2747 Sep 28 j 01:23	0°♄	
	-2749 Mar 30 j 04:33	0°♄		morning set	-2747 Oct 11 j 15:19	17°♄08'07	
evening max el	-2749 Apr 19 j 01:50	20°♄07'39	45°11'14		-2747 Oct 21 j 19:58	0°♄	
	-2749 Apr 29 j 23:21	0°♄			-2747 Nov 14 j 15:23	0°♄	
greatest brilliancy	-2749 May 24 j 14:14	16°♄31'55	-4.5m	desc. node	-2747 Nov 19 j 05:49	5°♄47'06	
desc. node	-2749 Jun 04 j 09:59	19°♄21'13					
retrograde	-2749 Jun 06 j 11:14	19°♄26'02		superior conj	-2747 Nov 22 j 06:40	9°♄35'58	0°-7'-8
evening set	-2749 Jun 21 j 19:42	14°♄59'02		minimum elong	-2747 Nov 22 j 04:41	9°♄29'44	0°07'06
inferior conj	-2749 Jun 27 j 18:39	11°♄29'21	-5°-9'-36	behind sun begin	-2747 Nov 21 j 04:01	8°♄12'15	
minimum elong	-2749 Jun 27 j 09:01	11°♄44'05	5°07'13	behind sun end	-2747 Nov 23 j 05:21	10°♄47'13	
min. Earth dist.	-2749 Jun 28 j 02:40	11°♄17'03	0.28353 AU	max. Earth dist.	-2747 Nov 26 j 10:25	14°♄49'05	1.71226 AU
morning rise	-2749 Jul 02 j 21:44	8°♄25'19			-2747 Dec 08 j 13:04	0°♄	
direct	-2749 Jul 19 j 06:00	3°♄20'42			-2746 Jan 01 j 13:39	0°♄	
greatest brilliancy	-2749 Aug 02 j 21:08	7°♄05'37	-4.6m	evening rise	-2746 Jan 03 j 03:49	1°♄58'46	
	-2749 Sep 01 j 23:43	0°♄			-2746 Jan 25 j 17:51	0°♁	
morning max el	-2749 Sep 07 j 08:12	5°♄14'33	46°35'30		-2746 Feb 19 j 02:59	0°♁	
asc. node	-2749 Sep 25 j 09:53	24°♄21'55		asc. node	-2746 Mar 12 j 04:40	25°♄38'58	
	-2749 Sep 30 j 11:04	0°♄			-2746 Mar 15 j 19:04	0°♁	
	-2749 Oct 26 j 04:55	0°♄			-2746 Apr 09 j 20:49	0°♄	
	-2749 Nov 19 j 23:08	0°♄			-2746 May 05 j 12:33	0°♄	
	-2749 Dec 14 j 09:05	0°♄			-2746 Jun 01 j 03:49	0°♄	
	-2748 Jan 07 j 17:29	0°♄			-2746 Jun 30 j 00:04	0°♄	
desc. node	-2748 Jan 15 j 03:43	9°♄08'42		evening max el	-2746 Jun 30 j 10:30	0°♄25'12	46°06'20
	-2748 Feb 01 j 02:40	0°♄		desc. node	-2746 Jul 01 j 21:48	1°♄49'49	
	-2748 Feb 25 j 12:55	0°♁		greatest brilliancy	-2746 Aug 08 j 11:49	29°♄06'13	-4.6m
morning set	-2748 Mar 13 j 17:03	21°♁03'59			-2746 Aug 11 j 07:52	0°♄	
	-2748 Mar 20 j 23:51	0°♁		retrograde	-2746 Aug 18 j 21:33	1°♄03'38	
	-2748 Apr 14 j 10:53	0°♁			-2746 Aug 26 j 04:47	30°♄	
max. Earth dist.	-2748 Apr 18 j 10:35	4°♁53'35	1.73723 AU	evening set	-2746 Sep 05 j 13:06	25°♄13'40	
				inferior conj	-2746 Sep 08 j 15:10	23°♄22'41	-8°-32'-18
superior conj	-2748 Apr 19 j 09:06	6°♁02'39	0°-40'-1	minimum elong	-2746 Sep 08 j 21:40	23°♄12'50	8°31'38
minimum elong	-2748 Apr 19 j 16:17	6°♁24'40	0°39'43	min. Earth dist.	-2746 Sep 09 j 04:32	23°♄02'26	0.26994 AU
asc. node	-2748 May 07 j 02:47	27°♁49'03		morning rise	-2746 Sep 12 j 06:05	21°♄12'53	
	-2748 May 08 j 21:25	0°♄		direct	-2746 Sep 29 j 07:58	15°♄38'44	
evening rise	-2748 May 25 j 06:54	20°♄09'20		greatest brilliancy	-2746 Oct 12 j 13:30	18°♄54'09	-4.7m
	-2748 Jun 02 j 06:58	0°♄		asc. node	-2746 Oct 22 j 21:24	25°♄01'11	
	-2748 Jun 26 j 15:38	0°♄			-2746 Oct 29 j 10:24	0°♄	
	-2748 Jul 21 j 00:30	0°♄		morning max el	-2746 Nov 19 j 04:21	19°♄21'38	46°52'56
	-2748 Aug 14 j 11:24	0°♄			-2746 Nov 29 j 06:50	0°♄	
desc. node	-2748 Aug 26 j 19:35	15°♄03'53			-2746 Dec 25 j 23:09	0°♄	
	-2748 Sep 08 j 02:42	0°♄			-2745 Jan 20 j 12:51	0°♄	
	-2748 Oct 03 j 02:09	0°♄		desc. node	-2745 Feb 11 j 15:26	26°♄20'12	
	-2748 Oct 28 j 18:25	0°♄			-2745 Feb 14 j 16:53	0°♄	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2745 Mar 11 j 16:19	0°♊					-2743 Sep 28 j 16:33	0°♌			
	-2745 Apr 05 j 12:28	0°♋			greatest brilliancy		-2743 Oct 21 j 01:10	15°♌00'46	-4.7m		
	-2745 Apr 30 j 05:17	0°♌			retrograde		-2743 Nov 01 j 19:37	17°♌37'37			
morning set	-2745 May 21 j 03:16	25°♌33'25			evening set		-2743 Nov 16 j 06:11	13°♌27'00			
	-2745 May 24 j 18:15	0°♍			asc. node		-2743 Nov 19 j 09:11	11°♌39'32			
asc. node	-2745 Jun 04 j 14:54	13°♍20'43			inferior conj		-2743 Nov 22 j 10:26	9°♌47'27	0°47'02		
	-2745 Jun 18 j 02:54	0°♎			minimum elong		-2743 Nov 22 j 08:41	9°♌50'09	0°46'25		
max. Earth dist.	-2745 Jun 22 j 01:33	4°♎52'37	1.72918 AU		min. Earth dist.		-2743 Nov 21 j 19:54	10°♌09'55	0.26519 AU		
					morning rise		-2743 Nov 28 j 11:40	6°♌13'09			
superior conj	-2745 Jun 26 j 04:54	10°♎00'09	0°47'56		direct		-2743 Dec 12 j 16:28	2°♌09'53			
minimum elong	-2745 Jun 25 j 20:53	9°♎35'18	0°47'41		greatest brilliancy		-2743 Dec 23 j 20:26	4°♌29'37	-4.6m		
	-2745 Jul 12 j 07:25	0°♏					-2742 Jan 27 j 08:26	0°♐			
evening rise	-2745 Aug 01 j 10:40	25°♏05'44			morning max el		-2742 Jan 31 j 10:01	3°♐56'26	46°23'19		
	-2745 Aug 05 j 08:57	0°♑					-2742 Feb 25 j 09:13	0°♑			
	-2745 Aug 29 j 09:22	0°♒			desc. node		-2742 Mar 11 j 03:14	15°♑13'22			
	-2745 Sep 22 j 10:36	0°♓					-2742 Mar 24 j 04:18	0°♒			
desc. node	-2745 Sep 24 j 07:42	2°♓20'21					-2742 Apr 19 j 01:30	0°♋			
	-2745 Oct 16 j 14:17	0°♌					-2742 May 14 j 09:42	0°♌			
	-2745 Nov 09 j 22:24	0°♍					-2742 Jun 08 j 07:54	0°♍			
	-2745 Dec 04 j 14:56	0°♎			asc. node		-2742 Jul 02 j 02:48	29°♍03'35			
	-2745 Dec 30 j 01:07	0°♏					-2742 Jul 02 j 21:08	0°♎			
asc. node	-2744 Jan 15 j 06:38	18°♏18'18					-2742 Jul 27 j 02:28	0°♏			
	-2744 Jan 26 j 04:07	0°♋			morning set		-2742 Jul 28 j 03:32	1°♏18'03			
evening max el	-2744 Feb 05 j 01:17	10°♋02'12	45°44'55				-2742 Aug 20 j 01:53	0°♑			
	-2744 Feb 28 j 02:23	0°♌			max. Earth dist.		-2742 Sep 01 j 20:03	16°♑02'23	1.71270 AU		
greatest brilliancy	-2744 Mar 10 j 06:45	6°♌47'29	-4.5m								
retrograde	-2744 Mar 24 j 23:07	10°♌34'05			superior conj		-2742 Sep 03 j 23:47	18°♑45'12	1°22'02		
evening set	-2744 Apr 10 j 00:53	5°♌36'51			minimum elong		-2742 Sep 04 j 04:24	18°♑59'46	1°22'02		
inferior conj	-2744 Apr 15 j 10:26	2°♌18'45	4°28'54				-2742 Sep 12 j 22:07	0°♒			
minimum elong	-2744 Apr 15 j 18:40	2°♌05'45	4°26'56				-2742 Oct 06 j 17:52	0°♓			
min. Earth dist.	-2744 Apr 15 j 22:50	1°♌59'10	0.29189 AU		evening rise		-2742 Oct 14 j 11:35	9°♓43'56			
	-2744 Apr 19 j 03:29	30°♋			desc. node		-2742 Oct 21 j 19:56	18°♓57'49			
morning rise	-2744 Apr 21 j 12:20	28°♋36'54					-2742 Oct 30 j 15:01	0°♌			
desc. node	-2744 May 06 j 00:15	23°♋56'37					-2742 Nov 23 j 14:41	0°♍			
direct	-2744 May 07 j 05:08	23°♋54'56					-2742 Dec 17 j 18:06	0°♎			
greatest brilliancy	-2744 May 20 j 21:42	27°♋10'44	-4.5m				-2741 Jan 11 j 03:51	0°♏			
	-2744 May 26 j 09:10	0°♌					-2741 Feb 05 j 00:43	0°♋			
morning max el	-2744 Jun 25 j 04:37	23°♌54'31	45°56'40		asc. node		-2741 Feb 11 j 18:36	7°♋59'46			
	-2744 Jul 01 j 09:27	0°♍					-2741 Mar 02 j 16:59	0°♌			
	-2744 Jul 29 j 09:47	0°♎					-2741 Mar 29 j 21:59	0°♍			
	-2744 Aug 24 j 06:04	0°♏			evening max el		-2741 Apr 16 j 17:24	17°♍56'15	45°10'58		
asc. node	-2744 Aug 27 j 00:19	3°♏17'39					-2741 Apr 30 j 05:33	0°♎			
	-2744 Sep 18 j 00:26	0°♑			greatest brilliancy		-2741 May 22 j 01:51	14°♎15'41	-4.5m		
	-2744 Oct 12 j 05:01	0°♒			desc. node		-2741 Jun 03 j 12:10	17°♎13'01			
	-2744 Nov 05 j 03:42	0°♓			retrograde		-2741 Jun 04 j 02:45	17°♎13'27			
	-2744 Nov 29 j 01:40	0°♌			evening set		-2741 Jun 19 j 08:42	12°♎48'45			
desc. node	-2744 Dec 16 j 17:53	22°♌06'47			inferior conj		-2741 Jun 25 j 09:45	9°♎15'56	-4°-52'-19		
	-2744 Dec 23 j 01:29	0°♍			minimum elong		-2741 Jun 25 j 00:26	9°♎30'11	4°49'58		
morning set	-2744 Dec 28 j 00:07	6°♍09'58			min. Earth dist.		-2741 Jun 25 j 17:34	9°♎03'58	0.28388 AU		
	-2743 Jan 16 j 03:52	0°♎			morning rise		-2741 Jun 30 j 15:40	6°♎08'07			
					direct		-2741 Jul 16 j 22:02	1°♎06'37			
superior conj	-2743 Feb 06 j 14:41	26°♎35'35	-1°-23'-31		greatest brilliancy		-2741 Jul 31 j 13:44	4°♎52'47	-4.6m		
minimum elong	-2743 Feb 06 j 11:57	26°♎27'09	1°23'36				-2741 Sep 01 j 23:37	0°♏			
	-2743 Feb 09 j 08:48	0°♏			morning max el		-2741 Sep 04 j 23:54	2°♏58'28	46°34'18		
max. Earth dist.	-2743 Feb 09 j 22:55	0°♏43'41	1.72787 AU		asc. node		-2741 Sep 24 j 12:02	23°♏39'58			
	-2743 Mar 05 j 16:17	0°♋					-2741 Sep 30 j 03:30	0°♑			
evening rise	-2743 Mar 16 j 20:22	13°♋44'02					-2741 Oct 25 j 18:56	0°♒			
	-2743 Mar 30 j 02:36	0°♌					-2741 Nov 19 j 12:01	0°♓			
asc. node	-2743 Apr 08 j 16:48	11°♌44'04					-2741 Dec 13 j 21:20	0°♌			
	-2743 Apr 23 j 16:02	0°♍					-2740 Jan 07 j 05:16	0°♍			
	-2743 May 18 j 09:01	0°♎			desc. node		-2740 Jan 14 j 05:43	8°♍38'52			
	-2743 Jun 12 j 06:40	0°♏					-2740 Jan 31 j 14:06	0°♎			
	-2743 Jul 07 j 11:46	0°♑					-2740 Feb 25 j 00:04	0°♏			
desc. node	-2743 Jul 29 j 09:32	25°♑33'42			morning set		-2740 Mar 11 j 09:19	18°♏52'53			
	-2743 Aug 02 j 06:20	0°♒					-2740 Mar 20 j 10:47	0°♋			
	-2743 Aug 29 j 05:02	0°♓					-2740 Apr 13 j 21:43	0°♌			
evening max el	-2743 Sep 12 j 01:11	14°♓23'39	47°24'03		max. Earth dist.		-2740 Apr 16 j 09:56	3°♌04'44	1.73719 AU		

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2740 Apr 17 j 03:15	3°Υ57'52	0°-42'-44	morning rise	-2738 Sep 09 j 15:04	18°Ω52'01	
minimum elong	-2740 Apr 17 j 10:47	4°Υ20'59	0°42'26	direct	-2738 Sep 26 j 20:56	13°Ω12'19	
asc. node	-2740 May 06 j 04:58	27°Υ22'33		greatest brilliancy	-2738 Oct 10 j 03:43	16°Ω28'17	-4.7m
	-2740 May 08 j 08:15	0°Ϡ		asc. node	-2738 Oct 21 j 23:36	23°Ω40'37	
evening rise	-2740 May 23 j 02:13	18°Ϡ07'42			-2738 Oct 29 j 22:05	0°൬	
	-2740 Jun 01 j 17:54	0°Π		morning max el	-2738 Nov 16 j 16:37	16°൬52'11	46°53'20
	-2740 Jun 26 j 02:50	0°☿			-2738 Nov 29 j 02:04	0°♄	
	-2740 Jul 20 j 12:04	0°Ω			-2738 Dec 25 j 14:17	0°♌	
	-2740 Aug 13 j 23:28	0°൬			-2737 Jan 20 j 02:08	0°♁	
desc. node	-2740 Aug 25 j 21:41	14°൬32'36		desc. node	-2737 Feb 10 j 17:34	25°♁49'37	
	-2740 Sep 07 j 15:30	0°♄			-2737 Feb 14 j 05:07	0°♄	
	-2740 Oct 02 j 16:04	0°♌			-2737 Mar 11 j 03:55	0°♍	
	-2740 Oct 28 j 10:33	0°♁			-2737 Apr 04 j 23:37	0°♋	
evening max el	-2740 Nov 22 j 16:15	27°♁26'33	47°09'39		-2737 Apr 29 j 16:09	0°Υ	
	-2740 Nov 25 j 04:48	0°♄		morning set	-2737 May 18 j 22:01	23°Υ30'52	
asc. node	-2740 Dec 16 j 20:56	19°♄29'05			-2737 May 24 j 04:59	0°Ϡ	
greatest brilliancy	-2740 Dec 29 j 04:40	27°♄20'16	-4.6m	asc. node	-2737 Jun 03 j 16:57	12°Ϡ54'04	
	-2739 Jan 04 j 21:56	0°♍			-2737 Jun 17 j 13:36	0°Π	
retrograde	-2739 Jan 12 j 14:02	1°♍09'04		max. Earth dist.	-2737 Jun 19 j 19:52	2°Π47'45	1.72972 AU
	-2739 Jan 19 j 23:36	30°♋					
evening set	-2739 Jan 30 j 00:19	25°♄08'53		superior conj	-2737 Jun 23 j 23:07	7°Π54'48	0°45'19
min. Earth dist.	-2739 Feb 01 j 23:31	23°♄17'11	0.28490 AU	minimum elong	-2737 Jun 23 j 15:22	7°Π30'50	0°45'04
inferior conj	-2739 Feb 02 j 17:33	22°♄48'27	8°16'49		-2737 Jul 11 j 18:11	0°☿	
minimum elong	-2739 Feb 02 j 13:56	22°♄54'12	8°16'33	evening rise	-2737 Jul 30 j 03:01	22°☿53'01	
morning rise	-2739 Feb 06 j 03:54	20°♄39'18			-2737 Aug 04 j 19:53	0°Ω	
direct	-2739 Feb 23 j 20:24	14°♄38'04			-2737 Aug 28 j 20:32	0°൬	
greatest brilliancy	-2739 Mar 06 j 22:40	16°♄52'40	-4.5m		-2737 Sep 21 j 22:02	0°♄	
	-2739 Mar 28 j 03:45	0°♍		desc. node	-2737 Sep 23 j 09:53	1°♄51'28	
desc. node	-2739 Apr 07 j 14:48	8°♍57'36			-2737 Oct 16 j 02:05	0°♌	
morning max el	-2739 Apr 13 j 17:39	14°♍39'26	45°50'34		-2737 Nov 09 j 10:39	0°♁	
	-2739 Apr 29 j 02:10	0°♋			-2737 Dec 04 j 03:56	0°♄	
	-2739 May 26 j 17:24	0°Υ			-2737 Dec 29 j 15:39	0°♍	
	-2739 Jun 21 j 19:34	0°Ϡ		asc. node	-2736 Jan 14 j 08:43	17°♍39'00	
	-2739 Jul 17 j 00:05	0°Π			-2736 Jan 25 j 22:46	0°♋	
asc. node	-2739 Jul 29 j 14:35	15°Π19'07		evening max el	-2736 Feb 02 j 15:28	7°♋46'34	45°47'22
	-2739 Aug 10 j 13:20	0°☿			-2736 Feb 28 j 21:05	0°Υ	
	-2739 Sep 03 j 15:57	0°Ω		greatest brilliancy	-2736 Mar 07 j 22:44	4°Υ39'32	-4.5m
	-2739 Sep 27 j 12:29	0°൬		retrograde	-2736 Mar 22 j 15:36	8°Υ27'50	
morning set	-2739 Oct 09 j 02:53	14°൬38'18		evening set	-2736 Apr 07 j 20:07	3°Υ26'44	
	-2739 Oct 21 j 07:01	0°♄		inferior conj	-2736 Apr 13 j 03:24	0°Υ11'55	4°44'37
	-2739 Nov 14 j 02:23	0°♌		minimum elong	-2736 Apr 13 j 11:53	29°♋58'30	4°42'38
desc. node	-2739 Nov 18 j 07:59	5°♌19'23			-2736 Apr 13 j 10:56	30°♋	
				min. Earth dist.	-2736 Apr 13 j 15:48	29°♋52'19	0.29204 AU
superior conj	-2739 Nov 19 j 15:53	6°♌59'35	0°-3'-8	morning rise	-2736 Apr 19 j 03:30	26°♋32'15	
minimum elong	-2739 Nov 19 j 14:59	6°♌56'46	0°03'10	direct	-2736 May 04 j 21:22	21°♋47'44	
behind sun begin	-2739 Nov 18 j 12:18	5°♌32'55		desc. node	-2736 May 05 j 02:25	21°♋47'47	
behind sun end	-2739 Nov 20 j 17:40	8°♌20'35		greatest brilliancy	-2736 May 18 j 13:34	25°♋02'28	-4.5m
max. Earth dist.	-2739 Nov 23 j 21:18	12°♌18'07	1.71186 AU		-2736 May 27 j 13:11	0°Υ	
	-2739 Dec 08 j 00:02	0°♁		morning max el	-2736 Jun 22 j 20:06	21°Υ43'21	45°55'46
evening rise	-2739 Dec 31 j 15:08	29°♁30'24			-2736 Jul 01 j 05:06	0°Ϡ	
	-2738 Jan 01 j 00:38	0°♄			-2736 Jul 29 j 00:38	0°Π	
	-2738 Jan 25 j 04:54	0°♍			-2736 Aug 23 j 19:06	0°☿	
	-2738 Feb 18 j 14:12	0°♋		asc. node	-2736 Aug 26 j 02:33	2°☿45'44	
asc. node	-2738 Mar 11 j 06:48	25°♋10'41			-2736 Sep 17 j 12:35	0°Ω	
	-2738 Mar 15 j 06:38	0°Υ			-2736 Oct 11 j 16:41	0°൬	
	-2738 Apr 09 j 09:05	0°Ϡ			-2736 Nov 04 j 15:07	0°♄	
	-2738 May 05 j 02:09	0°Π			-2736 Nov 28 j 12:54	0°♌	
	-2738 May 31 j 20:11	0°☿		desc. node	-2736 Dec 15 j 19:50	21°♌38'10	
evening max el	-2738 Jun 27 j 23:38	28°☿04'06	46°03'19		-2736 Dec 22 j 12:33	0°♁	
	-2738 Jun 30 j 00:07	0°Ω		morning set	-2736 Dec 25 j 10:28	3°♁38'07	
desc. node	-2738 Jun 30 j 23:48	0°Ω55'57			-2735 Jan 15 j 14:46	0°♄	
greatest brilliancy	-2738 Aug 06 j 00:07	26°Ω41'24	-4.6m				
retrograde	-2738 Aug 16 j 09:09	28°Ω38'00		superior conj	-2735 Feb 04 j 04:44	24°♄17'10	-1°-23'00
evening set	-2738 Sep 03 j 03:30	22°Ω45'23		minimum elong	-2735 Feb 04 j 01:09	24°♄06'06	1°23'04
inferior conj	-2738 Sep 06 j 03:41	20°Ω57'00	-8°-38'-38	max. Earth dist.	-2735 Feb 07 j 14:16	28°♄29'26	1.72729 AU
minimum elong	-2738 Sep 06 j 09:22	20°Ω48'22	8°38'08		-2735 Feb 08 j 19:34	0°♍	
min. Earth dist.	-2738 Sep 06 j 17:11	20°Ω36'29	0.27042 AU		-2735 Mar 05 j 03:00	0°♋	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 34

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2735 Mar 14 j 13:03	11° K 34'55			-2733 Sep 01 j 22:31	0° S	
	-2735 Mar 29 j 13:23	0° Y		morning max el	-2733 Sep 02 j 15:29	0° S 42'13	46°32'51
asc. node	-2735 Apr 07 j 18:59	11° Y 17'36		asc. node	-2733 Sep 23 j 14:11	22° S 58'16	
	-2735 Apr 23 j 03:03	0° B			-2733 Sep 29 j 19:45	0° Q	
	-2735 May 17 j 20:27	0° II			-2733 Oct 25 j 08:54	0° M	
	-2735 Jun 11 j 18:48	0° S			-2733 Nov 19 j 00:52	0° A	
	-2735 Jul 07 j 01:01	0° Q			-2733 Dec 13 j 09:30	0° M	
desc. node	-2735 Jul 28 j 11:39	24° Q 57'12			-2732 Jan 06 j 16:57	0° A	
	-2735 Aug 01 j 21:32	0° M		desc. node	-2732 Jan 13 j 07:51	8° A 09'43	
	-2735 Aug 29 j 00:27	0° A			-2732 Jan 31 j 01:26	0° S	
evening max el	-2735 Sep 09 j 13:55	11° A 56'51	47°22'33		-2732 Feb 24 j 11:09	0° A	
	-2735 Sep 29 j 03:57	0° M		morning set	-2732 Mar 09 j 01:42	16° A 42'16	
greatest brilliancy	-2735 Oct 18 j 15:58	12° M 33'37	-4.7m		-2732 Mar 19 j 21:41	0° K	
retrograde	-2735 Oct 30 j 08:20	15° M 08'39			-2732 Apr 13 j 08:31	0° Y	
evening set	-2735 Nov 13 j 19:14	10° M 57'32					
asc. node	-2735 Nov 18 j 11:15	8° M 14'17		superior conj	-2732 Apr 14 j 21:38	1° Y 53'55	0°-45'-23
inferior conj	-2735 Nov 19 j 23:01	7° M 19'20	0°23'01	minimum elong	-2732 Apr 15 j 05:30	2° Y 18'03	0°45'04
minimum elong	-2735 Nov 19 j 22:09	7° M 20'39	0°22'41	max. Earth dist.	-2732 Apr 14 j 09:31	1° Y 16'42	1.73711 AU
min. Earth dist.	-2735 Nov 19 j 09:51	7° M 39'35	0.26484 AU	asc. node	-2732 May 05 j 07:01	26° Y 55'46	
morning rise	-2735 Nov 26 j 01:30	3° M 43'52			-2732 May 07 j 19:02	0° B	
	-2735 Dec 06 j 09:20	30° R A		evening rise	-2732 May 20 j 21:49	16° B 07'03	
direct	-2735 Dec 10 j 04:33	29° A 42'04			-2732 Jun 01 j 04:48	0° II	
	-2735 Dec 14 j 01:35	0° M			-2732 Jun 25 j 14:00	0° S	
greatest brilliancy	-2735 Dec 21 j 11:14	2° M 04'54	-4.6m		-2732 Jul 19 j 23:40	0° Q	
	-2734 Jan 27 j 08:56	0° A			-2732 Aug 13 j 11:40	0° M	
morning max el	-2734 Jan 29 j 00:03	1° A 35'45	46°24'54		-2732 Aug 24 j 23:51	14° M 01'07	
	-2734 Feb 25 j 01:48	0° S		desc. node	-2732 Sep 07 j 04:30	0° A	
desc. node	-2734 Mar 10 j 05:22	14° S 37'27			-2732 Oct 02 j 06:20	0° M	
	-2734 Mar 23 j 18:03	0° A			-2732 Oct 28 j 03:11	0° A	
	-2734 Apr 18 j 13:50	0° K		evening max el	-2732 Nov 20 j 08:35	25° A 09'39	47°11'57
	-2734 May 13 j 21:17	0° Y			-2732 Nov 25 j 04:04	0° S	
	-2734 Jun 07 j 19:03	0° B		asc. node	-2732 Dec 15 j 23:02	18° S 15'50	
asc. node	-2734 Jul 01 j 04:50	28° B 36'08		greatest brilliancy	-2732 Dec 26 j 23:11	25° S 07'13	-4.6m
	-2734 Jul 02 j 08:05	0° II		retrograde	-2731 Jan 10 j 06:33	28° S 53'08	
morning set	-2734 Jul 25 j 19:39	29° II 04'53		evening set	-2731 Jan 27 j 14:13	22° S 56'41	
	-2734 Jul 26 j 13:21	0° S		min. Earth dist.	-2731 Jan 30 j 14:00	21° S 03'59	0.28423 AU
	-2734 Aug 19 j 12:47	0° Q		inferior conj	-2731 Jan 31 j 09:22	20° S 33'07	8°13'11
max. Earth dist.	-2734 Aug 30 j 07:06	13° Q 31'40	1.71312 AU	minimum elong	-2731 Jan 31 j 05:04	20° S 39'58	8°12'49
				morning rise	-2731 Feb 03 j 20:18	18° S 23'02	
superior conj	-2734 Sep 01 j 13:22	16° Q 22'23	1°22'46	direct	-2731 Feb 21 j 11:57	12° S 24'08	
minimum elong	-2734 Sep 01 j 17:09	16° Q 34'18	1°22'48	greatest brilliancy	-2731 Mar 04 j 10:50	14° S 35'48	-4.5m
	-2734 Sep 12 j 09:06	0° M			-2731 Mar 28 j 12:12	0° A	
	-2734 Oct 06 j 04:58	0° A		desc. node	-2731 Apr 06 j 16:55	8° A 04'41	
evening rise	-2734 Oct 11 j 21:09	7° A 08'15		morning max el	-2731 Apr 11 j 08:51	12° A 27'01	45°51'06
desc. node	-2734 Oct 20 j 22:01	18° A 29'20			-2731 Apr 28 j 20:08	0° K	
	-2734 Oct 30 j 02:14	0° M			-2731 May 26 j 07:41	0° Y	
	-2734 Nov 23 j 02:01	0° A			-2731 Jun 21 j 08:15	0° B	
	-2734 Dec 17 j 05:38	0° S			-2731 Jul 16 j 11:58	0° II	
	-2733 Jan 10 j 15:44	0° A		asc. node	-2731 Jul 28 j 16:51	14° II 50'26	
	-2733 Feb 04 j 13:17	0° K			-2731 Aug 10 j 00:48	0° S	
asc. node	-2733 Feb 10 j 20:48	7° K 28'27			-2731 Sep 03 j 03:15	0° Q	
	-2733 Mar 02 j 07:00	0° Y			-2731 Sep 26 j 23:45	0° M	
	-2733 Mar 29 j 15:33	0° B		morning set	-2731 Oct 06 j 14:21	12° M 07'30	
evening max el	-2733 Apr 14 j 09:42	15° B 47'24	45°10'45		-2731 Oct 20 j 18:16	0° A	
	-2733 Apr 30 j 13:47	0° II			-2731 Nov 13 j 13:38	0° M	
greatest brilliancy	-2733 May 19 j 14:18	12° II 01'23	-4.5m				
retrograde	-2733 Jun 01 j 18:13	15° II 01'36		superior conj	-2731 Nov 17 j 00:40	4° M 21'00	0°00'56
desc. node	-2733 Jun 02 j 14:06	15° II 00'48		minimum elong	-2731 Nov 17 j 00:54	4° M 21'44	0°00'53
evening set	-2733 Jun 16 j 22:02	10° II 39'14		behind sun begin	-2731 Nov 15 j 21:57	2° M 57'01	
inferior conj	-2733 Jun 23 j 00:59	7° II 03'20	-4°-34'-44	behind sun end	-2731 Nov 18 j 03:51	5° M 46'26	
minimum elong	-2733 Jun 22 j 16:01	7° II 17'03	4°32'25	desc. node	-2731 Nov 17 j 10:02	4° M 50'27	
min. Earth dist.	-2733 Jun 23 j 08:30	6° II 51'47	0.28427 AU	max. Earth dist.	-2731 Nov 21 j 03:54	9° M 32'44	1.71147 AU
morning rise	-2733 Jun 28 j 09:35	3° II 51'41			-2731 Dec 07 j 11:17	0° A	
	-2733 Jul 07 j 03:02	30° R B		evening rise	-2731 Dec 29 j 01:48	26° A 59'04	
direct	-2733 Jul 14 j 14:21	28° B 53'27			-2731 Dec 31 j 11:53	0° S	
	-2733 Jul 22 j 07:25	0° II			-2730 Jan 24 j 16:11	0° A	
greatest brilliancy	-2733 Jul 29 j 05:25	2° II 39'15	-4.6m		-2730 Feb 18 j 01:37	0° K	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2730 Mar 10 j 08:58	24° Υ 41'52		-2728 Sep 17 j 00:57	0° Ω	
	-2730 Mar 14 j 18:25	0° Υ		-2728 Oct 11 j 04:35	0° \mathfrak{M}	
	-2730 Apr 08 j 21:35	0° \mathfrak{C}		-2728 Nov 04 j 02:45	0° $\underline{\Omega}$	
	-2730 May 04 j 16:03	0° Π		-2728 Nov 28 j 00:23	0° \mathfrak{M}	
	-2730 May 31 j 13:00	0° \mathfrak{C}		-2728 Dec 14 j 22:00	21° \mathfrak{M} 09'22	
evening max el	-2730 Jun 25 j 12:15	25° \mathfrak{C} 41'40	46°00'26	-2728 Dec 21 j 23:55	0° \mathfrak{C}	
desc. node	-2730 Jun 30 j 01:59	0° Ω 01'15		-2728 Dec 22 j 20:47	1° \mathfrak{C} 05'09	
	-2730 Jun 30 j 01:27	0° Ω		-2727 Jan 15 j 02:01	0° \mathfrak{C}	
greatest brilliancy	-2730 Aug 03 j 12:41	24° Ω 17'18	-4.6m			
retrograde	-2730 Aug 13 j 20:50	26° Ω 13'22		superior conj	-2727 Feb 01 j 18:23	21° \mathfrak{C} 56'18 -1°-22'-20
evening set	-2730 Aug 31 j 17:46	20° Ω 18'27		minimum elong	-2727 Feb 01 j 13:57	21° \mathfrak{C} 42'33 1°22'22
inferior conj	-2730 Sep 03 j 16:32	18° Ω 32'09	-8°-43'-49	max. Earth dist.	-2727 Feb 05 j 03:36	26° \mathfrak{C} 07'42 1.72676 AU
minimum elong	-2730 Sep 03 j 21:21	18° Ω 24'51	8°43'27		-2727 Feb 08 j 06:43	0° \approx
min. Earth dist.	-2730 Sep 04 j 06:20	18° Ω 11'12	0.27095 AU		-2727 Mar 04 j 14:07	0° \mathfrak{K}
morning rise	-2730 Sep 07 j 00:45	16° Ω 31'38		evening rise	-2727 Mar 12 j 05:20	9° \mathfrak{K} 23'17
direct	-2730 Sep 24 j 09:57	10° Ω 46'27			-2727 Mar 29 j 00:34	0° Υ
greatest brilliancy	-2730 Oct 07 j 19:10	14° Ω 04'13	-4.7m	asc. node	-2727 Apr 06 j 20:59	10° Υ 49'28
asc. node	-2730 Oct 21 j 01:41	22° Ω 22'07			-2727 Apr 22 j 14:27	0° \mathfrak{C}
	-2730 Oct 30 j 06:54	0° \mathfrak{M}			-2727 May 17 j 08:16	0° Π
morning max el	-2730 Nov 14 j 04:59	14° \mathfrak{M} 22'10	46°53'27		-2727 Jun 11 j 07:19	0° \mathfrak{C}
	-2730 Nov 28 j 21:05	0° $\underline{\Omega}$			-2727 Jul 06 j 14:42	0° Ω
	-2730 Dec 25 j 05:36	0° \mathfrak{M}		desc. node	-2727 Jul 27 j 13:50	24° Ω 19'36
	-2729 Jan 19 j 15:44	0° \mathfrak{C}			-2727 Aug 01 j 13:17	0° \mathfrak{M}
desc. node	-2729 Feb 09 j 19:45	25° \mathfrak{C} 18'04			-2727 Aug 28 j 20:46	0° $\underline{\Omega}$
	-2729 Feb 13 j 17:42	0° \mathfrak{C}		evening max el	-2727 Sep 07 j 03:45	9° $\underline{\Omega}$ 32'12 47°21'01
	-2729 Mar 10 j 15:48	0° \approx			-2727 Sep 29 j 19:26	0° \mathfrak{M}
	-2729 Apr 04 j 11:03	0° \mathfrak{K}		greatest brilliancy	-2727 Oct 16 j 06:15	10° \mathfrak{M} 05'32 -4.7m
	-2729 Apr 29 j 03:17	0° Υ		retrograde	-2727 Oct 27 j 21:46	12° \mathfrak{M} 39'24
morning set	-2729 May 16 j 16:50	21° Υ 27'46		evening set	-2727 Nov 11 j 08:37	8° \mathfrak{M} 27'31
	-2729 May 23 j 15:58	0° \mathfrak{C}		inferior conj	-2727 Nov 17 j 11:40	4° \mathfrak{M} 50'45 0°-1'-2
asc. node	-2729 Jun 02 j 19:02	12° \mathfrak{C} 26'44		minimum elong	-2727 Nov 17 j 11:42	4° \mathfrak{M} 50'42 0°01'06
	-2729 Jun 17 j 00:34	0° Π		transit middle	-2727 Nov 17 j 11:42	4° \mathfrak{M} 50'42 0°01'06
max. Earth dist.	-2729 Jun 17 j 15:56	0° Π 47'30	1.73024 AU	transit begin	-2727 Nov 17 j 07:39	4° \mathfrak{M} 56'55
				transit end	-2727 Nov 17 j 15:45	4° \mathfrak{M} 44'29
superior conj	-2729 Jun 21 j 17:39	5° Π 49'39	0°42'40	min. Earth dist.	-2727 Nov 16 j 23:36	5° \mathfrak{M} 09'17 0.26453 AU
minimum elong	-2729 Jun 21 j 10:12	5° Π 26'38	0°42'25	asc. node	-2727 Nov 17 j 13:18	4° \mathfrak{M} 48'15
	-2729 Jul 11 j 05:14	0° \mathfrak{C}		morning rise	-2727 Nov 23 j 15:14	1° \mathfrak{M} 14'33
evening rise	-2729 Jul 27 j 19:56	20° \mathfrak{C} 41'26			-2727 Nov 26 j 03:00	30° \mathfrak{R} $\underline{\Omega}$
	-2729 Aug 04 j 07:04	0° Ω		direct	-2727 Dec 07 j 17:13	27° $\underline{\Omega}$ 13'58
	-2729 Aug 28 j 07:55	0° \mathfrak{M}		greatest brilliancy	-2727 Dec 19 j 01:06	29° $\underline{\Omega}$ 38'42 -4.6m
	-2729 Sep 21 j 09:43	0° $\underline{\Omega}$			-2727 Dec 19 j 21:34	0° \mathfrak{M}
desc. node	-2729 Sep 22 j 11:57	1° $\underline{\Omega}$ 21'34		morning max el	-2726 Jan 26 j 14:47	29° \mathfrak{M} 16'04 46°26'15
	-2729 Oct 15 j 14:09	0° \mathfrak{M}			-2726 Jan 27 j 08:34	0° \mathfrak{C}
	-2729 Nov 08 j 23:16	0° \mathfrak{C}			-2726 Feb 24 j 18:24	0° \mathfrak{C}
	-2729 Dec 03 j 17:24	0° \mathfrak{C}		desc. node	-2726 Mar 09 j 07:27	14° \mathfrak{C} 00'38
	-2729 Dec 29 j 06:50	0° \approx			-2726 Mar 23 j 08:02	0° \approx
asc. node	-2728 Jan 13 j 10:57	16° \approx 58'13			-2726 Apr 18 j 02:30	0° \mathfrak{K}
	-2728 Jan 25 j 18:31	0° \mathfrak{K}			-2726 May 13 j 09:12	0° Υ
evening max el	-2728 Jan 31 j 05:47	5° \mathfrak{K} 29'45	45°50'02		-2726 Jun 07 j 06:31	0° \mathfrak{C}
	-2728 Feb 29 j 23:47	0° Υ		asc. node	-2726 Jun 30 j 07:04	28° \mathfrak{C} 08'31
greatest brilliancy	-2728 Mar 05 j 13:58	2° Υ 29'09	-4.5m		-2726 Jul 01 j 19:18	0° Π
retrograde	-2728 Mar 20 j 08:33	6° Υ 20'19		morning set	-2726 Jul 23 j 11:53	26° Π 51'26
evening set	-2728 Apr 05 j 15:21	1° Υ 15'04			-2726 Jul 26 j 00:28	0° \mathfrak{C}
	-2728 Apr 07 j 17:51	30° \mathfrak{R} \mathfrak{K}			-2726 Aug 18 j 23:56	0° Ω
inferior conj	-2728 Apr 10 j 20:19	28° \mathfrak{K} 03'42	4°59'58	max. Earth dist.	-2726 Aug 27 j 16:28	10° Ω 55'02 1.71358 AU
minimum elong	-2728 Apr 11 j 05:02	27° \mathfrak{K} 49'57	4°58'00			
min. Earth dist.	-2728 Apr 11 j 08:31	27° \mathfrak{K} 44'27	0.29215 AU	superior conj	-2726 Aug 30 j 03:13	13° Ω 59'44 1°23'21
morning rise	-2728 Apr 16 j 18:32	24° \mathfrak{K} 26'41		minimum elong	-2726 Aug 30 j 06:10	14° Ω 09'01 1°23'24
direct	-2728 May 02 j 13:35	19° \mathfrak{K} 39'12			-2726 Sep 11 j 20:20	0° \mathfrak{M}
desc. node	-2728 May 04 j 04:25	19° \mathfrak{K} 42'11			-2726 Oct 05 j 16:19	0° $\underline{\Omega}$
greatest brilliancy	-2728 May 16 j 05:45	22° \mathfrak{K} 53'39	-4.5m	evening rise	-2726 Oct 09 j 06:58	4° $\underline{\Omega}$ 32'28
	-2728 May 28 j 10:09	0° Υ		desc. node	-2726 Oct 20 j 00:03	17° $\underline{\Omega}$ 59'54
morning max el	-2728 Jun 20 j 12:25	19° Υ 33'23	45°54'58		-2726 Oct 29 j 13:41	0° \mathfrak{M}
	-2728 Jul 01 j 00:34	0° \mathfrak{C}			-2726 Nov 22 j 13:35	0° \mathfrak{C}
	-2728 Jul 28 j 15:37	0° Π			-2726 Dec 16 j 17:23	0° \mathfrak{C}
	-2728 Aug 23 j 08:20	0° \mathfrak{C}			-2725 Jan 10 j 03:51	0° \approx
asc. node	-2728 Aug 25 j 04:36	2° \mathfrak{C} 12'32			-2725 Feb 04 j 02:08	0° \mathfrak{K}

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2725 Feb 09 j 22:53	6° Υ 55'58		-2723 Sep 02 j 14:33	0° Ω	
	-2725 Mar 01 j 21:25	0° Υ		-2723 Sep 26 j 10:58	0° η	
	-2725 Mar 29 j 09:52	0° Υ	morning set	-2723 Oct 04 j 01:46	9° η 36'45	
evening max el	-2725 Apr 12 j 02:12	13° Υ 38'06	45°10'30	-2723 Oct 20 j 05:27	0° Ω	
	-2725 May 01 j 01:28	0° Π		-2723 Nov 13 j 00:49	0° \mathcal{M}	
greatest brilliancy	-2725 May 17 j 04:07	9° Π 47'55	-4.5m			
retrograde	-2725 May 30 j 09:20	12° Π 49'04		superior conj	-2723 Nov 14 j 09:28	1° \mathcal{M} 42'41 0°04'59
desc. node	-2725 Jun 01 j 16:19	12° Π 43'00		minimum elong	-2723 Nov 14 j 10:50	1° \mathcal{M} 46'57 0°04'53
evening set	-2725 Jun 14 j 11:42	8° Π 29'05		behind sun begin	-2723 Nov 13 j 08:49	0° \mathcal{M} 25'10
inferior conj	-2725 Jun 20 j 16:18	4° Π 50'25	-4°-16'-53	behind sun end	-2723 Nov 15 j 12:51	3° \mathcal{M} 08'43
minimum elong	-2725 Jun 20 j 07:47	5° Π 03'31	4°14'37	desc. node	-2723 Nov 16 j 12:08	4° \mathcal{M} 21'53
min. Earth dist.	-2725 Jun 20 j 23:52	4° Π 38'47	0.28460 AU	max. Earth dist.	-2723 Nov 18 j 07:48	6° \mathcal{M} 39'05 1.71113 AU
morning rise	-2725 Jun 26 j 03:27	1° Π 34'51			-2723 Dec 06 j 22:29	0° \mathcal{X}
	-2725 Jun 29 j 03:44	30° \mathcal{R} Υ		evening rise	-2723 Dec 26 j 12:20	24° \mathcal{X} 27'27
direct	-2725 Jul 12 j 06:33	26° Υ 40'06			-2723 Dec 30 j 23:05	0° \mathcal{Z}
	-2725 Jul 25 j 23:35	0° Π			-2722 Jan 24 j 03:25	0° \approx
greatest brilliancy	-2725 Jul 26 j 19:56	0° Π 23'49	-4.6m		-2722 Feb 17 j 12:59	0° \mathcal{X}
morning max el	-2725 Aug 31 j 06:14	28° Π 23'42	46°31'21	asc. node	-2722 Mar 09 j 11:00	24° \mathcal{X} 12'53
	-2725 Sep 01 j 20:40	0° \mathcal{S}			-2722 Mar 14 j 06:08	0° Υ
asc. node	-2725 Sep 22 j 16:17	22° \mathcal{S} 16'30			-2722 Apr 08 j 10:03	0° Υ
	-2725 Sep 29 j 11:52	0° Ω			-2722 May 04 j 05:59	0° Π
	-2725 Oct 24 j 22:51	0° η			-2722 May 31 j 06:05	0° \mathcal{S}
	-2725 Nov 18 j 13:46	0° Ω		evening max el	-2722 Jun 23 j 00:25	23° \mathcal{S} 18'24 45°57'29
	-2725 Dec 12 j 21:45	0° \mathcal{M}		desc. node	-2722 Jun 29 j 04:07	29° \mathcal{S} 05'12
	-2724 Jan 06 j 04:44	0° \mathcal{X}			-2722 Jun 30 j 04:11	0° Ω
desc. node	-2724 Jan 12 j 10:01	7° \mathcal{X} 40'23		greatest brilliancy	-2722 Aug 01 j 00:24	21° Ω 52'08 -4.6m
	-2724 Jan 30 j 12:51	0° \mathcal{Z}		retrograde	-2722 Aug 11 j 08:39	23° Ω 48'42
	-2724 Feb 23 j 22:19	0° \approx		evening set	-2722 Aug 29 j 07:28	17° Ω 51'43
morning set	-2724 Mar 06 j 18:08	14° \approx 31'28		inferior conj	-2722 Sep 01 j 05:14	16° Ω 07'04 -8°-48'-3
	-2724 Mar 19 j 08:41	0° \mathcal{X}		minimum elong	-2722 Sep 01 j 09:10	16° Ω 01'07 8°47'47
				min. Earth dist.	-2722 Sep 01 j 19:18	15° Ω 45'44 0.27149 AU
superior conj	-2724 Apr 12 j 15:59	29° \mathcal{X} 49'27	0°-47'-58	morning rise	-2722 Sep 04 j 10:40	14° Ω 10'41
minimum elong	-2724 Apr 13 j 00:07	0° Υ 14'25	0°47'39	direct	-2722 Sep 21 j 22:45	8° Ω 20'13
max. Earth dist.	-2724 Apr 12 j 08:19	29° \mathcal{X} 25'56	1.73704 AU	greatest brilliancy	-2722 Oct 05 j 11:10	11° Ω 41'04 -4.7m
	-2724 Apr 12 j 19:26	0° Υ		asc. node	-2722 Oct 20 j 03:48	21° Ω 06'07
asc. node	-2724 May 04 j 09:09	26° Υ 28'46			-2722 Oct 30 j 13:13	0° η
	-2724 May 07 j 05:57	0° Υ		morning max el	-2722 Nov 11 j 17:59	11° η 54'09 46°53'40
evening rise	-2724 May 18 j 17:12	14° Υ 05'20			-2722 Nov 28 j 15:29	0° Ω
	-2724 May 31 j 15:52	0° Π			-2722 Dec 24 j 20:32	0° \mathcal{M}
	-2724 Jun 25 j 01:19	0° \mathcal{S}			-2721 Jan 19 j 05:02	0° \mathcal{X}
	-2724 Jul 19 j 11:24	0° Ω		desc. node	-2721 Feb 08 j 21:44	24° \mathcal{X} 46'36
	-2724 Aug 12 j 23:59	0° η			-2721 Feb 13 j 06:02	0° \mathcal{Z}
desc. node	-2724 Aug 24 j 01:52	13° η 28'49			-2721 Mar 10 j 03:29	0° \approx
	-2724 Sep 06 j 17:39	0° Ω			-2721 Apr 03 j 22:16	0° \mathcal{X}
	-2724 Oct 01 j 20:47	0° \mathcal{M}			-2721 Apr 28 j 14:12	0° Υ
	-2724 Oct 27 j 20:12	0° \mathcal{X}		morning set	-2721 May 14 j 11:46	19° Υ 25'38
evening max el	-2724 Nov 18 j 00:12	22° \mathcal{X} 50'23	47°14'01		-2721 May 23 j 02:44	0° Υ
	-2724 Nov 25 j 04:32	0° \mathcal{Z}		asc. node	-2721 Jun 01 j 21:15	12° \mathcal{X} 00'31
asc. node	-2724 Dec 15 j 01:19	17° \mathcal{Z} 00'16		max. Earth dist.	-2721 Jun 15 j 13:54	28° \mathcal{X} 53'49 1.73076 AU
greatest brilliancy	-2724 Dec 24 j 18:12	22° \mathcal{Z} 54'06	-4.6m		-2721 Jun 16 j 11:20	0° Π
retrograde	-2723 Jan 07 j 22:31	26° \mathcal{Z} 36'25				
evening set	-2723 Jan 25 j 03:46	20° \mathcal{Z} 44'18		superior conj	-2721 Jun 19 j 12:12	3° Π 45'16 0°39'57
min. Earth dist.	-2723 Jan 28 j 04:48	18° \mathcal{Z} 49'38	0.28352 AU	minimum elong	-2721 Jun 19 j 05:05	3° Π 23'18 0°39'43
inferior conj	-2723 Jan 29 j 01:04	18° \mathcal{Z} 17'17	8°08'41		-2721 Jul 10 j 16:05	0° \mathcal{S}
minimum elong	-2723 Jan 28 j 20:06	18° \mathcal{Z} 25'11	8°08'13	evening rise	-2721 Jul 25 j 12:56	18° \mathcal{S} 30'42
morning rise	-2723 Feb 01 j 12:51	16° \mathcal{Z} 05'46			-2721 Aug 03 j 18:06	0° Ω
direct	-2723 Feb 19 j 02:51	10° \mathcal{Z} 09'43			-2721 Aug 27 j 19:12	0° η
greatest brilliancy	-2723 Mar 01 j 23:24	12° \mathcal{Z} 18'56	-4.5m		-2721 Sep 20 j 21:18	0° Ω
	-2723 Mar 28 j 18:17	0° \approx		desc. node	-2721 Sep 21 j 13:59	0° Ω 51'48
desc. node	-2723 Apr 05 j 18:57	7° \approx 12'33			-2721 Oct 15 j 02:07	0° \mathcal{M}
morning max el	-2723 Apr 08 j 23:06	10° \approx 12'11	45°51'43		-2721 Nov 08 j 11:44	0° \mathcal{X}
	-2723 Apr 28 j 13:41	0° \mathcal{X}			-2721 Dec 03 j 06:44	0° \mathcal{Z}
	-2723 May 25 j 21:49	0° Υ			-2721 Dec 28 j 21:57	0° \approx
	-2723 Jun 20 j 20:54	0° Υ		asc. node	-2720 Jan 12 j 12:59	16° \approx 17'09
	-2723 Jul 15 j 23:51	0° Π			-2720 Jan 25 j 14:34	0° \mathcal{X}
asc. node	-2723 Jul 27 j 18:55	14° Π 21'04		evening max el	-2720 Jan 28 j 20:55	3° \mathcal{X} 15'38 45°52'45
	-2723 Aug 09 j 12:18	0° \mathcal{S}			-2720 Mar 02 j 13:32	0° Υ

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2720 Mar 03 j 05:02	0° Υ 19'13	-4.5m			-2718 Aug 18 j 10:43	0° Ω	
retrograde	-2720 Mar 18 j 01:55	4° Υ 13'20		max. Earth dist.		-2718 Aug 25 j 00:37	8° Ω 15'47	1.71404 AU
	-2720 Apr 01 j 18:31	30° \mathbb{R}						
evening set	-2720 Apr 03 j 10:36	29° \mathbb{X} 03'53		superior conj		-2718 Aug 27 j 17:32	11° Ω 39'49	1°23'48
inferior conj	-2720 Apr 08 j 13:10	25° \mathbb{X} 55'59	5°15'00	minimum elong		-2718 Aug 27 j 19:38	11° Ω 46'25	1°23'50
minimum elong	-2720 Apr 08 j 22:04	25° \mathbb{X} 41'57	5°13'02			-2718 Sep 11 j 07:14	0° \mathbb{M}	
min. Earth dist.	-2720 Apr 09 j 00:51	25° \mathbb{X} 37'33	0.29224 AU			-2718 Oct 05 j 03:21	0° $\underline{\Omega}$	
morning rise	-2720 Apr 14 j 09:23	22° \mathbb{X} 21'58		evening rise		-2718 Oct 06 j 17:01	1° $\underline{\Omega}$ 58'27	
direct	-2720 Apr 30 j 06:06	17° \mathbb{X} 31'16		desc. node		-2718 Oct 19 j 02:13	17° $\underline{\Omega}$ 31'53	
desc. node	-2720 May 03 j 06:36	17° \mathbb{X} 41'39				-2718 Oct 29 j 00:52	0° \mathbb{M}	
greatest brilliancy	-2720 May 13 j 21:34	20° \mathbb{X} 45'18	-4.5m			-2718 Nov 22 j 00:55	0° \mathbb{X}	
	-2720 May 29 j 01:20	0° Υ				-2718 Dec 16 j 04:56	0° \mathbb{Z}	
morning max el	-2720 Jun 18 j 05:30	17° Υ 26'21	45°54'14			-2717 Jan 09 j 15:46	0° \approx	
	-2720 Jun 30 j 19:08	0° \mathbb{X}				-2717 Feb 03 j 14:48	0° \mathbb{X}	
	-2720 Jul 28 j 06:05	0° \mathbb{I}		asc. node		-2717 Feb 09 j 00:57	6° \mathbb{X} 24'02	
	-2720 Aug 22 j 21:11	0° \mathbb{S}				-2717 Mar 01 j 11:42	0° Υ	
asc. node	-2720 Aug 24 j 06:41	1° \mathbb{S} 40'26				-2717 Mar 29 j 04:18	0° \mathbb{X}	
	-2720 Sep 16 j 13:02	0° Ω		evening max el		-2717 Apr 09 j 18:04	11° \mathbb{X} 28'05	45°10'23
	-2720 Oct 10 j 16:16	0° \mathbb{M}				-2717 May 01 j 16:35	0° \mathbb{I}	
	-2720 Nov 03 j 14:12	0° $\underline{\Omega}$		greatest brilliancy		-2717 May 14 j 18:22	7° \mathbb{I} 35'55	-4.5m
	-2720 Nov 27 j 11:39	0° \mathbb{M}		retrograde		-2717 May 27 j 23:54	10° \mathbb{I} 37'41	
desc. node	-2720 Dec 14 j 00:09	20° \mathbb{M} 41'17		desc. node		-2717 May 31 j 18:28	10° \mathbb{I} 21'13	
morning set	-2720 Dec 20 j 06:45	28° \mathbb{M} 31'45		evening set		-2717 Jun 12 j 01:34	6° \mathbb{I} 19'43	
	-2720 Dec 21 j 11:01	0° \mathbb{X}		inferior conj		-2717 Jun 18 j 07:42	2° \mathbb{I} 38'41	-3°-58'-35
	-2719 Jan 14 j 12:58	0° \mathbb{Z}		minimum elong		-2717 Jun 17 j 23:39	2° \mathbb{I} 51'05	3°56'25
				min. Earth dist.		-2717 Jun 18 j 15:41	2° \mathbb{I} 26'23	0.28492 AU
superior conj	-2719 Jan 30 j 07:40	19° \mathbb{Z} 35'04	-1°-21'-30			-2717 Jun 22 j 16:39	30° \mathbb{R}	
minimum elong	-2719 Jan 30 j 02:23	19° \mathbb{Z} 18'41	1°21'32	morning rise		-2717 Jun 23 j 21:14	29° \mathbb{X} 19'15	
max. Earth dist.	-2719 Feb 02 j 17:59	23° \mathbb{Z} 49'59	1.72623 AU	direct		-2717 Jul 09 j 22:23	24° \mathbb{X} 27'48	
	-2719 Feb 07 j 17:34	0° \approx		greatest brilliancy		-2717 Jul 24 j 10:33	28° \mathbb{X} 09'25	-4.6m
	-2719 Mar 04 j 00:57	0° \mathbb{X}				-2717 Jul 27 j 23:25	0° \mathbb{I}	
evening rise	-2719 Mar 09 j 21:30	7° \mathbb{X} 12'13		morning max el		-2717 Aug 28 j 20:11	26° \mathbb{I} 04'14	46°30'03
	-2719 Mar 28 j 11:29	0° Υ				-2717 Sep 01 j 17:39	0° \mathbb{S}	
asc. node	-2719 Apr 05 j 23:09	10° Υ 22'36		asc. node		-2717 Sep 21 j 18:25	21° \mathbb{S} 36'21	
	-2719 Apr 22 j 01:34	0° \mathbb{X}				-2717 Sep 29 j 03:21	0° Ω	
	-2719 May 16 j 19:48	0° \mathbb{I}				-2717 Oct 24 j 12:21	0° \mathbb{M}	
	-2719 Jun 10 j 19:32	0° \mathbb{S}				-2717 Nov 18 j 02:17	0° $\underline{\Omega}$	
	-2719 Jul 06 j 04:06	0° Ω				-2717 Dec 12 j 09:40	0° \mathbb{M}	
desc. node	-2719 Jul 26 j 15:50	23° Ω 42'18				-2716 Jan 05 j 16:15	0° \mathbb{X}	
	-2719 Aug 01 j 04:54	0° \mathbb{M}		desc. node		-2716 Jan 11 j 11:58	7° \mathbb{X} 11'08	
	-2719 Aug 28 j 17:23	0° $\underline{\Omega}$				-2716 Jan 30 j 00:04	0° \mathbb{Z}	
evening max el	-2719 Sep 04 j 18:15	7° $\underline{\Omega}$ 10'13	47°19'07			-2716 Feb 23 j 09:16	0° \approx	
	-2719 Sep 30 j 15:50	0° \mathbb{M}		morning set		-2716 Mar 04 j 10:04	12° \approx 19'44	
greatest brilliancy	-2719 Oct 13 j 20:12	7° \mathbb{M} 37'11	-4.7m			-2716 Mar 18 j 19:27	0° \mathbb{X}	
retrograde	-2719 Oct 25 j 11:00	10° \mathbb{M} 09'28						
evening set	-2719 Nov 08 j 21:54	5° \mathbb{M} 56'51		superior conj		-2716 Apr 10 j 10:02	27° \mathbb{X} 44'50	0°-50'-31
inferior conj	-2719 Nov 14 j 23:56	2° \mathbb{M} 21'34	0°-25'-32	minimum elong		-2716 Apr 10 j 18:24	28° \mathbb{X} 10'30	0°50'12
minimum elong	-2719 Nov 15 j 00:54	2° \mathbb{M} 20'06	0°25'16	max. Earth dist.		-2716 Apr 10 j 05:48	27° \mathbb{X} 31'50	1.73691 AU
min. Earth dist.	-2719 Nov 14 j 12:56	2° \mathbb{M} 38'26	0.26425 AU			-2716 Apr 12 j 06:05	0° Υ	
asc. node	-2719 Nov 16 j 15:34	1° \mathbb{M} 21'05		asc. node		-2716 May 03 j 11:18	26° Υ 02'38	
	-2719 Nov 18 j 22:12	30° \mathbb{R} $\underline{\Omega}$				-2716 May 06 j 16:38	0° \mathbb{X}	
morning rise	-2719 Nov 21 j 04:23	28° $\underline{\Omega}$ 44'46		evening rise		-2716 May 16 j 12:26	12° \mathbb{X} 03'58	
direct	-2719 Dec 05 j 05:55	24° $\underline{\Omega}$ 45'25				-2716 May 31 j 02:42	0° \mathbb{I}	
greatest brilliancy	-2719 Dec 16 j 14:07	27° $\underline{\Omega}$ 11'09	-4.6m			-2716 Jun 24 j 12:27	0° \mathbb{S}	
	-2719 Dec 22 j 09:16	0° \mathbb{M}				-2716 Jul 18 j 22:58	0° Ω	
morning max el	-2718 Jan 24 j 05:10	26° \mathbb{M} 55'48	46°27'39			-2716 Aug 12 j 12:07	0° \mathbb{M}	
	-2718 Jan 27 j 07:02	0° \mathbb{X}		desc. node		-2716 Aug 23 j 03:58	12° \mathbb{M} 57'27	
	-2718 Feb 24 j 10:26	0° \mathbb{Z}				-2716 Sep 06 j 06:36	0° $\underline{\Omega}$	
desc. node	-2718 Mar 08 j 09:33	13° \mathbb{Z} 25'03				-2716 Oct 01 j 11:05	0° \mathbb{M}	
	-2718 Mar 22 j 21:34	0° \approx				-2716 Oct 27 j 13:13	0° \mathbb{X}	
	-2718 Apr 17 j 14:46	0° \mathbb{X}		evening max el		-2716 Nov 15 j 14:50	20° \mathbb{X} 29'21	47°15'55
	-2718 May 12 j 20:44	0° Υ				-2716 Nov 25 j 05:51	0° \mathbb{Z}	
	-2718 Jun 06 j 17:38	0° \mathbb{X}		asc. node		-2716 Dec 14 j 03:17	15° \mathbb{Z} 42'33	
asc. node	-2718 Jun 29 j 09:07	27° \mathbb{X} 41'19		greatest brilliancy		-2716 Dec 22 j 12:38	20° \mathbb{Z} 40'34	-4.6m
	-2718 Jul 01 j 06:11	0° \mathbb{I}		retrograde		-2715 Jan 05 j 14:03	24° \mathbb{Z} 20'03	
morning set	-2718 Jul 21 j 04:28	24° \mathbb{I} 40'10		evening set		-2715 Jan 22 j 17:00	18° \mathbb{Z} 32'28	
	-2718 Jul 25 j 11:15	0° \mathbb{S}		min. Earth dist.		-2715 Jan 25 j 19:55	16° \mathbb{Z} 35'02	0.28284 AU

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2715 Jan 26 j 16:44	16°☾01'47	8°03'17			-2713 Jul 10 j 02:58	0°☾	
minimum elong	-2715 Jan 26 j 11:08	16°☾10'44	8°02'42	evening rise		-2713 Jul 23 j 06:01	16°☾20'12	
morning rise	-2715 Jan 30 j 05:39	13°☾48'25				-2713 Aug 03 j 05:10	0°♈	
direct	-2715 Feb 16 j 17:18	7°☾55'21				-2713 Aug 27 j 06:32	0°♍	
greatest brilliancy	-2715 Feb 27 j 13:13	10°☾03'32	-4.5m			-2713 Sep 20 j 08:59	0°♊	
	-2715 Mar 28 j 22:17	0°♊		desc. node		-2713 Sep 20 j 16:10	0°♊22'19	
desc. node	-2715 Apr 04 j 21:07	6°♊21'58				-2713 Oct 14 j 14:12	0°♋	
morning max el	-2715 Apr 06 j 13:12	7°♊57'06	45°52'26			-2713 Nov 08 j 00:22	0°♌	
	-2715 Apr 28 j 06:43	0°♌				-2713 Dec 02 j 20:14	0°♍	
	-2715 May 25 j 11:40	0°♍				-2713 Dec 28 j 13:18	0°♎	
	-2715 Jun 20 j 09:17	0°♎		asc. node		-2712 Jan 11 j 15:06	15°♎35'46	
	-2715 Jul 15 j 11:31	0°♏				-2712 Jan 25 j 11:17	0°♌	
asc. node	-2715 Jul 26 j 20:55	13°♏52'04		evening max el		-2712 Jan 26 j 12:59	1°♌03'47	45°55'34
	-2715 Aug 08 j 23:37	0°♏		greatest brilliancy		-2712 Feb 29 j 20:57	28°♌10'38	-4.5m
	-2715 Sep 02 j 01:43	0°♏				-2712 Mar 05 j 01:54	0°♍	
	-2715 Sep 25 j 22:03	0°♍		retrograde		-2712 Mar 15 j 19:32	2°♍06'31	
morning set	-2715 Oct 01 j 13:34	7°♍07'31				-2712 Mar 26 j 01:06	30°♌	
	-2715 Oct 19 j 16:29	0°♊		evening set		-2712 Apr 01 j 06:04	26°♌52'58	
				inferior conj		-2712 Apr 06 j 06:10	23°♌48'25	5°29'27
superior conj	-2715 Nov 11 j 18:43	29°♊06'10	0°08'59	minimum elong		-2712 Apr 06 j 15:11	23°♌34'10	5°27'31
minimum elong	-2715 Nov 11 j 21:09	29°♊13'50	0°08'49	min. Earth dist.		-2712 Apr 06 j 16:58	23°♌31'21	0.29232 AU
behind sun begin	-2715 Nov 10 j 22:05	28°♊01'19		morning rise		-2712 Apr 12 j 00:16	20°♌17'33	
behind sun end	-2715 Nov 12 j 20:12	0°♋26'21		direct		-2712 Apr 27 j 23:13	15°♌23'38	
	-2715 Nov 12 j 11:49	0°♋		desc. node		-2712 May 02 j 08:43	15°♌45'32	
max. Earth dist.	-2715 Nov 15 j 10:32	3°♋42'18	1.71078 AU	greatest brilliancy		-2712 May 11 j 12:39	18°♌36'04	-4.5m
desc. node	-2715 Nov 15 j 14:16	3°♋53'59				-2712 May 29 j 12:45	0°♍	
	-2715 Dec 06 j 09:29	0°♌		morning max el		-2712 Jun 15 j 23:04	15°♍20'16	45°53'21
evening rise	-2715 Dec 23 j 23:07	21°♌57'08				-2712 Jun 30 j 13:24	0°♎	
	-2715 Dec 30 j 10:07	0°♏				-2712 Jul 27 j 20:34	0°♏	
	-2714 Jan 23 j 14:30	0°♎				-2712 Aug 22 j 10:06	0°☾	
	-2714 Feb 17 j 00:15	0°♌		asc. node		-2712 Aug 23 j 08:54	1°☾08'24	
asc. node	-2714 Mar 08 j 13:08	23°♌44'25				-2712 Sep 16 j 01:11	0°♏	
	-2714 Mar 13 j 17:47	0°♍				-2712 Oct 10 j 04:02	0°♍	
	-2714 Apr 07 j 22:30	0°♎				-2712 Nov 03 j 01:46	0°♊	
	-2714 May 03 j 19:59	0°♏				-2712 Nov 26 j 23:05	0°♋	
	-2714 May 30 j 23:27	0°☾		desc. node		-2712 Dec 13 j 02:07	20°♋11'59	
evening max el	-2714 Jun 20 j 13:01	20°☾56'43	45°54'45	morning set		-2712 Dec 17 j 16:44	25°♋57'42	
desc. node	-2714 Jun 28 j 06:07	28°☾07'58				-2712 Dec 20 j 22:18	0°♌	
	-2714 Jun 30 j 08:25	0°♏				-2711 Jan 14 j 00:07	0°☾	
greatest brilliancy	-2714 Jul 29 j 10:54	19°♏26'27	-4.6m					
retrograde	-2714 Aug 08 j 21:05	21°♏24'54		superior conj		-2711 Jan 27 j 20:50	17°☾12'47	-1°-20'-31
evening set	-2714 Aug 26 j 20:46	15°♏26'13		minimum elong		-2711 Jan 27 j 14:45	16°☾53'54	1°20'32
inferior conj	-2714 Aug 29 j 18:01	13°♏42'32	-8°-51'-9	max. Earth dist.		-2711 Jan 31 j 09:42	21°☾35'47	1.72566 AU
minimum elong	-2714 Aug 29 j 21:03	13°♏37'56	8°50'59			-2711 Feb 07 j 04:35	0°♎	
min. Earth dist.	-2714 Aug 30 j 08:02	13°♏21'19	0.27205 AU			-2711 Mar 03 j 11:56	0°♌	
morning rise	-2714 Sep 01 j 21:09	11°♏49'43		evening rise		-2711 Mar 07 j 13:42	5°♌00'45	
direct	-2714 Sep 19 j 12:09	5°♏54'26				-2711 Mar 27 j 22:32	0°♍	
greatest brilliancy	-2714 Oct 03 j 03:22	9°♏18'38	-4.7m	asc. node		-2711 Apr 05 j 01:19	9°♍55'18	
asc. node	-2714 Oct 19 j 05:59	19°♏52'38				-2711 Apr 21 j 12:52	0°♎	
	-2714 Oct 30 j 17:30	0°♍				-2711 May 16 j 07:33	0°♏	
morning max el	-2714 Nov 09 j 08:09	9°♍29'16	46°53'55			-2711 Jun 10 j 08:03	0°☾	
	-2714 Nov 28 j 09:25	0°♊				-2711 Jul 05 j 17:55	0°♏	
	-2714 Dec 24 j 11:15	0°♋		desc. node		-2711 Jul 25 j 17:58	23°♏04'12	
	-2713 Jan 18 j 18:10	0°♌				-2711 Jul 31 j 21:03	0°♍	
desc. node	-2713 Feb 07 j 23:52	24°♌15'58				-2711 Aug 28 j 15:01	0°♊	
	-2713 Feb 12 j 18:14	0°☾		evening max el		-2711 Sep 02 j 09:08	4°♊48'28	47°17'09
	-2713 Mar 09 j 15:05	0°♎				-2711 Oct 01 j 20:00	0°♋	
	-2713 Apr 03 j 09:27	0°♌		greatest brilliancy		-2711 Oct 11 j 10:40	5°♋08'51	-4.7m
	-2713 Apr 28 j 01:08	0°♍		retrograde		-2711 Oct 22 j 23:51	7°♋38'36	
morning set	-2713 May 12 j 06:39	17°♍23'17		evening set		-2711 Nov 06 j 11:26	3°♋25'18	
	-2713 May 22 j 13:33	0°♎		min. Earth dist.		-2711 Nov 12 j 02:25	0°♋06'40	0.26401 AU
asc. node	-2713 May 31 j 23:16	11°♎33'33				-2711 Nov 12 j 06:45	30°♋	
max. Earth dist.	-2713 Jun 13 j 12:05	27°♎00'41	1.73123 AU	inferior conj		-2711 Nov 12 j 12:12	29°♊51'38	0°-49'-54
	-2713 Jun 15 j 22:08	0°♏		minimum elong		-2711 Nov 12 j 14:05	29°♊48'46	0°49'21
				asc. node		-2711 Nov 15 j 17:35	27°♊54'45	
superior conj	-2713 Jun 17 j 06:40	1°♏40'34	0°37'10	morning rise		-2711 Nov 18 j 17:15	26°♊14'15	
minimum elong	-2713 Jun 16 j 23:56	1°♏19'47	0°36'57	direct		-2711 Dec 02 j 18:40	22°♊16'10	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2711 Dec 14 j 03:02	24° 42 23	-4.6m		-2708 Jun 23 j 23:54	0° 58	
	-2711 Dec 23 j 23:48	0° 18			-2708 Jul 18 j 10:51	0° 02	
morning max el	-2710 Jan 21 j 18:54	24° 18 32'53	46°29'00		-2708 Aug 12 j 00:37	0° 10	
	-2710 Jan 27 j 04:59	0° 27		desc. node	-2708 Aug 22 j 06:07	12° 10 24'59	
	-2710 Feb 24 j 02:32	0° 38			-2708 Sep 05 j 20:01	0° 48	
desc. node	-2710 Mar 07 j 11:41	12° 38 48'58			-2708 Oct 01 j 01:58	0° 18	
	-2710 Mar 22 j 11:17	0° 48			-2708 Oct 27 j 07:05	0° 27	
	-2710 Apr 17 j 03:14	0° 58		evening max el	-2708 Nov 13 j 04:59	18° 27 05'37	47°17'53
	-2710 May 12 j 08:29	0° 67			-2708 Nov 25 j 09:14	0° 38	
	-2710 Jun 06 j 04:58	0° 78		asc. node	-2708 Dec 13 j 05:24	14° 38 21'08	
asc. node	-2710 Jun 28 j 11:11	27° 48 13'26		greatest brilliancy	-2708 Dec 20 j 06:02	18° 48 23'53	-4.6m
	-2710 Jun 30 j 17:19	0° 58		retrograde	-2707 Jan 03 j 05:29	22° 58 02'00	
morning set	-2710 Jul 18 j 21:06	22° 68 28'16		evening set	-2707 Jan 20 j 05:51	16° 68 18'56	
	-2710 Jul 24 j 22:20	0° 78		min. Earth dist.	-2707 Jan 23 j 10:53	14° 78 18'34	0.28215 AU
	-2710 Aug 17 j 21:51	0° 88		inferior conj	-2707 Jan 24 j 08:13	13° 88 44'31	7°57'07
max. Earth dist.	-2710 Aug 22 j 07:16	5° 88 30'56	1.71456 AU	minimum elong	-2707 Jan 24 j 02:00	13° 88 54'28	7°56'24
				morning rise	-2707 Jan 27 j 22:31	11° 88 29'07	
superior conj	-2710 Aug 25 j 08:00	9° 88 19'24	1°24'04	direct	-2707 Feb 14 j 07:20	5° 88 39'03	
minimum elong	-2710 Aug 25 j 09:15	9° 88 23'17	1°24'07	greatest brilliancy	-2707 Feb 25 j 03:40	7° 88 47'20	-4.5m
	-2710 Sep 10 j 18:28	0° 98			-2707 Mar 29 j 01:09	0° 98	
evening rise	-2710 Oct 04 j 03:05	29° 98 23'28		desc. node	-2707 Apr 03 j 23:15	5° 98 31'07	
	-2710 Oct 04 j 14:42	0° 108		morning max el	-2707 Apr 04 j 03:41	5° 98 41'42	45°53'14
desc. node	-2710 Oct 18 j 04:17	17° 108 02'33			-2707 Apr 27 j 23:49	0° 108	
	-2710 Oct 28 j 12:21	0° 118			-2707 May 25 j 01:42	0° 118	
	-2710 Nov 21 j 12:34	0° 128			-2707 Jun 19 j 21:56	0° 128	
	-2710 Dec 15 j 16:49	0° 138			-2707 Jul 14 j 23:25	0° 138	
	-2709 Jan 09 j 04:06	0° 148		asc. node	-2707 Jul 25 j 23:12	13° 138 23'14	
asc. node	-2709 Feb 03 j 03:55	0° 158			-2707 Aug 08 j 11:09	0° 148	
	-2709 Feb 08 j 03:08	5° 158 51'14			-2707 Sep 01 j 13:05	0° 158	
	-2709 Mar 01 j 02:31	0° 168			-2707 Sep 25 j 09:22	0° 168	
	-2709 Mar 28 j 23:35	0° 178		morning set	-2707 Sep 29 j 01:31	4° 168 38'04	
evening max el	-2709 Apr 07 j 09:15	9° 178 15'36	45°10'27		-2707 Oct 19 j 03:49	0° 178	
	-2709 May 02 j 13:17	0° 188					
greatest brilliancy	-2709 May 12 j 08:21	5° 188 23'12	-4.5m	superior conj	-2707 Nov 09 j 03:37	26° 188 27'30	0°12'58
retrograde	-2709 May 25 j 14:37	8° 188 26'26		minimum elong	-2707 Nov 09 j 07:08	26° 188 38'33	0°12'46
desc. node	-2709 May 30 j 20:25	7° 188 54'33		behind sun begin	-2707 Nov 08 j 14:00	25° 188 44'39	
evening set	-2709 Jun 09 j 15:49	4° 188 09'55		behind sun end	-2707 Nov 10 j 00:15	27° 188 32'26	
inferior conj	-2709 Jun 15 j 23:19	0° 188 26'59	-3°-40'-10		-2707 Nov 11 j 23:10	0° 188	
minimum elong	-2709 Jun 15 j 15:46	0° 188 38'38	3°38'05	max. Earth dist.	-2707 Nov 12 j 13:06	0° 188 43'47	1.71053 AU
min. Earth dist.	-2709 Jun 16 j 07:53	0° 188 13'47	0.28527 AU	desc. node	-2707 Nov 14 j 16:16	3° 188 24'38	
	-2709 Jun 16 j 16:49	30° 188 03'55			-2707 Dec 05 j 20:51	0° 188	
morning rise	-2709 Jun 21 j 15:09	27° 188 03'55		evening rise	-2707 Dec 21 j 09:18	19° 188 23'48	
direct	-2709 Jul 07 j 14:00	22° 188 15'23			-2707 Dec 29 j 21:29	0° 188	
greatest brilliancy	-2709 Jul 22 j 02:15	25° 188 56'04	-4.5m		-2706 Jan 23 j 01:55	0° 188	
	-2709 Jul 29 j 07:50	0° 198			-2706 Feb 16 j 11:50	0° 188	
morning max el	-2709 Aug 26 j 09:58	23° 198 43'28	46°28'34	asc. node	-2706 Mar 07 j 15:16	23° 198 14'52	
	-2709 Sep 01 j 14:20	0° 208			-2706 Mar 13 j 05:49	0° 198	
asc. node	-2709 Sep 20 j 20:34	20° 208 55'28			-2706 Apr 07 j 11:22	0° 208	
	-2709 Sep 28 j 19:04	0° 218			-2706 May 03 j 10:28	0° 218	
	-2709 Oct 24 j 02:10	0° 228			-2706 May 30 j 17:30	0° 208	
	-2709 Nov 17 j 15:08	0° 238		evening max el	-2706 Jun 18 j 02:41	18° 238 37'13	45°52'14
	-2709 Dec 11 j 21:56	0° 248		desc. node	-2706 Jun 27 j 08:19	27° 238 09'25	
	-2708 Jan 05 j 04:06	0° 258			-2706 Jun 30 j 14:50	0° 248	
desc. node	-2708 Jan 10 j 14:10	6° 258 41'34		greatest brilliancy	-2706 Jul 26 j 20:30	17° 248 00'01	-4.6m
	-2708 Jan 29 j 11:36	0° 268		retrograde	-2706 Aug 06 j 10:06	19° 248 01'21	
	-2708 Feb 22 j 20:35	0° 278		evening set	-2706 Aug 24 j 09:45	13° 248 01'43	
morning set	-2708 Mar 02 j 01:43	10° 278 05'54		inferior conj	-2706 Aug 27 j 06:57	11° 248 18'12	-8°-53'-15
	-2708 Mar 18 j 06:35	0° 288		minimum elong	-2706 Aug 27 j 09:03	11° 248 15'02	8°53'10
				min. Earth dist.	-2706 Aug 27 j 20:22	10° 248 57'54	0.27259 AU
superior conj	-2708 Apr 08 j 04:05	25° 288 39'06	0°-52'-59	morning rise	-2706 Aug 30 j 08:11	9° 248 28'21	
minimum elong	-2708 Apr 08 j 12:39	26° 288 05'24	0°52'41	direct	-2706 Sep 17 j 02:16	3° 248 29'14	
max. Earth dist.	-2708 Apr 08 j 01:31	25° 288 31'13	1.73675 AU	greatest brilliancy	-2706 Sep 30 j 18:47	6° 248 55'34	-4.7m
	-2708 Apr 11 j 17:07	0° 298		asc. node	-2706 Oct 18 j 08:03	18° 248 40'59	
asc. node	-2708 May 02 j 13:20	25° 298 35'03			-2706 Oct 30 j 20:14	0° 298	
	-2708 May 06 j 03:40	0° 308		morning max el	-2706 Nov 06 j 22:50	7° 298 05'36	46°53'50
evening rise	-2708 May 14 j 07:47	10° 308 01'59			-2706 Nov 28 j 03:07	0° 308	
	-2708 May 30 j 13:52	0° 318			-2706 Dec 24 j 02:02	0° 318	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2705 Jan 18 j 07:30	0°♌		evening max el	-2703 Aug 30 j 23:30	2°♊25'49	47°15'06
desc. node	-2705 Feb 07 j 02:03	23°♌44'44			-2703 Oct 03 j 11:29	0°♌	
	-2705 Feb 12 j 06:39	0°♌		greatest brilliancy	-2703 Oct 09 j 02:09	2°♌42'36	-4.7m
	-2705 Mar 09 j 02:52	0°♌		retrograde	-2703 Oct 20 j 12:20	5°♌08'43	
	-2705 Apr 02 j 20:48	0°♌		evening set	-2703 Nov 04 j 01:19	0°♌54'42	
	-2705 Apr 27 j 12:14	0°♌			-2703 Nov 05 j 16:19	30°♌	
morning set	-2705 May 10 j 01:20	15°♌19'48		min. Earth dist.	-2703 Nov 09 j 16:19	27°♌35'46	0.26374 AU
	-2705 May 22 j 00:32	0°♌		inferior conj	-2703 Nov 10 j 00:38	27°♌23'00	-1°-14'-6
asc. node	-2705 May 31 j 01:21	11°♌06'17		minimum elong	-2703 Nov 10 j 03:25	27°♌18'45	1°13'16
max. Earth dist.	-2705 Jun 11 j 09:24	25°♌04'27	1.73167 AU	asc. node	-2703 Nov 14 j 19:40	24°♌31'51	
				morning rise	-2703 Nov 16 j 05:58	23°♌45'08	
superior conj	-2705 Jun 15 j 01:05	29°♌35'15	0°34'21	direct	-2703 Nov 30 j 07:07	19°♌48'16	
minimum elong	-2705 Jun 14 j 18:47	29°♌15'47	0°34'08	greatest brilliancy	-2703 Dec 11 j 16:31	22°♌15'21	-4.7m
	-2705 Jun 15 j 09:06	0°♌			-2703 Dec 25 j 02:17	0°♌	
	-2705 Jul 09 j 14:01	0°♌		morning max el	-2702 Jan 19 j 07:38	22°♌08'17	46°30'17
evening rise	-2705 Jul 20 j 23:18	14°♌09'58			-2702 Jan 27 j 01:45	0°♌	
	-2705 Aug 02 j 16:21	0°♌			-2702 Feb 23 j 18:03	0°♌	
	-2705 Aug 26 j 17:56	0°♌		desc. node	-2702 Mar 06 j 13:45	12°♌13'48	
desc. node	-2705 Sep 19 j 18:13	29°♌52'17			-2702 Mar 22 j 00:38	0°♌	
	-2705 Sep 19 j 20:42	0°♌			-2702 Apr 16 j 15:27	0°♌	
	-2705 Oct 14 j 02:19	0°♌			-2702 May 11 j 20:02	0°♌	
	-2705 Nov 07 j 13:03	0°♌			-2702 Jun 05 j 16:07	0°♌	
	-2705 Dec 02 j 09:53	0°♌		asc. node	-2702 Jun 27 j 13:24	26°♌46'35	
	-2705 Dec 28 j 05:01	0°♌			-2702 Jun 30 j 04:15	0°♌	
asc. node	-2704 Jan 10 j 17:18	14°♌53'39		morning set	-2702 Jul 16 j 13:35	20°♌16'35	
evening max el	-2704 Jan 24 j 05:27	28°♌52'08	45°58'18		-2702 Jul 24 j 09:12	0°♌	
	-2704 Jan 25 j 09:00	0°♌			-2702 Aug 17 j 08:46	0°♌	
greatest brilliancy	-2704 Feb 27 j 14:09	26°♌02'44	-4.5m	max. Earth dist.	-2702 Aug 19 j 16:22	2°♌54'28	1.71511 AU
retrograde	-2704 Mar 13 j 12:47	29°♌58'20					
evening set	-2704 Mar 30 j 01:23	24°♌41'00		superior conj	-2702 Aug 22 j 22:30	6°♌59'47	1°24'12
inferior conj	-2704 Apr 03 j 22:58	21°♌39'43	5°43'29	minimum elong	-2702 Aug 22 j 22:54	7°♌01'04	1°24'16
minimum elong	-2704 Apr 04 j 08:03	21°♌25'20	5°41'37		-2702 Sep 10 j 05:30	0°♌	
min. Earth dist.	-2704 Apr 04 j 08:48	21°♌24'10	0.29236 AU	evening rise	-2702 Oct 01 j 13:20	26°♌49'49	
morning rise	-2704 Apr 09 j 14:46	18°♌12'05			-2702 Oct 04 j 01:51	0°♌	
direct	-2704 Apr 25 j 16:23	13°♌15'06		desc. node	-2702 Oct 17 j 06:19	16°♌33'45	
desc. node	-2704 May 01 j 10:44	13°♌52'30			-2702 Oct 27 j 23:36	0°♌	
greatest brilliancy	-2704 May 09 j 02:26	16°♌24'32	-4.5m		-2702 Nov 20 j 23:56	0°♌	
	-2704 May 29 j 21:27	0°♌			-2702 Dec 15 j 04:24	0°♌	
morning max el	-2704 Jun 13 j 15:49	13°♌11'56	45°52'30		-2701 Jan 08 j 16:04	0°♌	
	-2704 Jun 30 j 07:21	0°♌			-2701 Feb 02 j 16:42	0°♌	
	-2704 Jul 27 j 10:56	0°♌		asc. node	-2701 Feb 07 j 05:12	5°♌19'06	
	-2704 Aug 21 j 22:58	0°♌			-2701 Feb 28 j 17:06	0°♌	
asc. node	-2704 Aug 22 j 10:56	0°♌35'59			-2701 Mar 28 j 19:04	0°♌	
	-2704 Sep 15 j 13:17	0°♌		evening max el	-2701 Apr 04 j 23:46	7°♌02'23	45°10'27
	-2704 Oct 09 j 15:43	0°♌			-2701 May 03 j 17:15	0°♌	
	-2704 Nov 02 j 13:13	0°♌		greatest brilliancy	-2701 May 09 j 21:32	3°♌10'09	-4.5m
	-2704 Nov 26 j 10:22	0°♌		retrograde	-2701 May 23 j 05:36	6°♌16'03	
desc. node	-2704 Dec 12 j 04:18	19°♌43'52		desc. node	-2701 May 29 j 22:39	5°♌23'32	
morning set	-2704 Dec 15 j 02:59	23°♌24'51		evening set	-2701 Jun 07 j 06:11	2°♌00'23	
	-2704 Dec 20 j 09:27	0°♌			-2701 Jun 10 j 18:45	30°♌	
	-2703 Jan 13 j 11:09	0°♌		inferior conj	-2701 Jun 13 j 14:55	28°♌16'00	-3°-21'-25
superior conj	-2703 Jan 25 j 09:48	14°♌49'58	-1°-19'-24	minimum elong	-2701 Jun 13 j 07:55	28°♌26'49	3°19'26
minimum elong	-2703 Jan 25 j 02:56	14°♌28'40	1°19'22	min. Earth dist.	-2701 Jun 14 j 00:07	28°♌01'48	0.28564 AU
max. Earth dist.	-2703 Jan 29 j 02:50	19°♌26'04	1.72514 AU	morning rise	-2701 Jun 19 j 08:58	24°♌49'35	
	-2703 Feb 06 j 15:34	0°♌		direct	-2701 Jul 05 j 05:23	20°♌03'30	
	-2703 Mar 02 j 22:54	0°♌		greatest brilliancy	-2701 Jul 19 j 19:07	23°♌45'04	-4.5m
evening rise	-2703 Mar 05 j 05:29	2°♌47'57			-2701 Jul 30 j 06:46	0°♌	
	-2703 Mar 27 j 09:36	0°♌		morning max el	-2701 Aug 24 j 00:06	21°♌24'34	46°27'12
asc. node	-2703 Apr 04 j 03:18	9°♌27'28			-2701 Sep 01 j 10:03	0°♌	
	-2703 Apr 21 j 00:09	0°♌		asc. node	-2701 Sep 19 j 22:39	20°♌15'46	
	-2703 May 15 j 19:18	0°♌			-2701 Sep 28 j 10:14	0°♌	
	-2703 Jun 09 j 20:36	0°♌			-2701 Oct 23 j 15:34	0°♌	
	-2703 Jun 05 j 07:48	0°♌			-2701 Nov 17 j 03:36	0°♌	
desc. node	-2703 Jul 24 j 20:08	22°♌26'04			-2701 Dec 11 j 09:48	0°♌	
	-2703 Jul 31 j 13:25	0°♌		desc. node	-2700 Jan 04 j 15:33	0°♌	
	-2703 Aug 28 j 13:21	0°♌			-2700 Jan 09 j 16:18	6°♌13'02	
					-2700 Jan 28 j 22:43	0°♌	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2700 Feb 22 j 07:26	0°≈		inferior conj	-2698 Aug 24 j 19:52	8°Ω54'42	-8°-54'-25
morning set	-2700 Feb 28 j 17:36	7°≈54'00		minimum elong	-2698 Aug 24 j 21:02	8°Ω52'56	8°54'21
	-2700 Mar 17 j 17:16	0°✕		min. Earth dist.	-2698 Aug 25 j 08:31	8°Ω35'33	0.27314 AU
				morning rise	-2698 Aug 27 j 19:40	7°Ω07'00	
superior conj	-2700 Apr 05 j 22:22	23°✕35'23	0°-55'-22	direct	-2698 Sep 14 j 16:40	1°Ω05'04	
minimum elong	-2700 Apr 06 j 07:05	24°✕02'09	0°55'04	greatest brilliancy	-2698 Sep 28 j 09:22	4°Ω32'07	-4.7m
max. Earth dist.	-2700 Apr 05 j 21:36	23°✕33'02	1.73665 AU	asc. node	-2698 Oct 17 j 10:11	17°Ω32'03	
	-2700 Apr 11 j 03:44	0°Υ			-2698 Oct 30 j 21:19	0°Π	
asc. node	-2700 May 01 j 15:29	25°Υ09'00		morning max el	-2698 Nov 04 j 13:21	4°Π42'14	46°53'42
	-2700 May 05 j 14:19	0°Ϟ			-2698 Nov 27 j 20:13	0°⊕	
evening rise	-2700 May 12 j 03:15	8°Ϟ01'34			-2698 Dec 23 j 16:22	0°Π	
	-2700 May 30 j 00:42	0°Π			-2697 Jan 17 j 20:26	0°Ϙ	
	-2700 Jun 23 j 11:03	0°⊕		desc. node	-2697 Feb 06 j 04:02	23°Ϙ13'56	
	-2700 Jul 17 j 22:26	0°Ω			-2697 Feb 11 j 18:43	0°⊖	
	-2700 Aug 11 j 12:50	0°Π			-2697 Mar 08 j 14:20	0°≈	
desc. node	-2700 Aug 21 j 08:08	11°Π53'04			-2697 Apr 02 j 07:52	0°✕	
	-2700 Sep 05 j 09:10	0°⊕			-2697 Apr 26 j 23:01	0°Υ	
	-2700 Sep 30 j 16:40	0°Π		morning set	-2697 May 07 j 20:30	13°Υ18'53	
	-2700 Oct 27 j 00:57	0°Ϙ			-2697 May 21 j 11:11	0°Ϟ	
evening max el	-2700 Nov 10 j 19:31	15°Ϙ43'59	47°19'49	asc. node	-2697 May 30 j 03:36	10°Ϟ40'32	
	-2700 Nov 25 j 13:51	0°⊖		max. Earth dist.	-2697 Jun 09 j 06:40	23°Ϟ09'12	1.73210 AU
asc. node	-2700 Dec 12 j 07:40	12°⊖58'32					
greatest brilliancy	-2700 Dec 17 j 22:51	16°⊖07'25	-4.6m	superior conj	-2697 Jun 12 j 20:00	27°Ϟ32'32	0°31'31
retrograde	-2700 Dec 31 j 21:23	19°⊖45'13		minimum elong	-2697 Jun 12 j 14:09	27°Ϟ14'27	0°31'19
evening set	-2699 Jan 17 j 18:35	14°⊖06'35			-2697 Jun 14 j 19:45	0°Π	
min. Earth dist.	-2699 Jan 21 j 01:39	12°⊖03'33	0.28142 AU		-2697 Jul 09 j 00:46	0°⊕	
inferior conj	-2699 Jan 21 j 23:44	11°⊖28'24	7°50'09	evening rise	-2697 Jul 18 j 16:59	12°⊕01'50	
minimum elong	-2699 Jan 21 j 16:56	11°⊖39'13	7°49'17		-2697 Aug 02 j 03:19	0°Ω	
morning rise	-2699 Jan 25 j 15:40	9°⊖10'48			-2697 Aug 26 j 05:12	0°Π	
direct	-2699 Feb 11 j 21:30	3°⊖23'54		desc. node	-2697 Sep 18 j 20:17	29°Π22'41	
greatest brilliancy	-2699 Feb 22 j 18:02	5°⊖32'30	-4.5m		-2697 Sep 19 j 08:19	0°⊕	
	-2699 Mar 29 j 01:56	0°≈			-2697 Oct 13 j 14:21	0°Π	
morning max el	-2699 Apr 01 j 19:01	3°≈29'52	45°54'10		-2697 Nov 07 j 01:40	0°Ϙ	
desc. node	-2699 Apr 03 j 01:17	4°≈42'32			-2697 Dec 01 j 23:31	0°⊖	
	-2699 Apr 27 j 15:59	0°✕			-2697 Dec 27 j 20:48	0°≈	
	-2699 May 24 j 15:07	0°Υ		asc. node	-2696 Jan 09 j 19:21	14°≈11'06	
	-2699 Jun 19 j 10:05	0°Ϟ		evening max el	-2696 Jan 21 j 21:41	26°≈40'16	46°01'03
	-2699 Jul 14 j 10:57	0°Π			-2696 Jan 25 j 07:21	0°✕	
asc. node	-2699 Jul 25 j 01:15	12°Π54'45		greatest brilliancy	-2696 Feb 25 j 08:32	23°✕56'59	-4.5m
	-2699 Aug 07 j 22:21	0°⊕		retrograde	-2696 Mar 11 j 05:50	27°✕50'56	
greatest brilliancy	-2699 Aug 17 j 00:12	11°⊕15'51	-3.9m	evening set	-2696 Mar 27 j 20:55	22°✕30'01	
	-2699 Sep 01 j 00:08	0°Ω		inferior conj	-2696 Apr 01 j 15:55	19°✕32'00	5°57'10
	-2699 Sep 24 j 20:21	0°Π		minimum elong	-2696 Apr 02 j 01:01	19°✕17'35	5°55'21
morning set	-2699 Sep 26 j 13:33	2°Π09'55		min. Earth dist.	-2696 Apr 02 j 00:56	19°✕17'43	0.29233 AU
	-2699 Oct 18 j 14:47	0°⊕		morning rise	-2696 Apr 07 j 05:14	16°✕07'38	
				direct	-2696 Apr 23 j 09:33	11°✕07'44	
superior conj	-2699 Nov 06 j 12:28	23°⊕49'40	0°16'57	desc. node	-2696 Apr 30 j 12:56	12°✕04'30	
minimum elong	-2699 Nov 06 j 17:02	24°⊕04'00	0°16'42	greatest brilliancy	-2696 May 06 j 15:46	14°✕13'14	-4.5m
max. Earth dist.	-2699 Nov 09 j 19:01	27°⊕56'50	1.71030 AU		-2696 May 30 j 03:20	0°Υ	
	-2699 Nov 11 j 10:11	0°Π		morning max el	-2696 Jun 11 j 07:49	11°Υ02'40	45°51'49
desc. node	-2699 Nov 13 j 18:26	2°Π56'53			-2696 Jun 30 j 00:35	0°Ϟ	
	-2699 Dec 05 j 07:53	0°Ϙ			-2696 Jul 27 j 00:53	0°Π	
evening rise	-2699 Dec 18 j 19:30	16°Ϙ51'29			-2696 Aug 21 j 11:33	0°⊕	
	-2699 Dec 29 j 08:32	0°⊖		asc. node	-2696 Aug 21 j 13:03	0°⊕04'33	
	-2698 Jan 22 j 13:00	0°≈			-2696 Sep 15 j 01:13	0°Ω	
	-2698 Feb 15 j 23:05	0°✕			-2696 Oct 09 j 03:20	0°Π	
asc. node	-2698 Mar 06 j 17:20	22°✕46'19			-2696 Nov 02 j 00:39	0°⊕	
	-2698 Mar 12 j 17:27	0°Υ			-2696 Nov 25 j 21:40	0°Π	
	-2698 Apr 06 j 23:50	0°Ϟ		desc. node	-2696 Dec 11 j 06:27	19°Π15'35	
	-2698 May 03 j 00:37	0°Π		morning set	-2696 Dec 12 j 12:45	20°Π50'21	
	-2698 May 30 j 11:30	0°⊕			-2696 Dec 19 j 20:36	0°Ϙ	
evening max el	-2698 Jun 15 j 17:06	16°⊕20'51	45°49'29		-2695 Jan 12 j 22:11	0°⊖	
desc. node	-2698 Jun 26 j 10:26	26°⊕10'20					
	-2698 Jun 30 j 23:10	0°Ω		superior conj	-2695 Jan 22 j 22:21	12°⊖25'54	-1°-18'-6
greatest brilliancy	-2698 Jul 24 j 06:14	14°Ω34'50	-4.6m	minimum elong	-2695 Jan 22 j 14:44	12°⊖02'15	1°18'03
retrograde	-2698 Aug 03 j 23:08	16°Ω38'31		max. Earth dist.	-2695 Jan 26 j 20:26	17°⊖17'43	1.72456 AU
evening set	-2698 Aug 21 j 22:17	10°Ω38'56			-2695 Feb 06 j 02:30	0°≈	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2695 Mar 02 j 09:50	0° H					-2693 Jul 31 j 00:00	0° II			
evening rise	-2695 Mar 02 j 21:04	0° H 34'33			morning max el		-2693 Aug 21 j 15:17	19° II 08'05	46°26'02		
	-2695 Mar 26 j 20:37	0° Y					-2693 Sep 01 j 05:23	0° S			
asc. node	-2695 Apr 03 j 05:30	9° Y 00'21			asc. node		-2693 Sep 19 j 00:49	19° S 36'24			
	-2695 Apr 20 j 11:25	0° R					-2693 Sep 28 j 01:19	0° Q			
	-2695 May 15 j 07:00	0° II					-2693 Oct 23 j 04:58	0° M			
	-2695 Jun 09 j 09:06	0° S					-2693 Nov 16 j 16:09	0° L			
	-2695 Jul 04 j 21:40	0° Q					-2693 Dec 10 j 21:50	0° M			
desc. node	-2695 Jul 23 j 22:09	21° Q 47'41			desc. node		-2692 Jan 04 j 03:15	0° J			
	-2695 Jul 31 j 05:54	0° M					-2692 Jan 08 j 18:17	5° J 43'12			
evening max el	-2695 Aug 28 j 12:35	0° L 00'17	47°12'43				-2692 Jan 28 j 10:10	0° S			
	-2695 Aug 28 j 12:29	0° L					-2692 Feb 21 j 18:40	0° \approx			
	-2695 Oct 06 j 02:11	0° M			morning set		-2692 Feb 26 j 08:46	5° \approx 38'42			
greatest brilliancy	-2695 Oct 06 j 17:46	0° M 16'00	-4.7m				-2692 Mar 17 j 04:19	0° H			
retrograde	-2695 Oct 18 j 00:04	2° M 38'10									
	-2695 Oct 29 j 09:23	30° R L			superior conj		-2692 Apr 03 j 16:05	21° H 28'47	0°-57'-43		
evening set	-2695 Nov 01 j 15:11	28° L 22'51			minimum elong		-2692 Apr 04 j 00:55	21° H 55'54	0°57'25		
inferior conj	-2695 Nov 07 j 12:54	24° L 53'33	-1°-38'-25		max. Earth dist.		-2692 Apr 03 j 17:36	21° H 33'26	1.73650 AU		
minimum elong	-2695 Nov 07 j 16:34	24° L 47'55	1°37'17				-2692 Apr 10 j 14:41	0° Y			
min. Earth dist.	-2695 Nov 07 j 06:24	25° L 03'32	0.26360 AU		asc. node		-2692 Apr 30 j 17:38	24° Y 41'52			
morning rise	-2695 Nov 13 j 18:17	21° L 15'22					-2692 May 05 j 01:19	0° R			
asc. node	-2695 Nov 13 j 21:56	21° L 10'33			evening rise		-2692 May 09 j 22:24	5° R 59'13			
direct	-2695 Nov 27 j 19:00	17° L 19'03					-2692 May 29 j 11:52	0° II			
greatest brilliancy	-2695 Dec 09 j 07:10	19° L 48'28	-4.7m				-2692 Jun 22 j 22:32	0° S			
	-2695 Dec 25 j 22:12	0° M					-2692 Jul 17 j 10:22	0° Q			
morning max el	-2694 Jan 16 j 19:41	19° M 40'51	46°31'40				-2692 Aug 11 j 01:24	0° M			
	-2694 Jan 26 j 22:09	0° J			desc. node		-2692 Aug 20 j 10:16	11° M 20'30			
	-2694 Feb 23 j 09:33	0° S					-2692 Sep 04 j 22:39	0° L			
desc. node	-2694 Mar 05 j 15:53	11° S 38'31					-2692 Sep 30 j 07:45	0° M			
	-2694 Mar 21 j 14:03	0° \approx					-2692 Oct 26 j 19:27	0° J			
	-2694 Apr 16 j 03:44	0° H			evening max el		-2692 Nov 08 j 10:40	13° J 23'22	47°21'36		
	-2694 May 11 j 07:39	0° Y					-2692 Nov 25 j 20:50	0° S			
	-2694 Jun 05 j 03:21	0° R			asc. node		-2692 Dec 11 j 09:39	11° S 31'51			
asc. node	-2694 Jun 26 j 15:27	26° R 18'59			greatest brilliancy		-2692 Dec 15 j 14:54	13° S 48'51	-4.6m		
	-2694 Jun 29 j 15:15	0° II			retrograde		-2692 Dec 29 j 13:30	17° S 26'53			
morning set	-2694 Jul 14 j 06:34	18° II 06'17			evening set		-2691 Jan 15 j 06:59	11° S 52'42			
	-2694 Jul 23 j 20:08	0° S			min. Earth dist.		-2691 Jan 18 j 15:57	9° S 47'09	0.28075 AU		
	-2694 Aug 16 j 19:44	0° Q			inferior conj		-2691 Jan 19 j 15:03	9° S 10'29	7°42'11		
max. Earth dist.	-2694 Aug 17 j 05:22	0° Q 30'14	1.71565 AU		minimum elong		-2691 Jan 19 j 07:44	9° S 22'07	7°41'11		
					morning rise		-2691 Jan 23 j 08:53	6° S 50'22			
superior conj	-2694 Aug 20 j 13:36	4° Q 42'03	1°24'11		direct		-2691 Feb 09 j 12:06	1° S 06'56			
minimum elong	-2694 Aug 20 j 13:12	4° Q 40'46	1°24'15		greatest brilliancy		-2691 Feb 20 j 07:52	3° S 15'26	-4.5m		
	-2694 Sep 09 j 16:34	0° M					-2691 Mar 29 j 02:11	0° \approx			
evening rise	-2694 Sep 29 j 00:13	24° M 18'02			morning max el		-2691 Mar 30 j 10:53	1° \approx 17'48	45°54'58		
	-2694 Oct 03 j 13:04	0° L			desc. node		-2691 Apr 02 j 03:29	3° \approx 53'42			
desc. node	-2694 Oct 16 j 08:31	16° L 05'11					-2691 Apr 27 j 08:26	0° H			
	-2694 Oct 27 j 10:59	0° M					-2691 May 24 j 04:54	0° Y			
	-2694 Nov 20 j 11:31	0° J					-2691 Jun 18 j 22:36	0° R			
	-2694 Dec 14 j 16:16	0° S					-2691 Jul 13 j 22:49	0° II			
	-2693 Jan 08 j 04:23	0° \approx			asc. node		-2691 Jul 24 j 03:18	12° II 25'17			
	-2693 Feb 02 j 05:54	0° H					-2691 Aug 07 j 09:54	0° S			
asc. node	-2693 Feb 06 j 07:18	4° H 45'56			greatest brilliancy		-2691 Aug 20 j 06:43	15° S 59'34	-3.9m		
	-2693 Feb 28 j 08:13	0° Y					-2691 Aug 31 j 11:31	0° Q			
	-2693 Mar 28 j 15:30	0° R			morning set		-2691 Sep 24 j 01:50	29° Q 41'40			
evening max el	-2693 Apr 02 j 14:14	4° R 48'22	45°10'47				-2691 Sep 24 j 07:39	0° M			
	-2693 May 05 j 10:12	0° II					-2691 Oct 18 j 02:05	0° L			
greatest brilliancy	-2693 May 07 j 09:52	0° II 55'33	-4.5m								
retrograde	-2693 May 20 j 21:04	4° II 05'19			superior conj		-2691 Nov 03 j 21:43	21° L 12'04	0°20'52		
desc. node	-2693 May 29 j 00:46	2° II 47'24			minimum elong		-2691 Nov 04 j 03:15	21° L 29'30	0°20'34		
evening set	-2693 Jun 04 j 20:47	29° R 50'02			max. Earth dist.		-2691 Nov 07 j 03:13	25° L 16'02	1.71003 AU		
	-2693 Jun 04 j 13:15	30° R R					-2691 Nov 10 j 21:28	0° M			
inferior conj	-2693 Jun 11 j 06:32	26° R 04'27	-3°-2'-23		desc. node		-2691 Nov 12 j 20:32	2° M 28'01			
minimum elong	-2693 Jun 11 j 00:07	26° R 14'21	3°00'33				-2691 Dec 04 j 19:10	0° J			
min. Earth dist.	-2693 Jun 11 j 16:10	25° R 49'37	0.28598 AU		evening rise		-2691 Dec 16 j 05:56	14° J 19'03			
morning rise	-2693 Jun 17 j 02:45	22° R 35'06					-2691 Dec 28 j 19:50	0° S			
direct	-2693 Jul 02 j 21:00	17° R 51'02					-2690 Jan 22 j 00:23	0° \approx			
greatest brilliancy	-2693 Jul 17 j 12:40	21° R 34'35	-4.5m				-2690 Feb 15 j 10:42	0° H			

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2690 Mar 05 j 19:29	22° Υ 16'45		-2688 Sep 14 j 13:21	0° Ω	
	-2690 Mar 12 j 05:33	0° Υ		-2688 Oct 08 j 15:07	0° η	
	-2690 Apr 06 j 12:51	0° Υ		-2688 Nov 01 j 12:15	0° Ω	
	-2690 May 02 j 15:26	0° Π		-2688 Nov 25 j 09:07	0° \mathcal{M}	
	-2690 May 30 j 06:29	0° \mathfrak{S}		-2688 Dec 09 j 22:24	18° \mathcal{M} 14'52	
evening max el	-2690 Jun 13 j 07:38	14° \mathfrak{S} 03'30	45°46'53	desc. node	-2688 Dec 10 j 08:23	18° \mathcal{M} 46'04
desc. node	-2690 Jun 25 j 12:27	25° \mathfrak{S} 08'26			-2688 Dec 19 j 07:55	0° \mathfrak{X}
	-2690 Jul 01 j 11:05	0° Ω			-2687 Jan 12 j 09:22	0° \mathfrak{C}
greatest brilliancy	-2690 Jul 21 j 16:58	12° Ω 09'51	-4.6m			
retrograde	-2690 Aug 01 j 11:54	14° Ω 14'39		superior conj	-2687 Jan 20 j 10:53	10° \mathfrak{C} 01'12 -1°-16'-39
evening set	-2690 Aug 19 j 10:24	8° Ω 16'06		minimum elong	-2687 Jan 20 j 02:35	9° \mathfrak{C} 35'26 1°16'35
inferior conj	-2690 Aug 22 j 08:49	6° Ω 30'24	-8°-54'-41	max. Earth dist.	-2687 Jan 24 j 12:28	15° \mathfrak{C} 04'02 1.72393 AU
minimum elong	-2690 Aug 22 j 09:03	6° Ω 30'02	8°54'37		-2687 Feb 05 j 13:36	0° \approx
min. Earth dist.	-2690 Aug 22 j 20:51	6° Ω 12'09	0.27365 AU	evening rise	-2687 Feb 28 j 12:37	28° \approx 20'39
morning rise	-2690 Aug 25 j 07:36	4° Ω 44'01			-2687 Mar 01 j 20:54	0° Υ
	-2690 Sep 04 j 04:35	30° \mathcal{R} \mathfrak{S}			-2687 Mar 26 j 07:46	0° Υ
direct	-2690 Sep 12 j 06:52	28° \mathfrak{S} 40'12		asc. node	-2687 Apr 02 j 07:39	8° Υ 32'43
	-2690 Sep 20 j 14:32	0° Ω			-2687 Apr 19 j 22:49	0° Υ
greatest brilliancy	-2690 Sep 25 j 23:10	2° Ω 06'42	-4.7m		-2687 May 14 j 18:55	0° Π
asc. node	-2690 Oct 16 j 12:23	16° Ω 24'10			-2687 Jun 08 j 21:53	0° \mathfrak{S}
	-2690 Oct 30 j 21:38	0° η			-2687 Jul 04 j 11:56	0° Ω
morning max el	-2690 Nov 02 j 03:06	2° η 15'55	46°53'34	desc. node	-2687 Jul 23 j 00:17	21° Ω 08'30
	-2690 Nov 27 j 13:18	0° Ω			-2687 Jul 30 j 22:59	0° η
	-2690 Dec 23 j 06:50	0° \mathcal{M}		evening max el	-2687 Aug 26 j 00:42	27° \mathcal{M} 31'46 47°10'25
	-2689 Jan 17 j 09:32	0° \mathfrak{X}			-2687 Aug 28 j 12:56	0° Ω
desc. node	-2689 Feb 05 j 06:11	22° \mathfrak{X} 43'02		greatest brilliancy	-2687 Oct 04 j 09:07	27° Ω 48'30 -4.7m
	-2689 Feb 11 j 06:59	0° \mathfrak{C}			-2687 Oct 13 j 00:27	0° \mathcal{M}
	-2689 Mar 08 j 02:02	0° \approx		retrograde	-2687 Oct 15 j 11:44	0° \mathcal{M} 07'18
	-2689 Apr 01 j 19:12	0° Υ			-2687 Oct 17 j 22:24	30° \mathcal{R} Ω
	-2689 Apr 26 j 10:09	0° Υ		evening set	-2687 Oct 30 j 05:08	25° Ω 50'02
morning set	-2689 May 05 j 15:22	11° Υ 15'57		inferior conj	-2687 Nov 05 j 01:06	22° Ω 23'40 -2°-2'-30
	-2689 May 20 j 22:12	0° Υ		minimum elong	-2687 Nov 05 j 05:39	22° Ω 16'42 2°01'06
asc. node	-2689 May 29 j 05:35	10° Υ 12'48		min. Earth dist.	-2687 Nov 04 j 20:28	22° Ω 30'47 0.26349 AU
max. Earth dist.	-2689 Jun 07 j 01:45	21° Υ 06'06	1.73252 AU	morning rise	-2687 Nov 11 j 06:20	18° Ω 45'37
				asc. node	-2687 Nov 12 j 23:57	17° Ω 53'00
superior conj	-2689 Jun 10 j 14:35	25° Υ 27'46	0°28'37	direct	-2687 Nov 25 j 06:31	14° Ω 49'09
minimum elong	-2689 Jun 10 j 09:12	25° Υ 11'10	0°28'26	greatest brilliancy	-2687 Dec 06 j 22:17	17° Ω 21'50 -4.7m
	-2689 Jun 14 j 06:45	0° Π			-2687 Dec 26 j 13:12	0° \mathcal{M}
	-2689 Jul 08 j 11:52	0° \mathfrak{S}		morning max el	-2686 Jan 14 j 08:16	17° \mathcal{M} 14'17 46°33'06
evening rise	-2689 Jul 16 j 10:22	9° \mathfrak{S} 51'54			-2686 Jan 26 j 17:59	0° \mathfrak{X}
	-2689 Aug 01 j 14:36	0° Ω			-2686 Feb 23 j 00:54	0° \mathfrak{C}
	-2689 Aug 25 j 16:46	0° η		desc. node	-2686 Mar 04 j 17:59	11° \mathfrak{C} 03'22
desc. node	-2689 Sep 17 j 22:26	28° η 52'24			-2686 Mar 21 j 03:23	0° \approx
	-2689 Sep 18 j 20:14	0° Ω			-2686 Apr 15 j 15:58	0° Υ
	-2689 Oct 13 j 02:43	0° \mathcal{M}			-2686 May 10 j 19:14	0° Υ
	-2689 Nov 06 j 14:38	0° \mathfrak{X}			-2686 Jun 04 j 14:33	0° Υ
	-2689 Dec 01 j 13:31	0° \mathfrak{C}		asc. node	-2686 Jun 25 j 17:32	25° Υ 51'27
	-2689 Dec 27 j 13:05	0° \approx			-2686 Jun 29 j 02:17	0° Π
asc. node	-2688 Jan 08 j 21:29	13° \approx 27'44		morning set	-2686 Jul 11 j 23:31	15° Π 55'48
evening max el	-2688 Jan 19 j 13:01	24° \approx 25'21	46°03'52		-2686 Jul 23 j 07:08	0° \mathfrak{S}
	-2688 Jan 25 j 06:53	0° Υ		max. Earth dist.	-2686 Aug 14 j 18:59	28° \mathfrak{S} 07'38 1.71623 AU
greatest brilliancy	-2688 Feb 23 j 02:41	21° Υ 50'15	-4.5m		-2686 Aug 16 j 06:48	0° Ω
retrograde	-2688 Mar 08 j 22:33	25° Υ 43'02				
evening set	-2688 Mar 25 j 16:27	20° Υ 18'29		superior conj	-2686 Aug 18 j 04:31	2° Ω 23'26 1°24'02
inferior conj	-2688 Mar 30 j 08:56	17° Υ 23'50	6°10'13	minimum elong	-2686 Aug 18 j 03:17	2° Ω 19'34 1°24'05
minimum elong	-2688 Mar 30 j 17:59	17° Υ 09'26	6°08'28		-2686 Sep 09 j 03:44	0° η
min. Earth dist.	-2688 Mar 30 j 17:20	17° Υ 10'29	0.29232 AU	evening rise	-2686 Sep 26 j 10:53	21° η 45'23
morning rise	-2688 Apr 04 j 19:39	14° Υ 02'44			-2686 Oct 03 j 00:21	0° Ω
direct	-2688 Apr 21 j 02:15	8° Υ 59'47		desc. node	-2686 Oct 15 j 10:33	15° Ω 35'53
desc. node	-2688 Apr 29 j 15:02	10° Υ 19'37			-2686 Oct 26 j 22:24	0° \mathcal{M}
greatest brilliancy	-2688 May 04 j 05:30	12° Υ 01'41	-4.5m		-2686 Nov 19 j 23:07	0° \mathfrak{X}
	-2688 May 30 j 07:40	0° Υ			-2686 Dec 14 j 04:08	0° \mathfrak{C}
morning max el	-2688 Jun 08 j 23:09	8° Υ 50'47	45°51'03		-2685 Jan 07 j 16:43	0° \approx
	-2688 Jun 29 j 17:50	0° Υ			-2685 Feb 01 j 19:06	0° Υ
	-2688 Jul 26 j 15:03	0° Π		asc. node	-2685 Feb 05 j 09:29	4° Υ 13'04
asc. node	-2688 Aug 20 j 15:16	29° Π 32'37			-2685 Feb 27 j 23:25	0° Υ
	-2688 Aug 21 j 00:21	0° \mathfrak{S}			-2685 Mar 28 j 12:27	0° Υ

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening max el	-2685 Mar 31 j 05:39	2° R° 37'10	45°11'20			-2683 Aug 30 j 22:32	0° Ω	
greatest brilliancy	-2685 May 04 j 22:04	28° R° 41'47	-4.5m	morning set		-2683 Sep 21 j 14:24	27° Ω 15'15	
	-2685 May 08 j 04:12	0° Π				-2683 Sep 23 j 18:39	0° M	
retrograde	-2685 May 18 j 13:13	1° Π 55'41				-2683 Oct 17 j 13:07	0° Ω	
desc. node	-2685 May 28 j 02:43	0° Π 08'09						
	-2685 May 28 j 11:23	30° R°		superior conj		-2683 Nov 01 j 06:51	18° Ω 34'48	0°24'44
evening set	-2685 Jun 02 j 11:48	27° R° 40'39		minimum elong		-2683 Nov 01 j 13:18	18° Ω 55'09	0°24'24
inferior conj	-2685 Jun 08 j 22:20	23° R° 53'53	-2°-43'-13	max. Earth dist.		-2683 Nov 04 j 10:24	22° Ω 32'41	1.70984 AU
minimum elong	-2685 Jun 08 j 16:31	24° R° 02'51	2°41'32			-2683 Nov 10 j 08:34	0° M	
min. Earth dist.	-2685 Jun 09 j 08:00	23° R° 39'00	0.28634 AU	desc. node		-2683 Nov 11 j 22:34	1° M 59'31	
morning rise	-2685 Jun 14 j 20:36	20° R° 21'54				-2683 Dec 04 j 06:16	0° R°	
direct	-2685 Jun 30 j 13:16	15° R° 39'43		evening rise		-2683 Dec 13 j 15:42	11° R° 44'58	
greatest brilliancy	-2685 Jul 15 j 05:54	19° R° 24'43	-4.5m			-2683 Dec 28 j 06:56	0° R°	
	-2685 Jul 31 j 12:38	0° Π				-2682 Jan 21 j 11:33	0° \approx	
morning max el	-2685 Aug 19 j 07:27	16° Π 54'37	46°24'33			-2682 Feb 14 j 22:04	0° R°	
	-2685 Sep 01 j 00:08	0° R°		asc. node		-2682 Mar 04 j 21:36	21° R° 47'55	
asc. node	-2685 Sep 18 j 02:56	18° R° 57'21				-2682 Mar 11 j 17:23	0° Y	
	-2685 Sep 27 j 16:14	0° Ω				-2682 Apr 06 j 01:37	0° R°	
	-2685 Oct 22 j 18:17	0° M				-2682 May 02 j 06:02	0° Π	
	-2685 Nov 16 j 04:37	0° Ω				-2682 May 30 j 01:31	0° R°	
	-2685 Dec 10 j 09:47	0° M		evening max el		-2682 Jun 10 j 22:02	11° R° 47'15	45°44'22
	-2684 Jan 03 j 14:49	0° R°		desc. node		-2682 Jun 24 j 14:39	24° R° 06'56	
desc. node	-2684 Jan 07 j 20:28	5° R° 14'27				-2682 Jul 02 j 02:01	0° Ω	
	-2684 Jan 27 j 21:26	0° R°		greatest brilliancy		-2682 Jul 19 j 04:52	9° Ω 48'10	-4.6m
	-2684 Feb 21 j 05:42	0° \approx		retrograde		-2682 Jul 30 j 00:26	11° Ω 53'13	
morning set	-2684 Feb 23 j 23:50	3° \approx 23'30		evening set		-2682 Aug 16 j 22:20	5° Ω 56'44	
	-2684 Mar 16 j 15:11	0° R°		inferior conj		-2682 Aug 19 j 22:07	4° Ω 08'47	-8°-53'-49
				minimum elong		-2682 Aug 19 j 21:26	4° Ω 09'50	8°53'47
superior conj	-2684 Apr 01 j 09:52	19° R° 22'54	0°-59'-58	min. Earth dist.		-2682 Aug 20 j 09:49	3° Ω 51'00	0.27415 AU
minimum elong	-2684 Apr 01 j 18:47	19° R° 50'16	0°59'42	morning rise		-2682 Aug 22 j 20:24	2° Ω 22'52	
max. Earth dist.	-2684 Apr 01 j 14:50	19° R° 38'09	1.73632 AU			-2682 Aug 27 j 03:17	30° R°	
	-2684 Apr 10 j 01:28	0° Y		direct		-2682 Sep 09 j 20:54	26° R° 17'56	
asc. node	-2684 Apr 29 j 19:39	24° Y 14'57		greatest brilliancy		-2682 Sep 23 j 13:14	29° R° 43'41	-4.7m
	-2684 May 04 j 12:07	0° R°				-2682 Sep 24 j 02:50	0° Ω	
evening rise	-2684 May 07 j 17:46	3° R° 58'12		asc. node		-2682 Oct 15 j 14:25	15° Ω 19'19	
	-2684 May 28 j 22:49	0° Π		morning max el		-2682 Oct 30 j 16:01	29° Ω 48'52	46°53'11
	-2684 Jun 22 j 09:47	0° R°				-2682 Oct 30 j 20:22	0° M	
	-2684 Jul 16 j 22:06	0° Ω				-2682 Nov 27 j 05:43	0° Ω	
	-2684 Aug 10 j 13:49	0° M				-2682 Dec 22 j 20:54	0° M	
desc. node	-2684 Aug 19 j 12:24	10° M 48'27				-2681 Jan 16 j 22:20	0° R°	
	-2684 Sep 04 j 12:07	0° Ω		desc. node		-2681 Feb 04 j 08:20	22° R° 12'49	
	-2684 Sep 29 j 22:58	0° M				-2681 Feb 10 j 18:58	0° R°	
	-2684 Oct 26 j 14:24	0° R°				-2681 Mar 07 j 13:27	0° \approx	
evening max el	-2684 Nov 06 j 02:46	11° R° 05'09	47°23'17			-2681 Apr 01 j 06:14	0° R°	
	-2684 Nov 26 j 06:25	0° R°				-2681 Apr 25 j 20:56	0° Y	
asc. node	-2684 Dec 10 j 11:46	10° R° 02'21		morning set		-2681 May 03 j 10:08	9° Y 13'45	
greatest brilliancy	-2684 Dec 13 j 07:29	11° R° 30'48	-4.6m			-2681 May 20 j 08:53	0° R°	
retrograde	-2684 Dec 27 j 05:42	15° R° 07'56		asc. node		-2681 May 28 j 07:43	9° R° 46'35	
evening set	-2683 Jan 12 j 19:07	9° R° 38'38		max. Earth dist.		-2681 Jun 04 j 20:45	19° R° 03'56	1.73293 AU
min. Earth dist.	-2683 Jan 16 j 05:51	7° R° 30'35	0.27999 AU					
inferior conj	-2683 Jan 17 j 06:07	6° R° 52'08	7°33'28	superior conj		-2681 Jun 08 j 09:20	23° R° 24'40	0°25'42
minimum elong	-2683 Jan 16 j 22:19	7° R° 04'31	7°32'20	minimum elong		-2681 Jun 08 j 04:27	23° R° 09'37	0°25'32
morning rise	-2683 Jan 21 j 02:00	4° R° 29'21				-2681 Jun 13 j 17:25	0° Π	
	-2683 Jan 30 j 13:44	30° R°				-2681 Jul 07 j 22:38	0° R°	
direct	-2683 Feb 07 j 02:50	28° R° 49'56		evening rise		-2681 Jul 14 j 04:12	7° R° 44'29	
	-2683 Feb 14 j 23:29	0° R°				-2681 Aug 01 j 01:33	0° Ω	
greatest brilliancy	-2683 Feb 17 j 20:21	0° R° 57'04	-4.5m			-2681 Aug 25 j 03:59	0° M	
morning max el	-2683 Mar 28 j 02:40	29° R° 06'14	45°55'50	desc. node		-2681 Sep 17 j 00:30	28° M 23'01	
	-2683 Mar 29 j 01:03	0° \approx				-2681 Sep 18 j 07:47	0° Ω	
desc. node	-2683 Apr 01 j 05:34	3° \approx 06'13				-2681 Oct 12 j 14:42	0° M	
	-2683 Apr 27 j 00:16	0° R°				-2681 Nov 06 j 03:16	0° R°	
	-2683 May 23 j 18:13	0° Y				-2681 Dec 01 j 03:17	0° R°	
	-2683 Jun 18 j 10:44	0° R°				-2681 Dec 27 j 05:22	0° \approx	
	-2683 Jul 13 j 10:19	0° Π		asc. node		-2680 Jan 07 j 23:40	12° \approx 44'37	
asc. node	-2683 Jul 23 j 05:32	11° Π 57'29		evening max el		-2680 Jan 17 j 03:36	22° \approx 09'01	46°06'37
	-2683 Aug 06 j 21:04	0° R°				-2680 Jan 25 j 07:20	0° R°	
greatest brilliancy	-2683 Aug 22 j 11:40	19° R° 25'13	-3.9m	greatest brilliancy		-2680 Feb 20 j 20:09	19° R° 42'47	-4.5m

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

retrograde	-2680 Mar 06 j 15:03	23° K 35'29			-2678 Aug 15 j 17:40	0° Ω	
evening set	-2680 Mar 23 j 11:52	18° K 07'09			-2678 Sep 08 j 14:43	0° M	
inferior conj	-2680 Mar 28 j 01:53	15° K 16'05	6°22'42	evening rise	-2678 Sep 23 j 21:56	19° M 14'27	
minimum elong	-2680 Mar 28 j 10:51	15° K 01'49	6°21'04		-2678 Oct 02 j 11:28	0° Ω	
min. Earth dist.	-2680 Mar 28 j 09:54	15° K 03'19	0.29227 AU	desc. node	-2678 Oct 14 j 12:36	15° Ω 07'08	
morning rise	-2680 Apr 02 j 09:53	11° K 58'30			-2678 Oct 26 j 09:40	0° M	
direct	-2680 Apr 18 j 18:21	6° K 52'09			-2678 Nov 19 j 10:35	0° K	
desc. node	-2680 Apr 28 j 17:03	8° K 38'54			-2678 Dec 13 j 15:50	0° Ω	
greatest brilliancy	-2680 May 01 j 19:58	9° K 51'37	-4.5m		-2677 Jan 07 j 04:52	0° \approx	
	-2680 May 30 j 09:58	0° Y			-2677 Feb 01 j 08:12	0° K	
morning max el	-2680 Jun 06 j 14:15	6° Y 39'18	45°50'28	asc. node	-2677 Feb 04 j 11:32	3° K 40'14	
	-2680 Jun 29 j 10:21	0° B			-2677 Feb 27 j 14:41	0° Y	
	-2680 Jul 26 j 04:41	0° II			-2677 Mar 28 j 10:06	0° B	
asc. node	-2680 Aug 19 j 17:17	29° II 01'22		evening max el	-2677 Mar 28 j 21:53	0° B 28'12	45°11'47
	-2680 Aug 20 j 12:44	0° Ω		greatest brilliancy	-2677 May 02 j 11:05	26° B 29'04	-4.5m
	-2680 Sep 14 j 01:06	0° Ω		retrograde	-2677 May 16 j 05:21	29° B 45'46	
	-2680 Oct 08 j 02:33	0° M		desc. node	-2677 May 27 j 04:58	27° B 24'07	
	-2680 Oct 31 j 23:28	0° Ω		evening set	-2677 May 31 j 02:59	25° B 31'06	
	-2680 Nov 24 j 20:11	0° M		inferior conj	-2677 Jun 06 j 14:03	21° B 43'12	-2°-23'-49
morning set	-2680 Dec 07 j 08:23	15° M 41'21		minimum elong	-2677 Jun 06 j 08:52	21° B 51'11	2°22'19
desc. node	-2680 Dec 09 j 10:36	18° M 18'36		min. Earth dist.	-2677 Jun 06 j 23:40	21° B 28'24	0.28668 AU
	-2680 Dec 18 j 18:53	0° K		morning rise	-2677 Jun 12 j 14:14	18° B 08'39	
	-2679 Jan 11 j 20:15	0° Ω		direct	-2677 Jun 28 j 05:48	13° B 28'29	
				greatest brilliancy	-2677 Jul 12 j 21:58	17° B 13'29	-4.5m
superior conj	-2679 Jan 17 j 23:20	7° Ω 37'08	-1°-15'-4		-2677 Jul 31 j 21:58	0° II	
minimum elong	-2679 Jan 17 j 14:25	7° Ω 09'25	1°14'58	morning max el	-2677 Aug 16 j 23:41	14° II 41'45	46°23'06
max. Earth dist.	-2679 Jan 22 j 02:10	12° Ω 43'58	1.72337 AU		-2677 Aug 31 j 18:20	0° Ω	
	-2679 Feb 05 j 00:26	0° \approx		asc. node	-2677 Sep 17 j 05:01	18° \approx 18'54	
evening rise	-2679 Feb 26 j 03:49	26° \approx 06'18			-2677 Sep 27 j 06:51	0° Ω	
	-2679 Mar 01 j 07:44	0° K			-2677 Oct 22 j 07:25	0° M	
	-2679 Mar 25 j 18:42	0° Y			-2677 Nov 15 j 16:58	0° Ω	
asc. node	-2679 Apr 01 j 09:38	8° Y 05'16			-2677 Dec 09 j 21:39	0° M	
	-2679 Apr 19 j 10:00	0° B			-2676 Jan 03 j 02:20	0° K	
	-2679 May 14 j 06:36	0° II		desc. node	-2676 Jan 06 j 22:34	4° K 45'31	
	-2679 Jun 08 j 10:27	0° Ω			-2676 Jan 27 j 08:39	0° Ω	
	-2679 Jul 04 j 02:03	0° Ω			-2676 Feb 20 j 16:40	0° \approx	
desc. node	-2679 Jul 22 j 02:25	20° Ω 29'52		morning set	-2676 Feb 21 j 14:55	1° \approx 08'27	
	-2679 Jul 30 j 16:06	0° M			-2676 Mar 16 j 02:00	0° K	
evening max el	-2679 Aug 23 j 12:48	25° M 04'17	47°08'06				
	-2679 Aug 28 j 14:14	0° Ω		superior conj	-2676 Mar 30 j 03:36	17° K 16'52	-1°-2'-9
greatest brilliancy	-2679 Oct 01 j 23:50	25° Ω 21'14	-4.7m	minimum elong	-2676 Mar 30 j 12:32	17° K 44'18	1°01'54
retrograde	-2679 Oct 12 j 23:48	27° Ω 37'45		max. Earth dist.	-2676 Mar 30 j 13:49	17° K 48'14	1.73615 AU
evening set	-2679 Oct 27 j 19:16	23° Ω 17'53			-2676 Apr 09 j 12:13	0° Y	
inferior conj	-2679 Nov 02 j 13:20	19° Ω 54'48	-2°-26'-15	asc. node	-2676 Apr 28 j 21:48	23° Y 48'21	
minimum elong	-2679 Nov 02 j 18:43	19° Ω 46'34	2°24'37		-2676 May 03 j 22:57	0° B	
min. Earth dist.	-2679 Nov 02 j 10:23	19° Ω 59'18	0.26342 AU	evening rise	-2676 May 05 j 13:01	1° B 56'44	
morning rise	-2679 Nov 08 j 18:13	16° Ω 17'28			-2676 May 28 j 09:52	0° II	
asc. node	-2679 Nov 12 j 02:03	14° Ω 41'08			-2676 Jun 21 j 21:09	0° Ω	
direct	-2679 Nov 22 j 18:17	12° Ω 20'06			-2676 Jul 16 j 09:56	0° Ω	
greatest brilliancy	-2679 Dec 04 j 13:20	14° Ω 56'18	-4.7m		-2676 Aug 10 j 02:20	0° M	
	-2679 Dec 26 j 23:57	0° M		desc. node	-2676 Aug 18 j 14:25	10° M 15'43	
morning max el	-2678 Jan 11 j 21:46	14° M 50'56	46°34'33		-2676 Sep 04 j 01:43	0° Ω	
	-2678 Jan 26 j 12:54	0° K			-2676 Sep 29 j 14:25	0° M	
	-2678 Feb 22 j 15:44	0° Ω			-2676 Oct 26 j 09:55	0° K	
desc. node	-2678 Mar 03 j 20:04	10° Ω 29'06		evening max el	-2676 Nov 03 j 19:13	8° K 47'37	47°24'45
	-2678 Mar 20 j 16:24	0° \approx			-2676 Nov 26 j 19:24	0° Ω	
	-2678 Apr 15 j 03:59	0° K		asc. node	-2676 Dec 09 j 14:01	8° Ω 29'35	
	-2678 May 10 j 06:38	0° Y		greatest brilliancy	-2676 Dec 11 j 01:01	9° Ω 13'33	-4.7m
	-2678 Jun 04 j 01:34	0° B		retrograde	-2676 Dec 24 j 21:46	12° Ω 48'10	
asc. node	-2678 Jun 24 j 19:45	25° B 24'52		evening set	-2675 Jan 10 j 07:11	7° Ω 24'11	
	-2678 Jun 28 j 13:06	0° II		min. Earth dist.	-2675 Jan 13 j 19:54	5° Ω 13'09	0.27921 AU
morning set	-2678 Jul 09 j 16:31	13° II 46'14		inferior conj	-2675 Jan 14 j 21:07	4° Ω 33'12	7°23'58
	-2678 Jul 22 j 17:55	0° Ω		minimum elong	-2675 Jan 14 j 12:53	4° Ω 46'15	7°22'41
max. Earth dist.	-2678 Aug 12 j 09:34	25° Ω 48'52	1.71679 AU	morning rise	-2675 Jan 18 j 19:09	2° Ω 07'20	
					-2675 Jan 22 j 14:54	30° K	
superior conj	-2678 Aug 15 j 19:35	0° Ω 06'02	1°23'43	direct	-2675 Feb 04 j 17:34	26° K 32'33	
minimum elong	-2678 Aug 15 j 17:34	29° Ω 59'43	1°23'47	greatest brilliancy	-2675 Feb 15 j 08:13	28° K 37'24	-4.5m

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2675 Feb 18 j 15:02	0°☾				-2673 Aug 24 j 15:36	0°☿	
morning max el	-2675 Mar 25 j 17:49	26°☾52'53	45°56'44	desc. node		-2673 Sep 16 j 02:34	27°☿52'22	
	-2675 Mar 28 j 23:06	0°≈				-2673 Sep 17 j 19:47	0°♊	
desc. node	-2675 Mar 31 j 07:37	2°≈19'14				-2673 Oct 12 j 03:09	0°♋	
	-2675 Apr 26 j 15:56	0°☿				-2673 Nov 05 j 16:22	0°♌	
	-2675 May 23 j 07:34	0°☿				-2673 Nov 30 j 17:35	0°♍	
	-2675 Jun 17 j 22:59	0°♊				-2673 Dec 26 j 22:20	0°≈	
asc. node	-2675 Jul 12 j 22:00	0°♋		asc. node		-2672 Jan 07 j 01:41	11°≈59'29	
	-2675 Jul 22 j 07:34	11°♋28'24		evening max el		-2672 Jan 14 j 17:44	19°≈50'21	46°09'33
	-2675 Aug 06 j 08:27	0°☿				-2672 Jan 25 j 09:31	0°☿	
greatest brilliancy	-2675 Aug 24 j 08:54	22°☿26'23	-3.9m	greatest brilliancy		-2672 Feb 18 j 12:26	17°☿32'38	-4.5m
	-2675 Aug 30 j 09:47	0°♊		retrograde		-2672 Mar 04 j 07:43	21°☿26'57	
morning set	-2675 Sep 19 j 02:55	24°♊48'06		evening set		-2672 Mar 21 j 07:14	15°☿54'28	
	-2675 Sep 23 j 05:51	0°☿		inferior conj		-2672 Mar 25 j 18:49	13°☿07'08	6°34'46
	-2675 Oct 17 j 00:19	0°♊		minimum elong		-2672 Mar 26 j 03:38	12°☿53'06	6°33'13
				min. Earth dist.		-2672 Mar 26 j 02:25	12°☿55'01	0.29222 AU
superior conj	-2675 Oct 29 j 16:05	15°♊57'24	0°28'32	morning rise		-2672 Mar 31 j 00:03	9°☿53'24	
minimum elong	-2675 Oct 29 j 23:23	16°♊20'27	0°28'11	direct		-2672 Apr 16 j 10:17	4°☿43'08	
max. Earth dist.	-2675 Nov 01 j 16:26	19°♊45'14	1.70964 AU	desc. node		-2672 Apr 27 j 19:16	7°☿00'46	
	-2675 Nov 09 j 19:48	0°♋		greatest brilliancy		-2672 Apr 29 j 11:18	7°☿41'28	-4.5m
desc. node	-2675 Nov 11 j 00:44	1°♋31'00				-2672 May 30 j 11:21	0°☿	
	-2675 Dec 03 j 17:32	0°♌		morning max el		-2672 Jun 04 j 06:06	4°☿28'36	45°50'03
evening rise	-2675 Dec 11 j 01:21	9°♌09'54				-2672 Jun 29 j 02:56	0°♊	
	-2675 Dec 27 j 18:14	0°☾				-2672 Jul 25 j 18:32	0°♋	
	-2674 Jan 20 j 22:57	0°≈		asc. node		-2672 Aug 18 j 19:24	28°♋29'28	
	-2674 Feb 14 j 09:41	0°☿				-2672 Aug 20 j 01:23	0°☿	
asc. node	-2674 Mar 03 j 23:39	21°☿18'11				-2672 Sep 13 j 13:11	0°♊	
	-2674 Mar 11 j 05:29	0°☿				-2672 Oct 07 j 14:21	0°☿	
	-2674 Apr 05 j 14:40	0°♊				-2672 Oct 31 j 11:06	0°♊	
	-2674 May 01 j 21:04	0°♋				-2672 Nov 24 j 07:41	0°♋	
	-2674 May 29 j 21:24	0°☿		morning set		-2672 Dec 04 j 17:54	13°♋04'52	
evening max el	-2674 Jun 08 j 11:28	9°☿27'50	45°41'43	desc. node		-2672 Dec 08 j 12:43	17°♋49'23	
desc. node	-2674 Jun 23 j 16:44	23°☿02'37				-2672 Dec 18 j 06:15	0°♌	
	-2674 Jul 02 j 22:42	0°♊				-2671 Jan 11 j 07:30	0°☾	
greatest brilliancy	-2674 Jul 16 j 16:56	7°♊25'27	-4.5m					
retrograde	-2674 Jul 27 j 12:25	9°♊30'40		superior conj		-2671 Jan 15 j 11:17	5°☾10'14	-1°-13'-19
evening set	-2674 Aug 14 j 09:37	3°♊36'47		minimum elong		-2671 Jan 15 j 01:46	4°☾40'37	1°13'10
inferior conj	-2674 Aug 17 j 11:19	1°♊45'58	-8°-52'-2	max. Earth dist.		-2671 Jan 19 j 13:32	10°☾15'24	1.72276 AU
minimum elong	-2674 Aug 17 j 09:41	1°♊48'28	8°51'58			-2671 Feb 04 j 11:38	0°≈	
min. Earth dist.	-2674 Aug 17 j 23:04	1°♊28'05	0.27466 AU	evening rise		-2671 Feb 23 j 18:47	23°≈50'08	
morning rise	-2674 Aug 20 j 09:35	29°☿59'52				-2671 Feb 28 j 18:56	0°☿	
	-2674 Aug 20 j 09:30	30°☿☿				-2671 Mar 25 j 06:00	0°☿	
direct	-2674 Sep 07 j 10:24	23°☿54'10		asc. node		-2671 Mar 31 j 11:49	7°☿37'15	
greatest brilliancy	-2674 Sep 21 j 04:15	27°☿20'35	-4.6m			-2671 Apr 18 j 21:35	0°♊	
	-2674 Sep 26 j 02:59	0°♊				-2671 May 13 j 18:43	0°♋	
asc. node	-2674 Oct 14 j 16:35	14°♊15'12				-2671 Jun 07 j 23:29	0°☿	
morning max el	-2674 Oct 28 j 04:25	27°♊19'18	46°52'57			-2671 Jul 03 j 16:39	0°♊	
	-2674 Oct 30 j 18:39	0°☿		desc. node		-2671 Jul 21 j 04:27	19°♊49'41	
	-2674 Nov 26 j 22:11	0°♊				-2671 Jul 30 j 09:54	0°☿	
	-2674 Dec 22 j 11:05	0°♋		evening max el		-2671 Aug 21 j 01:35	22°☿37'49	47°05'40
	-2673 Jan 16 j 11:18	0°♌				-2671 Aug 28 j 17:19	0°♊	
desc. node	-2673 Feb 03 j 10:19	21°♌41'25		greatest brilliancy		-2671 Sep 29 j 13:14	22°♊51'19	-4.7m
	-2673 Feb 10 j 07:10	0°☾		retrograde		-2671 Oct 10 j 12:08	25°♊06'45	
	-2673 Mar 07 j 01:08	0°≈		evening set		-2671 Oct 25 j 09:25	20°♊43'51	
	-2673 Mar 31 j 17:33	0°☿		inferior conj		-2671 Oct 31 j 01:23	17°♊24'08	-2°-49'-55
	-2673 Apr 25 j 08:01	0°☿		minimum elong		-2671 Oct 31 j 07:35	17°♊14'42	2°48'03
morning set	-2673 May 01 j 04:59	7°☿10'53		min. Earth dist.		-2671 Oct 30 j 23:49	17°♊26'31	0.26343 AU
	-2673 May 19 j 19:50	0°♊		morning rise		-2671 Nov 06 j 05:45	13°♊48'03	
asc. node	-2673 May 27 j 09:55	9°♊19'39		asc. node		-2671 Nov 11 j 04:18	11°♊32'33	
max. Earth dist.	-2673 Jun 02 j 16:57	17°♊04'35	1.73334 AU	direct		-2671 Nov 20 j 06:32	9°♊49'16	
				greatest brilliancy		-2671 Dec 02 j 03:55	12°♊28'32	-4.7m
superior conj	-2673 Jun 06 j 04:15	21°♊21'19	0°22'46			-2671 Dec 27 j 08:33	0°♋	
minimum elong	-2673 Jun 05 j 23:54	21°♊07'51	0°22'37	morning max el		-2670 Jan 09 j 12:11	12°♋28'16	46°35'55
	-2673 Jun 13 j 04:23	0°♋				-2670 Jan 26 j 07:52	0°♌	
	-2673 Jul 07 j 09:42	0°☿				-2670 Feb 22 j 06:51	0°☾	
evening rise	-2673 Jul 11 j 22:16	5°☿36'58		desc. node		-2670 Mar 02 j 22:11	9°☾54'00	
	-2673 Jul 31 j 12:51	0°♊				-2670 Mar 20 j 05:42	0°≈	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2670 Apr 14 j 16:16	0° H		asc. node	-2668 Dec 08 j 15:59	6° C 53'24	
	-2670 May 09 j 18:18	0° Y		greatest brilliancy	-2668 Dec 08 j 19:11	6° C 57'15	-4.7m
	-2670 Jun 03 j 12:53	0° B		retrograde	-2668 Dec 22 j 13:30	10° C 28'29	
asc. node	-2670 Jun 23 j 21:46	24° B 56'39		evening set	-2667 Jan 07 j 19:22	5° C 10'04	
	-2670 Jun 28 j 00:15	0° II		min. Earth dist.	-2667 Jan 11 j 10:29	2° C 55'26	0.27844 AU
morning set	-2670 Jul 07 j 09:50	11° II 36'49		inferior conj	-2667 Jan 12 j 12:13	2° C 14'36	7°13'43
	-2670 Jul 22 j 05:02	0° C		minimum elong	-2667 Jan 12 j 03:38	2° C 28'13	7°12'16
max. Earth dist.	-2670 Aug 09 j 22:56	23° C 25'28	1.71731 AU		-2667 Jan 16 j 02:42	30° R A	
				morning rise	-2667 Jan 16 j 12:30	29° A 45'20	
superior conj	-2670 Aug 13 j 11:07	27° C 49'18	1°23'17	direct	-2667 Feb 02 j 08:11	24° A 15'28	
minimum elong	-2670 Aug 13 j 08:23	27° C 40'42	1°23'20	greatest brilliancy	-2667 Feb 12 j 20:54	26° A 18'30	-4.5m
	-2670 Aug 15 j 04:48	0° Q			-2667 Feb 20 j 15:14	0° C	
	-2670 Sep 08 j 01:57	0° M		morning max el	-2667 Mar 23 j 08:18	24° C 37'33	45°57'33
evening rise	-2670 Sep 21 j 09:26	16° M 44'12			-2667 Mar 28 j 20:25	0° \approx	
	-2670 Oct 01 j 22:50	0° A		desc. node	-2667 Mar 30 j 09:50	1° \approx 33'15	
desc. node	-2670 Oct 13 j 14:48	14° A 38'07			-2667 Apr 26 j 07:26	0° H	
	-2670 Oct 25 j 21:13	0° M			-2667 May 22 j 20:51	0° Y	
	-2670 Nov 18 j 22:20	0° A			-2667 Jun 17 j 11:11	0° B	
	-2670 Dec 13 j 03:54	0° C			-2667 Jul 12 j 09:37	0° II	
	-2669 Jan 06 j 17:25	0° \approx		asc. node	-2667 Jul 21 j 09:39	10° II 59'42	
	-2669 Jan 31 j 21:45	0° H			-2667 Aug 05 j 19:46	0° C	
asc. node	-2669 Feb 03 j 13:38	3° H 06'23		greatest brilliancy	-2667 Aug 25 j 16:28	24° C 45'11	-3.9m
	-2669 Feb 27 j 06:32	0° Y			-2667 Aug 29 j 20:57	0° Q	
evening max el	-2669 Mar 26 j 14:35	28° Y 19'29	45°12'25	morning set	-2667 Sep 16 j 15:33	22° Q 21'28	
	-2669 Mar 28 j 08:59	0° B			-2667 Sep 22 j 17:00	0° M	
greatest brilliancy	-2669 Apr 30 j 01:16	24° B 17'13	-4.5m		-2667 Oct 16 j 11:29	0° A	
retrograde	-2669 May 13 j 21:13	27° B 35'17					
desc. node	-2669 May 26 j 07:03	24° B 35'45		superior conj	-2667 Oct 27 j 01:40	13° A 21'19	0°32'15
evening set	-2669 May 28 j 18:29	23° B 21'01		minimum elong	-2667 Oct 27 j 09:46	13° A 46'50	0°31'52
inferior conj	-2669 Jun 04 j 05:51	19° B 32'07	-2°-4'-20	max. Earth dist.	-2667 Oct 29 j 18:56	16° A 46'50	1.70942 AU
minimum elong	-2669 Jun 04 j 01:21	19° B 39'04	2°03'00		-2667 Nov 09 j 06:57	0° M	
min. Earth dist.	-2669 Jun 04 j 15:28	19° B 17'17	0.28699 AU	desc. node	-2667 Nov 10 j 02:50	1° M 02'30	
morning rise	-2669 Jun 10 j 07:46	15° B 54'58			-2667 Dec 03 j 04:41	0° A	
direct	-2669 Jun 25 j 22:32	11° B 16'55		evening rise	-2667 Dec 08 j 11:12	6° A 35'46	
greatest brilliancy	-2669 Jul 10 j 13:03	15° B 00'22	-4.5m		-2667 Dec 27 j 05:24	0° C	
	-2669 Aug 01 j 05:05	0° II			-2666 Jan 20 j 10:12	0° \approx	
morning max el	-2669 Aug 14 j 15:30	12° II 27'20	46°21'43		-2666 Feb 13 j 21:12	0° H	
	-2669 Aug 31 j 12:20	0° C		asc. node	-2666 Mar 03 j 01:49	20° H 49'09	
asc. node	-2669 Sep 16 j 07:11	17° C 40'26			-2666 Mar 10 j 17:30	0° Y	
	-2669 Sep 26 j 21:29	0° Q			-2666 Apr 05 j 03:42	0° B	
	-2669 Oct 21 j 20:35	0° M			-2666 May 01 j 12:10	0° II	
	-2669 Nov 15 j 05:23	0° A			-2666 May 29 j 17:46	0° C	
	-2669 Dec 09 j 09:36	0° M		evening max el	-2666 Jun 06 j 00:22	7° C 07'43	45°39'17
	-2668 Jan 02 j 13:59	0° A		desc. node	-2666 Jun 22 j 18:46	21° C 57'06	
desc. node	-2668 Jan 06 j 00:34	4° A 15'48			-2666 Jul 04 j 02:22	0° Q	
	-2668 Jan 26 j 20:03	0° C		greatest brilliancy	-2666 Jul 14 j 04:28	5° Q 03'09	-4.5m
morning set	-2668 Feb 19 j 05:40	28° C 51'42		retrograde	-2666 Jul 25 j 00:42	7° Q 09'35	
	-2668 Feb 20 j 03:51	0° \approx		evening set	-2666 Aug 11 j 20:39	1° Q 18'32	
	-2668 Mar 15 j 13:00	0° H			-2666 Aug 14 j 01:16	30° R C	
				inferior conj	-2666 Aug 15 j 00:43	29° C 24'23	-8°-49'-20
superior conj	-2668 Mar 27 j 21:01	15° H 09'16	-1°-4'-16	minimum elong	-2666 Aug 14 j 22:10	29° C 28'17	8°49'11
minimum elong	-2668 Mar 28 j 05:55	15° H 36'35	1°04'01	min. Earth dist.	-2666 Aug 15 j 12:34	29° C 06'21	0.27520 AU
max. Earth dist.	-2668 Mar 28 j 12:43	15° H 57'29	1.73592 AU	morning rise	-2666 Aug 17 j 23:28	27° C 37'32	
	-2668 Apr 08 j 23:10	0° Y		direct	-2666 Sep 04 j 23:57	21° C 31'24	
asc. node	-2668 Apr 27 j 23:58	23° Y 21'18		greatest brilliancy	-2666 Sep 18 j 20:36	25° C 00'13	-4.6m
evening rise	-2668 May 03 j 08:02	29° Y 54'08			-2666 Sep 27 j 11:01	0° Q	
	-2668 May 03 j 09:57	0° B		asc. node	-2666 Oct 13 j 18:46	13° Q 13'20	
	-2668 May 27 j 21:03	0° II		morning max el	-2666 Oct 25 j 17:20	24° Q 51'38	46°52'43
	-2668 Jun 21 j 08:40	0° C			-2666 Oct 30 j 15:57	0° M	
	-2668 Jul 15 j 21:56	0° Q			-2666 Nov 26 j 14:11	0° A	
	-2668 Aug 09 j 15:04	0° M			-2666 Dec 22 j 00:56	0° M	
desc. node	-2668 Aug 17 j 16:33	9° M 42'56			-2665 Jan 15 j 23:57	0° A	
	-2668 Sep 03 j 15:32	0° A		desc. node	-2665 Feb 02 j 12:31	21° A 11'32	
	-2668 Sep 29 j 06:07	0° M			-2665 Feb 09 j 19:03	0° C	
	-2668 Oct 26 j 05:57	0° A			-2665 Mar 06 j 12:30	0° \approx	
evening max el	-2668 Nov 01 j 11:18	6° A 29'11	47°26'07		-2665 Mar 31 j 04:35	0° H	
	-2668 Nov 27 j 12:34	0° C			-2665 Apr 24 j 18:51	0° Y	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2665 Apr 28 j 23:52	5°Υ08'51		min. Earth dist.	-2663 Oct 28 j 12:56	14°♄55'21	0.26347 AU
	-2665 May 19 j 06:34	0°♄		morning rise	-2663 Nov 03 j 17:01	11°♄20'03	
asc. node	-2665 May 26 j 11:56	8°♄52'53		asc. node	-2663 Nov 10 j 06:18	8°♄31'06	
max. Earth dist.	-2665 May 31 j 14:03	15°♄08'46	1.73375 AU	direct	-2663 Nov 17 j 19:17	7°♄19'47	
				greatest brilliancy	-2663 Nov 29 j 17:38	10°♄00'49	-4.7m
superior conj	-2665 Jun 03 j 23:12	19°♄18'44	0°19'48		-2663 Dec 27 j 14:18	0°♄	
minimum elong	-2665 Jun 03 j 19:22	19°♄06'55	0°19'40	morning max el	-2662 Jan 07 j 02:52	10°♄07'18	46°37'07
	-2665 Jun 12 j 15:06	0°♄			-2662 Jan 26 j 01:58	0°♄	
	-2665 Jul 06 j 20:32	0°♄			-2662 Feb 21 j 21:24	0°♄	
evening rise	-2665 Jul 09 j 16:25	3°♄30'36		desc. node	-2662 Mar 02 j 00:19	9°♄20'10	
	-2665 Jul 30 j 23:55	0°♄			-2662 Mar 19 j 18:32	0°♄	
	-2665 Aug 24 j 02:58	0°♄			-2662 Apr 14 j 04:07	0°♄	
desc. node	-2665 Sep 15 j 04:44	27°♄22'51			-2662 May 09 j 05:33	0°♄	
	-2665 Sep 17 j 07:32	0°♄			-2662 Jun 02 j 23:47	0°♄	
	-2665 Oct 11 j 15:23	0°♄		asc. node	-2662 Jun 22 j 23:55	24°♄30'08	
	-2665 Nov 05 j 05:18	0°♄			-2662 Jun 27 j 11:00	0°♄	
	-2665 Nov 30 j 07:45	0°♄		morning set	-2662 Jul 05 j 03:24	9°♄29'25	
	-2665 Dec 26 j 15:17	0°♄			-2662 Jul 21 j 15:46	0°♄	
asc. node	-2664 Jan 06 j 03:52	11°♄15'11		max. Earth dist.	-2662 Aug 07 j 10:24	20°♄57'20	1.71790 AU
evening max el	-2664 Jan 12 j 08:24	17°♄34'03	46°12'39				
	-2664 Jan 25 j 12:44	0°♄		superior conj	-2662 Aug 11 j 02:48	25°♄34'09	1°22'43
greatest brilliancy	-2664 Feb 16 j 04:07	15°♄23'02	-4.5m	minimum elong	-2662 Aug 10 j 23:20	25°♄23'17	1°22'45
retrograde	-2664 Mar 02 j 01:02	19°♄20'04			-2662 Aug 14 j 15:37	0°♄	
evening set	-2664 Mar 19 j 02:42	13°♄43'18			-2662 Sep 07 j 12:53	0°♄	
inferior conj	-2664 Mar 23 j 11:53	10°♄59'41	6°46'12	evening rise	-2662 Sep 18 j 20:50	14°♄14'32	
minimum elong	-2664 Mar 23 j 20:32	10°♄45'56	6°44'45		-2662 Oct 01 j 09:55	0°♄	
min. Earth dist.	-2664 Mar 23 j 18:46	10°♄48'44	0.29216 AU	desc. node	-2662 Oct 12 j 16:50	14°♄09'26	
morning rise	-2664 Mar 28 j 14:22	7°♄50'05			-2662 Oct 25 j 08:29	0°♄	
direct	-2664 Apr 14 j 02:33	2°♄35'39			-2662 Nov 18 j 09:49	0°♄	
desc. node	-2664 Apr 26 j 21:21	5°♄27'23			-2662 Dec 12 j 15:41	0°♄	
greatest brilliancy	-2664 Apr 27 j 02:55	5°♄33'18	-4.5m		-2661 Jan 06 j 05:43	0°♄	
	-2664 May 30 j 11:01	0°♄			-2661 Jan 31 j 11:06	0°♄	
morning max el	-2664 Jun 01 j 22:56	2°♄21'31	45°49'34	asc. node	-2661 Feb 02 j 15:50	2°♄33'30	
	-2664 Jun 28 j 18:51	0°♄			-2661 Feb 26 j 22:19	0°♄	
	-2664 Jul 25 j 07:57	0°♄		evening max el	-2661 Mar 24 j 07:06	26°♄11'13	45°13'08
asc. node	-2664 Aug 17 j 21:37	27°♄58'58			-2661 Mar 28 j 08:26	0°♄	
	-2664 Aug 19 j 13:40	0°♄		greatest brilliancy	-2661 Apr 27 j 16:40	22°♄08'11	-4.5m
	-2664 Sep 13 j 00:55	0°♄		retrograde	-2661 May 11 j 12:49	25°♄26'26	
	-2664 Oct 07 j 01:47	0°♄		desc. node	-2661 May 25 j 09:03	21°♄45'34	
	-2664 Oct 30 j 22:22	0°♄		evening set	-2661 May 26 j 10:21	21°♄12'30	
	-2664 Nov 23 j 18:50	0°♄		inferior conj	-2661 Jun 01 j 21:51	17°♄22'52	-1°-44'-47
morning set	-2664 Dec 02 j 03:22	10°♄29'13		minimum elong	-2661 Jun 01 j 18:02	17°♄28'47	1°43'39
desc. node	-2664 Dec 07 j 14:41	17°♄20'47		min. Earth dist.	-2661 Jun 02 j 07:39	17°♄07'41	0.28727 AU
	-2664 Dec 17 j 17:18	0°♄		morning rise	-2661 Jun 08 j 01:18	13°♄43'11	
	-2663 Jan 10 j 18:27	0°♄		direct	-2661 Jun 23 j 15:11	9°♄07'20	
				greatest brilliancy	-2661 Jul 08 j 03:25	12°♄47'56	-4.5m
superior conj	-2663 Jan 12 j 23:05	2°♄43'42	-1°-11'-24		-2661 Aug 01 j 09:28	0°♄	
minimum elong	-2663 Jan 12 j 13:01	2°♄12'25	1°11'14	morning max el	-2661 Aug 12 j 06:23	10°♄11'57	46°20'09
max. Earth dist.	-2663 Jan 16 j 23:52	7°♄44'32	1.72217 AU		-2661 Aug 31 j 05:33	0°♄	
	-2663 Feb 03 j 22:30	0°♄		asc. node	-2661 Sep 15 j 09:19	17°♄03'10	
evening rise	-2663 Feb 21 j 09:50	21°♄35'16			-2661 Sep 26 j 11:40	0°♄	
	-2663 Feb 28 j 05:45	0°♄			-2661 Oct 21 j 09:27	0°♄	
	-2663 Mar 24 j 16:55	0°♄			-2661 Nov 14 j 17:33	0°♄	
asc. node	-2663 Mar 30 j 13:59	7°♄10'24			-2661 Dec 08 j 21:20	0°♄	
	-2663 Apr 18 j 08:47	0°♄			-2660 Jan 02 j 01:22	0°♄	
	-2663 May 13 j 06:28	0°♄		desc. node	-2660 Jan 05 j 02:47	3°♄47'29	
	-2663 Jun 07 j 12:12	0°♄			-2660 Jan 26 j 07:10	0°♄	
	-2663 Jul 03 j 07:04	0°♄		morning set	-2660 Feb 16 j 20:04	26°♄34'37	
desc. node	-2663 Jul 20 j 06:36	19°♄10'27			-2660 Feb 19 j 14:45	0°♄	
	-2663 Jul 30 j 03:43	0°♄			-2660 Mar 14 j 23:46	0°♄	
evening max el	-2663 Aug 18 j 15:27	20°♄15'17	47°03'12				
	-2663 Aug 27 j 21:36	0°♄		superior conj	-2660 Mar 25 j 14:18	13°♄01'56	-1°-6'-17
greatest brilliancy	-2663 Sep 27 j 02:04	20°♄22'07	-4.7m	minimum elong	-2660 Mar 25 j 23:06	13°♄28'58	1°06'04
retrograde	-2663 Oct 08 j 00:51	22°♄36'53		max. Earth dist.	-2660 Mar 26 j 10:31	14°♄04'02	1.73566 AU
evening set	-2663 Oct 22 j 23:49	18°♄10'56			-2660 Apr 08 j 09:53	0°♄	
inferior conj	-2663 Oct 28 j 13:27	14°♄54'34	-3°-13'-13	asc. node	-2660 Apr 27 j 01:59	22°♄54'30	
minimum elong	-2663 Oct 28 j 20:24	14°♄43'59	3°11'08	evening rise	-2660 May 01 j 03:00	27°♄52'03	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2660 May 02 j 20:43	0°♄		asc. node	-2658 Oct 12 j 20:48	12°♄13'01	
	-2660 May 27 j 07:59	0°♅		morning max el	-2658 Oct 23 j 07:01	22°♄26'27	46°52'22
	-2660 Jun 20 j 19:54	0°♆			-2658 Oct 30 j 12:24	0°♇	
	-2660 Jul 15 j 09:41	0°♁			-2658 Nov 26 j 05:55	0°♂	
	-2660 Aug 09 j 03:35	0°♂			-2658 Dec 21 j 14:42	0°♌	
desc. node	-2660 Aug 16 j 18:41	9°♂10'50			-2657 Jan 15 j 12:39	0°♍	
	-2660 Sep 03 j 05:14	0°♉		desc. node	-2657 Feb 01 j 14:36	20°♍40'56	
	-2660 Sep 28 j 21:54	0°♊			-2657 Feb 09 j 07:03	0°♎	
	-2660 Oct 26 j 02:35	0°♋			-2657 Mar 06 j 00:01	0°♏	
evening max el	-2660 Oct 30 j 02:25	4°♋08'07	47°27'12		-2657 Mar 30 j 15:45	0°♐	
	-2660 Nov 28 j 11:58	0°♌			-2657 Apr 24 j 05:48	0°♑	
greatest brilliancy	-2660 Dec 06 j 13:29	4°♌40'19	-4.7m	morning set	-2657 Apr 26 j 18:21	3°♑05'07	
asc. node	-2660 Dec 07 j 18:10	5°♌13'19			-2657 May 18 j 17:25	0°♒	
retrograde	-2660 Dec 20 j 04:18	8°♌07'40		asc. node	-2657 May 25 j 14:04	8°♒26'02	
evening set	-2659 Jan 05 j 07:10	2°♌54'56		max. Earth dist.	-2657 May 29 j 12:30	13°♒16'39	1.73414 AU
min. Earth dist.	-2659 Jan 09 j 01:07	0°♌36'09	0.27766 AU				
	-2659 Jan 09 j 23:54	30°♌♊		superior conj	-2657 Jun 01 j 17:52	17°♒14'55	0°16'47
inferior conj	-2659 Jan 10 j 03:01	29°♌55'04	7°02'27	minimum elong	-2657 Jun 01 j 14:36	17°♒04'50	0°16'41
minimum elong	-2659 Jan 09 j 18:06	0°♌09'12	7°00'52		-2657 Jun 12 j 01:58	0°♓	
morning rise	-2659 Jan 14 j 05:39	27°♌22'10			-2657 Jul 06 j 07:32	0°♈	
direct	-2659 Jan 30 j 22:01	21°♌57'20		evening rise	-2657 Jul 07 j 10:36	1°♈23'57	
greatest brilliancy	-2659 Feb 10 j 10:18	23°♌59'41	-4.6m		-2657 Jul 30 j 11:07	0°♁	
	-2659 Feb 21 j 23:45	0°♉			-2657 Aug 23 j 14:27	0°♂	
morning max el	-2659 Mar 20 j 21:45	22°♉19'43	45°58'30	desc. node	-2657 Sep 14 j 06:46	26°♂52'38	
	-2659 Mar 28 j 16:56	0°♊			-2657 Sep 16 j 19:22	0°♉	
desc. node	-2659 Mar 29 j 11:55	0°♊47'49			-2657 Oct 11 j 03:42	0°♊	
	-2659 Apr 25 j 22:37	0°♋			-2657 Nov 04 j 18:21	0°♌	
	-2659 May 22 j 09:56	0°♍			-2657 Nov 29 j 22:10	0°♍	
	-2659 Jun 16 j 23:13	0°♎			-2657 Dec 26 j 08:49	0°♏	
	-2659 Jul 11 j 21:04	0°♏		asc. node	-2656 Jan 05 j 06:03	10°♏29'30	
asc. node	-2659 Jul 20 j 11:53	10°♏31'50		evening max el	-2656 Jan 09 j 23:50	15°♏18'50	46°15'35
	-2659 Aug 05 j 06:54	0°♐			-2656 Jan 25 j 18:15	0°♐	
greatest brilliancy	-2659 Aug 26 j 17:36	26°♐44'30	-3.9m	greatest brilliancy	-2656 Feb 13 j 20:02	13°♐12'20	-4.5m
	-2659 Aug 29 j 07:58	0°♑		retrograde	-2656 Feb 28 j 18:26	17°♐11'16	
morning set	-2659 Sep 14 j 04:32	19°♑56'26		evening set	-2656 Mar 16 j 21:52	11°♐30'18	
	-2659 Sep 22 j 04:00	0°♒		inferior conj	-2656 Mar 21 j 04:40	8°♐50'16	6°57'03
	-2659 Oct 15 j 22:33	0°♓		minimum elong	-2656 Mar 21 j 13:05	8°♐36'54	6°55'43
				min. Earth dist.	-2656 Mar 21 j 10:30	8°♐41'01	0.29209 AU
superior conj	-2659 Oct 24 j 11:19	10°♓45'38	0°35'54	morning rise	-2656 Mar 26 j 04:21	5°♐45'00	
minimum elong	-2659 Oct 24 j 20:08	11°♓13'22	0°35'29	direct	-2656 Apr 11 j 19:02	0°♐26'22	
max. Earth dist.	-2659 Oct 26 j 19:45	13°♓43'24	1.70933 AU	greatest brilliancy	-2656 Apr 24 j 17:52	3°♐22'58	-4.5m
	-2659 Nov 08 j 18:04	0°♔		desc. node	-2656 Apr 25 j 23:22	3°♐55'40	
desc. node	-2659 Nov 09 j 04:51	0°♔33'52			-2656 May 30 j 10:05	0°♑	
	-2659 Dec 02 j 15:50	0°♕		morning max el	-2656 May 30 j 15:59	0°♑14'03	45°49'05
evening rise	-2659 Dec 05 j 20:34	4°♕00'03			-2656 Jun 28 j 10:48	0°♒	
	-2659 Dec 26 j 16:35	0°♖			-2656 Jul 24 j 21:31	0°♓	
	-2658 Jan 19 j 21:30	0°♗		asc. node	-2656 Aug 16 j 23:37	27°♓27'08	
	-2658 Feb 13 j 08:45	0°♘			-2656 Aug 19 j 02:09	0°♈	
asc. node	-2658 Mar 02 j 03:56	20°♘19'48			-2656 Sep 12 j 12:51	0°♁	
	-2658 Mar 10 j 05:36	0°♙			-2656 Oct 06 j 13:24	0°♂	
	-2658 Apr 04 j 16:52	0°♚			-2656 Oct 30 j 09:47	0°♉	
	-2658 May 01 j 03:33	0°♛			-2656 Nov 23 j 06:06	0°♊	
	-2658 May 29 j 14:51	0°♜		morning set	-2656 Nov 29 j 13:21	7°♊54'39	
evening max el	-2658 Jun 03 j 13:24	4°♜48'04	45°37'05	desc. node	-2656 Dec 06 j 16:54	16°♊52'31	
desc. node	-2658 Jun 21 j 21:00	20°♜50'17			-2656 Dec 17 j 04:28	0°♋	
	-2658 Jul 05 j 17:37	0°♍					
greatest brilliancy	-2658 Jul 11 j 15:07	2°♍40'20	-4.5m	superior conj	-2655 Jan 10 j 10:52	0°♌16'29	-1°-9'-21
retrograde	-2658 Jul 22 j 13:41	4°♍49'18		minimum elong	-2655 Jan 10 j 00:22	29°♌43'50	1°09'09
	-2658 Aug 07 j 14:11	30°♍♊			-2655 Jan 10 j 05:34	0°♎	
evening set	-2658 Aug 09 j 07:23	29°♍01'23		max. Earth dist.	-2655 Jan 14 j 12:46	5°♎21'00	1.72164 AU
inferior conj	-2658 Aug 12 j 14:12	27°♍03'24	-8°-45'-37		-2655 Feb 03 j 09:34	0°♏	
minimum elong	-2658 Aug 12 j 10:46	27°♍08'37	8°45'24	evening rise	-2655 Feb 19 j 00:40	19°♏18'58	
min. Earth dist.	-2658 Aug 13 j 01:51	26°♍45'44	0.27570 AU		-2655 Feb 27 j 16:51	0°♐	
morning rise	-2658 Aug 15 j 13:57	25°♍15'14			-2655 Mar 24 j 04:08	0°♑	
direct	-2658 Sep 02 j 13:46	19°♍09'20		asc. node	-2655 Mar 29 j 15:58	6°♑42'03	
greatest brilliancy	-2658 Sep 16 j 13:19	22°♍41'14	-4.6m		-2655 Apr 17 j 20:19	0°♒	
	-2658 Sep 28 j 09:49	0°♎			-2655 May 12 j 18:36	0°♓	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 50

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2655 Jun 07 j 01:20	0°☿				-2652 Jan 25 j 18:33	0°☿		
	-2655 Jul 02 j 22:00	0°♌		morning set		-2652 Feb 14 j 10:39	24°☿17'12		
desc. node	-2655 Jul 19 j 08:44	18°♌29'39				-2652 Feb 19 j 01:53	0°≈		
	-2655 Jul 29 j 22:22	0°♍				-2652 Mar 14 j 10:45	0°♋		
evening max el	-2655 Aug 16 j 05:44	17°♍52'50	47°00'37						
	-2655 Aug 29 j 04:19	0°♎		superior conj		-2652 Mar 23 j 07:52	10°♋54'47	-1°-8'-12	
greatest brilliancy	-2655 Sep 24 j 15:15	17°♎52'26	-4.7m	minimum elong		-2652 Mar 23 j 16:32	11°♋21'25	1°08'00	
retrograde	-2655 Oct 05 j 13:21	20°♎05'43		max. Earth dist.		-2652 Mar 24 j 07:57	12°♋08'45	1.73538 AU	
evening set	-2655 Oct 20 j 14:21	15°♎36'55				-2652 Apr 07 j 20:50	0°♐		
inferior conj	-2655 Oct 26 j 01:24	12°♎23'59	-3°-36'-8	asc. node		-2652 Apr 26 j 04:10	22°♐27'30		
minimum elong	-2655 Oct 26 j 09:04	12°♎12'19	3°33'53	evening rise		-2652 Apr 28 j 22:08	25°♐49'45		
min. Earth dist.	-2655 Oct 26 j 01:55	12°♎23'11	0.26348 AU	greatest brilliancy		-2652 Apr 29 j 20:17	26°♐57'40	-3.9m	
morning rise	-2655 Nov 01 j 03:52	8°♎51'12				-2652 May 02 j 07:45	0°♑		
asc. node	-2655 Nov 09 j 08:27	5°♎34'20				-2652 May 26 j 19:13	0°♒		
direct	-2655 Nov 15 j 08:08	4°♎49'29				-2652 Jun 20 j 07:29	0°☿		
greatest brilliancy	-2655 Nov 27 j 06:35	7°♎31'14	-4.7m			-2652 Jul 14 j 21:48	0°♌		
	-2655 Dec 27 j 18:25	0°♍				-2652 Aug 08 j 16:30	0°♍		
morning max el	-2654 Jan 04 j 16:40	7°♍43'26	46°38'23	desc. node		-2652 Aug 15 j 20:41	8°♍37'11		
	-2654 Jan 25 j 19:51	0°♎				-2652 Sep 02 j 19:24	0°♎		
	-2654 Feb 21 j 12:00	0°☿				-2652 Sep 28 j 14:16	0°♍		
desc. node	-2654 Mar 01 j 02:22	8°☿45'40				-2652 Oct 26 j 00:16	0°♎		
	-2654 Mar 19 j 07:33	0°≈		evening max el		-2652 Oct 27 j 16:28	1°♎43'21	47°28'13	
	-2654 Apr 13 j 16:13	0°♋				-2652 Nov 29 j 21:15	0°☿		
	-2654 May 08 j 17:07	0°♐		greatest brilliancy		-2652 Dec 04 j 07:25	2°☿21'40	-4.7m	
	-2654 Jun 02 j 11:02	0°♑		asc. node		-2652 Dec 06 j 20:22	3°☿28'23		
asc. node	-2654 Jun 22 j 02:06	24°♑02'36		retrograde		-2652 Dec 17 j 18:55	5°☿45'51		
	-2654 Jun 26 j 22:06	0°♒		evening set		-2651 Jan 02 j 18:53	0°☿38'30		
morning set	-2654 Jul 02 j 20:44	7°♒20'23				-2651 Jan 03 j 20:42	30°♒♎		
	-2654 Jul 21 j 02:51	0°☿		min. Earth dist.		-2651 Jan 06 j 15:57	28°♒15'26	0.27687 AU	
max. Earth dist.	-2654 Aug 04 j 21:20	18°☿26'40	1.71850 AU	inferior conj		-2651 Jan 07 j 17:45	27°♒34'31	6°50'28	
				minimum elong		-2651 Jan 07 j 08:34	27°♒49'05	6°48'44	
superior conj	-2654 Aug 08 j 18:25	23°☿17'56	1°22'00	morning rise		-2651 Jan 11 j 22:50	24°♒58'01		
minimum elong	-2654 Aug 08 j 14:15	23°☿04'55	1°22'02	direct		-2651 Jan 28 j 11:23	19°♒37'59		
	-2654 Aug 14 j 02:46	0°♌		greatest brilliancy		-2651 Feb 08 j 00:39	21°♒40'55	-4.6m	
	-2654 Sep 07 j 00:09	0°♍				-2651 Feb 22 j 23:30	0°☿		
evening rise	-2654 Sep 16 j 08:18	11°♍44'07		morning max el		-2651 Mar 18 j 11:19	20°☿01'23	45°59'44	
	-2654 Sep 30 j 21:21	0°♎		desc. node		-2651 Mar 28 j 13:57	0°≈02'24		
desc. node	-2654 Oct 11 j 18:53	13°♎39'45				-2651 Mar 28 j 13:00	0°≈		
	-2654 Oct 24 j 20:06	0°♍				-2651 Apr 25 j 13:45	0°♋		
	-2654 Nov 17 j 21:38	0°♎				-2651 May 21 j 23:05	0°♐		
	-2654 Dec 12 j 03:46	0°☿				-2651 Jun 16 j 11:22	0°♑		
	-2653 Jan 05 j 18:18	0°≈				-2651 Jul 11 j 08:43	0°♒		
	-2653 Jan 31 j 00:47	0°♋		asc. node		-2651 Jul 19 j 13:54	10°♒02'39		
asc. node	-2653 Feb 01 j 17:53	1°♋59'24				-2651 Aug 04 j 18:18	0°☿		
	-2653 Feb 26 j 14:36	0°♐		greatest brilliancy		-2651 Aug 27 j 19:08	28°☿44'23	-3.9m	
evening max el	-2653 Mar 21 j 22:44	24°♐00'00	45°13'46			-2651 Aug 28 j 19:15	0°♌		
	-2653 Mar 28 j 09:25	0°♑		morning set		-2651 Sep 11 j 17:28	17°♌30'28		
greatest brilliancy	-2653 Apr 25 j 08:04	19°♑58'06	-4.5m			-2651 Sep 21 j 15:16	0°♍		
retrograde	-2653 May 09 j 04:08	23°♑16'44				-2651 Oct 15 j 09:50	0°♎		
evening set	-2653 May 24 j 02:23	19°♑02'41							
desc. node	-2653 May 24 j 11:17	18°♑50'39		superior conj		-2651 Oct 21 j 20:55	8°♑09'00	0°39'27	
inferior conj	-2653 May 30 j 13:55	15°♑12'45	-1°-25'-8	minimum elong		-2651 Oct 22 j 06:21	8°♑38'44	0°39'02	
minimum elong	-2653 May 30 j 10:48	15°♑17'34	1°24'12	max. Earth dist.		-2651 Oct 23 j 22:01	10°♑43'44	1.70925 AU	
min. Earth dist.	-2653 May 31 j 00:15	14°♑56'42	0.28758 AU	desc. node		-2651 Nov 08 j 07:02	0°♍05'11		
morning rise	-2653 Jun 05 j 18:43	11°♑30'36				-2651 Nov 08 j 05:23	0°♍		
direct	-2653 Jun 21 j 07:25	6°♑56'41				-2651 Dec 02 j 03:11	0°♎		
greatest brilliancy	-2653 Jul 05 j 18:32	10°♑35'15	-4.5m	evening rise		-2651 Dec 03 j 05:54	1°♎23'34		
	-2653 Aug 01 j 12:42	0°♒				-2651 Dec 26 j 03:59	0°☿		
morning max el	-2653 Aug 09 j 20:28	7°♒53'30	46°18'40			-2650 Jan 19 j 09:01	0°≈		
	-2653 Aug 30 j 22:49	0°☿				-2650 Feb 12 j 20:31	0°♋		
asc. node	-2653 Sep 14 j 11:24	16°☿25'00		asc. node		-2650 Mar 01 j 05:59	19°♋49'46		
	-2653 Sep 26 j 02:02	0°♌				-2650 Mar 09 j 17:53	0°♐		
	-2653 Oct 20 j 22:34	0°♍				-2650 Apr 04 j 06:12	0°♑		
	-2653 Nov 14 j 05:58	0°♎				-2650 Apr 30 j 19:11	0°♒		
	-2653 Dec 08 j 09:20	0°♍				-2650 May 29 j 12:46	0°☿		
	-2652 Jan 01 j 13:03	0°♎		evening max el		-2650 Jun 01 j 03:03	2°☿30'06	45°34'53	
desc. node	-2652 Jan 04 j 04:51	3°♎17'49		desc. node		-2650 Jun 20 j 23:02	19°☿41'02		

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 51

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2650 Jul 08 j 07:45	0°♈				-2648 Nov 22 j 17:23	0°♍	
greatest brilliancy	-2650 Jul 09 j 00:43	0°♈16'27	-4.5m	morning set		-2648 Nov 26 j 22:55	5°♍18'44	
retrograde	-2650 Jul 20 j 03:12	2°♈28'56		desc. node		-2648 Dec 05 j 18:59	16°♍23'50	
	-2650 Jul 31 j 09:47	30°♈☾				-2648 Dec 16 j 15:40	0°♈	
evening set	-2650 Aug 06 j 17:46	26°♈44'30						
inferior conj	-2650 Aug 10 j 03:43	24°♈42'06	-8°-40'-55	superior conj		-2647 Jan 07 j 21:59	27°♈47'05	-1°-7'-8
minimum elong	-2650 Aug 09 j 23:26	24°♈48'35	8°40'37	minimum elong		-2647 Jan 07 j 11:07	27°♈13'17	1°06'54
min. Earth dist.	-2650 Aug 10 j 14:47	24°♈25'18	0.27626 AU			-2647 Jan 09 j 16:40	0°♈	
morning rise	-2650 Aug 13 j 04:53	22°♈51'57		max. Earth dist.		-2647 Jan 12 j 03:00	3°♈01'30	1.72106 AU
direct	-2650 Aug 31 j 04:10	16°♈46'56				-2647 Feb 02 j 20:36	0°♈	
greatest brilliancy	-2650 Sep 14 j 05:55	20°♈21'42	-4.6m	evening rise		-2647 Feb 16 j 15:05	17°♈01'26	
	-2650 Sep 29 j 03:04	0°♈				-2647 Feb 27 j 03:52	0°♈	
asc. node	-2650 Oct 11 j 22:59	11°♈13'38				-2647 Mar 23 j 15:16	0°♈	
morning max el	-2650 Oct 20 j 21:40	20°♈03'10	46°51'57	asc. node		-2647 Mar 28 j 18:10	6°♈14'39	
	-2650 Oct 30 j 08:30	0°♈				-2647 Apr 17 j 07:46	0°♈	
	-2650 Nov 25 j 21:37	0°♈				-2647 May 12 j 06:38	0°♈	
	-2650 Dec 21 j 04:31	0°♈				-2647 Jun 06 j 14:22	0°♈	
	-2649 Jan 15 j 01:23	0°♈				-2647 Jul 02 j 12:50	0°♈	
desc. node	-2649 Jan 31 j 16:38	20°♈09'56		desc. node		-2647 Jul 18 j 10:46	17°♈49'07	
	-2649 Feb 08 j 19:06	0°♈				-2647 Jul 29 j 17:07	0°♈	
	-2649 Mar 05 j 11:35	0°♈		evening max el		-2647 Aug 13 j 19:43	15°♈30'41	46°57'50
	-2649 Mar 30 j 02:59	0°♈				-2647 Aug 29 j 12:58	0°♈	
	-2649 Apr 23 j 16:47	0°♈		greatest brilliancy		-2647 Sep 22 j 04:53	15°♈24'22	-4.7m
morning set	-2649 Apr 24 j 13:06	1°♈02'07		retrograde		-2647 Oct 03 j 01:19	17°♈35'21	
	-2649 May 18 j 04:16	0°♈		evening set		-2647 Oct 18 j 05:04	13°♈03'40	
asc. node	-2649 May 24 j 16:15	7°♈59'25		inferior conj		-2647 Oct 23 j 13:24	9°♈54'13	-3°-58'-32
max. Earth dist.	-2649 May 27 j 12:18	11°♈28'45	1.73446 AU	minimum elong		-2647 Oct 23 j 21:43	9°♈41'34	3°56'08
				min. Earth dist.		-2647 Oct 23 j 15:06	9°♈51'38	0.26359 AU
superior conj	-2649 May 30 j 12:52	15°♈12'12	0°13'46	morning rise		-2647 Oct 29 j 14:28	6°♈23'13	
minimum elong	-2649 May 30 j 10:10	15°♈03'52	0°13'42	asc. node		-2647 Nov 08 j 10:39	2°♈44'10	
behind sun begin	-2649 May 29 j 22:59	14°♈29'24		direct		-2647 Nov 12 j 20:48	2°♈19'53	
behind sun end	-2649 May 30 j 21:21	15°♈38'20		greatest brilliancy		-2647 Nov 24 j 20:02	5°♈02'24	-4.7m
	-2649 Jun 11 j 12:49	0°♈				-2647 Dec 27 j 20:53	0°♈	
evening rise	-2649 Jul 05 j 05:12	29°♈18'44		morning max el		-2646 Jan 02 j 05:35	5°♈17'10	46°39'29
	-2649 Jul 05 j 18:31	0°♈				-2646 Jan 25 j 13:20	0°♈	
	-2649 Jul 29 j 22:21	0°♈				-2646 Feb 21 j 02:22	0°♈	
	-2649 Aug 23 j 02:01	0°♈		desc. node		-2646 Feb 28 j 04:31	8°♈11'49	
desc. node	-2649 Sep 13 j 08:51	26°♈22'16				-2646 Mar 18 j 20:21	0°♈	
	-2649 Sep 16 j 07:20	0°♈				-2646 Apr 13 j 04:07	0°♈	
	-2649 Oct 10 j 16:11	0°♈				-2646 May 08 j 04:27	0°♈	
	-2649 Nov 04 j 07:37	0°♈				-2646 Jun 01 j 22:03	0°♈	
	-2649 Nov 29 j 12:50	0°♈		asc. node		-2646 Jun 21 j 04:05	23°♈35'15	
	-2649 Dec 26 j 02:48	0°♈				-2646 Jun 26 j 08:58	0°♈	
asc. node	-2648 Jan 04 j 08:03	9°♈42'32		morning set		-2646 Jun 30 j 14:21	5°♈13'01	
evening max el	-2648 Jan 07 j 15:55	13°♈04'58	46°18'40			-2646 Jul 20 j 13:40	0°♈	
	-2648 Jan 26 j 02:03	0°♈		max. Earth dist.		-2646 Aug 02 j 09:33	16°♈00'55	1.71907 AU
greatest brilliancy	-2648 Feb 11 j 13:08	11°♈03'11	-4.5m					
retrograde	-2648 Feb 26 j 12:00	15°♈02'20		superior conj		-2646 Aug 06 j 10:38	21°♈04'36	1°21'10
evening set	-2648 Mar 14 j 17:04	9°♈17'30		minimum elong		-2646 Aug 06 j 05:51	20°♈49'37	1°21'11
inferior conj	-2648 Mar 18 j 21:28	6°♈40'51	7°07'28			-2646 Aug 13 j 13:36	0°♈	
minimum elong	-2648 Mar 19 j 05:36	6°♈27'57	7°06'15			-2646 Sep 06 j 11:05	0°♈	
min. Earth dist.	-2648 Mar 19 j 01:54	6°♈33'49	0.29196 AU	evening rise		-2646 Sep 13 j 20:33	9°♈17'17	
morning rise	-2648 Mar 23 j 18:16	3°♈39'59				-2646 Sep 30 j 08:27	0°♈	
	-2648 Mar 31 j 06:02	30°♈		desc. node		-2646 Oct 10 j 21:05	13°♈11'38	
direct	-2648 Apr 09 j 11:54	28°♈17'21				-2646 Oct 24 j 07:25	0°♈	
	-2648 Apr 19 j 04:45	0°♈				-2646 Nov 17 j 09:11	0°♈	
greatest brilliancy	-2648 Apr 22 j 07:49	1°♈11'40	-4.5m			-2646 Dec 11 j 15:39	0°♈	
desc. node	-2648 Apr 25 j 01:37	2°♈27'24				-2645 Jan 05 j 06:46	0°♈	
morning max el	-2648 May 28 j 09:08	28°♈07'18	45°48'45	asc. node		-2645 Jan 30 j 14:26	0°♈	
	-2648 May 30 j 08:05	0°♈				-2645 Jan 31 j 19:59	1°♈25'39	
	-2648 Jun 28 j 02:20	0°♈				-2645 Feb 26 j 07:02	0°♈	
	-2648 Jul 24 j 10:47	0°♈		evening max el		-2645 Mar 19 j 13:26	21°♈46'55	45°14'40
asc. node	-2648 Aug 16 j 01:46	26°♈56'20				-2645 Mar 28 j 11:33	0°♈	
	-2648 Aug 18 j 14:24	0°♈		greatest brilliancy		-2645 Apr 22 j 22:39	17°♈47'33	-4.5m
	-2648 Sep 12 j 00:36	0°♈		retrograde		-2645 May 06 j 19:28	21°♈07'52	
	-2648 Oct 06 j 00:55	0°♈		evening set		-2645 May 21 j 18:31	16°♈53'08	
	-2648 Oct 29 j 21:10	0°♈		desc. node		-2645 May 23 j 13:20	15°♈53'39	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 52

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2645 May 28 j 05:57	13°♄03'21	-1°-5'-28	minimum elong	-2643 Oct 19 j 16:45	6°♁05'35	0°42'29
minimum elong	-2645 May 28 j 03:33	13°♄07'05	1°04'44	max. Earth dist.	-2643 Oct 21 j 02:51	7°♁53'07	1.70918 AU
min. Earth dist.	-2645 May 28 j 16:59	12°♄46'13	0.28787 AU	desc. node	-2643 Nov 07 j 09:05	29°♁37'06	
morning rise	-2645 Jun 03 j 12:00	9°♄19'03			-2643 Nov 07 j 16:22	0°♄	
direct	-2645 Jun 18 j 23:08	4°♄46'36		evening rise	-2643 Nov 30 j 15:29	28°♄49'00	
greatest brilliancy	-2645 Jul 03 j 10:37	8°♄24'37	-4.5m		-2643 Dec 01 j 14:10	0°♄	
	-2645 Aug 01 j 14:06	0°♄			-2643 Dec 25 j 15:01	0°♄	
morning max el	-2645 Aug 07 j 10:45	5°♄36'33	46°17'25		-2642 Jan 18 j 20:10	0°♄	
	-2645 Aug 30 j 15:23	0°♄			-2642 Feb 12 j 07:58	0°♄	
asc. node	-2645 Sep 13 j 13:33	15°♄48'24		asc. node	-2642 Feb 28 j 08:09	19°♄20'57	
	-2645 Sep 25 j 15:53	0°♄			-2642 Mar 09 j 05:55	0°♄	
	-2645 Oct 20 j 11:11	0°♄			-2642 Apr 03 j 19:24	0°♄	
	-2645 Nov 13 j 17:57	0°♄			-2642 Apr 30 j 10:53	0°♄	
	-2645 Dec 07 j 20:56	0°♄			-2642 May 29 j 11:22	0°♄	
	-2644 Jan 01 j 00:21	0°♄		evening max el	-2642 May 29 j 17:37	0°♄14'55	45°32'50
desc. node	-2644 Jan 03 j 06:51	2°♄49'01		desc. node	-2642 Jun 20 j 01:05	18°♄30'16	
	-2644 Jan 25 j 05:38	0°♄		greatest brilliancy	-2642 Jul 06 j 10:19	27°♄53'19	-4.5m
morning set	-2644 Feb 12 j 00:34	21°♄58'24			-2642 Jul 14 j 21:20	0°♄	
	-2644 Feb 18 j 12:47	0°♄		retrograde	-2642 Jul 17 j 16:51	0°♄09'03	
	-2644 Mar 13 j 21:32	0°♄			-2642 Jul 20 j 11:25	30°♄	
				evening set	-2642 Aug 04 j 03:55	24°♄28'43	
superior conj	-2644 Mar 21 j 00:50	8°♄46'28	-1°-10'-4	inferior conj	-2642 Aug 07 j 17:09	22°♄21'25	-8°-35'-27
minimum elong	-2644 Mar 21 j 09:18	9°♄12'29	1°09'52	minimum elong	-2642 Aug 07 j 12:04	22°♄29'08	8°35'02
max. Earth dist.	-2644 Mar 22 j 02:34	10°♄05'31	1.73508 AU	min. Earth dist.	-2642 Aug 08 j 03:24	22°♄05'52	0.27677 AU
	-2644 Apr 07 j 07:33	0°♄		morning rise	-2642 Aug 10 j 20:02	20°♄28'50	
asc. node	-2644 Apr 25 j 06:16	22°♄00'59		direct	-2642 Aug 28 j 18:56	14°♄25'28	
evening rise	-2644 Apr 26 j 16:42	23°♄46'34		greatest brilliancy	-2642 Sep 11 j 21:18	18°♄01'30	-4.6m
greatest brilliancy	-2644 Apr 28 j 20:54	26°♄26'34	-3.9m		-2642 Sep 29 j 15:38	0°♄	
	-2644 May 01 j 18:32	0°♄		asc. node	-2642 Oct 11 j 01:08	10°♄16'17	
	-2644 May 26 j 06:12	0°♄		morning max el	-2642 Oct 18 j 12:32	17°♄41'26	46°51'26
	-2644 Jun 19 j 18:50	0°♄			-2642 Oct 30 j 03:44	0°♄	
	-2644 Jul 14 j 09:41	0°♄			-2642 Nov 25 j 12:48	0°♄	
	-2644 Aug 08 j 05:12	0°♄			-2642 Dec 20 j 17:54	0°♄	
desc. node	-2644 Aug 14 j 22:50	8°♄04'47			-2641 Jan 14 j 13:45	0°♄	
	-2644 Sep 02 j 09:20	0°♄		desc. node	-2641 Jan 30 j 18:48	19°♄40'22	
	-2644 Sep 28 j 06:28	0°♄			-2641 Feb 08 j 06:47	0°♄	
evening max el	-2644 Oct 25 j 06:13	29°♄19'19	47°29'16		-2641 Mar 04 j 22:49	0°♄	
	-2644 Oct 25 j 22:10	0°♄			-2641 Mar 29 j 13:54	0°♄	
	-2644 Dec 01 j 21:47	0°♄		morning set	-2641 Apr 22 j 07:46	28°♄59'34	
greatest brilliancy	-2644 Dec 02 j 00:15	0°♄02'56	-4.7m		-2641 Apr 23 j 03:32	0°♄	
asc. node	-2644 Dec 05 j 22:19	1°♄40'39			-2641 May 17 j 14:56	0°♄	
retrograde	-2644 Dec 15 j 09:47	3°♄25'35		asc. node	-2641 May 23 j 18:14	7°♄32'40	
	-2644 Dec 28 j 07:46	30°♄		max. Earth dist.	-2641 May 25 j 10:55	9°♄37'47	1.73479 AU
evening set	-2644 Dec 31 j 06:39	28°♄23'03					
min. Earth dist.	-2643 Jan 04 j 06:40	25°♄56'06	0.27615 AU	superior conj	-2641 May 28 j 07:40	13°♄09'19	0°10'44
inferior conj	-2643 Jan 05 j 08:31	25°♄15'13	6°37'42	minimum elong	-2641 May 28 j 05:32	13°♄02'48	0°10'40
minimum elong	-2643 Jan 04 j 23:08	25°♄30'04	6°35'49	behind sun begin	-2641 May 27 j 13:01	12°♄11'56	
morning rise	-2643 Jan 09 j 16:10	22°♄35'09		behind sun end	-2641 May 28 j 22:04	13°♄53'39	
direct	-2643 Jan 26 j 00:47	17°♄19'39			-2641 Jun 10 j 23:32	0°♄	
greatest brilliancy	-2643 Feb 05 j 15:29	19°♄23'50	-4.6m	evening rise	-2641 Jul 02 j 23:32	27°♄13'09	
	-2643 Feb 23 j 16:32	0°♄			-2641 Jul 05 j 05:22	0°♄	
morning max el	-2643 Mar 16 j 01:36	17°♄45'31	46°00'46		-2641 Jul 29 j 09:27	0°♄	
desc. node	-2643 Mar 27 j 16:09	29°♄18'49			-2641 Aug 22 j 13:25	0°♄	
	-2643 Mar 28 j 08:12	0°♄		desc. node	-2641 Sep 12 j 11:01	25°♄52'39	
	-2643 Apr 25 j 04:28	0°♄			-2641 Sep 15 j 19:09	0°♄	
	-2643 May 21 j 11:55	0°♄			-2641 Oct 10 j 04:32	0°♄	
	-2643 Jun 15 j 23:14	0°♄			-2641 Nov 03 j 20:48	0°♄	
	-2643 Jul 10 j 20:03	0°♄			-2641 Nov 29 j 03:29	0°♄	
asc. node	-2643 Jul 18 j 16:00	9°♄34'36			-2641 Dec 25 j 20:58	0°♄	
	-2643 Aug 04 j 05:21	0°♄		asc. node	-2640 Jan 03 j 10:15	8°♄56'02	
	-2643 Aug 28 j 06:13	0°♄		evening max el	-2640 Jan 05 j 08:22	10°♄52'34	46°21'45
greatest brilliancy	-2643 Aug 28 j 11:57	0°♄17'59	-3.9m		-2640 Jan 26 j 12:15	0°♄	
morning set	-2643 Sep 09 j 06:33	15°♄06'01		greatest brilliancy	-2640 Feb 09 j 07:17	8°♄56'16	-4.5m
	-2643 Sep 21 j 02:14	0°♄		retrograde	-2640 Feb 24 j 05:28	12°♄54'14	
	-2643 Oct 14 j 20:49	0°♄		evening set	-2640 Mar 12 j 12:20	7°♄05'56	
				inferior conj	-2640 Mar 16 j 14:24	4°♄32'26	7°17'14
superior conj	-2643 Oct 19 j 06:46	5°♄34'06	0°42'54	minimum elong	-2640 Mar 16 j 22:12	4°♄20'02	7°16'08

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

min. Earth dist.	-2640 Mar 16 j 17:25	4° K 27'38	0.29179 AU		-2638 Aug 13 j 00:38	0° Ω	
morning rise	-2640 Mar 21 j 08:15	1° K 35'50			-2638 Sep 05 j 22:16	0° M	
	-2640 Mar 24 j 04:52	30° R \approx		evening rise	-2638 Sep 11 j 08:42	6° M 49'27	
direct	-2640 Apr 07 j 05:00	26° \approx 09'31			-2638 Sep 29 j 19:49	0° $\underline{\Omega}$	
greatest brilliancy	-2640 Apr 19 j 20:48	29° \approx 00'02	-4.5m	desc. node	-2638 Oct 09 j 23:05	12° $\underline{\Omega}$ 42'08	
	-2640 Apr 22 j 02:00	0° K			-2638 Oct 23 j 18:57	0° M	
desc. node	-2640 Apr 24 j 03:39	1° K 02'31			-2638 Nov 16 j 20:57	0° J	
morning max el	-2640 May 26 j 01:41	25° K 59'33	45°48'11		-2638 Dec 11 j 03:44	0° $\underline{\Omega}$	
	-2640 May 30 j 05:06	0° Y			-2637 Jan 04 j 19:27	0° \approx	
	-2640 Jun 27 j 17:35	0° B			-2637 Jan 30 j 04:21	0° K	
	-2640 Jul 23 j 23:58	0° II		asc. node	-2637 Jan 30 j 22:09	0° K 51'28	
asc. node	-2640 Aug 15 j 03:57	26° II 25'44			-2637 Feb 25 j 23:56	0° Y	
	-2640 Aug 18 j 02:37	0° $\underline{\Omega}$		evening max el	-2637 Mar 17 j 04:05	19° Y 33'26	45°15'46
	-2640 Sep 11 j 12:19	0° Ω			-2637 Mar 28 j 15:22	0° B	
	-2640 Oct 05 j 12:22	0° M		greatest brilliancy	-2637 Apr 20 j 12:25	15° B 36'07	-4.5m
	-2640 Oct 29 j 08:27	0° $\underline{\Omega}$		retrograde	-2637 May 04 j 11:25	18° B 59'40	
	-2640 Nov 22 j 04:34	0° M		evening set	-2637 May 19 j 11:03	14° B 43'44	
morning set	-2640 Nov 24 j 08:31	2° M 43'09		desc. node	-2637 May 22 j 15:21	12° B 55'14	
desc. node	-2640 Dec 04 j 20:58	15° M 55'05		inferior conj	-2637 May 25 j 22:15	10° B 54'27	0°-45'-50
	-2640 Dec 16 j 02:46	0° J		minimum elong	-2637 May 25 j 20:34	10° B 57'04	0°45'19
				min. Earth dist.	-2637 May 26 j 09:51	10° B 36'27	0.28818 AU
superior conj	-2639 Jan 05 j 09:04	25° J 17'44	-1°-4'-46	morning rise	-2637 Jun 01 j 05:27	7° B 08'24	
minimum elong	-2639 Jan 04 j 21:56	24° J 43'03	1°04'30	direct	-2637 Jun 16 j 15:00	2° B 36'53	
	-2639 Jan 09 j 03:42	0° $\underline{\Omega}$		greatest brilliancy	-2637 Jul 01 j 03:31	6° B 15'24	-4.5m
max. Earth dist.	-2639 Jan 09 j 18:07	0° $\underline{\Omega}$ 44'52	1.72047 AU		-2637 Aug 01 j 14:21	0° II	
	-2639 Feb 02 j 07:33	0° \approx		morning max el	-2637 Aug 05 j 02:01	3° II 21'51	46°16'01
evening rise	-2639 Feb 14 j 05:30	14° \approx 44'01			-2637 Aug 30 j 07:51	0° $\underline{\Omega}$	
	-2639 Feb 26 j 14:48	0° K		asc. node	-2637 Sep 12 j 15:40	15° $\underline{\Omega}$ 11'14	
	-2639 Mar 23 j 02:20	0° Y			-2637 Sep 25 j 05:54	0° Ω	
asc. node	-2639 Mar 27 j 20:18	5° Y 47'18			-2637 Oct 20 j 00:06	0° M	
	-2639 Apr 16 j 19:11	0° B			-2637 Nov 13 j 06:17	0° $\underline{\Omega}$	
	-2639 May 11 j 18:41	0° II			-2637 Dec 07 j 08:51	0° M	
	-2639 Jun 06 j 03:31	0° $\underline{\Omega}$			-2637 Dec 31 j 11:57	0° J	
	-2639 Jul 02 j 03:58	0° Ω		desc. node	-2636 Jan 02 j 09:05	2° J 20'02	
desc. node	-2639 Jul 17 j 12:55	17° Ω 07'57			-2636 Jan 24 j 16:58	0° $\underline{\Omega}$	
	-2639 Jul 29 j 12:34	0° M		morning set	-2636 Feb 09 j 14:17	19° $\underline{\Omega}$ 38'03	
evening max el	-2639 Aug 11 j 08:48	13° M 05'50	46°54'55		-2636 Feb 17 j 23:55	0° \approx	
	-2639 Aug 30 j 00:55	0° $\underline{\Omega}$			-2636 Mar 13 j 08:32	0° K	
greatest brilliancy	-2639 Sep 19 j 19:30	12° $\underline{\Omega}$ 56'46	-4.7m				
retrograde	-2639 Sep 30 j 12:47	15° $\underline{\Omega}$ 04'25		superior conj	-2636 Mar 18 j 17:53	6° K 37'38	-1°-11'-48
evening set	-2639 Oct 15 j 19:49	10° $\underline{\Omega}$ 29'40		minimum elong	-2636 Mar 19 j 02:06	7° K 02'54	1°11'38
inferior conj	-2639 Oct 21 j 01:21	7° $\underline{\Omega}$ 24'05	-4°-20'-32	max. Earth dist.	-2636 Mar 19 j 20:36	7° K 59'44	1.73478 AU
minimum elong	-2639 Oct 21 j 10:15	7° $\underline{\Omega}$ 10'32	4°18'01		-2636 Apr 06 j 18:32	0° Y	
min. Earth dist.	-2639 Oct 21 j 04:32	7° $\underline{\Omega}$ 19'15	0.26369 AU	evening rise	-2636 Apr 24 j 11:34	21° Y 43'32	
morning rise	-2639 Oct 27 j 00:41	3° $\underline{\Omega}$ 55'05		asc. node	-2636 Apr 24 j 08:18	21° Y 33'30	
	-2639 Nov 07 j 11:29	30° R M		greatest brilliancy	-2636 Apr 28 j 22:51	27° Y 12'20	-3.9m
asc. node	-2639 Nov 07 j 12:38	29° M 59'40			-2636 May 01 j 05:34	0° B	
direct	-2639 Nov 10 j 08:42	29° M 49'45			-2636 May 25 j 17:25	0° II	
	-2639 Nov 13 j 06:43	0° $\underline{\Omega}$			-2636 Jun 19 j 06:24	0° $\underline{\Omega}$	
greatest brilliancy	-2639 Nov 22 j 09:56	2° $\underline{\Omega}$ 33'44	-4.7m		-2636 Jul 13 j 21:50	0° Ω	
	-2639 Dec 27 j 22:03	0° M			-2636 Aug 07 j 18:13	0° M	
morning max el	-2639 Dec 30 j 17:42	2° M 48'30	46°40'39	desc. node	-2636 Aug 14 j 00:58	7° M 31'24	
	-2638 Jan 25 j 06:28	0° J			-2636 Sep 01 j 23:44	0° $\underline{\Omega}$	
	-2638 Feb 20 j 16:37	0° $\underline{\Omega}$			-2636 Sep 27 j 23:23	0° M	
desc. node	-2638 Feb 27 j 06:37	7° $\underline{\Omega}$ 37'57		evening max el	-2636 Oct 22 j 20:41	26° M 55'39	47°30'06
	-2638 Mar 18 j 09:07	0° \approx			-2636 Oct 25 j 21:35	0° J	
	-2638 Apr 12 j 15:59	0° K		greatest brilliancy	-2636 Nov 29 j 16:25	27° J 41'07	-4.7m
	-2638 May 07 j 15:47	0° Y		asc. node	-2636 Dec 05 j 00:32	29° J 46'43	
	-2638 Jun 01 j 09:06	0° B			-2636 Dec 05 j 18:37	0° $\underline{\Omega}$	
asc. node	-2638 Jun 20 j 06:15	23° B 08'14		retrograde	-2636 Dec 13 j 00:53	1° $\underline{\Omega}$ 02'55	
	-2638 Jun 25 j 19:54	0° II			-2636 Dec 20 j 02:07	30° R J	
morning set	-2638 Jun 28 j 08:07	3° II 05'52		evening set	-2636 Dec 28 j 18:10	26° J 04'58	
	-2638 Jul 20 j 00:36	0° $\underline{\Omega}$		min. Earth dist.	-2635 Jan 01 j 20:54	23° J 34'33	0.27539 AU
max. Earth dist.	-2638 Jul 30 j 23:37	13° $\underline{\Omega}$ 40'35	1.71974 AU	inferior conj	-2635 Jan 02 j 22:59	22° J 53'27	6°23'56
				minimum elong	-2635 Jan 02 j 13:27	23° J 08'28	6°21'56
superior conj	-2638 Aug 04 j 02:51	18° $\underline{\Omega}$ 50'48	1°20'13	morning rise	-2635 Jan 07 j 09:20	20° J 09'54	
minimum elong	-2638 Aug 03 j 21:28	18° $\underline{\Omega}$ 33'57	1°20'13	direct	-2635 Jan 23 j 14:11	14° J 58'55	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2635 Feb 03 j 05:27	17° ♁ 03'59	-4.6m			-2633 Jul 28 j 20:50	0° Ω	
	-2635 Feb 24 j 05:56	0° ♁				-2633 Aug 22 j 01:06	0° ♁	
morning max el	-2635 Mar 13 j 16:36	15° ♁ 30'13	46°01'59	desc. node		-2633 Sep 11 j 13:02	25° ♁ 21'51	
desc. node	-2635 Mar 26 j 18:14	28° ♁ 34'28				-2633 Sep 15 j 07:12	0° ♁	
	-2635 Mar 28 j 03:16	0° \approx				-2633 Oct 09 j 17:09	0° ♁	
	-2635 Apr 24 j 19:19	0° ♁				-2633 Nov 03 j 10:16	0° ♁	
	-2635 May 21 j 00:58	0° ♁				-2633 Nov 28 j 18:33	0° ♁	
	-2635 Jun 15 j 11:21	0° ♁				-2633 Dec 25 j 15:56	0° \approx	
	-2635 Jul 10 j 07:39	0° ♁		asc. node		-2632 Jan 02 j 12:24	8° \approx 07'35	
asc. node	-2635 Jul 17 j 18:13	9° ♁ 06'10		evening max el		-2632 Jan 03 j 00:24	8° \approx 37'47	46°24'33
	-2635 Aug 03 j 16:41	0° ♁				-2632 Jan 27 j 02:48	0° ♁	
	-2635 Aug 27 j 17:26	0° Ω		greatest brilliancy		-2632 Feb 07 j 01:59	6° ♁ 48'21	-4.5m
greatest brilliancy	-2635 Aug 29 j 02:18	1° Ω 43'07	-3.9m	retrograde		-2632 Feb 21 j 22:23	10° ♁ 44'13	
morning set	-2635 Sep 06 j 20:15	12° Ω 42'48		evening set		-2632 Mar 10 j 07:25	4° ♁ 52'49	
	-2635 Sep 20 j 13:28	0° ♁		inferior conj		-2632 Mar 14 j 07:12	2° ♁ 22'24	7°26'26
	-2635 Oct 14 j 08:07	0° ♁		minimum elong		-2632 Mar 14 j 14:37	2° ♁ 10'34	7°25'27
				min. Earth dist.		-2632 Mar 14 j 09:09	2° ♁ 19'17	0.29159 AU
superior conj	-2635 Oct 16 j 16:52	2° ♁ 58'57	0°46'15			-2632 Mar 18 j 02:00	30° ♁	
minimum elong	-2635 Oct 17 j 03:17	3° ♁ 31'48	0°45'49	morning rise		-2632 Mar 18 j 22:02	29° \approx 29'56	
max. Earth dist.	-2635 Oct 18 j 10:50	5° ♁ 11'17	1.70919 AU	direct		-2632 Apr 04 j 21:36	24° \approx 00'09	
desc. node	-2635 Nov 06 j 11:09	29° ♁ 07'52		greatest brilliancy		-2632 Apr 17 j 09:35	26° \approx 46'39	-4.5m
	-2635 Nov 07 j 03:44	0° ♁		desc. node		-2632 Apr 23 j 05:43	29° \approx 38'58	
evening rise	-2635 Nov 28 j 00:45	26° ♁ 12'03				-2632 Apr 23 j 20:33	0° ♁	
	-2635 Dec 01 j 01:35	0° ♁		morning max el		-2632 May 23 j 17:15	23° ♁ 48'27	45°47'49
	-2635 Dec 25 j 02:30	0° ♁				-2632 May 30 j 01:47	0° ♁	
	-2634 Jan 18 j 07:47	0° \approx				-2632 Jun 27 j 08:52	0° ♁	
	-2634 Feb 11 j 19:51	0° ♁				-2632 Jul 23 j 13:15	0° ♁	
asc. node	-2634 Feb 27 j 10:15	18° ♁ 50'38		asc. node		-2632 Aug 14 j 05:58	25° ♁ 54'12	
	-2634 Mar 08 j 18:24	0° ♁				-2632 Aug 17 j 14:58	0° ♁	
	-2634 Apr 03 j 09:05	0° ♁				-2632 Sep 11 j 00:11	0° Ω	
	-2634 Apr 30 j 03:12	0° ♁				-2632 Oct 04 j 23:57	0° ♁	
evening max el	-2634 May 27 j 09:07	28° ♁ 01'18	45°30'52			-2632 Oct 28 j 19:52	0° ♁	
	-2634 May 29 j 11:19	0° ♁		morning set		-2632 Nov 21 j 18:31	0° ♁ 08'18	
desc. node	-2634 Jun 19 j 03:20	17° ♁ 17'12				-2632 Nov 21 j 15:53	0° ♁	
greatest brilliancy	-2634 Jul 03 j 21:03	25° ♁ 31'26	-4.5m	desc. node		-2632 Dec 03 j 23:12	15° ♁ 26'47	
retrograde	-2634 Jul 15 j 06:40	27° ♁ 49'23				-2632 Dec 15 j 14:00	0° ♁	
evening set	-2634 Aug 01 j 14:16	22° ♁ 13'46						
inferior conj	-2634 Aug 05 j 06:56	20° ♁ 01'11	-8°-29'-11	superior conj		-2631 Jan 02 j 20:16	22° ♁ 48'21	-1°-2'-16
minimum elong	-2634 Aug 05 j 01:07	20° ♁ 10'02	8°28'37	minimum elong		-2631 Jan 02 j 08:58	22° ♁ 13'08	1°02'00
min. Earth dist.	-2634 Aug 05 j 16:25	19° ♁ 46'47	0.27722 AU	max. Earth dist.		-2631 Jan 07 j 09:04	28° ♁ 27'15	1.71990 AU
morning rise	-2634 Aug 08 j 11:48	18° ♁ 05'36				-2631 Jan 08 j 14:51	0° ♁	
direct	-2634 Aug 26 j 10:01	12° ♁ 04'42				-2631 Feb 01 j 18:39	0° \approx	
greatest brilliancy	-2634 Sep 09 j 11:36	15° ♁ 40'01	-4.6m	evening rise		-2631 Feb 11 j 19:44	12° \approx 25'27	
	-2634 Sep 30 j 01:07	0° Ω				-2631 Feb 26 j 01:57	0° ♁	
asc. node	-2634 Oct 10 j 03:11	9° Ω 19'26				-2631 Mar 22 j 13:38	0° ♁	
morning max el	-2634 Oct 16 j 03:05	15° Ω 18'34	46°50'45	asc. node		-2631 Mar 26 j 22:18	5° ♁ 18'54	
	-2634 Oct 29 j 22:40	0° ♁				-2631 Apr 16 j 06:49	0° ♁	
	-2634 Nov 25 j 04:04	0° ♁				-2631 May 11 j 06:57	0° ♁	
	-2634 Dec 20 j 07:32	0° ♁				-2631 Jun 05 j 16:54	0° ♁	
	-2633 Jan 14 j 02:26	0° ♁				-2631 Jul 01 j 19:25	0° Ω	
desc. node	-2633 Jan 29 j 20:55	19° ♁ 09'25		desc. node		-2631 Jul 16 j 15:02	16° Ω 25'57	
	-2633 Feb 07 j 18:52	0° ♁				-2631 Jul 29 j 08:40	0° ♁	
	-2633 Mar 04 j 10:27	0° \approx		evening max el		-2631 Aug 08 j 20:59	10° ♁ 38'45	46°52'01
	-2633 Mar 29 j 01:12	0° ♁				-2631 Aug 30 j 16:46	0° ♁	
morning set	-2633 Apr 20 j 02:18	26° ♁ 55'36		greatest brilliancy		-2631 Sep 17 j 10:24	10° ♁ 29'33	-4.7m
	-2633 Apr 22 j 14:36	0° ♁		retrograde		-2631 Sep 28 j 00:06	12° ♁ 33'57	
	-2633 May 17 j 01:54	0° ♁		evening set		-2631 Oct 13 j 10:47	7° ♁ 55'35	
asc. node	-2633 May 22 j 20:25	7° ♁ 05'36		inferior conj		-2631 Oct 18 j 13:26	4° ♁ 54'18	-4°-41'-52
max. Earth dist.	-2633 May 23 j 08:53	7° ♁ 43'56	1.73508 AU	minimum elong		-2631 Oct 18 j 22:51	4° ♁ 39'59	4°39'16
				min. Earth dist.		-2631 Oct 18 j 18:20	4° ♁ 46'51	0.26383 AU
superior conj	-2633 May 26 j 02:30	11° ♁ 05'47	0°07'41	morning rise		-2631 Oct 24 j 10:47	1° ♁ 27'41	
minimum elong	-2633 May 26 j 00:59	11° ♁ 01'05	0°07'40			-2631 Oct 27 j 09:26	30° ♁	
behind sun begin	-2633 May 25 j 05:25	10° ♁ 00'54		asc. node		-2631 Nov 06 j 14:51	27° ♁ 21'26	
behind sun end	-2633 May 26 j 20:32	12° ♁ 01'17		direct		-2631 Nov 07 j 20:24	27° ♁ 19'34	
	-2633 Jun 10 j 10:32	0° ♁				-2631 Nov 19 j 18:55	0° ♁	
evening rise	-2633 Jun 30 j 18:09	25° ♁ 07'34		greatest brilliancy		-2631 Nov 20 j 00:53	0° ♁ 06'24	-4.7m
	-2633 Jul 04 j 16:32	0° ♁				-2631 Dec 27 j 22:00	0° ♁	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning max el	-2631 Dec 28 j 05:59	0° \mathbb{M} 20'02	46°41'56	desc. node	-2628 Aug 13 j 02:58	6° \mathbb{M} 58'00	
	-2630 Jan 24 j 23:15	0° \mathbb{X}			-2628 Sep 01 j 14:03	0° \mathbb{L}	
	-2630 Feb 20 j 06:42	0° \mathbb{Z}			-2628 Sep 27 j 16:20	0° \mathbb{M}	
desc. node	-2630 Feb 26 j 08:41	7° \mathbb{Z} 04'09		evening max el	-2628 Oct 20 j 11:57	24° \mathbb{M} 34'50	47°30'51
	-2630 Mar 17 j 21:49	0° \approx			-2628 Oct 25 j 21:43	0° \mathbb{X}	
	-2630 Apr 12 j 03:53	0° \mathbb{H}		greatest brilliancy	-2628 Nov 27 j 08:10	25° \mathbb{X} 19'19	-4.7m
	-2630 May 07 j 03:12	0° \mathbb{Y}		asc. node	-2628 Dec 04 j 02:43	27° \mathbb{X} 48'40	
	-2630 May 31 j 20:13	0° \mathbb{B}		retrograde	-2628 Dec 10 j 16:15	28° \mathbb{X} 40'23	
asc. node	-2630 Jun 19 j 08:26	22° \mathbb{B} 41'08		evening set	-2628 Dec 26 j 05:38	23° \mathbb{X} 46'56	
	-2630 Jun 25 j 06:52	0° \mathbb{I}		min. Earth dist.	-2628 Dec 30 j 10:49	21° \mathbb{X} 13'16	0.27464 AU
morning set	-2630 Jun 26 j 01:49	0° \mathbb{I} 58'28		inferior conj	-2628 Dec 31 j 13:15	20° \mathbb{X} 31'42	6°09'20
	-2630 Jul 19 j 11:32	0° \mathbb{S}		minimum elong	-2628 Dec 31 j 03:40	20° \mathbb{X} 46'47	6°07'14
max. Earth dist.	-2630 Jul 28 j 16:09	11° \mathbb{S} 28'03	1.72036 AU	morning rise	-2627 Jan 05 j 02:21	17° \mathbb{X} 44'41	
				direct	-2627 Jan 21 j 03:57	12° \mathbb{X} 38'19	
superior conj	-2630 Aug 01 j 19:06	16° \mathbb{S} 37'13	1°19'08	greatest brilliancy	-2627 Jan 31 j 18:32	14° \mathbb{X} 43'26	-4.6m
minimum elong	-2630 Aug 01 j 13:08	16° \mathbb{S} 18'35	1°19'06		-2627 Feb 24 j 15:39	0° \mathbb{Z}	
	-2630 Aug 12 j 11:38	0° \mathbb{Q}		morning max el	-2627 Mar 11 j 08:08	13° \mathbb{Z} 16'49	46°03'14
	-2630 Sep 05 j 09:25	0° \mathbb{M}		desc. node	-2627 Mar 25 j 20:17	27° \mathbb{Z} 51'20	
evening rise	-2630 Sep 08 j 21:10	4° \mathbb{M} 22'53			-2627 Mar 27 j 21:33	0° \approx	
	-2630 Sep 29 j 07:09	0° \mathbb{L}			-2627 Apr 24 j 09:41	0° \mathbb{H}	
desc. node	-2630 Oct 09 j 01:10	12° \mathbb{L} 12'56			-2627 May 20 j 13:38	0° \mathbb{Y}	
	-2630 Oct 23 j 06:30	0° \mathbb{M}			-2627 Jun 14 j 23:08	0° \mathbb{B}	
	-2630 Nov 16 j 08:43	0° \mathbb{X}			-2627 Jul 09 j 18:57	0° \mathbb{I}	
	-2630 Dec 10 j 15:49	0° \mathbb{Z}		asc. node	-2627 Jul 16 j 20:14	8° \mathbb{I} 37'51	
	-2629 Jan 04 j 08:08	0° \approx			-2627 Aug 03 j 03:46	0° \mathbb{S}	
	-2629 Jan 29 j 18:19	0° \mathbb{H}			-2627 Aug 27 j 04:27	0° \mathbb{Q}	
asc. node	-2629 Jan 30 j 00:14	0° \mathbb{H} 17'02		greatest brilliancy	-2627 Aug 29 j 17:50	3° \mathbb{Q} 12'38	-3.9m
	-2629 Feb 25 j 17:06	0° \mathbb{Y}		morning set	-2627 Sep 04 j 09:46	10° \mathbb{Q} 19'46	
evening max el	-2629 Mar 14 j 19:03	17° \mathbb{Y} 20'57	45°16'51		-2627 Sep 20 j 00:28	0° \mathbb{M}	
	-2629 Mar 28 j 21:04	0° \mathbb{B}			-2627 Oct 13 j 19:08	0° \mathbb{L}	
greatest brilliancy	-2629 Apr 18 j 01:15	13° \mathbb{B} 23'34	-4.5m				
retrograde	-2629 May 02 j 03:41	16° \mathbb{B} 51'17		superior conj	-2627 Oct 14 j 02:53	0° \mathbb{L} 24'25	0°49'30
evening set	-2629 May 17 j 03:38	12° \mathbb{B} 33'53		minimum elong	-2627 Oct 14 j 13:37	0° \mathbb{L} 58'16	0°49'04
desc. node	-2629 May 21 j 17:37	9° \mathbb{B} 54'23		max. Earth dist.	-2627 Oct 15 j 18:32	2° \mathbb{L} 29'27	1.70916 AU
inferior conj	-2629 May 23 j 14:26	8° \mathbb{B} 45'13	0°-26'-2	desc. node	-2627 Nov 05 j 13:20	28° \mathbb{L} 40'00	
minimum elong	-2629 May 23 j 13:28	8° \mathbb{B} 46'42	0°25'44		-2627 Nov 06 j 14:47	0° \mathbb{M}	
min. Earth dist.	-2629 May 24 j 02:23	8° \mathbb{B} 26'40	0.28851 AU	evening rise	-2627 Nov 25 j 09:48	23° \mathbb{M} 35'19	
morning rise	-2629 May 29 j 22:40	4° \mathbb{B} 57'49			-2627 Nov 30 j 12:41	0° \mathbb{X}	
direct	-2629 Jun 14 j 07:11	0° \mathbb{B} 26'52			-2627 Dec 24 j 13:41	0° \mathbb{Z}	
greatest brilliancy	-2629 Jun 28 j 20:45	4° \mathbb{B} 06'37	-4.5m		-2626 Jan 17 j 19:07	0° \approx	
	-2629 Aug 01 j 13:31	0° \mathbb{I}			-2626 Feb 11 j 07:29	0° \mathbb{H}	
morning max el	-2629 Aug 02 j 18:10	1° \mathbb{I} 09'41	46°14'43	asc. node	-2626 Feb 26 j 12:19	18° \mathbb{H} 21'03	
	-2629 Aug 29 j 23:57	0° \mathbb{S}			-2626 Mar 08 j 06:36	0° \mathbb{Y}	
asc. node	-2629 Sep 11 j 17:46	14° \mathbb{S} 34'40			-2626 Apr 02 j 22:31	0° \mathbb{B}	
	-2629 Sep 24 j 19:38	0° \mathbb{Q}			-2626 Apr 29 j 19:24	0° \mathbb{I}	
	-2629 Oct 19 j 12:46	0° \mathbb{M}		evening max el	-2626 May 25 j 00:15	25° \mathbb{I} 47'54	45°28'49
	-2629 Nov 12 j 18:22	0° \mathbb{L}			-2626 May 29 j 11:58	0° \mathbb{S}	
	-2629 Dec 06 j 20:34	0° \mathbb{M}		desc. node	-2626 Jun 18 j 05:20	16° \mathbb{S} 02'24	
	-2629 Dec 30 j 23:22	0° \mathbb{X}		greatest brilliancy	-2626 Jul 01 j 08:28	23° \mathbb{S} 11'18	-4.5m
desc. node	-2628 Jan 01 j 11:06	1° \mathbb{X} 50'56		retrograde	-2626 Jul 12 j 19:47	25° \mathbb{S} 30'24	
	-2628 Jan 24 j 04:07	0° \mathbb{Z}		evening set	-2626 Jul 30 j 00:20	20° \mathbb{S} 00'01	
morning set	-2628 Feb 07 j 03:56	17° \mathbb{Z} 17'56		inferior conj	-2626 Aug 02 j 20:39	17° \mathbb{S} 41'51	-8°-21'-57
	-2628 Feb 17 j 10:52	0° \approx		minimum elong	-2626 Aug 02 j 14:08	17° \mathbb{S} 51'47	8°21'16
	-2628 Mar 12 j 19:21	0° \mathbb{H}		min. Earth dist.	-2626 Aug 03 j 05:42	17° \mathbb{S} 28'04	0.27770 AU
				morning rise	-2626 Aug 06 j 03:45	15° \mathbb{S} 42'41	
superior conj	-2628 Mar 16 j 10:56	4° \mathbb{H} 29'20	-1°-13'-26	direct	-2626 Aug 24 j 00:45	9° \mathbb{S} 44'43	
minimum elong	-2628 Mar 16 j 18:52	4° \mathbb{H} 53'44	1°13'18	greatest brilliancy	-2626 Sep 07 j 01:40	13° \mathbb{S} 18'45	-4.6m
max. Earth dist.	-2628 Mar 17 j 15:55	5° \mathbb{H} 58'26	1.73448 AU		-2626 Sep 30 j 07:48	0° \mathbb{Q}	
	-2628 Apr 06 j 05:19	0° \mathbb{Y}		asc. node	-2626 Oct 09 j 05:22	8° \mathbb{Q} 24'35	
evening rise	-2628 Apr 22 j 06:28	19° \mathbb{Y} 41'13		morning max el	-2626 Oct 13 j 16:43	12° \mathbb{Q} 53'56	46°50'01
asc. node	-2628 Apr 23 j 10:30	21° \mathbb{Y} 07'09			-2626 Oct 29 j 16:54	0° \mathbb{M}	
greatest brilliancy	-2628 Apr 29 j 08:03	28° \mathbb{Y} 20'47	-3.9m		-2626 Nov 24 j 18:52	0° \mathbb{L}	
	-2628 Apr 30 j 16:26	0° \mathbb{B}			-2626 Dec 19 j 20:44	0° \mathbb{M}	
	-2628 May 25 j 04:30	0° \mathbb{I}			-2625 Jan 13 j 14:44	0° \mathbb{X}	
	-2628 Jun 18 j 17:52	0° \mathbb{S}		desc. node	-2625 Jan 28 j 22:55	18° \mathbb{X} 39'21	
	-2628 Jul 13 j 09:53	0° \mathbb{Q}			-2625 Feb 07 j 06:33	0° \mathbb{Z}	
	-2628 Aug 07 j 07:08	0° \mathbb{M}			-2625 Mar 03 j 21:43	0° \approx	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2625 Mar 28 j 12:09	0° H				-2623 Aug 31 j 13:19	0° L	
morning set	-2625 Apr 17 j 20:49	24° H 52'35		greatest brilliancy	-2623 Sep 15 j 00:15	8° L 02'11	-4.7m	
	-2625 Apr 22 j 01:20	0° Y		retrograde	-2623 Sep 25 j 11:28	10° L 04'39		
	-2625 May 16 j 12:33	0° B		evening set	-2623 Oct 11 j 01:46	5° L 22'00		
max. Earth dist.	-2625 May 21 j 05:29	5° B 46'58	1.73532 AU	inferior conj	-2623 Oct 16 j 01:30	2° L 25'18	-5°-2'-27	
asc. node	-2625 May 21 j 22:35	6° B 39'33		minimum elong	-2623 Oct 16 j 11:21	2° L 10'20	4°59'50	
				min. Earth dist.	-2623 Oct 16 j 07:57	2° L 15'30	0.26407 AU	
superior conj	-2625 May 23 j 21:28	9° B 03'44	0°04'38		-2623 Oct 20 j 02:48	30° R M		
minimum elong	-2625 May 23 j 20:33	9° B 00'54	0°04'39	morning rise	-2623 Oct 21 j 20:41	29° M 01'35		
behind sun begin	-2625 May 22 j 23:15	7° B 55'24		direct	-2623 Nov 05 j 08:16	24° M 49'51		
behind sun end	-2625 May 24 j 17:51	10° B 06'25		asc. node	-2623 Nov 05 j 17:01	24° M 50'00		
	-2625 Jun 09 j 21:12	0° II		greatest brilliancy	-2623 Nov 17 j 16:25	27° M 40'26	-4.7m	
evening rise	-2625 Jun 28 j 12:54	23° II 03'39			-2623 Nov 22 j 07:55	0° L		
	-2625 Jul 04 j 03:21	0° S		morning max el	-2623 Dec 25 j 19:10	27° L 54'00	46°43'05	
	-2625 Jul 28 j 07:54	0° Q			-2623 Dec 27 j 20:50	0° M		
	-2625 Aug 21 j 12:31	0° M			-2622 Jan 24 j 15:39	0° J		
desc. node	-2625 Sep 10 j 15:09	24° M 52'02			-2622 Feb 19 j 20:33	0° S		
	-2625 Sep 14 j 19:03	0° L		desc. node	-2622 Feb 25 j 10:49	6° S 31'00		
	-2625 Oct 09 j 05:36	0° M			-2622 Mar 17 j 10:19	0° \approx		
	-2625 Nov 02 j 23:37	0° J			-2622 Apr 11 j 15:35	0° H		
	-2625 Nov 28 j 09:34	0° S			-2622 May 06 j 14:25	0° Y		
	-2625 Dec 25 j 11:08	0° \approx			-2622 May 31 j 07:10	0° B		
evening max el	-2625 Dec 31 j 15:22	6° \approx 20'58	46°27'30	asc. node	-2622 Jun 18 j 10:25	22° B 13'54		
asc. node	-2624 Jan 01 j 14:25	7° \approx 18'47		morning set	-2622 Jun 23 j 19:37	28° B 51'52		
	-2624 Jan 27 j 21:52	0° H			-2622 Jun 24 j 17:42	0° II		
greatest brilliancy	-2624 Feb 04 j 20:19	4° H 40'33	-4.6m		-2622 Jul 18 j 22:20	0° S		
retrograde	-2624 Feb 19 j 14:50	8° H 34'54		max. Earth dist.	-2622 Jul 26 j 09:14	9° S 17'44	1.72094 AU	
evening set	-2624 Mar 08 j 02:18	2° H 40'30						
inferior conj	-2624 Mar 11 j 23:57	0° H 13'07	7°35'00	superior conj	-2622 Jul 30 j 11:35	14° S 24'50	1°17'56	
minimum elong	-2624 Mar 12 j 06:56	0° H 01'58	7°34'09	minimum elong	-2622 Jul 30 j 05:07	14° S 04'38	1°17'53	
min. Earth dist.	-2624 Mar 12 j 01:05	0° H 11'19	0.29137 AU		-2622 Aug 11 j 22:30	0° Q		
	-2624 Mar 12 j 08:10	30° R \approx			-2622 Sep 04 j 20:24	0° M		
morning rise	-2624 Mar 16 j 11:45	27° \approx 24'48		evening rise	-2622 Sep 06 j 10:07	1° M 58'21		
direct	-2624 Apr 02 j 13:36	21° \approx 51'21			-2622 Sep 28 j 18:20	0° L		
greatest brilliancy	-2624 Apr 14 j 23:00	24° \approx 34'39	-4.5m	desc. node	-2622 Oct 08 j 03:22	11° L 44'40		
desc. node	-2624 Apr 22 j 07:57	28° \approx 18'58			-2622 Oct 22 j 17:53	0° M		
	-2624 Apr 25 j 01:24	0° H			-2622 Nov 15 j 20:21	0° J		
morning max el	-2624 May 21 j 08:23	21° H 37'05	45°47'38		-2622 Dec 10 j 03:50	0° S		
	-2624 May 29 j 21:28	0° Y			-2621 Jan 03 j 20:49	0° \approx		
	-2624 Jun 26 j 23:38	0° B		asc. node	-2621 Jan 29 j 02:20	29° \approx 42'31		
	-2624 Jul 23 j 02:07	0° II			-2621 Jan 29 j 08:24	0° H		
asc. node	-2624 Aug 13 j 08:07	25° II 24'07			-2621 Feb 25 j 10:36	0° Y		
	-2624 Aug 17 j 02:57	0° S		evening max el	-2621 Mar 12 j 10:50	15° Y 10'32	45°18'12	
	-2624 Sep 10 j 11:43	0° Q			-2621 Mar 29 j 05:03	0° B		
	-2624 Oct 04 j 11:15	0° M		greatest brilliancy	-2621 Apr 15 j 14:40	11° B 12'02	-4.5m	
	-2624 Oct 28 j 07:04	0° L		retrograde	-2621 Apr 29 j 20:17	14° B 43'06		
morning set	-2624 Nov 19 j 04:05	27° L 32'31		evening set	-2621 May 14 j 20:27	10° B 24'12		
	-2624 Nov 21 j 03:00	0° M		desc. node	-2621 May 20 j 19:37	6° B 53'09		
desc. node	-2624 Dec 03 j 01:16	14° M 58'32		inferior conj	-2621 May 21 j 06:37	6° B 36'06	0°-6'-23	
	-2624 Dec 15 j 01:03	0° J		minimum elong	-2621 May 21 j 06:23	6° B 36'28	0°06'17	
				transit middle	-2621 May 21 j 06:23	6° B 36'28	0°06'17	
superior conj	-2624 Dec 31 j 06:54	20° J 17'41	0°-59'-37	transit begin	-2621 May 21 j 02:37	6° B 42'17		
minimum elong	-2624 Dec 30 j 19:31	19° J 42'13	0°59'19	transit end	-2621 May 21 j 10:08	6° B 30'38		
max. Earth dist.	-2623 Jan 04 j 20:38	25° J 59'39	1.71929 AU	min. Earth dist.	-2621 May 21 j 18:33	6° B 17'35	0.28881 AU	
	-2623 Jan 08 j 01:48	0° S		morning rise	-2621 May 27 j 15:45	2° B 47'39		
	-2623 Feb 01 j 05:33	0° \approx			-2621 Jun 02 j 16:26	30° R Y		
evening rise	-2623 Feb 09 j 09:29	10° \approx 05'57		direct	-2621 Jun 11 j 23:52	28° Y 17'08		
	-2623 Feb 25 j 12:51	0° H			-2621 Jun 21 j 17:37	0° B		
	-2623 Mar 22 j 00:43	0° Y		greatest brilliancy	-2621 Jun 26 j 13:24	1° B 57'26	-4.5m	
asc. node	-2623 Mar 26 j 00:31	4° Y 51'49		morning max el	-2621 Jul 31 j 10:57	28° B 59'24	46°13'22	
	-2623 Apr 15 j 18:16	0° B			-2621 Aug 01 j 11:41	0° II		
	-2623 May 10 j 19:04	0° II			-2621 Aug 29 j 15:44	0° S		
	-2623 Jun 05 j 06:09	0° S		asc. node	-2621 Sep 10 j 19:55	13° S 58'35		
	-2623 Jul 01 j 10:47	0° Q			-2621 Sep 24 j 09:13	0° Q		
desc. node	-2623 Jul 15 j 17:05	15° Q 44'08			-2621 Oct 19 j 01:19	0° M		
	-2623 Jul 29 j 05:02	0° M			-2621 Nov 12 j 06:21	0° L		
evening max el	-2623 Aug 06 j 08:44	8° M 11'43	46°49'10		-2621 Dec 06 j 08:11	0° M		

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2621 Dec 30 j 10:43	0°♊		greatest brilliancy	-2618 Jun 28 j 20:43	20°♊51'44	-4.5m
desc. node	-2621 Dec 31 j 13:08	1°♊22'04		retrograde	-2618 Jul 10 j 08:37	23°♊11'36	
	-2620 Jan 23 j 15:15	0°♋		evening set	-2618 Jul 27 j 10:31	17°♊46'31	
morning set	-2620 Feb 04 j 17:19	14°♋56'51		inferior conj	-2618 Jul 31 j 10:37	15°♊22'43	-8°-13'-58
	-2620 Feb 16 j 21:50	0°♌		minimum elong	-2618 Jul 31 j 03:25	15°♊33'42	8°13'08
	-2620 Mar 12 j 06:13	0°♍		min. Earth dist.	-2618 Jul 31 j 19:32	15°♊09'07	0.27817 AU
				morning rise	-2618 Aug 03 j 20:07	13°♊19'44	
superior conj	-2620 Mar 14 j 03:34	2°♍19'30	-1°-14'-59	direct	-2618 Aug 21 j 15:15	7°♊24'48	
minimum elong	-2620 Mar 14 j 11:10	2°♍42'53	1°14'52	greatest brilliancy	-2618 Sep 04 j 16:36	10°♊58'25	-4.6m
max. Earth dist.	-2620 Mar 15 j 11:51	3°♍58'46	1.73417 AU		-2618 Sep 30 j 12:39	0°♋	
	-2620 Apr 05 j 16:08	0°♎		asc. node	-2618 Oct 08 j 07:31	7°♋30'10	
evening rise	-2620 Apr 20 j 00:59	17°♎37'38		morning max el	-2618 Oct 11 j 05:30	10°♋26'37	46°49'11
asc. node	-2620 Apr 22 j 12:35	20°♎40'16			-2618 Oct 29 j 10:57	0°♏	
greatest brilliancy	-2620 Apr 29 j 17:36	29°♎30'12	-3.9m		-2618 Nov 24 j 09:45	0°♐	
	-2620 Apr 30 j 03:20	0°♑			-2618 Dec 19 j 10:07	0°♑	
	-2620 May 24 j 15:37	0°♒			-2617 Jan 13 j 03:14	0°♊	
	-2620 Jun 18 j 05:24	0°♓		desc. node	-2617 Jan 28 j 01:07	18°♊09'12	
	-2620 Jul 12 j 22:03	0°♈			-2617 Feb 06 j 18:27	0°♋	
	-2620 Aug 06 j 20:14	0°♉			-2617 Mar 03 j 09:10	0°♌	
desc. node	-2620 Aug 12 j 05:06	6°♉24'34			-2617 Mar 27 j 23:18	0°♍	
	-2620 Sep 01 j 04:37	0°♊		morning set	-2617 Apr 15 j 15:24	22°♍49'05	
	-2620 Sep 27 j 09:41	0°♋			-2617 Apr 21 j 12:18	0°♎	
evening max el	-2620 Oct 18 j 04:10	22°♋16'26	47°31'33		-2617 May 15 j 23:27	0°♏	
	-2620 Oct 25 j 23:02	0°♊		max. Earth dist.	-2617 May 19 j 01:07	3°♏46'18	1.73560 AU
greatest brilliancy	-2620 Nov 25 j 00:20	22°♊58'13	-4.7m	asc. node	-2617 May 21 j 00:34	6°♏12'08	
asc. node	-2620 Dec 03 j 04:40	25°♊45'56					
retrograde	-2620 Dec 08 j 07:43	26°♊17'44		superior conj	-2617 May 21 j 16:31	7°♏01'11	0°01'35
evening set	-2620 Dec 23 j 17:20	21°♊28'53		minimum elong	-2617 May 21 j 16:11	7°♏00'09	0°01'36
min. Earth dist.	-2620 Dec 28 j 00:45	18°♊52'04	0.27388 AU	behind sun begin	-2617 May 20 j 18:12	5°♏52'32	
inferior conj	-2620 Dec 29 j 03:34	18°♊09'58	5°54'11	behind sun end	-2617 May 22 j 14:10	8°♏07'46	
minimum elong	-2620 Dec 28 j 17:59	18°♊25'02	5°51'58		-2617 Jun 09 j 08:10	0°♒	
morning rise	-2619 Jan 02 j 19:23	15°♊19'24		evening rise	-2617 Jun 26 j 07:41	20°♒58'59	
direct	-2619 Jan 18 j 18:07	10°♊17'59			-2617 Jul 03 j 14:27	0°♓	
greatest brilliancy	-2619 Jan 29 j 07:01	12°♊22'09	-4.6m		-2617 Jul 27 j 19:15	0°♈	
	-2619 Feb 24 j 22:47	0°♋			-2617 Aug 21 j 00:12	0°♉	
morning max el	-2619 Mar 08 j 23:24	11°♋02'32	46°04'17	desc. node	-2617 Sep 09 j 17:17	24°♉21'24	
desc. node	-2619 Mar 24 j 22:30	27°♋08'55			-2617 Sep 14 j 07:13	0°♊	
	-2619 Mar 27 j 15:31	0°♌			-2617 Oct 08 j 18:24	0°♋	
	-2619 Apr 24 j 00:04	0°♍			-2617 Nov 02 j 13:24	0°♌	
	-2619 May 20 j 02:23	0°♎			-2617 Nov 28 j 01:07	0°♍	
	-2619 Jun 14 j 11:01	0°♏			-2617 Dec 25 j 07:15	0°♎	
	-2619 Jul 09 j 06:22	0°♐		evening max el	-2617 Dec 29 j 05:45	4°♎01'31	46°30'32
asc. node	-2619 Jul 15 j 22:22	8°♐09'35		asc. node	-2617 Dec 31 j 16:37	6°♎28'41	
	-2619 Aug 02 j 14:58	0°♑			-2616 Jan 29 j 00:34	0°♏	
	-2619 Aug 26 j 15:35	0°♒		greatest brilliancy	-2616 Feb 02 j 13:57	2°♏30'57	-4.6m
greatest brilliancy	-2619 Aug 29 j 23:59	4°♒12'21	-3.9m	retrograde	-2616 Feb 17 j 07:22	6°♏25'10	
morning set	-2619 Sep 01 j 23:20	7°♒56'32		evening set	-2616 Mar 05 j 21:08	0°♏27'46	
	-2619 Sep 19 j 11:38	0°♓			-2616 Mar 06 j 15:12	30°♏	
				inferior conj	-2616 Mar 09 j 16:51	28°♏03'24	7°42'57
superior conj	-2619 Oct 11 j 13:12	27°♓50'16	0°52'37	minimum elong	-2616 Mar 09 j 23:19	27°♏53'02	7°42'13
minimum elong	-2619 Oct 12 j 00:10	28°♓24'51	0°52'12	min. Earth dist.	-2616 Mar 09 j 17:16	28°♏02'44	0.29111 AU
max. Earth dist.	-2619 Oct 12 j 22:48	29°♓36'14	1.70915 AU	morning rise	-2616 Mar 14 j 01:40	25°♏19'19	
	-2619 Oct 13 j 06:20	0°♈		direct	-2616 Mar 31 j 05:23	19°♏42'03	
desc. node	-2619 Nov 04 j 15:21	28°♈11'05		greatest brilliancy	-2616 Apr 12 j 13:20	22°♏23'19	-4.5m
	-2619 Nov 06 j 02:01	0°♉		desc. node	-2616 Apr 21 j 09:57	27°♏00'38	
evening rise	-2619 Nov 22 j 18:56	20°♉58'15			-2616 Apr 25 j 22:36	0°♊	
	-2619 Nov 29 j 23:57	0°♊		morning max el	-2616 May 18 j 23:38	19°♊25'23	45°47'26
	-2619 Dec 24 j 01:00	0°♋			-2616 May 29 j 16:51	0°♎	
	-2618 Jan 17 j 06:35	0°♌			-2616 Jun 26 j 14:30	0°♏	
	-2618 Feb 10 j 19:15	0°♍			-2616 Jul 22 j 15:14	0°♐	
asc. node	-2618 Feb 25 j 14:29	17°♍51'16		asc. node	-2616 Aug 12 j 10:17	24°♐53'13	
	-2618 Mar 07 j 19:01	0°♎			-2616 Aug 16 j 15:13	0°♑	
	-2618 Apr 02 j 12:17	0°♏			-2616 Sep 09 j 23:32	0°♒	
	-2618 Apr 29 j 12:11	0°♐			-2616 Oct 03 j 22:50	0°♓	
evening max el	-2618 May 22 j 14:51	23°♐32'35	45°26'53		-2616 Oct 27 j 18:31	0°♈	
	-2618 May 29 j 14:15	0°♑		morning set	-2616 Nov 16 j 13:37	24°♈55'43	
desc. node	-2618 Jun 17 j 07:25	14°♑44'52			-2616 Nov 20 j 14:24	0°♉	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2616 Dec 02 j 03:15	14° \mathbb{M} 29'10		minimum elong	-2613 May 18 j 23:21	4° \mathbb{B} 25'55	0°13'08
	-2616 Dec 14 j 12:23	0° \mathbb{X}		transit middle	-2613 May 18 j 23:21	4° \mathbb{B} 25'55	0°13'08
				transit begin	-2613 May 18 j 20:58	4° \mathbb{B} 29'37	
superior conj	-2616 Dec 28 j 17:22	17° \mathbb{X} 45'27	0°-56'-50	transit end	-2613 May 19 j 01:44	4° \mathbb{B} 22'13	
minimum elong	-2616 Dec 28 j 05:59	17° \mathbb{X} 09'57	0°56'30	min. Earth dist.	-2613 May 19 j 10:38	4° \mathbb{B} 08'25	0.28907 AU
max. Earth dist.	-2615 Jan 02 j 05:10	23° \mathbb{X} 21'34	1.71870 AU	desc. node	-2613 May 19 j 21:40	3° \mathbb{B} 51'17	
	-2615 Jan 07 j 13:05	0° \mathbb{B}		morning rise	-2613 May 25 j 08:44	0° \mathbb{B} 37'16	
	-2615 Jan 31 j 16:45	0° \approx			-2613 May 26 j 12:43	30° \mathbb{R} \mathbb{Y}	
evening rise	-2615 Feb 06 j 23:07	7° \approx 45'05		direct	-2613 Jun 09 j 16:50	26° \mathbb{Y} 07'24	
	-2615 Feb 25 j 00:05	0° \mathbb{H}		greatest brilliancy	-2613 Jun 24 j 04:46	29° \mathbb{Y} 46'27	-4.5m
	-2615 Mar 21 j 12:05	0° \mathbb{Y}			-2613 Jun 24 j 16:09	0° \mathbb{B}	
asc. node	-2615 Mar 25 j 02:36	4° \mathbb{Y} 23'28		morning max el	-2613 Jul 29 j 03:25	26° \mathbb{B} 48'15	46°11'57
	-2615 Apr 15 j 06:00	0° \mathbb{B}			-2613 Aug 01 j 09:09	0° \mathbb{II}	
	-2615 May 10 j 07:28	0° \mathbb{II}			-2613 Aug 29 j 07:25	0° \mathbb{B}	
	-2615 Jun 04 j 19:47	0° \mathbb{B}		asc. node	-2613 Sep 09 j 22:01	13° \mathbb{B} 22'12	
	-2615 Jul 01 j 02:45	0° \mathbb{Q}			-2613 Sep 23 j 22:52	0° \mathbb{Q}	
desc. node	-2615 Jul 14 j 19:14	15° \mathbb{Q} 01'00			-2613 Oct 18 j 14:02	0° \mathbb{M}	
	-2615 Jul 29 j 02:33	0° \mathbb{M}			-2613 Nov 11 j 18:33	0° \mathbb{B}	
evening max el	-2615 Aug 03 j 20:53	5° \mathbb{M} 44'45	46°46'15		-2613 Dec 05 j 20:01	0° \mathbb{M}	
	-2615 Sep 01 j 18:05	0° \mathbb{B}			-2613 Dec 29 j 22:16	0° \mathbb{X}	
greatest brilliancy	-2615 Sep 12 j 13:02	5° \mathbb{B} 32'28	-4.7m	desc. node	-2613 Dec 30 j 15:22	0° \mathbb{X} 53'08	
retrograde	-2615 Sep 22 j 23:15	7° \mathbb{B} 34'13			-2612 Jan 23 j 02:34	0° \mathbb{B}	
evening set	-2615 Oct 08 j 16:45	2° \mathbb{B} 46'54		morning set	-2612 Feb 02 j 06:17	12° \mathbb{B} 33'51	
	-2615 Oct 13 j 10:04	30° \mathbb{R} \mathbb{M}			-2612 Feb 16 j 08:59	0° \approx	
inferior conj	-2615 Oct 13 j 13:27	29° \mathbb{M} 54'52	-5°-22'-29	superior conj	-2612 Mar 11 j 19:53	0° \mathbb{H} 08'07	-1°-16'-26
minimum elong	-2615 Oct 13 j 23:39	29° \mathbb{M} 39'23	5°19'50	minimum elong	-2612 Mar 12 j 03:05	0° \mathbb{H} 30'15	1°16'20
min. Earth dist.	-2615 Oct 13 j 21:05	29° \mathbb{M} 43'16	0.26434 AU		-2612 Mar 11 j 17:15	0° \mathbb{H}	
morning rise	-2615 Oct 19 j 06:16	26° \mathbb{M} 34'43		max. Earth dist.	-2612 Mar 13 j 09:12	2° \mathbb{H} 02'53	1.73384 AU
direct	-2615 Nov 02 j 20:31	22° \mathbb{M} 18'46			-2612 Apr 05 j 03:09	0° \mathbb{Y}	
asc. node	-2615 Nov 04 j 19:00	22° \mathbb{M} 23'20		evening rise	-2612 Apr 17 j 19:23	15° \mathbb{Y} 33'05	
greatest brilliancy	-2615 Nov 15 j 07:31	25° \mathbb{M} 12'55	-4.7m	asc. node	-2612 Apr 21 j 14:36	20° \mathbb{Y} 12'39	
	-2615 Nov 23 j 23:10	0° \mathbb{B}			-2612 Apr 29 j 14:24	0° \mathbb{B}	
morning max el	-2615 Dec 23 j 09:05	25° \mathbb{B} 28'50	46°44'10	greatest brilliancy	-2612 May 01 j 23:16	2° \mathbb{B} 54'04	-3.9m
	-2615 Dec 27 j 19:08	0° \mathbb{M}			-2612 May 24 j 02:54	0° \mathbb{II}	
	-2614 Jan 24 j 08:05	0° \mathbb{X}			-2612 Jun 17 j 17:04	0° \mathbb{B}	
	-2614 Feb 19 j 10:36	0° \mathbb{B}			-2612 Jul 12 j 10:20	0° \mathbb{Q}	
desc. node	-2614 Feb 24 j 12:55	5° \mathbb{B} 57'02			-2612 Aug 06 j 09:28	0° \mathbb{M}	
	-2614 Mar 16 j 23:03	0° \approx		desc. node	-2612 Aug 11 j 07:14	5° \mathbb{M} 50'49	
	-2614 Apr 11 j 03:32	0° \mathbb{H}			-2612 Aug 31 j 19:23	0° \mathbb{B}	
	-2614 May 06 j 01:52	0° \mathbb{Y}			-2612 Sep 27 j 03:31	0° \mathbb{M}	
	-2614 May 30 j 18:20	0° \mathbb{B}		evening max el	-2612 Oct 15 j 20:15	19° \mathbb{M} 57'03	47°31'48
asc. node	-2614 Jun 17 j 12:36	21° \mathbb{B} 46'38			-2612 Oct 26 j 02:02	0° \mathbb{X}	
morning set	-2614 Jun 21 j 13:44	26° \mathbb{B} 45'44		greatest brilliancy	-2612 Nov 22 j 17:14	20° \mathbb{X} 36'41	-4.7m
	-2614 Jun 24 j 04:43	0° \mathbb{II}		asc. node	-2612 Dec 02 j 06:53	23° \mathbb{X} 36'50	
	-2614 Jul 18 j 09:22	0° \mathbb{B}		retrograde	-2612 Dec 05 j 22:33	23° \mathbb{X} 53'03	
max. Earth dist.	-2614 Jul 24 j 02:29	7° \mathbb{B} 07'17	1.72156 AU	evening set	-2612 Dec 21 j 04:52	19° \mathbb{X} 09'04	
superior conj	-2614 Jul 28 j 04:16	12° \mathbb{B} 12'25	1°16'37	min. Earth dist.	-2612 Dec 25 j 14:44	16° \mathbb{X} 28'41	0.27311 AU
minimum elong	-2614 Jul 27 j 21:21	11° \mathbb{B} 50'49	1°16'33	inferior conj	-2612 Dec 26 j 17:33	15° \mathbb{X} 46'33	5°38'02
	-2614 Aug 11 j 09:37	0° \mathbb{Q}		minimum elong	-2612 Dec 26 j 08:04	16° \mathbb{X} 01'28	5°35'45
evening rise	-2614 Sep 03 j 23:10	29° \mathbb{Q} 33'13		morning rise	-2612 Dec 31 j 12:05	12° \mathbb{X} 52'15	
	-2614 Sep 04 j 07:42	0° \mathbb{M}		direct	-2611 Jan 16 j 07:54	7° \mathbb{X} 56'08	
	-2614 Sep 28 j 05:49	0° \mathbb{B}		greatest brilliancy	-2611 Jan 26 j 19:25	9° \mathbb{X} 59'15	-4.6m
desc. node	-2614 Oct 07 j 05:20	11° \mathbb{B} 14'43			-2611 Feb 25 j 04:03	0° \mathbb{B}	
	-2614 Oct 22 j 05:34	0° \mathbb{M}		morning max el	-2611 Mar 06 j 13:30	8° \mathbb{B} 44'42	46°05'24
	-2614 Nov 15 j 08:17	0° \mathbb{X}		desc. node	-2611 Mar 24 j 00:32	26° \mathbb{B} 26'14	
	-2614 Dec 09 j 16:09	0° \mathbb{B}			-2611 Mar 27 j 09:13	0° \approx	
	-2613 Jan 03 j 09:52	0° \approx			-2611 Apr 23 j 14:21	0° \mathbb{H}	
asc. node	-2613 Jan 28 j 04:29	29° \approx 07'06			-2611 May 19 j 15:07	0° \mathbb{Y}	
	-2613 Jan 28 j 22:55	0° \mathbb{H}			-2611 Jun 13 j 22:54	0° \mathbb{B}	
	-2613 Feb 25 j 04:50	0° \mathbb{Y}			-2611 Jul 08 j 17:47	0° \mathbb{II}	
evening max el	-2613 Mar 10 j 03:19	13° \mathbb{Y} 01'00	45°19'37	asc. node	-2611 Jul 15 j 00:32	7° \mathbb{II} 41'28	
	-2613 Mar 29 j 16:20	0° \mathbb{B}			-2611 Aug 02 j 02:08	0° \mathbb{B}	
greatest brilliancy	-2613 Apr 13 j 05:36	9° \mathbb{B} 01'49	-4.5m		-2611 Aug 26 j 02:40	0° \mathbb{Q}	
retrograde	-2613 Apr 27 j 13:00	12° \mathbb{B} 34'21		greatest brilliancy	-2611 Aug 30 j 03:50	5° \mathbb{Q} 05'04	-3.9m
evening set	-2613 May 12 j 13:34	8° \mathbb{B} 14'10		morning set	-2611 Aug 30 j 13:23	5° \mathbb{Q} 35'04	
inferior conj	-2613 May 18 j 22:52	4° \mathbb{B} 26'40	0°13'14		-2611 Sep 18 j 22:43	0° \mathbb{M}	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2611 Oct 09 j 00:00	25° \mathbb{M} 18'00	0°55'35	minimum elong	-2608 Mar 07 j 15:35	25° \approx 44'10	7°49'34
minimum elong	-2611 Oct 09 j 11:06	25° \mathbb{M} 53'00	0°55'11	min. Earth dist.	-2608 Mar 07 j 09:11	25° \approx 54'23	0.29089 AU
max. Earth dist.	-2611 Oct 10 j 01:12	26° \mathbb{M} 37'27	1.70921 AU	morning rise	-2608 Mar 11 j 15:35	23° \approx 13'56	
	-2611 Oct 12 j 17:28	0° $\underline{\mathbb{A}}$		direct	-2608 Mar 28 j 21:04	17° \approx 32'38	
desc. node	-2611 Nov 03 j 17:26	27° $\underline{\mathbb{A}}$ 42'26		greatest brilliancy	-2608 Apr 10 j 04:37	20° \approx 13'20	-4.5m
	-2611 Nov 05 j 13:12	0° \mathbb{M}		desc. node	-2608 Apr 20 j 12:02	25° \approx 45'01	
evening rise	-2611 Nov 20 j 03:57	18° \mathbb{M} 20'49			-2608 Apr 26 j 14:11	0° \mathbb{H}	
	-2611 Nov 29 j 11:13	0° \mathbb{H}		morning max el	-2608 May 16 j 15:26	17° \mathbb{H} 15'26	45°47'19
	-2611 Dec 23 j 12:22	0° \mathbb{Z}			-2608 May 29 j 11:31	0° \mathbb{Y}	
	-2610 Jan 16 j 18:05	0° \approx			-2608 Jun 26 j 04:58	0° \mathbb{B}	
	-2610 Feb 10 j 07:04	0° \mathbb{H}			-2608 Jul 22 j 04:01	0° \mathbb{I}	
asc. node	-2610 Feb 24 j 16:32	17° \mathbb{H} 20'58		asc. node	-2608 Aug 11 j 12:18	24° \mathbb{I} 22'45	
	-2610 Mar 07 j 07:31	0° \mathbb{Y}			-2608 Aug 16 j 03:10	0° \mathbb{G}	
	-2610 Apr 02 j 02:12	0° \mathbb{B}			-2608 Sep 09 j 11:03	0° \mathbb{Q}	
	-2610 Apr 29 j 05:17	0° \mathbb{I}			-2608 Oct 03 j 10:06	0° \mathbb{M}	
evening max el	-2610 May 20 j 04:31	21° \mathbb{I} 15'07	45°25'03		-2608 Oct 27 j 05:39	0° $\underline{\mathbb{A}}$	
	-2610 May 29 j 18:05	0° \mathbb{G}		morning set	-2608 Nov 13 j 23:40	22° $\underline{\mathbb{A}}$ 21'30	
desc. node	-2610 Jun 16 j 09:38	13° \mathbb{G} 25'12			-2608 Nov 20 j 01:26	0° \mathbb{M}	
greatest brilliancy	-2610 Jun 26 j 08:51	18° \mathbb{G} 32'16	-4.5m	desc. node	-2608 Dec 01 j 05:29	14° \mathbb{M} 01'46	
retrograde	-2610 Jul 07 j 21:32	20° \mathbb{G} 53'24			-2608 Dec 13 j 23:20	0° \mathbb{H}	
evening set	-2610 Jul 24 j 20:35	15° \mathbb{G} 33'26					
inferior conj	-2610 Jul 29 j 00:35	13° \mathbb{G} 04'07	-8°-5'-13	superior conj	-2608 Dec 26 j 04:06	15° \mathbb{H} 15'11	0°-53'-56
minimum elong	-2610 Jul 28 j 16:46	13° \mathbb{G} 16'02	8°04'13	minimum elong	-2608 Dec 25 j 16:49	14° \mathbb{H} 39'56	0°53'36
min. Earth dist.	-2610 Jul 29 j 09:36	12° \mathbb{G} 50'22	0.27860 AU	max. Earth dist.	-2608 Dec 30 j 14:12	20° \mathbb{H} 46'13	1.71815 AU
morning rise	-2610 Aug 01 j 12:40	10° \mathbb{G} 57'10			-2607 Jan 06 j 23:56	0° \mathbb{Z}	
direct	-2610 Aug 19 j 05:17	5° \mathbb{G} 05'18			-2607 Jan 31 j 03:35	0° \approx	
greatest brilliancy	-2610 Sep 02 j 08:28	8° \mathbb{G} 40'00	-4.6m	evening rise	-2607 Feb 04 j 12:56	5° \approx 25'56	
	-2610 Sep 30 j 15:30	0° \mathbb{Q}			-2607 Feb 24 j 10:58	0° \mathbb{H}	
asc. node	-2610 Oct 07 j 09:31	6° \mathbb{Q} 37'05			-2607 Mar 20 j 23:10	0° \mathbb{Y}	
morning max el	-2610 Oct 08 j 18:05	7° \mathbb{Q} 59'36	46°48'33	asc. node	-2607 Mar 24 j 04:37	3° \mathbb{Y} 55'46	
	-2610 Oct 29 j 04:19	0° \mathbb{M}			-2607 Apr 14 j 17:28	0° \mathbb{B}	
	-2610 Nov 24 j 00:12	0° $\underline{\mathbb{A}}$			-2607 May 09 j 19:39	0° \mathbb{I}	
	-2610 Dec 18 j 23:12	0° \mathbb{M}			-2607 Jun 04 j 09:14	0° \mathbb{G}	
	-2609 Jan 12 j 15:31	0° \mathbb{H}			-2607 Jun 30 j 18:39	0° \mathbb{Q}	
desc. node	-2609 Jan 27 j 03:10	17° \mathbb{H} 39'08		desc. node	-2607 Jul 13 j 21:19	14° \mathbb{Q} 18'00	
	-2609 Feb 06 j 06:11	0° \mathbb{Z}			-2607 Jul 29 j 00:32	0° \mathbb{M}	
	-2609 Mar 02 j 20:30	0° \approx		evening max el	-2607 Aug 01 j 09:46	3° \mathbb{M} 20'45	46°43'20
	-2609 Mar 27 j 10:19	0° \mathbb{H}			-2607 Sep 03 j 10:24	0° $\underline{\mathbb{A}}$	
morning set	-2609 Apr 13 j 09:30	20° \mathbb{H} 44'24		greatest brilliancy	-2607 Sep 10 j 00:53	3° $\underline{\mathbb{A}}$ 02'49	-4.6m
	-2609 Apr 20 j 23:06	0° \mathbb{Y}		retrograde	-2607 Sep 20 j 11:28	5° $\underline{\mathbb{A}}$ 04'35	
	-2609 May 15 j 10:11	0° \mathbb{B}		evening set	-2607 Oct 06 j 07:48	0° $\underline{\mathbb{A}}$ 12'29	
max. Earth dist.	-2609 May 16 j 21:25	1° \mathbb{B} 48'13	1.73587 AU		-2607 Oct 06 j 16:40	30° \mathbb{R} \mathbb{M}	
				inferior conj	-2607 Oct 11 j 01:16	27° \mathbb{M} 25'09	-5°-41'-58
superior conj	-2609 May 19 j 11:13	4° \mathbb{B} 58'06	0°-1'-32	minimum elong	-2607 Oct 11 j 11:47	27° \mathbb{M} 09'14	5°39'20
minimum elong	-2609 May 19 j 11:31	4° \mathbb{B} 59'02	0°01'29	min. Earth dist.	-2607 Oct 11 j 09:45	27° \mathbb{M} 12'18	0.26461 AU
behind sun begin	-2609 May 18 j 13:31	3° \mathbb{B} 51'24		morning rise	-2607 Oct 16 j 15:30	24° \mathbb{M} 08'58	
behind sun end	-2609 May 20 j 09:31	6° \mathbb{B} 06'40		direct	-2607 Oct 31 j 09:13	19° \mathbb{M} 48'37	
asc. node	-2609 May 20 j 02:44	5° \mathbb{B} 45'48		asc. node	-2607 Nov 03 j 21:13	20° \mathbb{M} 03'27	
	-2609 Jun 08 j 18:58	0° \mathbb{I}		greatest brilliancy	-2607 Nov 12 j 21:47	22° \mathbb{M} 45'18	-4.7m
evening rise	-2609 Jun 24 j 02:25	18° \mathbb{I} 54'48			-2607 Nov 25 j 02:12	0° $\underline{\mathbb{A}}$	
	-2609 Jul 03 j 01:26	0° \mathbb{G}		morning max el	-2607 Dec 20 j 23:27	23° $\underline{\mathbb{A}}$ 05'59	46°45'25
	-2609 Jul 27 j 06:28	0° \mathbb{Q}			-2607 Dec 27 j 16:09	0° \mathbb{M}	
	-2609 Aug 20 j 11:44	0° \mathbb{M}			-2606 Jan 23 j 23:45	0° \mathbb{H}	
desc. node	-2609 Sep 08 j 19:18	23° \mathbb{M} 50'58			-2606 Feb 19 j 00:00	0° \mathbb{Z}	
	-2609 Sep 13 j 19:11	0° $\underline{\mathbb{A}}$		desc. node	-2606 Feb 23 j 14:58	5° \mathbb{Z} 24'35	
	-2609 Oct 08 j 06:58	0° \mathbb{M}			-2606 Mar 16 j 11:16	0° \approx	
	-2609 Nov 02 j 02:54	0° \mathbb{H}			-2606 Apr 10 j 15:03	0° \mathbb{H}	
	-2609 Nov 27 j 16:29	0° \mathbb{Z}			-2606 May 05 j 12:58	0° \mathbb{Y}	
	-2609 Dec 25 j 03:37	0° \approx			-2606 May 30 j 05:11	0° \mathbb{B}	
evening max el	-2609 Dec 26 j 19:57	1° \approx 42'27	46°33'26	asc. node	-2606 Jun 16 j 14:45	21° \mathbb{B} 20'15	
asc. node	-2609 Dec 30 j 18:43	5° \approx 38'21		morning set	-2606 Jun 19 j 07:49	24° \mathbb{B} 40'32	
	-2608 Jan 30 j 14:28	0° \mathbb{H}			-2606 Jun 23 j 15:27	0° \mathbb{I}	
greatest brilliancy	-2608 Jan 31 j 06:29	0° \mathbb{H} 20'14	-4.6m		-2606 Jul 17 j 20:04	0° \mathbb{G}	
retrograde	-2608 Feb 15 j 00:02	4° \mathbb{H} 15'43		max. Earth dist.	-2606 Jul 21 j 18:17	4° \mathbb{G} 53'24	1.72216 AU
	-2608 Feb 29 j 15:36	30° \mathbb{R} \approx					
evening set	-2608 Mar 03 j 15:41	28° \approx 15'10		superior conj	-2606 Jul 25 j 20:54	10° \mathbb{G} 00'58	1°15'12
inferior conj	-2608 Mar 07 j 09:36	25° \approx 53'43	7°50'12	minimum elong	-2606 Jul 25 j 13:35	9° \mathbb{G} 38'06	1°15'06

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2606 Aug 10 j 20:26	0°♈					-2603 Feb 25 j 07:16	0°♈			
evening rise	-2606 Sep 01 j 12:16	27°♈09'17		morning max el	-2603 Mar 04 j 02:45	6°♈25'16	46°06'43				
	-2606 Sep 03 j 18:41	0°♍		desc. node	-2603 Mar 23 j 02:36	25°♈44'52					
	-2606 Sep 27 j 17:00	0°♊			-2603 Mar 27 j 02:16	0°♍					
desc. node	-2606 Oct 06 j 07:26	10°♊46'04			-2603 Apr 23 j 04:12	0°♋					
	-2606 Oct 21 j 16:58	0°♌			-2603 May 19 j 03:29	0°♎					
	-2606 Nov 14 j 19:56	0°♏			-2603 Jun 13 j 10:30	0°♌					
	-2606 Dec 09 j 04:10	0°♈			-2603 Jul 08 j 04:59	0°♊					
asc. node	-2605 Jan 02 j 22:33	0°♍		asc. node	-2603 Jul 14 j 02:33	7°♊13'29					
	-2605 Jan 27 j 06:33	28°♍32'34			-2603 Aug 01 j 13:10	0°♍					
	-2605 Jan 28 j 13:06	0°♋			-2603 Aug 25 j 13:40	0°♈					
	-2605 Feb 24 j 22:57	0°♎		morning set	-2603 Aug 28 j 03:23	3°♈13'43					
evening max el	-2605 Mar 07 j 19:58	10°♎53'17	45°20'58		-2603 Sep 18 j 09:44	0°♍					
	-2605 Mar 30 j 06:34	0°♌									
greatest brilliancy	-2605 Apr 10 j 21:31	6°♌54'24	-4.5m	superior conj	-2603 Oct 06 j 10:45	22°♍45'42	0°58'27				
retrograde	-2605 Apr 25 j 05:26	10°♌27'11		minimum elong	-2603 Oct 06 j 21:53	23°♍20'49	0°58'03				
evening set	-2605 May 10 j 07:01	6°♌05'42		max. Earth dist.	-2603 Oct 07 j 01:42	23°♍32'51	1.70931 AU				
inferior conj	-2605 May 16 j 15:19	2°♌18'55	0°32'47		-2603 Oct 12 j 04:31	0°♊					
minimum elong	-2605 May 16 j 16:31	2°♌17'03	0°32'28	desc. node	-2603 Nov 02 j 19:37	27°♊14'23					
min. Earth dist.	-2605 May 17 j 03:01	2°♌00'43	0.28935 AU		-2603 Nov 05 j 00:19	0°♌					
desc. node	-2605 May 18 j 23:54	0°♌51'19		evening rise	-2603 Nov 17 j 12:44	15°♌42'52					
	-2605 May 20 j 09:51	30°♌♎			-2603 Nov 28 j 22:24	0°♏					
morning rise	-2605 May 23 j 01:42	28°♎28'32			-2603 Dec 22 j 23:39	0°♈					
direct	-2605 Jun 07 j 10:04	23°♎59'21			-2602 Jan 16 j 05:32	0°♍					
greatest brilliancy	-2605 Jun 21 j 19:38	27°♎35'59	-4.5m		-2602 Feb 09 j 18:50	0°♋					
	-2605 Jun 26 j 09:43	0°♌		asc. node	-2602 Feb 23 j 18:38	16°♋50'57					
morning max el	-2605 Jul 26 j 19:14	24°♌36'28	46°10'29		-2602 Mar 06 j 19:59	0°♎					
	-2605 Aug 01 j 05:34	0°♊			-2602 Apr 01 j 16:06	0°♌					
	-2605 Aug 28 j 22:35	0°♍			-2602 Apr 28 j 22:33	0°♊					
asc. node	-2605 Sep 09 j 00:07	12°♍46'55		evening max el	-2602 May 17 j 17:55	18°♊57'52	45°23'25				
	-2605 Sep 23 j 12:08	0°♈			-2602 May 29 j 23:27	0°♍					
	-2605 Oct 18 j 02:23	0°♍		desc. node	-2602 Jun 15 j 11:38	12°♍03'34					
	-2605 Nov 11 j 06:24	0°♊		greatest brilliancy	-2602 Jun 23 j 20:03	16°♍12'53	-4.5m				
	-2605 Dec 05 j 07:32	0°♌		retrograde	-2602 Jul 05 j 11:03	18°♍36'43					
	-2605 Dec 29 j 09:30	0°♏		evening set	-2602 Jul 22 j 06:52	13°♍21'27					
desc. node	-2605 Dec 29 j 17:22	0°♏24'27		inferior conj	-2602 Jul 26 j 14:48	10°♍46'41	-7°-55'-34				
	-2604 Jan 22 j 13:34	0°♈		minimum elong	-2602 Jul 26 j 06:28	10°♍59'25	7°54'25				
morning set	-2604 Jan 30 j 19:21	10°♈12'04		min. Earth dist.	-2602 Jul 26 j 23:48	10°♍32'57	0.27911 AU				
	-2604 Feb 15 j 19:48	0°♍		morning rise	-2602 Jul 30 j 05:44	8°♍35'35					
				direct	-2602 Aug 16 j 19:37	2°♍46'42					
superior conj	-2604 Mar 09 j 12:28	27°♍58'30	-1°-17'-45	greatest brilliancy	-2602 Aug 31 j 01:39	6°♍23'59	-4.6m				
minimum elong	-2604 Mar 09 j 19:12	28°♍19'15	1°17'41		-2602 Sep 30 j 16:57	0°♈					
	-2604 Mar 11 j 03:56	0°♋		asc. node	-2602 Oct 06 j 11:46	5°♈45'26					
max. Earth dist.	-2604 Mar 11 j 07:49	0°♋11'57	1.73344 AU	morning max el	-2602 Oct 06 j 07:42	5°♈35'06	46°47'44				
	-2604 Apr 04 j 13:48	0°♎			-2602 Oct 28 j 21:29	0°♍					
evening rise	-2604 Apr 15 j 14:02	13°♎30'23			-2602 Nov 23 j 14:38	0°♊					
asc. node	-2604 Apr 20 j 16:50	19°♎46'42			-2602 Dec 18 j 12:19	0°♌					
	-2604 Apr 29 j 01:09	0°♌			-2601 Jan 12 j 03:50	0°♏					
	-2604 May 23 j 13:54	0°♊		desc. node	-2601 Jan 26 j 05:14	17°♏08'57					
	-2604 Jun 17 j 04:31	0°♍			-2601 Feb 05 j 17:57	0°♈					
	-2604 Jul 11 j 22:27	0°♈			-2601 Mar 02 j 07:51	0°♍					
	-2604 Aug 05 j 22:35	0°♍			-2601 Mar 26 j 21:22	0°♋					
desc. node	-2604 Aug 10 j 09:14	5°♍17'03		morning set	-2601 Apr 11 j 03:45	18°♋39'58					
	-2604 Aug 31 j 10:08	0°♊			-2601 Apr 20 j 09:58	0°♎					
	-2604 Sep 26 j 21:31	0°♌			-2601 May 14 j 20:59	0°♌					
evening max el	-2604 Oct 13 j 11:21	17°♌35'38	47°31'57	max. Earth dist.	-2601 May 14 j 19:17	29°♎54'46	1.73608 AU				
	-2604 Oct 26 j 06:24	0°♏									
greatest brilliancy	-2604 Nov 20 j 10:55	18°♏16'34	-4.7m	superior conj	-2601 May 17 j 06:21	2°♌56'14	0°-4'-35				
asc. node	-2604 Dec 01 j 09:02	21°♏23'02		minimum elong	-2601 May 17 j 07:14	2°♌58'59	0°04'30				
retrograde	-2604 Dec 03 j 12:49	21°♏28'44		behind sun begin	-2601 May 16 j 09:52	1°♌53'19					
evening set	-2604 Dec 18 j 16:30	16°♏49'30		behind sun end	-2601 May 18 j 04:36	4°♌04'39					
min. Earth dist.	-2604 Dec 23 j 05:07	14°♏05'11	0.27234 AU	asc. node	-2601 May 19 j 04:53	5°♌19'17					
inferior conj	-2604 Dec 24 j 07:32	13°♏23'40	5°21'09		-2601 Jun 08 j 05:48	0°♊					
minimum elong	-2604 Dec 23 j 22:12	13°♏38'21	5°18'50	evening rise	-2601 Jun 21 j 21:42	16°♊52'25					
morning rise	-2604 Dec 29 j 04:43	10°♏25'30			-2601 Jul 02 j 12:24	0°♍					
direct	-2603 Jan 13 j 21:17	5°♏34'40			-2601 Jul 26 j 17:42	0°♈					
greatest brilliancy	-2603 Jan 24 j 08:43	7°♏37'35	-4.6m		-2601 Aug 19 j 23:22	0°♍					

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2601 Sep 07 j 21:26	23° \mathfrak{m} 20'31				-2598 Feb 18 j 13:49	0° \mathfrak{C}		
	-2601 Sep 13 j 07:19	0° \mathfrak{L}			desc. node	-2598 Feb 22 j 17:06	4° \mathfrak{C} 51'04		
	-2601 Oct 07 j 19:48	0° \mathfrak{M}				-2598 Mar 15 j 23:54	0° \approx		
	-2601 Nov 01 j 16:48	0° \mathfrak{J}				-2598 Apr 10 j 02:57	0° \mathfrak{H}		
	-2601 Nov 27 j 08:23	0° \mathfrak{C}				-2598 May 05 j 00:25	0° \mathfrak{Y}		
evening max el	-2601 Dec 24 j 10:40	29° \mathfrak{C} 23'46	46°36'31			-2598 May 29 j 16:22	0° \mathfrak{C}		
	-2601 Dec 25 j 01:02	0° \approx			asc. node	-2598 Jun 15 j 16:44	20° \mathfrak{C} 52'16		
asc. node	-2601 Dec 29 j 20:47	4° \approx 46'08			morning set	-2598 Jun 17 j 01:58	22° \mathfrak{C} 34'31		
greatest brilliancy	-2600 Jan 28 j 22:42	28° \approx 08'08	-4.6m			-2598 Jun 23 j 02:31	0° \mathfrak{I}		
	-2600 Feb 02 j 04:27	0° \mathfrak{H}				-2598 Jul 17 j 07:08	0° \mathfrak{C}		
retrograde	-2600 Feb 12 j 17:12	2° \mathfrak{H} 05'18			max. Earth dist.	-2598 Jul 19 j 08:19	2° \mathfrak{C} 33'08	1.72271 AU	
	-2600 Feb 22 j 19:34	30° \mathfrak{R} \approx							
evening set	-2600 Mar 01 j 10:00	26° \approx 01'42			superior conj	-2598 Jul 23 j 13:55	7° \mathfrak{C} 49'45	1°13'39	
inferior conj	-2600 Mar 05 j 02:15	23° \approx 42'56	7°56'48		minimum elong	-2598 Jul 23 j 06:14	7° \mathfrak{C} 25'48	1°13'33	
minimum elong	-2600 Mar 05 j 07:41	23° \approx 34'16	7°56'17			-2598 Aug 10 j 07:34	0° \mathfrak{Q}		
min. Earth dist.	-2600 Mar 05 j 00:37	23° \approx 45'31	0.29061 AU		evening rise	-2598 Aug 30 j 01:56	24° \mathfrak{Q} 46'20		
morning rise	-2600 Mar 09 j 05:31	21° \approx 07'29				-2598 Sep 03 j 05:57	0° \mathfrak{m}		
direct	-2600 Mar 26 j 12:54	15° \approx 22'11				-2598 Sep 27 j 04:27	0° \mathfrak{L}		
greatest brilliancy	-2600 Apr 07 j 19:32	18° \approx 02'14	-4.5m		desc. node	-2598 Oct 05 j 09:37	10° \mathfrak{L} 16'52		
desc. node	-2600 Apr 19 j 14:17	24° \approx 31'15				-2598 Oct 21 j 04:38	0° \mathfrak{M}		
	-2600 Apr 27 j 02:09	0° \mathfrak{H}				-2598 Nov 14 j 07:53	0° \mathfrak{J}		
	-2600 May 14 j 08:06	15° \mathfrak{H} 07'04	45°47'24			-2598 Dec 08 j 16:35	0° \mathfrak{C}		
	-2600 May 29 j 05:55	0° \mathfrak{Y}				-2597 Jan 02 j 11:48	0° \approx		
	-2600 Jun 25 j 19:25	0° \mathfrak{C}			asc. node	-2597 Jan 26 j 08:41	27° \approx 56'25		
asc. node	-2600 Jul 21 j 16:50	0° \mathfrak{I}				-2597 Jan 28 j 04:01	0° \mathfrak{H}		
	-2600 Aug 10 j 14:27	23° \mathfrak{I} 52'30				-2597 Feb 24 j 18:13	0° \mathfrak{Y}		
	-2600 Aug 15 j 15:11	0° \mathfrak{C}			evening max el	-2597 Mar 05 j 11:58	8° \mathfrak{Y} 42'03	45°22'25	
	-2600 Sep 08 j 22:40	0° \mathfrak{Q}				-2597 Mar 31 j 03:00	0° \mathfrak{C}		
	-2600 Oct 02 j 21:33	0° \mathfrak{m}			greatest brilliancy	-2597 Apr 08 j 13:55	4° \mathfrak{C} 45'40	-4.5m	
morning set	-2600 Oct 26 j 17:02	0° \mathfrak{L}			retrograde	-2597 Apr 22 j 21:19	8° \mathfrak{C} 18'02		
	-2600 Nov 11 j 09:30	19° \mathfrak{L} 45'38			evening set	-2597 May 08 j 00:26	3° \mathfrak{C} 55'09		
	-2600 Nov 19 j 12:47	0° \mathfrak{M}			inferior conj	-2597 May 14 j 07:37	0° \mathfrak{C} 09'23	0°52'14	
desc. node	-2600 Nov 30 j 07:31	13° \mathfrak{M} 32'39			minimum elong	-2597 May 14 j 09:32	0° \mathfrak{C} 06'25	0°51'43	
	-2600 Dec 13 j 10:37	0° \mathfrak{J}				-2597 May 14 j 13:38	30° \mathfrak{R} \mathfrak{Y}		
					min. Earth dist.	-2597 May 14 j 19:32	29° \mathfrak{Y} 50'48	0.28958 AU	
superior conj	-2600 Dec 23 j 14:03	12° \mathfrak{J} 41'13	0°-50'-52		desc. node	-2597 May 18 j 01:53	27° \mathfrak{Y} 50'30		
minimum elong	-2600 Dec 23 j 02:58	12° \mathfrak{J} 06'36	0°50'31		morning rise	-2597 May 20 j 18:17	26° \mathfrak{Y} 18'04		
max. Earth dist.	-2600 Dec 27 j 22:51	18° \mathfrak{J} 08'23	1.71761 AU		direct	-2597 Jun 05 j 02:42	21° \mathfrak{Y} 49'33		
	-2599 Jan 06 j 11:09	0° \mathfrak{C}			greatest brilliancy	-2597 Jun 19 j 09:58	25° \mathfrak{Y} 23'13	-4.5m	
	-2599 Jan 30 j 14:46	0° \approx				-2597 Jun 27 j 15:17	0° \mathfrak{C}		
evening rise	-2599 Feb 02 j 02:08	3° \approx 03'43			morning max el	-2597 Jul 24 j 10:10	22° \mathfrak{C} 21'18	46°09'09	
	-2599 Feb 23 j 22:12	0° \mathfrak{H}				-2597 Aug 01 j 01:49	0° \mathfrak{I}		
	-2599 Mar 20 j 10:35	0° \mathfrak{Y}				-2597 Aug 28 j 13:57	0° \mathfrak{C}		
asc. node	-2599 Mar 23 j 06:51	3° \mathfrak{Y} 27'43			asc. node	-2597 Sep 08 j 02:16	12° \mathfrak{C} 11'00		
	-2599 Apr 14 j 05:18	0° \mathfrak{C}				-2597 Sep 23 j 01:38	0° \mathfrak{Q}		
	-2599 May 09 j 08:12	0° \mathfrak{I}				-2597 Oct 17 j 14:59	0° \mathfrak{m}		
	-2599 Jun 03 j 23:04	0° \mathfrak{C}				-2597 Nov 10 j 18:29	0° \mathfrak{L}		
	-2599 Jun 30 j 11:02	0° \mathfrak{Q}				-2597 Dec 04 j 19:16	0° \mathfrak{M}		
desc. node	-2599 Jul 12 j 23:24	13° \mathfrak{Q} 34'01			desc. node	-2597 Dec 28 j 19:25	29° \mathfrak{M} 55'05		
	-2599 Jul 28 j 23:31	0° \mathfrak{m}				-2597 Dec 28 j 21:00	0° \mathfrak{J}		
evening max el	-2599 Jul 29 j 23:40	0° \mathfrak{m} 59'09	46°40'30			-2596 Jan 22 j 00:54	0° \mathfrak{C}		
	-2599 Sep 06 j 02:09	0° \mathfrak{L}			morning set	-2596 Jan 28 j 08:08	7° \mathfrak{C} 48'16		
greatest brilliancy	-2599 Sep 07 j 12:33	0° \mathfrak{L} 33'33	-4.6m			-2596 Feb 15 j 06:59	0° \approx		
	-2599 Sep 17 j 23:58	2° \mathfrak{L} 35'23							
retrograde	-2599 Sep 29 j 08:05	30° \mathfrak{R} \mathfrak{m}			superior conj	-2596 Mar 07 j 04:35	25° \approx 46'11	-1°-18'-59	
evening set	-2599 Oct 03 j 23:12	27° \mathfrak{m} 38'42			minimum elong	-2596 Mar 07 j 10:49	26° \approx 05'24	1°18'56	
inferior conj	-2599 Oct 08 j 13:23	24° \mathfrak{m} 55'49	-6°00'-24		max. Earth dist.	-2596 Mar 09 j 04:17	28° \approx 13'02	1.73306 AU	
minimum elong	-2599 Oct 09 j 00:06	24° \mathfrak{m} 39'36	5°57'49			-2596 Mar 10 j 15:03	0° \mathfrak{H}		
min. Earth dist.	-2599 Oct 08 j 22:18	24° \mathfrak{m} 42'19	0.26495 AU			-2596 Apr 04 j 00:52	0° \mathfrak{Y}		
morning rise	-2599 Oct 14 j 00:49	21° \mathfrak{m} 43'43			evening rise	-2596 Apr 13 j 08:04	11° \mathfrak{Y} 24'28		
direct	-2599 Oct 28 j 22:31	17° \mathfrak{m} 19'02			asc. node	-2596 Apr 19 j 18:54	19° \mathfrak{Y} 18'57		
asc. node	-2599 Nov 02 j 23:22	17° \mathfrak{m} 49'29				-2596 Apr 28 j 12:19	0° \mathfrak{C}		
greatest brilliancy	-2599 Nov 10 j 11:22	20° \mathfrak{m} 16'37	-4.7m			-2596 May 23 j 01:19	0° \mathfrak{I}		
	-2599 Nov 25 j 22:16	0° \mathfrak{L}				-2596 May 16 j 16:23	0° \mathfrak{C}		
morning max el	-2599 Dec 18 j 13:48	20° \mathfrak{L} 41'58	46°46'09			-2596 Jul 11 j 11:00	0° \mathfrak{Q}		
	-2599 Dec 27 j 12:53	0° \mathfrak{M}				-2596 Aug 05 j 12:09	0° \mathfrak{m}		
	-2598 Jan 23 j 15:40	0° \mathfrak{J}			desc. node	-2596 Aug 09 j 11:23	4° \mathfrak{m} 42'33		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2596 Aug 31 j 01:23	0°♄				-2593 Apr 19 j 20:53	0°♄	
	-2596 Sep 26 j 16:15	0°♄			max. Earth dist.	-2593 May 12 j 18:24	28°♄04'57	1.73634 AU
evening max el	-2596 Oct 11 j 01:34	15°♄11'18	47°32'09			-2593 May 14 j 07:51	0°♄	
	-2596 Oct 26 j 12:59	0°♄						
greatest brilliancy	-2596 Nov 18 j 04:42	15°♄56'01	-4.7m		superior conj	-2593 May 15 j 01:15	0°♄53'27	0°-7'-37
asc. node	-2596 Nov 30 j 11:01	19°♄03'38			minimum elong	-2593 May 15 j 02:45	0°♄58'04	0°07'32
retrograde	-2596 Dec 01 j 02:48	19°♄04'10			behind sun begin	-2593 May 14 j 07:04	29°♄57'36	
evening set	-2596 Dec 16 j 04:23	14°♄29'14			behind sun end	-2593 May 15 j 22:26	1°♄58'32	
min. Earth dist.	-2596 Dec 20 j 19:51	11°♄41'02	0.27161 AU		asc. node	-2593 May 18 j 06:54	4°♄52'04	
inferior conj	-2596 Dec 21 j 21:37	11°♄00'33	5°03'46			-2593 Jun 07 j 16:44	0°♄	
minimum elong	-2596 Dec 21 j 12:30	11°♄14'54	5°01'24		evening rise	-2593 Jun 19 j 16:45	14°♄48'58	
morning rise	-2596 Dec 26 j 21:24	7°♄58'38				-2593 Jul 01 j 23:30	0°♄	
direct	-2595 Jan 11 j 10:20	3°♄12'46				-2593 Jul 26 j 05:03	0°♄	
greatest brilliancy	-2595 Jan 21 j 22:58	5°♄16'28	-4.6m			-2593 Aug 19 j 11:05	0°♄	
	-2595 Feb 25 j 09:15	0°♄			desc. node	-2593 Sep 06 j 23:33	22°♄49'48	
morning max el	-2595 Mar 01 j 15:39	4°♄03'59	46°07'53			-2593 Sep 12 j 19:33	0°♄	
desc. node	-2595 Mar 22 j 04:49	25°♄03'32				-2593 Oct 07 j 08:44	0°♄	
	-2595 Mar 26 j 19:19	0°♄				-2593 Nov 01 j 06:48	0°♄	
	-2595 Apr 22 j 18:19	0°♄				-2593 Nov 27 j 00:31	0°♄	
	-2595 May 18 j 16:11	0°♄			evening max el	-2593 Dec 22 j 02:26	27°♄07'46	46°39'37
	-2595 Jun 12 j 22:25	0°♄				-2593 Dec 24 j 23:12	0°♄	
	-2595 Jul 07 j 16:29	0°♄			asc. node	-2593 Dec 28 j 22:59	3°♄53'28	
asc. node	-2595 Jul 13 j 04:43	6°♄45'04			greatest brilliancy	-2592 Jan 26 j 15:23	25°♄56'50	-4.6m
	-2595 Aug 01 j 00:28	0°♄			retrograde	-2592 Feb 10 j 10:45	29°♄54'56	
	-2595 Aug 25 j 00:54	0°♄			evening set	-2592 Feb 28 j 04:08	23°♄48'44	
morning set	-2595 Aug 25 j 17:19	0°♄51'30			inferior conj	-2592 Mar 02 j 18:53	21°♄32'17	8°02'44
	-2595 Sep 17 j 20:59	0°♄			minimum elong	-2592 Mar 02 j 23:44	21°♄24'33	8°02'20
					min. Earth dist.	-2592 Mar 02 j 15:41	21°♄37'22	0.29029 AU
superior conj	-2595 Oct 03 j 21:37	20°♄13'02	1°01'10		morning rise	-2592 Mar 06 j 19:31	19°♄01'02	
minimum elong	-2595 Oct 04 j 08:42	20°♄48'00	1°00'49		direct	-2592 Mar 24 j 05:08	13°♄12'08	
max. Earth dist.	-2595 Oct 04 j 04:48	20°♄35'43	1.70944 AU		greatest brilliancy	-2592 Apr 05 j 09:18	15°♄50'19	-4.5m
	-2595 Oct 11 j 15:48	0°♄			desc. node	-2592 Apr 18 j 16:15	23°♄19'38	
desc. node	-2595 Nov 01 j 21:37	26°♄45'03				-2592 Apr 27 j 10:48	0°♄	
	-2595 Nov 04 j 11:39	0°♄			morning max el	-2592 May 12 j 01:03	12°♄59'55	45°47'19
evening rise	-2595 Nov 14 j 21:42	13°♄04'52				-2592 May 28 j 23:44	0°♄	
	-2595 Nov 28 j 09:47	0°♄				-2592 Jun 25 j 09:39	0°♄	
	-2595 Dec 22 j 11:06	0°♄				-2592 Jul 21 j 05:35	0°♄	
	-2594 Jan 15 j 17:08	0°♄			asc. node	-2592 Aug 09 j 16:38	23°♄22'22	
	-2594 Feb 09 j 06:47	0°♄				-2592 Aug 15 j 03:11	0°♄	
asc. node	-2594 Feb 22 j 20:49	16°♄20'37				-2592 Sep 08 j 10:16	0°♄	
	-2594 Mar 06 j 08:41	0°♄				-2592 Oct 02 j 08:56	0°♄	
	-2594 Apr 01 j 06:23	0°♄				-2592 Oct 26 j 04:19	0°♄	
	-2594 Apr 28 j 16:33	0°♄			morning set	-2592 Nov 08 j 19:21	17°♄10'15	
evening max el	-2594 May 15 j 07:51	16°♄41'07	45°21'51			-2592 Nov 18 j 23:59	0°♄	
	-2594 May 30 j 07:34	0°♄			desc. node	-2592 Nov 29 j 09:33	13°♄04'00	
desc. node	-2594 Jun 14 j 13:44	10°♄38'20				-2592 Dec 12 j 21:45	0°♄	
greatest brilliancy	-2594 Jun 21 j 06:17	13°♄51'28	-4.5m					
retrograde	-2594 Jul 03 j 01:00	16°♄19'04			superior conj	-2592 Dec 20 j 23:52	10°♄07'10	0°-47'-41
evening set	-2594 Jul 19 j 16:58	11°♄08'25			minimum elong	-2592 Dec 20 j 13:06	9°♄33'30	0°47'20
inferior conj	-2594 Jul 24 j 04:53	8°♄28'13	-7°-45'-7		max. Earth dist.	-2592 Dec 25 j 09:50	15°♄38'12	1.71709 AU
minimum elong	-2594 Jul 23 j 20:03	8°♄41'41	7°43'49			-2591 Jan 05 j 22:13	0°♄	
min. Earth dist.	-2594 Jul 24 j 13:36	8°♄14'56	0.27958 AU			-2591 Jan 30 j 01:48	0°♄	
morning rise	-2594 Jul 27 j 22:46	6°♄12'56			evening rise	-2591 Jan 30 j 15:19	0°♄41'51	
direct	-2594 Aug 14 j 10:09	0°♄27'12				-2591 Feb 23 j 09:16	0°♄	
greatest brilliancy	-2594 Aug 28 j 18:41	4°♄07'20	-4.6m			-2591 Mar 19 j 21:49	0°♄	
	-2594 Sep 30 j 17:23	0°♄			asc. node	-2591 Mar 22 j 08:55	2°♄59'46	
morning max el	-2594 Oct 03 j 22:09	3°♄12'31	46°46'54			-2591 Apr 13 j 16:55	0°♄	
asc. node	-2594 Oct 05 j 13:53	4°♄54'01				-2591 May 08 j 20:34	0°♄	
	-2594 Oct 28 j 14:25	0°♄				-2591 Jun 03 j 12:50	0°♄	
	-2594 Nov 23 j 05:01	0°♄				-2591 Jun 30 j 03:36	0°♄	
	-2594 Dec 18 j 01:25	0°♄			desc. node	-2591 Jul 12 j 01:32	12°♄49'48	
	-2593 Jan 11 j 16:09	0°♄			evening max el	-2591 Jul 27 j 13:35	28°♄37'45	46°37'21
desc. node	-2593 Jan 25 j 07:24	16°♄39'05				-2591 Jul 28 j 23:30	0°♄	
	-2593 Feb 05 j 05:42	0°♄			greatest brilliancy	-2591 Sep 05 j 01:04	28°♄04'59	-4.6m
	-2593 Mar 01 j 19:11	0°♄				-2591 Sep 13 j 08:07	0°♄	
	-2593 Mar 26 j 08:25	0°♄			retrograde	-2591 Sep 15 j 11:56	0°♄05'29	
morning set	-2593 Apr 08 j 21:57	16°♄35'17				-2591 Sep 17 j 15:09	30°♄	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2591 Oct 01 j 14:28	25° \cap 04'33		minimum elong	-2588 Mar 05 j 02:17	23° \approx 52'08	1°20'03
inferior conj	-2591 Oct 06 j 01:16	22° \cap 26'10	-6°-18'-13	max. Earth dist.	-2588 Mar 06 j 23:24	26° \approx 11'02	1.73263 AU
minimum elong	-2591 Oct 06 j 12:05	22° \cap 09'48	6°15'44		-2588 Mar 10 j 01:47	0° \cap	
min. Earth dist.	-2591 Oct 06 j 10:49	22° \cap 11'43	0.26526 AU		-2588 Apr 03 j 11:35	0° γ	
morning rise	-2591 Oct 11 j 09:33	19° \cap 18'16		evening rise	-2588 Apr 11 j 02:09	9° γ 19'49	
direct	-2591 Oct 26 j 11:22	14° \cap 49'17		asc. node	-2588 Apr 18 j 20:56	18° γ 52'10	
asc. node	-2591 Nov 02 j 01:21	15° \cap 40'40			-2588 Apr 27 j 23:07	0° δ	
greatest brilliancy	-2591 Nov 08 j 00:19	17° \cap 47'00	-4.7m		-2588 May 22 j 12:23	0° Π	
	-2591 Nov 26 j 13:10	0° $\underline{\Delta}$			-2588 Jun 16 j 03:52	0° \ominus	
morning max el	-2591 Dec 16 j 03:04	18° $\underline{\Delta}$ 15'34	46°47'01		-2588 Jul 10 j 23:10	0° Ω	
	-2591 Dec 27 j 08:45	0° \mathbb{M}			-2588 Aug 05 j 01:21	0° \cap	
	-2590 Jan 23 j 07:04	0° \mathcal{A}		desc. node	-2588 Aug 08 j 13:30	4° \cap 09'05	
	-2590 Feb 18 j 03:12	0° $\overline{\mathcal{C}}$			-2588 Aug 30 j 16:25	0° $\underline{\Delta}$	
desc. node	-2590 Feb 21 j 19:13	4° $\overline{\mathcal{C}}$ 18'33			-2588 Sep 26 j 11:08	0° \mathbb{M}	
	-2590 Mar 15 j 12:10	0° \approx		evening max el	-2588 Oct 08 j 14:57	12° \mathbb{M} 45'31	47°31'55
	-2590 Apr 09 j 14:32	0° \cap			-2588 Oct 26 j 21:50	0° \mathcal{A}	
	-2590 May 04 j 11:33	0° γ		greatest brilliancy	-2588 Nov 15 j 21:43	13° \mathcal{A} 34'03	-4.7m
	-2590 May 29 j 03:13	0° δ		retrograde	-2588 Nov 28 j 16:27	16° \mathcal{A} 38'56	
morning set	-2590 Jun 14 j 20:24	20° δ 30'28		asc. node	-2588 Nov 29 j 13:15	16° \mathcal{A} 38'00	
asc. node	-2590 Jun 14 j 18:58	20° δ 26'01		evening set	-2588 Dec 13 j 15:57	12° \mathcal{A} 07'45	
	-2590 Jun 22 j 13:15	0° Π		min. Earth dist.	-2588 Dec 18 j 10:25	9° \mathcal{A} 15'44	0.27092 AU
	-2590 Jul 16 j 17:53	0° \ominus		inferior conj	-2588 Dec 19 j 11:19	8° \mathcal{A} 36'41	4°45'24
max. Earth dist.	-2590 Jul 16 j 22:54	0° \ominus 15'36	1.72336 AU	minimum elong	-2588 Dec 19 j 02:28	8° \mathcal{A} 50'33	4°43'02
				morning rise	-2588 Dec 24 j 13:43	5° \mathcal{A} 31'09	
superior conj	-2590 Jul 21 j 07:08	5° \ominus 40'13	1°12'01	direct	-2587 Jan 08 j 22:39	0° \mathcal{A} 49'51	
minimum elong	-2590 Jul 20 j 23:10	5° \ominus 15'23	1°11'54	greatest brilliancy	-2587 Jan 19 j 13:37	2° \mathcal{A} 55'24	-4.6m
	-2590 Aug 09 j 18:27	0° Ω			-2587 Feb 25 j 09:43	0° $\overline{\mathcal{C}}$	
evening rise	-2590 Aug 27 j 15:40	22° Ω 24'19		morning max el	-2587 Feb 27 j 04:55	1° $\overline{\mathcal{C}}$ 43'56	46°09'19
	-2590 Sep 02 j 17:02	0° \cap		desc. node	-2587 Mar 21 j 06:51	24° $\overline{\mathcal{C}}$ 23'03	
	-2590 Sep 26 j 15:44	0° $\underline{\Delta}$			-2587 Mar 26 j 11:43	0° \approx	
desc. node	-2590 Oct 04 j 11:36	9° $\underline{\Delta}$ 47'31			-2587 Apr 22 j 07:55	0° \cap	
	-2590 Oct 20 j 16:09	0° \mathbb{M}			-2587 May 18 j 04:25	0° γ	
	-2590 Nov 13 j 19:40	0° \mathcal{A}			-2587 Jun 12 j 09:55	0° δ	
	-2590 Dec 08 j 04:48	0° $\overline{\mathcal{C}}$			-2587 Jul 07 j 03:35	0° Π	
	-2589 Jan 02 j 00:49	0° \approx		asc. node	-2587 Jul 12 j 06:52	6° Π 17'44	
asc. node	-2589 Jan 25 j 10:50	27° \approx 21'04			-2587 Jul 31 j 11:23	0° \ominus	
	-2589 Jan 27 j 18:45	0° \cap		morning set	-2587 Aug 23 j 07:53	28° \ominus 32'33	
	-2589 Feb 24 j 13:35	0° γ			-2587 Aug 24 j 11:45	0° Ω	
evening max el	-2589 Mar 03 j 03:17	6° γ 30'14	45°24'00		-2587 Sep 17 j 07:50	0° \cap	
	-2589 Apr 01 j 06:04	0° δ					
greatest brilliancy	-2589 Apr 06 j 06:03	2° δ 37'58	-4.5m	superior conj	-2587 Oct 01 j 08:59	17° \cap 43'07	1°03'44
retrograde	-2589 Apr 20 j 13:16	6° δ 10'54		minimum elong	-2587 Oct 01 j 19:56	18° \cap 17'40	1°03'24
evening set	-2589 May 05 j 18:12	1° δ 46'11		max. Earth dist.	-2587 Oct 01 j 12:23	17° \cap 53'52	1.70964 AU
	-2589 May 08 j 19:46	30° $\mathcal{R}\gamma$			-2587 Oct 11 j 02:43	0° $\underline{\Delta}$	
inferior conj	-2589 May 12 j 00:13	28° γ 01'54	1°11'26	desc. node	-2587 Oct 31 j 23:43	26° $\underline{\Delta}$ 16'59	
minimum elong	-2589 May 12 j 02:47	27° γ 57'51	1°10'44		-2587 Nov 03 j 22:40	0° \mathbb{M}	
min. Earth dist.	-2589 May 12 j 12:35	27° γ 42'32	0.28979 AU	evening rise	-2587 Nov 12 j 06:46	10° \mathbb{M} 28'08	
desc. node	-2589 May 17 j 03:59	24° γ 53'23			-2587 Nov 27 j 20:55	0° \mathcal{A}	
morning rise	-2589 May 18 j 10:59	24° γ 09'51			-2587 Dec 21 j 22:20	0° $\overline{\mathcal{C}}$	
direct	-2589 Jun 02 j 18:56	19° γ 41'41			-2586 Jan 15 j 04:32	0° \approx	
greatest brilliancy	-2589 Jun 17 j 00:53	23° γ 12'57	-4.5m		-2586 Feb 08 j 18:33	0° \cap	
	-2589 Jun 28 j 11:54	0° δ		asc. node	-2586 Feb 21 j 22:51	15° \cap 50'30	
morning max el	-2589 Jul 22 j 00:50	20° δ 07'01	46°07'51		-2586 Mar 05 j 21:13	0° γ	
	-2589 Jul 31 j 20:55	0° Π			-2586 Mar 31 j 20:33	0° δ	
	-2589 Aug 28 j 04:40	0° \ominus			-2586 Apr 28 j 10:38	0° Π	
asc. node	-2589 Sep 07 j 04:22	11° \ominus 36'23		evening max el	-2586 May 12 j 22:48	14° Π 27'59	45°20'30
	-2589 Sep 22 j 14:42	0° Ω			-2586 May 30 j 17:58	0° \ominus	
	-2589 Oct 17 j 03:16	0° \cap		desc. node	-2586 Jun 13 j 15:56	9° \ominus 11'43	
	-2589 Nov 10 j 06:18	0° $\underline{\Delta}$		greatest brilliancy	-2586 Jun 18 j 16:20	11° \ominus 31'27	-4.5m
	-2589 Dec 04 j 06:46	0° \mathbb{M}		retrograde	-2586 Jun 30 j 15:28	14° \ominus 03'02	
desc. node	-2589 Dec 27 j 21:39	29° \mathbb{M} 27'04		evening set	-2586 Jul 17 j 03:24	8° \ominus 57'00	
	-2589 Dec 28 j 08:14	0° \mathcal{A}		inferior conj	-2586 Jul 21 j 19:08	6° \ominus 11'21	-7°-34'-5
	-2588 Jan 21 j 11:55	0° $\overline{\mathcal{C}}$		minimum elong	-2586 Jul 21 j 09:53	6° \ominus 25'26	7°32'37
morning set	-2588 Jan 25 j 20:31	5° $\overline{\mathcal{C}}$ 24'02		min. Earth dist.	-2586 Jul 22 j 03:18	5° \ominus 58'55	0.28002 AU
	-2588 Feb 14 j 17:51	0° \approx		morning rise	-2586 Jul 25 j 16:03	3° \ominus 51'49	
					-2586 Aug 02 j 11:26	30° $\mathcal{R}\Pi$	
superior conj	-2588 Mar 04 j 20:36	23° \approx 34'39	-1°-20'-5	direct	-2586 Aug 12 j 01:23	28° Π 09'30	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2586 Aug 22 j 00:40	0°☿			-2583 Feb 22 j 20:19	0°♄		
greatest brilliancy	-2586 Aug 26 j 10:56	1°☿51'18	-4.6m		-2583 Mar 19 j 09:05	0°♄		
	-2586 Sep 30 j 16:14	0°♌		asc. node	-2583 Mar 21 j 10:57	2°♄31'36		
morning max el	-2586 Oct 01 j 13:30	0°♌53'45	46°46'04		-2583 Apr 13 j 04:36	0°♄		
asc. node	-2586 Oct 04 j 15:54	4°♌04'26			-2583 May 08 j 09:03	0°♌		
	-2586 Oct 28 j 06:38	0°♍			-2583 Jun 03 j 02:46	0°☿		
	-2586 Nov 22 j 18:55	0°♎			-2583 Jun 29 j 20:30	0°♌		
	-2586 Dec 17 j 14:10	0°♍		desc. node	-2583 Jul 11 j 03:38	12°♌04'56		
	-2585 Jan 11 j 04:13	0°♎		evening max el	-2583 Jul 25 j 02:56	26°♌15'03	46°34'14	
desc. node	-2585 Jan 24 j 09:27	16°♎09'25			-2583 Jul 29 j 00:39	0°♍		
	-2585 Feb 04 j 17:16	0°♏		greatest brilliancy	-2583 Sep 02 j 14:20	25°♍37'37	-4.6m	
	-2585 Mar 01 j 06:22	0°♐		retrograde	-2583 Sep 12 j 23:22	27°♍35'58		
	-2585 Mar 25 j 19:19	0°♑		evening set	-2583 Sep 29 j 05:52	22°♍30'45		
morning set	-2585 Apr 06 j 15:49	14°♑30'00		inferior conj	-2583 Oct 03 j 13:17	19°♍56'59	-6°-35'-15	
	-2585 Apr 19 j 07:36	0°♒		minimum elong	-2583 Oct 04 j 00:05	19°♍40'35	6°32'53	
max. Earth dist.	-2585 May 10 j 18:35	26°♒19'00	1.73651 AU	min. Earth dist.	-2583 Oct 03 j 23:44	19°♍41'07	0.26560 AU	
				morning rise	-2583 Oct 08 j 18:09	16°♍53'23		
superior conj	-2585 May 12 j 19:55	28°♒50'34	0°-10'-41	direct	-2583 Oct 23 j 23:51	12°♍19'43		
minimum elong	-2585 May 12 j 22:02	28°♒57'02	0°10'34	asc. node	-2583 Nov 01 j 03:36	13°♍37'18		
behind sun begin	-2585 May 12 j 05:21	28°♒05'46		greatest brilliancy	-2583 Nov 05 j 14:00	15°♍18'14	-4.7m	
behind sun end	-2585 May 13 j 14:43	29°♒48'17			-2583 Nov 27 j 00:21	0°♎		
	-2585 May 13 j 18:32	0°♑		morning max el	-2583 Dec 13 j 15:34	15°♎46'55	46°47'56	
asc. node	-2585 May 17 j 09:05	4°♑25'59			-2583 Dec 27 j 04:05	0°♍		
	-2585 Jun 07 j 03:29	0°♒			-2582 Jan 22 j 22:16	0°♎		
evening rise	-2585 Jun 17 j 11:48	12°♒46'16			-2582 Feb 17 j 16:31	0°♏		
	-2585 Jul 01 j 10:25	0°☿		desc. node	-2582 Feb 20 j 21:15	3°♏45'50		
	-2585 Jul 25 j 16:14	0°♌			-2582 Mar 15 j 00:27	0°♐		
	-2585 Aug 18 j 22:39	0°♍			-2582 Apr 09 j 02:10	0°♑		
desc. node	-2585 Sep 06 j 01:34	22°♍19'17			-2582 May 03 j 22:47	0°♒		
	-2585 Sep 12 j 07:37	0°♎			-2582 May 28 j 14:14	0°♑		
	-2585 Oct 06 j 21:29	0°♍		morning set	-2582 Jun 12 j 14:38	18°♑25'17		
	-2585 Oct 31 j 20:39	0°♎		asc. node	-2582 Jun 13 j 21:04	19°♑58'53		
	-2585 Nov 26 j 16:38	0°♏			-2582 Jun 22 j 00:09	0°♒		
evening max el	-2585 Dec 19 j 18:57	24°♏54'02	46°42'27	max. Earth dist.	-2582 Jul 14 j 14:26	28°♒00'40	1.72397 AU	
	-2585 Dec 24 j 22:04	0°♐			-2582 Jul 16 j 04:47	0°☿		
asc. node	-2585 Dec 28 j 01:05	3°♐00'02						
greatest brilliancy	-2584 Jan 24 j 08:49	23°♐46'34	-4.6m	superior conj	-2582 Jul 19 j 00:17	3°☿30'06	1°10'17	
retrograde	-2584 Feb 08 j 04:04	27°♐44'04		minimum elong	-2582 Jul 18 j 16:03	3°☿04'28	1°10'08	
evening set	-2584 Feb 25 j 21:59	21°♐35'47			-2582 Aug 09 j 05:28	0°♌		
inferior conj	-2584 Feb 29 j 11:23	19°♐21'15	8°08'05	evening rise	-2582 Aug 25 j 05:34	20°♌02'37		
minimum elong	-2584 Feb 29 j 15:37	19°♐14'29	8°07'45		-2582 Sep 02 j 04:14	0°♍		
min. Earth dist.	-2584 Feb 29 j 06:34	19°♐28'55	0.28996 AU		-2582 Sep 26 j 03:09	0°♎		
morning rise	-2584 Mar 04 j 09:30	16°♐53'54		desc. node	-2582 Oct 03 j 13:43	9°♎18'12		
direct	-2584 Mar 21 j 21:36	11°♐01'52			-2582 Oct 20 j 03:48	0°♍		
greatest brilliancy	-2584 Apr 02 j 22:07	13°♐37'03	-4.5m		-2582 Nov 13 j 07:38	0°♎		
desc. node	-2584 Apr 17 j 18:21	22°♐10'11			-2582 Dec 07 j 17:14	0°♏		
	-2584 Apr 27 j 17:04	0°♑			-2581 Jan 01 j 14:04	0°♐		
morning max el	-2584 May 09 j 17:45	10°♑52'10	45°47'17	asc. node	-2581 Jan 24 j 12:53	26°♐44'50		
	-2584 May 28 j 17:08	0°♒			-2581 Jan 27 j 09:47	0°♑		
	-2584 Jun 24 j 23:40	0°♑			-2581 Feb 24 j 09:41	0°♒		
	-2584 Jul 20 j 18:07	0°♒		evening max el	-2581 Feb 28 j 17:50	4°♒16'05	45°25'38	
asc. node	-2584 Aug 08 j 18:38	22°♒52'11			-2581 Apr 02 j 21:34	0°♑		
	-2584 Aug 14 j 15:00	0°☿		greatest brilliancy	-2581 Apr 03 j 20:47	0°♑27'54	-4.5m	
	-2584 Sep 07 j 21:43	0°♌		retrograde	-2581 Apr 18 j 05:11	4°♑03'14		
	-2584 Oct 01 j 20:13	0°♍			-2581 May 02 j 18:13	30°♒♄		
	-2584 Oct 25 j 15:30	0°♎		evening set	-2581 May 03 j 12:00	29°♒36'05		
morning set	-2584 Nov 06 j 05:39	14°♎36'33		inferior conj	-2581 May 09 j 16:45	25°♒53'38	1°30'34	
	-2584 Nov 18 j 11:06	0°♍		minimum elong	-2581 May 09 j 20:00	25°♒48'33	1°29'40	
desc. node	-2584 Nov 28 j 11:46	12°♍36'13		min. Earth dist.	-2581 May 10 j 05:43	25°♒33'20	0.29006 AU	
	-2584 Dec 12 j 08:47	0°♎		morning rise	-2581 May 16 j 03:30	22°♒01'09		
				desc. node	-2581 May 16 j 06:11	21°♒57'29		
superior conj	-2584 Dec 18 j 09:56	7°♎34'09	0°-44'-25	direct	-2581 May 31 j 10:57	17°♒32'43		
minimum elong	-2584 Dec 17 j 23:34	7°♎01'43	0°44'04	greatest brilliancy	-2581 Jun 14 j 17:00	21°♒03'16	-4.5m	
max. Earth dist.	-2584 Dec 22 j 23:00	13°♎15'01	1.71656 AU		-2581 Jun 29 j 03:44	0°♑		
	-2583 Jan 05 j 09:11	0°♏		morning max el	-2581 Jul 19 j 15:57	17°♑52'54	46°06'38	
evening rise	-2583 Jan 28 j 04:32	28°♏20'13			-2581 Jul 31 j 15:54	0°♒		
	-2583 Jan 29 j 12:45	0°♐			-2581 Aug 27 j 19:32	0°☿		

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2581 Sep 06 j 06:27	11° ☿ 01'04		-2578 Mar 31 j 11:15	0° ♄	
	-2581 Sep 22 j 03:56	0° ♄		-2578 Apr 28 j 05:34	0° ♁	
	-2581 Oct 16 j 15:42	0° ♁	evening max el	-2578 May 10 j 14:27	12° ♁ 15'45	45°19'13
	-2581 Nov 09 j 18:16	0° ♁		-2578 May 31 j 08:25	0° ☿	
	-2581 Dec 03 j 18:27	0° ♁	desc. node	-2578 Jun 12 j 17:55	7° ☿ 40'57	
desc. node	-2581 Dec 26 j 23:37	28° ♁ 57'29	greatest brilliancy	-2578 Jun 16 j 02:48	9° ☿ 11'16	-4.5m
	-2581 Dec 27 j 19:42	0° ♁	retrograde	-2578 Jun 28 j 05:52	11° ☿ 46'07	
	-2580 Jan 20 j 23:12	0° ☿	evening set	-2578 Jul 14 j 13:58	6° ☿ 44'51	
morning set	-2580 Jan 23 j 08:41	2° ☿ 58'10	inferior conj	-2578 Jul 19 j 09:24	3° ☿ 53'41	-7°-22'-19
	-2580 Feb 14 j 04:58	0° ☿	minimum elong	-2578 Jul 18 j 23:50	4° ☿ 08'16	7°20'41
			min. Earth dist.	-2578 Jul 19 j 16:56	3° ☿ 42'12	0.28047 AU
superior conj	-2580 Mar 02 j 12:34	21° ☿ 22'07	morning rise	-2578 Jul 23 j 09:24	1° ☿ 29'38	
minimum elong	-2580 Mar 02 j 17:39	21° ☿ 37'44		-2578 Jul 26 j 01:48	30° ♁	
max. Earth dist.	-2580 Mar 04 j 16:46	24° ☿ 02'53	direct	-2578 Aug 09 j 16:59	25° ♁ 51'10	
	-2580 Mar 09 j 12:47	0° ♁	greatest brilliancy	-2578 Aug 24 j 02:13	29° ♁ 33'03	-4.6m
	-2580 Apr 02 j 22:33	0° ♁		-2578 Aug 25 j 00:06	0° ☿	
evening rise	-2580 Apr 08 j 20:13	7° ♁ 14'22	morning max el	-2578 Sep 29 j 04:41	28° ☿ 33'21	46°44'59
asc. node	-2580 Apr 17 j 23:09	18° ♁ 25'08		-2578 Sep 30 j 14:43	0° ♄	
	-2580 Apr 27 j 10:13	0° ♄	asc. node	-2578 Oct 03 j 18:08	3° ♄ 14'57	
	-2580 May 21 j 23:46	0° ♁		-2578 Oct 27 j 23:05	0° ♁	
	-2580 Jun 15 j 15:44	0° ☿		-2578 Nov 22 j 09:09	0° ♁	
	-2580 Jul 10 j 11:45	0° ♄		-2578 Dec 17 j 03:16	0° ♁	
	-2580 Aug 04 j 15:04	0° ♁	desc. node	-2577 Jan 10 j 16:34	0° ♁	
desc. node	-2580 Aug 07 j 15:29	3° ♁ 33'53		-2577 Jan 23 j 11:31	15° ♁ 38'55	
	-2580 Aug 30 j 08:02	0° ☿		-2577 Feb 04 j 05:07	0° ☿	
	-2580 Sep 26 j 06:54	0° ♁		-2577 Feb 28 j 17:50	0° ☿	
evening max el	-2580 Oct 06 j 04:24	10° ♁ 19'08		-2577 Mar 25 j 06:32	0° ♁	
	-2580 Oct 27 j 10:10	0° ♁	morning set	-2577 Apr 04 j 09:41	12° ♁ 23'43	
greatest brilliancy	-2580 Nov 13 j 13:42	11° ♁ 09'45		-2577 Apr 18 j 18:40	0° ♁	
retrograde	-2580 Nov 26 j 06:23	14° ♁ 12'46	max. Earth dist.	-2577 May 08 j 18:01	24° ♁ 29'49	1.73664 AU
asc. node	-2580 Nov 28 j 15:21	14° ♁ 05'42				
evening set	-2580 Dec 11 j 03:37	9° ♁ 44'39	superior conj	-2577 May 10 j 14:43	26° ♁ 47'04	0°-13'-44
min. Earth dist.	-2580 Dec 16 j 00:44	6° ♁ 49'26	minimum elong	-2577 May 10 j 17:25	26° ♁ 55'20	0°13'34
inferior conj	-2580 Dec 17 j 00:56	6° ♁ 11'36	behind sun begin	-2577 May 10 j 05:55	26° ♁ 20'04	
minimum elong	-2580 Dec 16 j 16:27	6° ♁ 24'52	behind sun end	-2577 May 11 j 04:54	27° ♁ 30'37	
morning rise	-2580 Dec 22 j 05:58	3° ♁ 02'45		-2577 May 13 j 05:31	0° ♄	
	-2580 Dec 28 j 17:26	30° ♁	asc. node	-2577 May 16 j 11:11	3° ♄ 58'39	
direct	-2579 Jan 06 j 11:06	28° ♁ 25'31		-2577 Jun 06 j 14:31	0° ♁	
	-2579 Jan 15 j 14:45	0° ♁	evening rise	-2577 Jun 15 j 07:03	10° ♁ 43'15	
greatest brilliancy	-2579 Jan 17 j 04:12	0° ♁ 33'13		-2577 Jun 30 j 21:36	0° ☿	
morning max el	-2579 Feb 24 j 19:13	29° ♁ 25'23		-2577 Jul 25 j 03:43	0° ♄	
	-2579 Feb 25 j 09:28	0° ☿		-2577 Aug 18 j 10:33	0° ♁	
desc. node	-2579 Mar 20 j 08:55	23° ☿ 42'11	desc. node	-2577 Sep 05 j 03:42	21° ♁ 48'07	
	-2579 Mar 26 j 04:11	0° ☿		-2577 Sep 11 j 20:04	0° ☿	
	-2579 Apr 21 j 21:42	0° ♁		-2577 Oct 06 j 10:41	0° ♁	
	-2579 May 17 j 16:55	0° ♁		-2577 Oct 31 j 11:04	0° ♁	
	-2579 Jun 11 j 21:43	0° ♄		-2577 Nov 26 j 09:28	0° ☿	
	-2579 Jul 06 j 15:02	0° ♁	evening max el	-2577 Dec 17 j 11:21	22° ☿ 38'42	46°45'24
asc. node	-2579 Jul 11 j 08:52	5° ♁ 48'58		-2577 Dec 24 j 22:26	0° ☿	
	-2579 Jul 30 j 22:40	0° ☿	asc. node	-2577 Dec 27 j 03:06	2° ☿ 04'18	
morning set	-2579 Aug 20 j 22:20	26° ☿ 12'05	greatest brilliancy	-2576 Jan 22 j 03:16	21° ☿ 36'28	-4.6m
	-2579 Aug 23 j 23:00	0° ♄	retrograde	-2576 Feb 05 j 21:04	25° ☿ 31'53	
	-2579 Sep 16 j 19:06	0° ♁	evening set	-2576 Feb 23 j 15:38	19° ☿ 22'11	
			inferior conj	-2576 Feb 27 j 03:51	17° ☿ 09'09	8°12'44
superior conj	-2579 Sep 28 j 20:10	15° ♁ 11'23	minimum elong	-2576 Feb 27 j 07:28	17° ☿ 03'24	8°12'29
minimum elong	-2579 Sep 29 j 06:53	15° ♁ 45'11	min. Earth dist.	-2576 Feb 26 j 21:33	17° ☿ 19'13	0.28956 AU
max. Earth dist.	-2579 Sep 28 j 20:27	15° ♁ 12'15	morning rise	-2576 Mar 01 j 23:33	14° ☿ 45'22	
	-2579 Oct 10 j 14:02	0° ☿	direct	-2576 Mar 19 j 13:57	8° ☿ 50'45	
desc. node	-2579 Oct 31 j 01:53	25° ☿ 48'01	greatest brilliancy	-2576 Mar 31 j 10:15	11° ☿ 21'59	-4.5m
	-2579 Nov 03 j 10:04	0° ♁	desc. node	-2576 Apr 16 j 20:36	21° ☿ 02'07	
evening rise	-2579 Nov 09 j 15:36	7° ♁ 49'32		-2576 Apr 27 j 21:41	0° ♁	
	-2579 Nov 27 j 08:22	0° ☿	morning max el	-2576 May 07 j 09:45	8° ♁ 41'59	45°47'16
	-2579 Dec 21 j 09:53	0° ☿		-2576 May 28 j 10:27	0° ♁	
	-2578 Jan 14 j 16:17	0° ☿		-2576 Jun 24 j 13:47	0° ♄	
	-2578 Feb 08 j 06:42	0° ♁		-2576 Jul 20 j 06:49	0° ♁	
asc. node	-2578 Feb 21 j 00:56	15° ♁ 19'19	asc. node	-2576 Aug 07 j 20:47	22° ♁ 21'58	
	-2578 Mar 05 j 10:12	0° ♁		-2576 Aug 14 j 02:58	0° ☿	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2576 Sep 07 j 09:20	0°♈		retrograde	-2573 Apr 15 j 21:38	1°♌56'04	
	-2576 Oct 01 j 07:40	0°♍			-2573 Apr 25 j 19:41	30°♎♎	
	-2576 Oct 25 j 02:54	0°♎		evening set	-2573 May 01 j 06:01	27°♎26'07	
morning set	-2576 Nov 03 j 15:47	12°♎01'27		inferior conj	-2573 May 07 j 09:22	23°♎45'41	1°49'28
	-2576 Nov 17 j 22:27	0°♏		minimum elong	-2573 May 07 j 13:16	23°♎39'35	1°48'23
desc. node	-2576 Nov 27 j 13:46	12°♏06'56		min. Earth dist.	-2573 May 07 j 22:40	23°♎24'53	0.29032 AU
	-2576 Dec 11 j 20:04	0°♐		morning rise	-2573 May 13 j 20:01	19°♎53'17	
				desc. node	-2573 May 15 j 08:10	19°♎05'14	
superior conj	-2576 Dec 15 j 19:28	4°♐58'32	0°-41'00	direct	-2573 May 29 j 03:09	15°♎24'07	
minimum elong	-2576 Dec 15 j 09:37	4°♐27'44	0°40'40	greatest brilliancy	-2573 Jun 12 j 09:49	18°♎55'03	-4.5m
max. Earth dist.	-2576 Dec 20 j 10:36	10°♐46'01	1.71602 AU		-2573 Jun 29 j 15:22	0°♏	
	-2575 Jan 04 j 20:25	0°♑		morning max el	-2573 Jul 17 j 07:58	15°♏41'35	46°05'26
evening rise	-2575 Jan 25 j 17:06	25°♑55'41			-2573 Jul 31 j 10:15	0°♐	
	-2575 Jan 28 j 23:57	0°♒			-2573 Aug 27 j 10:06	0°♑	
	-2575 Feb 22 j 07:34	0°♓		asc. node	-2573 Sep 05 j 08:37	10°♑26'39	
	-2575 Mar 18 j 20:33	0°♈			-2573 Sep 21 j 16:57	0°♒	
asc. node	-2575 Mar 20 j 13:09	2°♈03'22			-2573 Oct 16 j 03:56	0°♓	
	-2575 Apr 12 j 16:31	0°♉			-2573 Nov 09 j 06:02	0°♎	
	-2575 May 07 j 21:47	0°♐			-2573 Dec 03 j 05:54	0°♏	
	-2575 Jun 02 j 17:02	0°♑		desc. node	-2573 Dec 26 j 01:42	28°♏28'57	
	-2575 Jun 29 j 13:53	0°♒			-2573 Dec 27 j 06:56	0°♐	
desc. node	-2575 Jul 10 j 05:42	11°♒19'07			-2572 Jan 20 j 10:16	0°♑	
evening max el	-2575 Jul 22 j 15:28	23°♒50'16	46°31'08	morning set	-2572 Jan 20 j 20:49	0°♑32'43	
	-2575 Jul 29 j 03:13	0°♓			-2572 Feb 13 j 15:53	0°♒	
greatest brilliancy	-2575 Aug 31 j 03:54	23°♓10'50	-4.6m				
retrograde	-2575 Sep 10 j 10:30	25°♓07'03		superior conj	-2572 Feb 29 j 04:23	19°♓09'30	-1°-21'-55
evening set	-2575 Sep 26 j 21:21	19°♓57'20		minimum elong	-2572 Feb 29 j 08:49	19°♓23'11	1°21'56
inferior conj	-2575 Oct 01 j 01:27	17°♓28'23	-6°-51'-16	max. Earth dist.	-2572 Mar 02 j 08:56	21°♓51'28	1.73177 AU
minimum elong	-2575 Oct 01 j 12:11	17°♓12'05	6°49'01		-2572 Mar 08 j 23:36	0°♈	
min. Earth dist.	-2575 Oct 01 j 13:01	17°♓10'49	0.26598 AU		-2572 Apr 02 j 09:22	0°♉	
morning rise	-2575 Oct 06 j 02:46	14°♓29'20		evening rise	-2572 Apr 06 j 14:05	5°♉08'49	
direct	-2575 Oct 21 j 12:02	9°♓50'26		asc. node	-2572 Apr 17 j 01:11	17°♉58'05	
asc. node	-2575 Oct 31 j 05:41	11°♓39'06			-2572 Apr 26 j 21:08	0°♊	
greatest brilliancy	-2575 Nov 03 j 04:44	12°♓50'56	-4.7m		-2572 May 21 j 10:58	0°♐	
	-2575 Nov 27 j 08:40	0°♎			-2572 Jun 15 j 03:26	0°♑	
morning max el	-2575 Dec 11 j 03:49	13°♎17'07	46°48'42		-2572 Jul 10 j 00:11	0°♒	
	-2575 Dec 26 j 23:01	0°♏			-2572 Aug 04 j 04:39	0°♓	
	-2574 Jan 22 j 13:26	0°♐		desc. node	-2572 Aug 06 j 17:40	2°♓59'45	
	-2574 Feb 17 j 05:54	0°♑			-2572 Aug 29 j 23:39	0°♎	
desc. node	-2574 Feb 19 j 23:24	3°♑13'09			-2572 Sep 26 j 02:59	0°♏	
	-2574 Mar 14 j 12:47	0°♒		evening max el	-2572 Oct 03 j 19:01	7°♏56'38	47°31'41
	-2574 Apr 08 j 13:51	0°♓			-2572 Oct 28 j 02:02	0°♐	
	-2574 May 03 j 10:03	0°♈		greatest brilliancy	-2572 Nov 11 j 04:59	8°♐45'35	-4.7m
	-2574 May 28 j 01:14	0°♉		retrograde	-2572 Nov 23 j 20:49	11°♐47'44	
morning set	-2574 Jun 10 j 08:53	16°♑20'09		asc. node	-2572 Nov 27 j 17:21	11°♐28'57	
asc. node	-2574 Jun 12 j 23:03	19°♑31'20		evening set	-2572 Dec 08 j 15:33	7°♑22'22	
	-2574 Jun 21 j 11:04	0°♐		min. Earth dist.	-2572 Dec 13 j 14:50	4°♑24'34	0.26959 AU
max. Earth dist.	-2574 Jul 12 j 07:43	25°♐51'06	1.72459 AU	inferior conj	-2572 Dec 14 j 14:35	3°♑47'34	4°06'43
	-2574 Jul 15 j 15:44	0°♑		minimum elong	-2572 Dec 14 j 06:31	4°♑00'08	4°04'25
				morning rise	-2572 Dec 19 j 22:11	0°♑35'43	
superior conj	-2574 Jul 16 j 17:39	1°♑20'41	1°08'27		-2572 Dec 21 j 00:18	30°♒♏	
minimum elong	-2574 Jul 16 j 09:12	0°♑54'23	1°08'17	direct	-2571 Jan 04 j 00:13	26°♏02'24	
	-2574 Aug 08 j 16:31	0°♒		greatest brilliancy	-2571 Jan 14 j 18:04	28°♏11'28	-4.6m
evening rise	-2574 Aug 22 j 20:00	17°♒42'39			-2571 Jan 18 j 21:02	0°♐	
	-2574 Sep 01 j 15:25	0°♓		morning max el	-2571 Feb 22 j 10:19	27°♐09'52	46°12'06
	-2574 Sep 25 j 14:31	0°♎			-2571 Feb 25 j 07:45	0°♑	
desc. node	-2574 Oct 02 j 15:53	8°♎49'12		desc. node	-2571 Mar 19 j 11:08	23°♑03'13	
	-2574 Oct 19 j 15:24	0°♏			-2571 Mar 25 j 19:58	0°♒	
	-2574 Nov 12 j 19:33	0°♐			-2571 Apr 21 j 11:04	0°♓	
	-2574 Dec 07 j 05:39	0°♑			-2571 May 17 j 05:03	0°♈	
	-2573 Jan 01 j 03:23	0°♒			-2571 Jun 11 j 09:12	0°♉	
asc. node	-2573 Jan 23 j 15:00	26°♒08'34			-2571 Jul 06 j 02:09	0°♐	
	-2573 Jan 27 j 01:02	0°♓		asc. node	-2571 Jul 10 j 11:03	5°♐21'42	
	-2573 Feb 24 j 06:29	0°♈			-2571 Jul 30 j 09:37	0°♑	
evening max el	-2573 Feb 26 j 08:29	2°♈02'05	45°27'29	morning set	-2571 Aug 18 j 12:58	23°♑53'28	
greatest brilliancy	-2573 Apr 01 j 11:01	28°♈17'22	-4.5m		-2571 Aug 23 j 09:54	0°♒	
	-2573 Apr 05 j 13:40	0°♉			-2571 Sep 16 j 06:02	0°♓	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

superior conj	-2571 Sep 26 j 07:39	12° \mathbb{M} 41'35	1°08'29	morning rise	-2568 Feb 28 j 13:48	12° \approx 37'36	
minimum elong	-2571 Sep 26 j 18:01	13° \mathbb{M} 14'18	1°08'12	direct	-2568 Mar 17 j 05:53	6° \approx 40'49	
max. Earth dist.	-2571 Sep 26 j 03:58	12° \mathbb{M} 29'59	1.71002 AU	greatest brilliancy	-2568 Mar 28 j 22:50	9° \approx 08'32	-4.5m
	-2571 Oct 10 j 01:03	0° $\underline{\mathbf{A}}$		desc. node	-2568 Apr 15 j 22:32	19° \approx 56'36	
desc. node	-2571 Oct 30 j 03:53	25° $\underline{\mathbf{A}}$ 19'26			-2568 Apr 28 j 00:02	0° \mathbb{X}	
	-2571 Nov 02 j 21:10	0° \mathbb{M}		morning max el	-2568 May 05 j 00:48	6° \mathbb{X} 30'41	45°47'22
evening rise	-2571 Nov 07 j 00:33	5° \mathbb{M} 12'06			-2568 May 28 j 02:57	0° \mathbb{Y}	
	-2571 Nov 26 j 19:32	0° \mathbb{X}			-2568 Jun 24 j 03:21	0° \mathbb{B}	
	-2571 Dec 20 j 21:07	0° \mathbb{C}			-2568 Jul 19 j 19:06	0° \mathbb{I}	
	-2570 Jan 14 j 03:40	0° \approx		asc. node	-2568 Aug 06 j 22:56	21° \mathbb{I} 52'42	
	-2570 Feb 07 j 18:30	0° \mathbb{X}			-2568 Aug 13 j 14:37	0° \mathbb{S}	
asc. node	-2570 Feb 20 j 03:08	14° \mathbb{X} 49'41			-2568 Sep 06 j 20:39	0° \mathbb{Q}	
	-2570 Mar 04 j 22:50	0° \mathbb{Y}			-2568 Sep 30 j 18:51	0° \mathbb{M}	
	-2570 Mar 31 j 01:42	0° \mathbb{B}			-2568 Oct 24 j 13:59	0° $\underline{\mathbf{A}}$	
	-2570 Apr 28 j 00:35	0° \mathbb{I}		morning set	-2568 Nov 01 j 01:54	9° $\underline{\mathbf{A}}$ 27'14	
evening max el	-2570 May 08 j 06:30	10° \mathbb{I} 05'33	45°17'52		-2568 Nov 17 j 09:29	0° \mathbb{M}	
	-2570 Jun 01 j 03:02	0° \mathbb{S}		desc. node	-2568 Nov 26 j 15:50	11° \mathbb{M} 38'47	
desc. node	-2570 Jun 11 j 20:03	6° \mathbb{S} 08'27			-2568 Dec 11 j 07:04	0° \mathbb{X}	
greatest brilliancy	-2570 Jun 13 j 14:43	6° \mathbb{S} 54'08	-4.5m				
retrograde	-2570 Jun 25 j 20:04	9° \mathbb{S} 30'43		superior conj	-2568 Dec 13 j 04:54	2° \mathbb{X} 23'30	0°-37'-29
evening set	-2570 Jul 12 j 00:50	4° \mathbb{S} 34'26		minimum elong	-2568 Dec 12 j 19:41	1° \mathbb{X} 54'37	0°37'10
inferior conj	-2570 Jul 16 j 23:52	1° \mathbb{S} 37'49	-7°-9'-50	max. Earth dist.	-2568 Dec 17 j 20:25	8° \mathbb{X} 12'19	1.71550 AU
minimum elong	-2570 Jul 16 j 14:02	1° \mathbb{S} 52'49	7°08'05		-2567 Jan 04 j 07:23	0° \mathbb{C}	
min. Earth dist.	-2570 Jul 17 j 06:56	1° \mathbb{S} 27'01	0.28088 AU	evening rise	-2567 Jan 23 j 05:30	23° \mathbb{C} 31'20	
	-2570 Jul 19 j 16:22	30° \mathbb{R} \mathbb{I}			-2567 Jan 28 j 10:55	0° \approx	
morning rise	-2570 Jul 21 j 02:56	29° \mathbb{I} 09'05			-2567 Feb 21 j 18:36	0° \mathbb{X}	
direct	-2570 Aug 07 j 08:37	23° \mathbb{I} 34'48			-2567 Mar 18 j 07:46	0° \mathbb{Y}	
greatest brilliancy	-2570 Aug 21 j 16:47	27° \mathbb{I} 15'24	-4.6m	asc. node	-2567 Mar 19 j 15:14	1° \mathbb{Y} 35'36	
	-2570 Aug 26 j 18:05	0° \mathbb{S}			-2567 Apr 12 j 04:09	0° \mathbb{B}	
morning max el	-2570 Sep 26 j 18:57	26° \mathbb{S} 12'06	46°43'47		-2567 May 07 j 10:16	0° \mathbb{I}	
	-2570 Sep 30 j 11:53	0° \mathbb{Q}			-2567 Jun 02 j 07:06	0° \mathbb{S}	
asc. node	-2570 Oct 02 j 20:14	2° \mathbb{Q} 27'14			-2567 Jun 29 j 07:20	0° \mathbb{Q}	
	-2570 Oct 27 j 14:51	0° \mathbb{M}		desc. node	-2567 Jul 09 j 07:51	10° \mathbb{Q} 33'37	
	-2570 Nov 21 j 22:52	0° $\underline{\mathbf{A}}$		evening max el	-2567 Jul 20 j 03:14	21° \mathbb{Q} 24'27	46°27'55
	-2570 Dec 16 j 15:55	0° \mathbb{M}			-2567 Jul 29 j 07:06	0° \mathbb{M}	
	-2569 Jan 10 j 04:31	0° \mathbb{X}		greatest brilliancy	-2567 Aug 28 j 17:08	20° \mathbb{M} 44'17	-4.6m
desc. node	-2569 Jan 22 j 13:41	15° \mathbb{X} 09'52		retrograde	-2567 Sep 07 j 21:40	22° \mathbb{M} 39'03	
	-2569 Feb 03 j 16:32	0° \mathbb{C}		evening set	-2567 Sep 24 j 12:47	17° \mathbb{M} 24'27	
	-2569 Feb 28 j 04:52	0° \approx		inferior conj	-2567 Sep 28 j 13:38	15° \mathbb{M} 00'27	-7°-6'-17
	-2569 Mar 24 j 17:18	0° \mathbb{X}		minimum elong	-2567 Sep 29 j 00:12	14° \mathbb{M} 44'25	7°04'13
morning set	-2569 Apr 02 j 03:45	10° \mathbb{X} 19'25		min. Earth dist.	-2567 Sep 29 j 02:18	14° \mathbb{M} 41'12	0.26641 AU
	-2569 Apr 18 j 05:17	0° \mathbb{Y}		morning rise	-2567 Oct 03 j 11:17	12° \mathbb{M} 06'25	
max. Earth dist.	-2569 May 06 j 16:32	22° \mathbb{Y} 39'06	1.73678 AU	direct	-2567 Oct 19 j 00:13	7° \mathbb{M} 21'33	
				asc. node	-2567 Oct 30 j 07:43	9° \mathbb{M} 46'07	
superior conj	-2569 May 08 j 09:42	24° \mathbb{Y} 45'27	0°-16'-43	greatest brilliancy	-2567 Oct 31 j 20:27	10° \mathbb{M} 25'32	-4.7m
minimum elong	-2569 May 08 j 12:58	24° \mathbb{Y} 55'29	0°16'33		-2567 Nov 27 j 14:25	0° $\underline{\mathbf{A}}$	
	-2569 May 12 j 16:07	0° \mathbb{B}		morning max el	-2567 Dec 08 j 16:22	10° $\underline{\mathbf{A}}$ 48'35	46°49'30
asc. node	-2569 May 15 j 13:13	3° \mathbb{B} 32'18			-2567 Dec 26 j 17:15	0° \mathbb{M}	
	-2569 Jun 06 j 01:11	0° \mathbb{I}			-2566 Jan 22 j 04:12	0° \mathbb{X}	
evening rise	-2569 Jun 13 j 02:23	8° \mathbb{I} 41'40			-2566 Feb 16 j 19:00	0° \mathbb{C}	
	-2569 Jun 30 j 08:27	0° \mathbb{S}		desc. node	-2566 Feb 19 j 01:29	2° \mathbb{C} 41'00	
	-2569 Jul 24 j 14:52	0° \mathbb{Q}			-2566 Mar 14 j 00:55	0° \approx	
	-2569 Aug 17 j 22:06	0° \mathbb{M}			-2566 Apr 08 j 01:21	0° \mathbb{X}	
desc. node	-2569 Sep 04 j 05:49	21° \mathbb{M} 18'00			-2566 May 02 j 21:08	0° \mathbb{Y}	
	-2569 Sep 11 j 08:11	0° $\underline{\mathbf{A}}$			-2566 May 27 j 12:04	0° \mathbb{B}	
	-2569 Oct 05 j 23:35	0° \mathbb{M}		morning set	-2566 Jun 08 j 03:29	14° \mathbb{B} 16'38	
	-2569 Oct 31 j 01:14	0° \mathbb{X}		asc. node	-2566 Jun 12 j 01:18	19° \mathbb{B} 05'08	
	-2569 Nov 26 j 02:16	0° \mathbb{C}			-2566 Jun 20 j 21:47	0° \mathbb{I}	
evening max el	-2569 Dec 15 j 03:07	20° \mathbb{C} 22'29	46°48'11	max. Earth dist.	-2566 Jul 10 j 03:50	23° \mathbb{I} 51'02	1.72521 AU
	-2569 Dec 24 j 23:37	0° \approx					
asc. node	-2569 Dec 26 j 05:21	1° \approx 08'52		superior conj	-2566 Jul 14 j 11:19	29° \mathbb{I} 12'46	1°06'31
greatest brilliancy	-2568 Jan 19 j 22:21	19° \approx 27'54	-4.6m	minimum elong	-2566 Jul 14 j 02:43	28° \mathbb{I} 46'00	1°06'21
retrograde	-2568 Feb 03 j 13:39	23° \approx 20'34			-2566 Jul 15 j 02:30	0° \mathbb{S}	
evening set	-2568 Feb 21 j 09:02	17° \approx 10'05			-2566 Aug 08 j 03:25	0° \mathbb{Q}	
inferior conj	-2568 Feb 24 j 20:22	14° \approx 58'14	8°16'38	evening rise	-2566 Aug 20 j 10:45	15° \mathbb{Q} 24'10	
minimum elong	-2568 Feb 24 j 23:18	14° \approx 53'33	8°16'28		-2566 Sep 01 j 02:31	0° \mathbb{M}	
min. Earth dist.	-2568 Feb 24 j 12:55	15° \approx 10'10	0.28910 AU		-2566 Sep 25 j 01:50	0° $\underline{\mathbf{A}}$	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2566 Oct 01 j 17:52	8°♌19'48		-2563 Apr 21 j 00:35	0°♈	
	-2566 Oct 19 j 02:59	0°♌		-2563 May 16 j 17:24	0°♍	
	-2566 Nov 12 j 07:29	0°♏		-2563 Jun 10 j 20:54	0°♎	
	-2566 Dec 06 j 18:06	0°♐		-2563 Jul 05 j 13:29	0°♑	
	-2566 Dec 31 j 16:46	0°♒		-2563 Jul 09 j 13:11	4°♒53'33	
asc. node	-2565 Jan 22 j 17:10	25°♑32'09		-2563 Jul 29 j 20:46	0°♓	
	-2565 Jan 26 j 16:29	0°♈		-2563 Aug 16 j 04:01	21°♓35'34	
evening max el	-2565 Feb 23 j 23:34	29°♈49'07	45°29'26	-2563 Aug 22 j 20:59	0°♏	
	-2565 Feb 24 j 04:03	0°♍		-2563 Sep 15 j 17:08	0°♐	
greatest brilliancy	-2565 Mar 30 j 01:16	26°♍06'47	-4.5m			
retrograde	-2565 Apr 13 j 14:32	29°♍48'43		superior conj	-2563 Sep 23 j 19:43	10°♐13'13 1°10'36
evening set	-2565 Apr 29 j 00:05	25°♍15'50		minimum elong	-2563 Sep 24 j 05:41	10°♐44'37 1°10'21
inferior conj	-2565 May 05 j 01:54	21°♍37'28	2°08'12	max. Earth dist.	-2563 Sep 23 j 10:20	9°♐43'37 1.71022 AU
minimum elong	-2565 May 05 j 06:25	21°♍30'24	2°06'59		-2563 Oct 09 j 12:14	0°♑
min. Earth dist.	-2565 May 05 j 15:12	21°♍16'40	0.29054 AU	desc. node	-2563 Oct 29 j 06:00	24°♑50'41
morning rise	-2565 May 11 j 12:17	17°♍45'35			-2563 Nov 02 j 08:27	0°♒
desc. node	-2565 May 14 j 10:18	16°♍15'49		evening rise	-2563 Nov 04 j 09:41	2°♒34'37
direct	-2565 May 26 j 19:40	13°♍15'23			-2563 Nov 26 j 06:55	0°♏
greatest brilliancy	-2565 Jun 10 j 02:23	16°♍46'44	-4.5m		-2563 Dec 20 j 08:38	0°♐
	-2565 Jun 29 j 23:54	0°♎			-2562 Jan 13 j 15:25	0°♑
morning max el	-2565 Jul 15 j 00:37	13°♎32'13	46°04'22		-2562 Feb 07 j 06:41	0°♈
	-2565 Jul 31 j 04:04	0°♒		asc. node	-2562 Feb 19 j 05:10	14°♈18'21
	-2565 Aug 27 j 00:25	0°♓			-2562 Mar 04 j 11:57	0°♍
asc. node	-2565 Sep 04 j 10:42	9°♓52'25			-2562 Mar 30 j 16:45	0°♎
	-2565 Sep 21 j 05:52	0°♏			-2562 Apr 27 j 20:39	0°♑
	-2565 Oct 15 j 16:08	0°♐		evening max el	-2562 May 05 j 21:46	7°♑52'18 45°16'37
	-2565 Nov 08 j 17:51	0°♑			-2562 Jun 02 j 05:10	0°♓
	-2565 Dec 02 j 17:27	0°♒		desc. node	-2562 Jun 10 j 22:14	4°♓31'25
desc. node	-2565 Dec 25 j 03:55	28°♒00'28		greatest brilliancy	-2562 Jun 11 j 03:39	4°♓36'58 -4.5m
	-2565 Dec 26 j 18:17	0°♏		retrograde	-2562 Jun 23 j 09:45	7°♓14'13
morning set	-2564 Jan 18 j 08:23	28°♏05'04		evening set	-2562 Jul 09 j 11:47	2°♓22'50
	-2564 Jan 19 j 21:26	0°♐			-2562 Jul 13 j 12:46	30°♒♒
	-2564 Feb 13 j 02:53	0°♑		inferior conj	-2562 Jul 14 j 14:17	29°♒21'00 -6°-56'-49
				minimum elong	-2562 Jul 14 j 04:15	29°♒36'21 6°54'56
superior conj	-2564 Feb 26 j 19:42	16°♑55'03	-1°-22'-39	min. Earth dist.	-2562 Jul 14 j 21:17	29°♒10'16 0.28125 AU
minimum elong	-2564 Feb 26 j 23:28	17°♑06'39	1°22'41	morning rise	-2562 Jul 18 j 20:24	26°♒47'30
max. Earth dist.	-2564 Feb 29 j 02:20	19°♑43'28	1.73136 AU	direct	-2562 Aug 04 j 23:44	21°♒17'24
	-2564 Mar 08 j 10:31	0°♈		greatest brilliancy	-2562 Aug 19 j 07:17	24°♒56'36 -4.6m
	-2564 Apr 01 j 20:17	0°♍			-2562 Aug 27 j 23:37	0°♓
evening rise	-2564 Apr 04 j 07:45	3°♍02'19		morning max el	-2562 Sep 24 j 08:15	23°♓47'37 46°42'50
asc. node	-2564 Apr 16 j 03:15	17°♍30'43			-2562 Sep 30 j 08:39	0°♏
	-2564 Apr 26 j 08:12	0°♎		asc. node	-2562 Oct 01 j 22:17	1°♏39'17
	-2564 May 20 j 22:20	0°♑			-2562 Oct 27 j 06:37	0°♐
	-2564 Jun 14 j 15:14	0°♓			-2562 Nov 21 j 12:41	0°♑
	-2564 Jul 09 j 12:43	0°♏			-2562 Dec 16 j 04:43	0°♒
	-2564 Aug 03 j 18:23	0°♐			-2561 Jan 09 j 16:41	0°♏
desc. node	-2564 Aug 05 j 19:46	2°♐25'10		desc. node	-2561 Jan 21 j 15:43	14°♏39'34
	-2564 Aug 29 j 15:32	0°♑			-2561 Feb 03 j 04:16	0°♐
	-2564 Sep 25 j 23:50	0°♒			-2561 Feb 27 j 16:16	0°♑
evening max el	-2564 Oct 01 j 10:14	5°♒35'20	47°31'11		-2561 Mar 24 j 04:28	0°♈
	-2564 Oct 28 j 23:47	0°♏		morning set	-2561 Mar 30 j 21:19	8°♈12'18
greatest brilliancy	-2564 Nov 08 j 19:52	6°♏19'48	-4.7m		-2561 Apr 17 j 16:19	0°♍
retrograde	-2564 Nov 21 j 11:10	9°♏20'47		max. Earth dist.	-2561 May 04 j 13:19	20°♍41'53 1.73689 AU
asc. node	-2564 Nov 26 j 19:36	8°♏44'27				
evening set	-2564 Dec 06 j 03:23	4°♏58'06		superior conj	-2561 May 06 j 04:17	22°♍41'29 0°-19'-44
min. Earth dist.	-2564 Dec 11 j 04:29	1°♏57'53	0.26898 AU	minimum elong	-2561 May 06 j 08:07	22°♍53'15 0°19'33
inferior conj	-2564 Dec 12 j 03:54	1°♏21'30	3°46'19		-2561 May 12 j 03:06	0°♎
minimum elong	-2564 Dec 11 j 20:19	1°♏33'17	3°44'06	asc. node	-2561 May 14 j 15:25	3°♎05'18
	-2564 Dec 14 j 08:42	30°♒♒			-2561 Jun 05 j 12:14	0°♑
morning rise	-2564 Dec 17 j 14:02	28°♒06'45		evening rise	-2561 Jun 10 j 21:26	6°♑38'10
direct	-2563 Jan 01 j 13:30	23°♒37'27			-2561 Jun 29 j 19:42	0°♓
greatest brilliancy	-2563 Jan 12 j 07:08	25°♒47'02	-4.6m		-2561 Jul 24 j 02:25	0°♏
	-2563 Jan 20 j 19:12	0°♏			-2561 Aug 17 j 10:05	0°♐
morning max el	-2563 Feb 20 j 01:12	24°♏52'38	46°13'24	desc. node	-2561 Sep 03 j 07:49	20°♐46'19
	-2563 Feb 25 j 05:36	0°♐			-2561 Sep 10 j 20:42	0°♑
desc. node	-2563 Mar 18 j 13:09	22°♐23'11			-2561 Oct 05 j 12:51	0°♒
	-2563 Mar 25 j 11:50	0°♑			-2561 Oct 30 j 15:47	0°♏

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2561 Nov 25 j 19:36	0°☾				-2558 Jun 20 j 08:47	0°♊	
evening max el	-2561 Dec 12 j 17:48	18°☾02'39	46°50'52	max. Earth dist.	-2558 Jul 07 j 23:51	21°♊49'49	1.72579 AU	
asc. node	-2561 Dec 25 j 07:25	0°≈11'08						
	-2561 Dec 25 j 02:31	0°≈		superior conj	-2558 Jul 12 j 04:47	27°♊03'31	1°04'30	
greatest brilliancy	-2560 Jan 17 j 16:45	17°≈17'16	-4.6m	minimum elong	-2558 Jul 11 j 20:05	26°♊36'28	1°04'18	
retrograde	-2560 Feb 01 j 05:47	21°≈08'08			-2558 Jul 14 j 13:31	0°☾		
evening set	-2560 Feb 19 j 02:07	14°≈57'07			-2558 Aug 07 j 14:33	0°♊		
min. Earth dist.	-2560 Feb 22 j 04:29	12°≈59'32	0.28869 AU	evening rise	-2558 Aug 18 j 01:26	13°♊04'50		
inferior conj	-2560 Feb 22 j 12:52	12°≈46'06	8°19'52		-2558 Aug 31 j 13:50	0°♋		
minimum elong	-2560 Feb 22 j 15:05	12°≈42'32	8°19'44		-2558 Sep 24 j 13:23	0°♌		
morning rise	-2560 Feb 26 j 04:17	10°≈28'21		desc. node	-2558 Sep 30 j 19:59	7°♌50'07		
direct	-2560 Mar 14 j 21:26	4°≈29'26			-2558 Oct 18 j 14:49	0°♍		
greatest brilliancy	-2560 Mar 26 j 12:45	6°≈55'07	-4.5m		-2558 Nov 11 j 19:41	0°♎		
desc. node	-2560 Apr 15 j 00:42	18°≈51'49			-2558 Dec 06 j 06:48	0°☾		
	-2560 Apr 28 j 01:37	0°♋			-2558 Dec 31 j 06:24	0°≈		
morning max el	-2560 May 02 j 15:27	4°♋16'55	45°47'29	asc. node	-2557 Jan 21 j 19:13	24°≈54'53		
	-2560 May 27 j 19:39	0°♌			-2557 Jan 26 j 08:14	0°♋		
	-2560 Jun 23 j 17:15	0°♍		evening max el	-2557 Feb 21 j 15:31	27°♋38'15	45°31'33	
	-2560 Jul 19 j 07:43	0°♊			-2557 Feb 24 j 02:28	0°♌		
asc. node	-2560 Aug 06 j 00:58	21°♊22'00		greatest brilliancy	-2557 Mar 27 j 16:11	23°♌57'21	-4.5m	
	-2560 Aug 13 j 02:35	0°☾		retrograde	-2557 Apr 11 j 07:50	27°♌41'38		
	-2560 Sep 06 j 08:19	0°♊		evening set	-2557 Apr 26 j 18:30	23°♌05'54		
	-2560 Sep 30 j 06:21	0°♋		inferior conj	-2557 May 02 j 18:36	19°♌29'30	2°26'39	
	-2560 Oct 24 j 01:25	0°♌		minimum elong	-2557 May 02 j 23:43	19°♌21'31	2°25'16	
morning set	-2560 Oct 29 j 12:14	6°♌52'31		min. Earth dist.	-2557 May 03 j 07:32	19°♌09'18	0.29078 AU	
	-2560 Nov 16 j 20:49	0°♍		morning rise	-2557 May 09 j 04:36	15°♌38'21		
desc. node	-2560 Nov 25 j 18:02	11°♍10'09		desc. node	-2557 May 13 j 12:29	13°♌30'33		
				direct	-2557 May 24 j 12:50	11°♌07'04		
superior conj	-2560 Dec 10 j 14:39	29°♍48'32	0°-33'-55	greatest brilliancy	-2557 Jun 07 j 18:34	14°♌37'59	-4.5m	
minimum elong	-2560 Dec 10 j 06:06	29°♍21'44	0°33'36		-2557 Jun 30 j 06:12	0°♍		
	-2560 Dec 10 j 18:19	0°♎		morning max el	-2557 Jul 12 j 17:44	11°♎23'42	46°03'05	
max. Earth dist.	-2560 Dec 15 j 04:16	5°♎31'35	1.71493 AU		-2557 Jul 30 j 21:42	0°♊		
	-2559 Jan 03 j 18:35	0°☾			-2557 Aug 26 j 14:48	0°☾		
evening rise	-2559 Jan 20 j 18:09	21°☾06'58		asc. node	-2557 Sep 03 j 12:48	9°☾17'52		
	-2559 Jan 27 j 22:07	0°≈			-2557 Sep 20 j 18:51	0°♊		
	-2559 Feb 21 j 05:53	0°♋			-2557 Oct 15 j 04:25	0°♋		
	-2559 Mar 17 j 19:17	0°♌			-2557 Nov 08 j 05:43	0°♌		
asc. node	-2559 Mar 18 j 17:16	1°♌06'44			-2557 Dec 02 j 05:05	0°♍		
	-2559 Apr 11 j 16:10	0°♍		desc. node	-2557 Dec 24 j 05:53	27°♍30'54		
	-2559 May 06 j 23:11	0°♊			-2557 Dec 26 j 05:43	0°♎		
	-2559 Jun 01 j 21:44	0°☾		morning set	-2556 Jan 15 j 19:57	25°♎37'01		
	-2559 Jun 29 j 01:37	0°♊			-2556 Jan 19 j 08:40	0°☾		
desc. node	-2559 Jul 08 j 09:55	9°♊46'03			-2556 Feb 12 j 13:57	0°≈		
evening max el	-2559 Jul 17 j 14:51	18°♊57'27	46°24'52					
	-2559 Jul 29 j 13:23	0°♋		superior conj	-2556 Feb 24 j 11:07	14°≈40'35	-1°-23'-16	
greatest brilliancy	-2559 Aug 26 j 05:11	18°♋15'31	-4.6m	minimum elong	-2556 Feb 24 j 14:08	14°≈49'56	1°23'18	
retrograde	-2559 Sep 05 j 09:14	20°♋10'09		max. Earth dist.	-2556 Feb 26 j 21:28	17°≈40'34	1.73088 AU	
evening set	-2559 Sep 22 j 04:05	14°♋50'15			-2556 Mar 07 j 21:27	0°♋		
inferior conj	-2559 Sep 26 j 01:42	12°♋31'12	-7°-20'-32		-2556 Apr 01 j 07:13	0°♌		
minimum elong	-2559 Sep 26 j 12:00	12°♋15'35	7°18'37	evening rise	-2556 Apr 02 j 01:38	0°♌56'29		
min. Earth dist.	-2559 Sep 26 j 15:08	12°♋10'50	0.26687 AU	asc. node	-2556 Apr 15 j 05:29	17°♌03'56		
morning rise	-2559 Sep 30 j 19:36	9°♋42'41			-2556 Apr 25 j 19:16	0°♍		
direct	-2559 Oct 16 j 12:36	4°♋51'18			-2556 May 20 j 09:41	0°♊		
asc. node	-2559 Oct 29 j 09:59	7°♋56'38			-2556 Jun 14 j 03:07	0°☾		
greatest brilliancy	-2559 Oct 29 j 12:14	7°♋59'12	-4.7m		-2556 Jul 09 j 01:23	0°♊		
	-2559 Nov 27 j 18:42	0°♌			-2556 Aug 03 j 08:20	0°♋		
morning max el	-2559 Dec 06 j 05:53	8°♌21'30	46°50'29	desc. node	-2556 Aug 04 j 21:46	1°♋49'45		
	-2559 Dec 26 j 11:22	0°♍			-2556 Aug 29 j 07:47	0°♌		
	-2558 Jan 21 j 19:01	0°♎			-2556 Sep 25 j 21:31	0°♍		
	-2558 Feb 16 j 08:11	0°☾		evening max el	-2556 Sep 29 j 01:42	3°♍14'28	47°30'35	
desc. node	-2558 Feb 18 j 03:32	2°☾08'21			-2556 Oct 30 j 05:45	0°♎		
	-2558 Mar 13 j 13:09	0°≈		greatest brilliancy	-2556 Nov 06 j 11:28	3°♎54'41	-4.7m	
	-2558 Apr 07 j 13:00	0°♋		retrograde	-2556 Nov 19 j 01:21	6°♎53'11		
	-2558 May 02 j 08:24	0°♌		asc. node	-2556 Nov 25 j 21:40	5°♎53'48		
	-2558 May 26 j 23:08	0°♍		evening set	-2556 Dec 03 j 15:23	2°♎33'18		
morning set	-2558 Jun 05 j 22:00	12°♎12'10			-2556 Dec 07 j 23:12	30°♍		
asc. node	-2558 Jun 11 j 03:23	18°♎37'36		min. Earth dist.	-2556 Dec 08 j 18:12	29°♍30'36	0.26836 AU	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2556 Dec 09 j 17:05	28° M 55'02	3°25'20	asc. node	-2553 May 13 j 17:30	2° B 38'45	
minimum elong	-2556 Dec 09 j 10:05	29° M 05'56	3°23'13		-2553 Jun 04 j 22:59	0° II	
morning rise	-2556 Dec 15 j 05:38	25° M 37'20		evening rise	-2553 Jun 08 j 16:50	4° II 36'47	
direct	-2556 Dec 30 j 02:49	21° M 12'16			-2553 Jun 29 j 06:37	0° S	
greatest brilliancy	-2555 Jan 09 j 19:49	23° M 21'44	-4.6m		-2553 Jul 23 j 13:40	0° Ω	
	-2555 Jan 22 j 02:38	0° A			-2553 Aug 16 j 21:46	0° M	
morning max el	-2555 Feb 17 j 15:22	22° A 33'32	46°14'47	desc. node	-2553 Sep 02 j 10:00	20° M 16'02	
	-2555 Feb 25 j 02:39	0° S			-2553 Sep 10 j 08:59	0° A	
desc. node	-2555 Mar 17 j 15:15	21° S 43'58			-2553 Oct 05 j 02:00	0° M	
	-2555 Mar 25 j 03:22	0° \approx			-2553 Oct 30 j 06:21	0° A	
	-2555 Apr 20 j 13:53	0° H			-2553 Nov 25 j 13:13	0° S	
	-2555 May 16 j 05:33	0° Y		evening max el	-2553 Dec 10 j 07:45	15° S 40'59	46°53'36
	-2555 Jun 10 j 08:25	0° B		asc. node	-2553 Dec 24 j 09:28	29° S 12'12	
	-2555 Jul 05 j 00:41	0° II			-2553 Dec 25 j 07:02	0° \approx	
asc. node	-2555 Jul 08 j 15:13	4° II 25'31		greatest brilliancy	-2552 Jan 15 j 10:21	15° \approx 05'25	-4.6m
	-2555 Jul 29 j 07:49	0° S		retrograde	-2552 Jan 29 j 21:56	18° \approx 55'38	
morning set	-2555 Aug 13 j 19:04	19° S 17'55		evening set	-2552 Feb 16 j 18:43	12° \approx 44'16	
	-2555 Aug 22 j 08:00	0° Ω		inferior conj	-2552 Feb 20 j 05:09	10° \approx 33'50	8°22'21
	-2555 Sep 15 j 04:13	0° M		minimum elong	-2552 Feb 20 j 06:39	10° \approx 31'26	8°22'16
max. Earth dist.	-2555 Sep 20 j 13:20	6° M 46'52	1.71049 AU	min. Earth dist.	-2552 Feb 19 j 19:53	10° \approx 48'41	0.28823 AU
				morning rise	-2552 Feb 23 j 18:48	8° \approx 18'46	
superior conj	-2555 Sep 21 j 07:45	7° M 44'54	1°12'35	direct	-2552 Mar 12 j 12:26	2° \approx 17'53	
minimum elong	-2555 Sep 21 j 17:14	8° M 14'46	1°12'22	greatest brilliancy	-2552 Mar 24 j 03:10	4° \approx 42'38	-4.5m
	-2555 Oct 08 j 23:24	0° A		desc. node	-2552 Apr 14 j 02:54	17° \approx 49'21	
desc. node	-2555 Oct 28 j 08:10	24° A 22'12			-2552 Apr 28 j 01:37	0° H	
evening rise	-2555 Nov 01 j 18:26	29° A 56'05		morning max el	-2552 Apr 30 j 06:23	2° H 04'35	45°47'49
	-2555 Nov 01 j 19:41	0° M			-2552 May 27 j 11:41	0° Y	
	-2555 Nov 25 j 18:14	0° A			-2552 Jun 23 j 06:39	0° B	
	-2555 Dec 19 j 20:04	0° S			-2552 Jul 18 j 19:54	0° II	
	-2554 Jan 13 j 03:05	0° \approx		asc. node	-2552 Aug 05 j 03:07	20° II 52'54	
	-2554 Feb 06 j 18:49	0° H			-2552 Aug 12 j 14:08	0° S	
asc. node	-2554 Feb 18 j 07:16	13° H 47'35			-2552 Sep 05 j 19:33	0° Ω	
	-2554 Mar 04 j 00:59	0° Y			-2552 Sep 29 j 17:28	0° M	
	-2554 Mar 30 j 07:46	0° B			-2552 Oct 23 j 12:29	0° A	
	-2554 Apr 27 j 16:58	0° II		morning set	-2552 Oct 26 j 22:43	4° A 19'23	
evening max el	-2554 May 03 j 12:28	5° II 38'44	45°15'36		-2552 Nov 16 j 07:51	0° M	
	-2554 Jun 03 j 16:52	0° S		desc. node	-2552 Nov 24 j 20:03	10° M 41'45	
greatest brilliancy	-2554 Jun 08 j 16:44	2° S 21'36	-4.5m				
desc. node	-2554 Jun 10 j 00:13	2° S 52'15		superior conj	-2552 Dec 07 j 23:54	27° M 12'40	0°-30'-13
retrograde	-2554 Jun 20 j 23:34	5° S 00'01		minimum elong	-2552 Dec 07 j 16:07	26° M 48'16	0°29'57
evening set	-2554 Jul 06 j 23:14	0° S 13'01			-2552 Dec 10 j 05:20	0° A	
	-2554 Jul 07 j 08:32	30° R II		max. Earth dist.	-2552 Dec 12 j 08:57	2° A 41'35	1.71447 AU
inferior conj	-2554 Jul 12 j 05:07	27° II 06'23	-6°-43'-17		-2551 Jan 03 j 05:34	0° S	
minimum elong	-2554 Jul 11 j 18:56	27° II 21'59	6°41'16	evening rise	-2551 Jan 18 j 06:06	18° S 41'03	
min. Earth dist.	-2554 Jul 12 j 12:19	26° II 55'21	0.28166 AU		-2551 Jan 27 j 09:07	0° \approx	
morning rise	-2554 Jul 16 j 14:15	24° II 28'11			-2551 Feb 20 j 16:56	0° H	
direct	-2554 Aug 02 j 14:43	19° II 02'00			-2551 Mar 17 j 06:34	0° Y	
greatest brilliancy	-2554 Aug 16 j 22:56	22° II 40'51	-4.6m	asc. node	-2551 Mar 17 j 19:29	0° Y 39'12	
	-2554 Aug 28 j 20:27	0° S			-2551 Apr 11 j 03:56	0° B	
morning max el	-2554 Sep 21 j 21:16	21° S 23'12	46°41'34		-2551 May 06 j 11:54	0° II	
	-2554 Sep 30 j 04:33	0° Ω			-2551 Jun 01 j 12:12	0° S	
asc. node	-2554 Oct 01 j 00:31	0° Ω 53'10			-2551 Jun 28 j 19:55	0° Ω	
	-2554 Oct 26 j 22:03	0° M		desc. node	-2551 Jul 07 j 12:00	8° Ω 59'03	
	-2554 Nov 21 j 02:19	0° A		evening max el	-2551 Jul 15 j 03:32	16° Ω 34'41	46°22'01
	-2554 Dec 15 j 17:22	0° M			-2551 Jul 29 j 21:16	0° M	
	-2553 Jan 09 j 04:41	0° A		greatest brilliancy	-2551 Aug 23 j 16:22	15° M 48'06	-4.6m
desc. node	-2553 Jan 20 j 17:48	14° A 09'55		retrograde	-2551 Sep 02 j 21:43	17° M 43'43	
	-2553 Feb 02 j 15:47	0° S		evening set	-2551 Sep 19 j 19:35	12° M 18'33	
	-2553 Feb 27 j 03:26	0° \approx		inferior conj	-2551 Sep 23 j 14:00	10° M 04'15	-7°-33'-43
	-2553 Mar 23 j 15:24	0° H		minimum elong	-2551 Sep 24 j 00:00	9° M 49'08	7°31'59
morning set	-2553 Mar 28 j 14:47	6° H 05'31		min. Earth dist.	-2551 Sep 24 j 03:42	9° M 43'33	0.26734 AU
	-2553 Apr 17 j 03:06	0° Y		morning rise	-2551 Sep 28 j 04:07	7° M 21'24	
max. Earth dist.	-2553 May 02 j 08:59	18° Y 42'04	1.73695 AU	direct	-2551 Oct 14 j 01:43	2° M 23'32	
				greatest brilliancy	-2551 Oct 27 j 03:13	5° M 34'02	-4.7m
superior conj	-2553 May 03 j 23:05	20° Y 38'58	0°-22'-42	asc. node	-2551 Oct 28 j 12:01	6° M 13'07	
minimum elong	-2553 May 04 j 03:28	20° Y 52'25	0°22'29		-2551 Nov 27 j 20:47	0° A	
	-2553 May 11 j 13:49	0° B		morning max el	-2551 Dec 03 j 20:20	5° A 58'07	46°51'02

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2551 Dec 26 j 04:43	0°♌			-2548 Aug 29 j 00:10	0°♊		
	-2550 Jan 21 j 09:24	0°♏			-2548 Sep 25 j 19:49	0°♌		
	-2550 Feb 15 j 21:06	0°♎		evening max el	-2548 Sep 26 j 16:55	0°♌53'28	47°29'51	
desc. node	-2550 Feb 17 j 05:41	1°♎36'38			-2548 Nov 01 j 00:37	0°♏		
	-2550 Mar 13 j 01:10	0°♍		greatest brilliancy	-2548 Nov 04 j 04:06	1°♏31'30	-4.7m	
	-2550 Apr 07 j 00:24	0°♐		retrograde	-2548 Nov 16 j 15:07	4°♏26'10		
	-2550 May 01 j 19:24	0°♑		asc. node	-2548 Nov 24 j 23:41	2°♏58'16		
	-2550 May 26 j 09:54	0°♒		evening set	-2548 Dec 01 j 03:39	0°♏09'05		
morning set	-2550 Jun 03 j 16:24	10°♒08'18			-2548 Dec 01 j 10:13	30°♌		
asc. node	-2550 Jun 10 j 05:23	18°♒10'45		min. Earth dist.	-2548 Dec 06 j 08:15	27°♌03'45	0.26772 AU	
	-2550 Jun 19 j 19:29	0°♑		inferior conj	-2548 Dec 07 j 06:19	26°♌29'28	3°03'52	
max. Earth dist.	-2550 Jul 05 j 18:38	19°♑45'53	1.72634 AU	minimum elong	-2548 Dec 06 j 23:55	26°♌39'24	3°01'55	
				morning rise	-2548 Dec 12 j 21:04	23°♌08'49		
superior conj	-2550 Jul 09 j 22:20	24°♑55'27	1°02'23	direct	-2548 Dec 27 j 15:51	18°♌48'03		
minimum elong	-2550 Jul 09 j 13:34	24°♑28'15	1°02'10	greatest brilliancy	-2547 Jan 07 j 08:41	20°♌57'23	-4.6m	
	-2550 Jul 14 j 00:16	0°♑			-2547 Jan 23 j 00:51	0°♏		
	-2550 Aug 07 j 01:25	0°♒		morning max el	-2547 Feb 15 j 04:31	20°♏12'35	46°16'03	
evening rise	-2550 Aug 15 j 16:30	10°♒47'36			-2547 Feb 24 j 22:41	0°♎		
	-2550 Aug 31 j 00:51	0°♑		desc. node	-2547 Mar 16 j 17:26	21°♎05'58		
	-2550 Sep 24 j 00:35	0°♊			-2547 Mar 24 j 18:29	0°♍		
desc. node	-2550 Sep 29 j 22:08	7°♊21'39			-2547 Apr 20 j 02:58	0°♐		
	-2550 Oct 18 j 02:17	0°♌			-2547 May 15 j 17:36	0°♑		
	-2550 Nov 11 j 07:31	0°♏			-2547 Jun 09 j 19:53	0°♒		
	-2550 Dec 05 j 19:12	0°♎			-2547 Jul 04 j 11:48	0°♑		
	-2550 Dec 30 j 19:51	0°♍		asc. node	-2547 Jul 07 j 17:23	3°♑58'05		
asc. node	-2549 Jan 20 j 21:21	24°♍18'08			-2547 Jul 28 j 18:47	0°♑		
	-2549 Jan 26 j 00:02	0°♐		morning set	-2547 Aug 11 j 09:56	17°♑00'08		
evening max el	-2549 Feb 19 j 08:00	25°♐28'50	45°33'34		-2547 Aug 21 j 18:56	0°♒		
	-2549 Feb 24 j 01:43	0°♑			-2547 Sep 14 j 15:12	0°♑		
greatest brilliancy	-2549 Mar 25 j 08:23	21°♑49'33	-4.5m	max. Earth dist.	-2547 Sep 17 j 16:31	3°♑50'57	1.71080 AU	
retrograde	-2549 Apr 09 j 00:46	25°♑34'10						
evening set	-2549 Apr 24 j 12:52	20°♑55'48		superior conj	-2547 Sep 18 j 19:53	5°♑17'11	1°14'25	
inferior conj	-2549 Apr 30 j 11:07	17°♑21'25	2°45'00	minimum elong	-2547 Sep 19 j 04:48	5°♑45'17	1°14'14	
minimum elong	-2549 Apr 30 j 16:47	17°♑12'32	2°43'29		-2547 Oct 08 j 10:30	0°♊		
min. Earth dist.	-2549 Apr 30 j 23:37	17°♑01'50	0.29097 AU	desc. node	-2547 Oct 27 j 10:07	23°♊53'19		
morning rise	-2549 May 06 j 20:31	13°♑31'02		evening rise	-2547 Oct 30 j 03:17	27°♊18'01		
desc. node	-2549 May 12 j 14:25	10°♑49'03			-2547 Nov 01 j 06:52	0°♌		
direct	-2549 May 22 j 05:55	8°♑58'51			-2547 Nov 25 j 05:29	0°♏		
greatest brilliancy	-2549 Jun 05 j 09:15	12°♑27'36	-4.5m		-2547 Dec 19 j 07:24	0°♎		
	-2549 Jun 30 j 10:18	0°♒			-2546 Jan 12 j 14:38	0°♍		
morning max el	-2549 Jul 10 j 10:16	9°♒14'28	46°01'50		-2546 Feb 06 j 06:50	0°♐		
	-2549 Jul 30 j 14:43	0°♑		asc. node	-2546 Feb 17 j 09:26	13°♐17'16		
	-2549 Aug 26 j 04:46	0°♑			-2546 Mar 03 j 14:00	0°♑		
asc. node	-2549 Sep 02 j 14:57	8°♑44'22			-2546 Mar 29 j 22:56	0°♒		
	-2549 Sep 20 j 07:30	0°♒			-2546 Apr 27 j 14:04	0°♑		
	-2549 Oct 14 j 16:22	0°♑		evening max el	-2546 May 01 j 02:34	3°♑23'33	45°14'30	
	-2549 Nov 07 j 17:16	0°♊		greatest brilliancy	-2546 Jun 06 j 04:53	0°♑04'36	-4.5m	
	-2549 Dec 01 j 16:22	0°♌			-2546 Jun 06 j 00:27	0°♑		
desc. node	-2549 Dec 23 j 07:59	27°♌02'48		desc. node	-2546 Jun 09 j 02:21	1°♑08'49		
	-2549 Dec 25 j 16:49	0°♏		retrograde	-2546 Jun 18 j 13:24	2°♑45'20		
morning set	-2548 Jan 13 j 07:36	23°♏10'09			-2546 Jun 30 j 12:51	30°♌		
	-2548 Jan 18 j 19:36	0°♎		evening set	-2546 Jul 04 j 10:34	28°♑02'11		
	-2548 Feb 12 j 00:46	0°♍		inferior conj	-2546 Jul 09 j 19:47	24°♑51'09	-6°-28'-54	
				minimum elong	-2546 Jul 09 j 09:32	25°♑06'51	6°26'48	
superior conj	-2548 Feb 22 j 02:13	12°♑25'46	-1°-23'-44	min. Earth dist.	-2546 Jul 10 j 03:20	24°♑39'34	0.28207 AU	
minimum elong	-2548 Feb 22 j 04:29	12°♑32'46	1°23'47	morning rise	-2546 Jul 14 j 08:01	22°♑08'19		
max. Earth dist.	-2548 Feb 24 j 17:18	15°♑40'27	1.73046 AU	direct	-2546 Jul 31 j 05:16	16°♑45'47		
	-2548 Mar 07 j 08:12	0°♐		greatest brilliancy	-2546 Aug 14 j 15:28	20°♑25'54	-4.6m	
evening rise	-2548 Mar 30 j 19:00	28°♐49'27			-2546 Aug 29 j 12:11	0°♑		
	-2548 Mar 31 j 18:00	0°♑		morning max el	-2546 Sep 19 j 10:37	18°♑59'30	46°40'29	
asc. node	-2548 Apr 14 j 07:29	16°♑36'53			-2546 Sep 29 j 23:57	0°♒		
	-2548 Apr 25 j 06:12	0°♒		asc. node	-2546 Sep 30 j 02:35	0°♒07'04		
	-2548 May 19 j 20:55	0°♑			-2546 Oct 26 j 13:18	0°♑		
	-2548 Jun 13 j 14:52	0°♑			-2546 Nov 20 j 15:51	0°♊		
	-2548 Jul 08 j 13:58	0°♒			-2546 Dec 15 j 05:58	0°♌		
	-2548 Aug 02 j 22:15	0°♑			-2545 Jan 08 j 16:39	0°♏		
desc. node	-2548 Aug 03 j 23:56	1°♑15'05		desc. node	-2545 Jan 19 j 19:57	13°♏40'24		

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 72

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2545 Feb 02 j 03:18	0°☾	evening set	-2543 Sep 17 j 10:48	9°☿45'08	
	-2545 Feb 26 j 14:37	0°♊	inferior conj	-2543 Sep 21 j 02:03	7°☿35'20	-7°-46'00
	-2545 Mar 23 j 02:20	0°♋	minimum elong	-2543 Sep 21 j 11:39	7°☿20'50	7°44'27
morning set	-2545 Mar 26 j 08:19	3°♋58'52	min. Earth dist.	-2543 Sep 21 j 15:48	7°☿14'33	0.26784 AU
	-2545 Apr 16 j 13:54	0°♌	morning rise	-2543 Sep 25 j 12:16	4°☿58'11	
max. Earth dist.	-2545 Apr 30 j 05:41	16°♌45'15		-2543 Oct 09 j 10:00	30°♌0	
			direct	-2543 Oct 11 j 15:04	29°♌53'56	
superior conj	-2545 May 01 j 17:57	18°♌36'32		-2543 Oct 13 j 20:38	0°☿	
minimum elong	-2545 May 01 j 22:51	18°♌51'35	greatest brilliancy	-2543 Oct 24 j 17:12	3°☿05'48	-4.7m
	-2545 May 11 j 00:37	0°♍	asc. node	-2543 Oct 27 j 14:04	4°☿31'41	
asc. node	-2545 May 12 j 19:31	2°♍11'48		-2543 Nov 27 j 22:07	0°♎	
	-2545 Jun 04 j 09:53	0°♎	morning max el	-2543 Dec 01 j 10:44	3°♎33'16	46°51'39
evening rise	-2545 Jun 06 j 12:15	2°♎35'04		-2543 Dec 25 j 22:07	0°♏	
	-2545 Jun 28 j 17:45	0°♏		-2542 Jan 20 j 23:59	0°♐	
	-2545 Jul 23 j 01:07	0°♑		-2542 Feb 15 j 10:13	0°♑	
	-2545 Aug 16 j 09:41	0°☿	desc. node	-2542 Feb 16 j 07:46	1°♑04'02	
desc. node	-2545 Sep 01 j 12:04	19°☿44'52		-2542 Mar 12 j 13:24	0°♊	
	-2545 Sep 09 j 21:30	0°♎		-2542 Apr 06 j 12:02	0°♋	
	-2545 Oct 04 j 15:23	0°♏		-2542 May 01 j 06:39	0°♌	
	-2545 Oct 29 j 21:13	0°♐		-2542 May 25 j 20:57	0°♍	
	-2545 Nov 25 j 07:23	0°♑	morning set	-2542 Jun 01 j 11:16	8°♍05'10	
evening max el	-2545 Dec 07 j 22:08	13°♑20'01	asc. node	-2542 Jun 09 j 07:36	17°♍43'48	
asc. node	-2545 Dec 23 j 11:41	28°♑11'54		-2542 Jun 19 j 06:27	0°♎	
	-2545 Dec 25 j 13:47	0°♊	max. Earth dist.	-2542 Jul 03 j 12:59	17°♎39'49	1.72691 AU
greatest brilliancy	-2544 Jan 13 j 03:11	12°♊52'02				
retrograde	-2544 Jan 27 j 14:36	16°♊42'53	superior conj	-2542 Jul 07 j 16:19	22°♎48'05	1°00'12
evening set	-2544 Feb 14 j 11:01	10°♊31'28	minimum elong	-2542 Jul 07 j 07:34	22°♎20'55	0°59'59
inferior conj	-2544 Feb 17 j 21:29	8°♊21'12		-2542 Jul 13 j 11:17	0°♏	
minimum elong	-2544 Feb 17 j 22:16	8°♊19'58		-2542 Aug 06 j 12:34	0°♑	
min. Earth dist.	-2544 Feb 17 j 11:07	8°♊37'48	evening rise	-2542 Aug 13 j 07:54	8°♑30'32	
morning rise	-2544 Feb 21 j 09:43	6°♊08'30		-2542 Aug 30 j 12:13	0°☿	
direct	-2544 Mar 10 j 03:31	0°♋05'56		-2542 Sep 23 j 12:14	0°♎	
greatest brilliancy	-2544 Mar 21 j 17:43	2°♋30'09	desc. node	-2542 Sep 29 j 00:06	6°♎51'19	
desc. node	-2544 Apr 13 j 04:50	16°♋47'41		-2542 Oct 17 j 14:14	0°♏	
morning max el	-2544 Apr 27 j 22:07	29°♋53'56		-2542 Nov 10 j 19:50	0°♐	
	-2544 Apr 28 j 00:40	0°♋		-2542 Dec 05 j 08:05	0°♑	
	-2544 May 27 j 03:35	0°♌		-2542 Dec 30 j 09:47	0°♊	
	-2544 Jun 22 j 20:07	0°♍	asc. node	-2541 Jan 19 j 23:29	23°♊40'02	
	-2544 Jul 18 j 08:15	0°♎		-2541 Jan 25 j 16:27	0°♋	
asc. node	-2544 Aug 04 j 05:16	20°♎23'00	evening max el	-2541 Feb 17 j 00:25	23°♋18'16	45°35'44
	-2544 Aug 12 j 01:57	0°♏		-2541 Feb 24 j 02:27	0°♌	
	-2544 Sep 05 j 07:06	0°♑	greatest brilliancy	-2541 Mar 23 j 01:34	19°♌42'24	-4.5m
	-2544 Sep 29 j 04:52	0°☿	retrograde	-2541 Apr 06 j 17:30	23°♌26'23	
	-2544 Oct 22 j 23:48	0°♎	evening set	-2541 Apr 22 j 07:36	18°♌45'26	
morning set	-2544 Oct 24 j 09:12	1°♎45'19	inferior conj	-2541 Apr 28 j 03:53	15°♌13'12	3°02'59
	-2544 Nov 15 j 19:08	0°♏	minimum elong	-2541 Apr 28 j 10:05	15°♌03'28	3°01'20
desc. node	-2544 Nov 23 j 22:07	10°♏12'52	min. Earth dist.	-2541 Apr 28 j 16:11	14°♌53'54	0.29111 AU
			morning rise	-2541 May 04 j 12:26	11°♌23'36	
superior conj	-2544 Dec 05 j 08:58	24°♏35'26	desc. node	-2541 May 11 j 16:36	8°♌11'24	
minimum elong	-2544 Dec 05 j 02:01	24°♏13'39	direct	-2541 May 19 j 23:04	6°♌50'36	
max. Earth dist.	-2544 Dec 09 j 14:56	29°♏54'55	greatest brilliancy	-2541 Jun 02 j 23:07	10°♌15'46	-4.5m
	-2544 Dec 09 j 16:34	0°♐		-2541 Jun 30 j 13:01	0°♍	
	-2543 Jan 02 j 16:48	0°♑	morning max el	-2541 Jul 08 j 02:12	7°♍03'20	46°00'41
evening rise	-2543 Jan 15 j 18:05	16°♑14'27		-2541 Jul 30 j 07:38	0°♎	
	-2543 Jan 26 j 20:21	0°♊		-2541 Aug 25 j 18:51	0°♏	
	-2543 Feb 20 j 04:14	0°♋	asc. node	-2541 Sep 01 j 17:01	8°♏10'06	
asc. node	-2543 Mar 16 j 21:31	0°♌10'22		-2541 Sep 19 j 20:21	0°♑	
	-2543 Mar 16 j 18:05	0°♌		-2541 Oct 14 j 04:37	0°☿	
	-2543 Apr 10 j 15:58	0°♍		-2541 Nov 07 j 05:12	0°♎	
	-2543 May 06 j 00:54	0°♎		-2541 Dec 01 j 04:05	0°♏	
	-2543 Jun 01 j 03:06	0°♏	desc. node	-2541 Dec 22 j 10:11	26°♏33'40	
	-2543 Jun 28 j 15:02	0°♑		-2541 Dec 25 j 04:20	0°♐	
desc. node	-2543 Jul 06 j 14:09	8°♑10'25	morning set	-2540 Jan 10 j 18:43	20°♐40'12	
evening max el	-2543 Jul 12 j 17:02	14°♑13'04		-2540 Jan 18 j 06:56	0°♑	
	-2543 Jul 30 j 08:37	0°☿		-2540 Feb 11 j 11:56	0°♊	
greatest brilliancy	-2543 Aug 21 j 02:59	13°☿18'41				
retrograde	-2543 Aug 31 j 10:03	15°☿15'13	superior conj	-2540 Feb 19 j 16:58	10°♊08'43	-1°-24'4

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 73

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

minimum elong	-2540 Feb 19 j 18:27	10° \approx 13'19	1°24'08	morning rise	-2538 Jul 12 j 01:56	19° Π 48'59	
max. Earth dist.	-2540 Feb 22 j 13:33	13° \approx 40'28	1.72995 AU	direct	-2538 Jul 28 j 20:10	14° Π 29'45	
	-2540 Mar 06 j 19:17	0° H		greatest brilliancy	-2538 Aug 12 j 08:43	18° Π 12'10	-4.6m
evening rise	-2540 Mar 28 j 12:15	26° H 41'05			-2538 Aug 29 j 23:58	0° S	
	-2540 Mar 31 j 05:06	0° Y		morning max el	-2538 Sep 17 j 01:15	16° S 39'12	46°39'30
asc. node	-2540 Apr 13 j 09:34	16° Y 09'05		asc. node	-2538 Sep 29 j 04:38	29° S 21'28	
	-2540 Apr 24 j 17:27	0° B			-2538 Sep 29 j 18:51	0° Ω	
	-2540 May 19 j 08:29	0° Π			-2538 Oct 26 j 04:22	0° M	
	-2540 Jun 13 j 02:56	0° S			-2538 Nov 20 j 05:18	0° $\underline{\text{A}}$	
	-2540 Jul 08 j 02:51	0° Ω			-2538 Dec 14 j 18:31	0° M	
	-2540 Aug 02 j 12:31	0° M			-2537 Jan 08 j 04:39	0° Z	
desc. node	-2540 Aug 03 j 02:02	0° M 39'25		desc. node	-2537 Jan 18 j 21:59	13° Z 10'22	
	-2540 Aug 28 j 17:02	0° $\underline{\text{A}}$			-2537 Feb 01 j 14:54	0° Z	
evening max el	-2540 Sep 24 j 07:03	28° $\underline{\text{A}}$ 28'54	47°28'43		-2537 Feb 26 j 01:55	0° \approx	
	-2540 Sep 25 j 19:20	0° M			-2537 Mar 22 j 13:25	0° H	
greatest brilliancy	-2540 Nov 01 j 21:06	29° M 07'12	-4.7m	morning set	-2537 Mar 24 j 01:26	1° H 50'22	
	-2540 Nov 04 j 01:23	0° Z			-2537 Apr 16 j 00:49	0° Y	
retrograde	-2540 Nov 14 j 04:09	1° Z 57'20		max. Earth dist.	-2537 Apr 28 j 03:30	14° Y 51'35	1.73713 AU
	-2540 Nov 23 j 20:57	30° R M					
asc. node	-2540 Nov 24 j 01:57	29° M 54'59		superior conj	-2537 Apr 29 j 12:30	16° Y 32'50	0°-28'-33
evening set	-2540 Nov 28 j 15:55	27° M 42'39		minimum elong	-2537 Apr 29 j 17:55	16° Y 49'27	0°28'19
min. Earth dist.	-2540 Dec 03 j 22:39	24° M 34'22	0.26716 AU		-2537 May 10 j 11:29	0° B	
inferior conj	-2540 Dec 04 j 19:22	24° M 02'08	2°41'51	asc. node	-2537 May 11 j 21:45	1° B 45'14	
minimum elong	-2540 Dec 04 j 13:39	24° M 11'01	2°40'03		-2537 Jun 03 j 20:50	0° Π	
morning rise	-2540 Dec 10 j 12:13	20° M 38'31		evening rise	-2537 Jun 04 j 07:36	0° Π 33'10	
direct	-2540 Dec 25 j 04:12	16° M 21'45			-2537 Jun 28 j 04:54	0° S	
greatest brilliancy	-2539 Jan 04 j 22:40	18° M 32'13	-4.6m		-2537 Jul 22 j 12:37	0° Ω	
	-2539 Jan 23 j 18:07	0° Z			-2537 Aug 15 j 21:38	0° M	
morning max el	-2539 Feb 12 j 17:06	17° Z 48'29	46°17'29	desc. node	-2537 Aug 31 j 14:05	19° M 13'26	
	-2539 Feb 24 j 18:38	0° Z			-2537 Sep 09 j 10:02	0° $\underline{\text{A}}$	
desc. node	-2539 Mar 15 j 19:26	20° Z 26'40			-2537 Oct 04 j 04:47	0° M	
	-2539 Mar 24 j 09:46	0° \approx			-2537 Oct 29 j 12:10	0° Z	
	-2539 Apr 19 j 16:15	0° H			-2537 Nov 25 j 01:51	0° Z	
	-2539 May 15 j 05:50	0° Y		evening max el	-2537 Dec 05 j 13:28	11° Z 01'50	46°59'05
	-2539 Jun 09 j 07:32	0° B		asc. node	-2537 Dec 22 j 13:45	27° Z 10'05	
	-2539 Jul 03 j 23:07	0° Π			-2537 Dec 25 j 22:55	0° \approx	
asc. node	-2539 Jul 06 j 19:29	3° Π 29'50		greatest brilliancy	-2536 Jan 10 j 19:18	10° \approx 37'48	-4.6m
	-2539 Jul 28 j 05:56	0° S		retrograde	-2536 Jan 25 j 07:35	14° \approx 29'55	
morning set	-2539 Aug 09 j 01:27	14° S 43'44		evening set	-2536 Feb 12 j 02:55	8° \approx 18'49	
	-2539 Aug 21 j 06:03	0° Ω		min. Earth dist.	-2536 Feb 15 j 01:57	6° \approx 27'02	0.28729 AU
	-2539 Sep 14 j 02:21	0° M		inferior conj	-2536 Feb 15 j 13:44	6° \approx 08'13	8°24'56
max. Earth dist.	-2539 Sep 14 j 23:02	1° M 05'08	1.71114 AU	minimum elong	-2536 Feb 15 j 13:46	6° \approx 08'10	8°24'53
				morning rise	-2536 Feb 19 j 00:49	3° \approx 57'30	
superior conj	-2539 Sep 16 j 08:46	2° M 51'24	1°16'04		-2536 Feb 26 j 14:04	30° R Z	
minimum elong	-2539 Sep 16 j 17:05	3° M 17'35	1°15'55	direct	-2536 Mar 07 j 18:56	27° Z 53'37	
	-2539 Oct 07 j 21:44	0° $\underline{\text{A}}$			-2536 Mar 18 j 14:02	0° \approx	
desc. node	-2539 Oct 26 j 12:17	23° $\underline{\text{A}}$ 24'34		greatest brilliancy	-2536 Mar 19 j 07:48	0° \approx 16'57	-4.5m
evening rise	-2539 Oct 27 j 12:41	24° $\underline{\text{A}}$ 41'13		desc. node	-2536 Apr 12 j 07:01	15° \approx 47'45	
	-2539 Oct 31 j 18:13	0° M		morning max el	-2536 Apr 25 j 14:46	27° \approx 45'19	45°48'33
	-2539 Nov 24 j 16:56	0° Z			-2536 Apr 27 j 22:51	0° H	
	-2539 Dec 18 j 19:01	0° Z			-2536 May 26 j 19:15	0° Y	
	-2538 Jan 12 j 02:31	0° \approx			-2536 Jun 22 j 09:27	0° B	
	-2538 Feb 05 j 19:14	0° H			-2536 Jul 17 j 20:28	0° Π	
asc. node	-2538 Feb 16 j 11:28	12° H 45'31		asc. node	-2536 Aug 03 j 07:18	19° Π 53'12	
	-2538 Mar 03 j 03:25	0° Y			-2536 Aug 11 j 13:36	0° S	
	-2538 Mar 29 j 14:36	0° B			-2536 Sep 04 j 18:29	0° Ω	
	-2538 Apr 27 j 12:11	0° Π			-2536 Sep 28 j 16:08	0° M	
evening max el	-2538 Apr 28 j 16:45	1° Π 08'16	45°13'44	morning set	-2536 Oct 21 j 19:59	29° M 12'42	
greatest brilliancy	-2538 Jun 03 j 16:06	27° Π 46'35	-4.5m		-2536 Oct 22 j 10:59	0° $\underline{\text{A}}$	
desc. node	-2538 Jun 08 j 04:31	29° Π 21'30			-2536 Nov 15 j 06:15	0° M	
	-2538 Jun 10 j 21:11	0° S		desc. node	-2536 Nov 23 j 00:19	9° M 44'53	
retrograde	-2538 Jun 16 j 03:54	0° S 31'08					
	-2538 Jun 21 j 07:44	30° R Π		superior conj	-2536 Dec 02 j 18:12	21° M 59'03	0°-22'-38
evening set	-2538 Jul 01 j 22:16	25° Π 51'18		minimum elong	-2536 Dec 02 j 12:10	21° M 40'06	0°22'25
inferior conj	-2538 Jul 07 j 10:38	22° Π 36'11	-6°-14'-5	max. Earth dist.	-2536 Dec 06 j 23:25	27° M 16'22	1.71355 AU
minimum elong	-2538 Jul 07 j 00:22	22° Π 51'53	6°11'53		-2536 Dec 09 j 03:38	0° Z	
min. Earth dist.	-2538 Jul 07 j 18:21	22° Π 24'21	0.28248 AU		-2535 Jan 02 j 03:50	0° Z	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2535 Jan 13 j 06:11	13° $\overline{3}$ 48'46			-2533 Jul 30 j 00:00	0° Π	
	-2535 Jan 26 j 07:23	0° \approx			-2533 Aug 25 j 08:33	0° $\overline{5}$	
	-2535 Feb 19 j 15:22	0° H		asc. node	-2533 Aug 31 j 19:09	7° $\overline{5}$ 36'55	
asc. node	-2535 Mar 15 j 23:36	29° H 42'10			-2533 Sep 19 j 08:52	0° Ω	
	-2535 Mar 16 j 05:29	0° Υ			-2533 Oct 13 j 16:31	0° η	
	-2535 Apr 10 j 03:55	0° B			-2533 Nov 06 j 16:45	0° $\underline{\Omega}$	
	-2535 May 05 j 13:53	0° Π			-2533 Nov 30 j 15:25	0° \mathbb{M}	
	-2535 May 31 j 18:02	0° $\overline{5}$		desc. node	-2533 Dec 21 j 12:09	26° \mathbb{M} 05'00	
	-2535 Jun 28 j 10:29	0° Ω			-2533 Dec 24 j 15:29	0° Z	
desc. node	-2535 Jul 05 j 16:13	7° Ω 21'20		morning set	-2532 Jan 08 j 05:40	18° Z 10'46	
evening max el	-2535 Jul 10 j 07:15	11° Ω 53'57	46°15'53		-2532 Jan 17 j 17:55	0° $\overline{5}$	
	-2535 Jul 30 j 23:12	0° η			-2532 Feb 10 j 22:46	0° \approx	
greatest brilliancy	-2535 Aug 18 j 14:03	10° η 51'12	-4.6m				
retrograde	-2535 Aug 28 j 22:18	12° η 48'06		superior conj	-2532 Feb 17 j 07:42	7° \approx 52'36	-1°-24'-17
evening set	-2535 Sep 15 j 02:07	7° η 13'34		minimum elong	-2532 Feb 17 j 08:21	7° \approx 54'39	1°24'20
inferior conj	-2535 Sep 18 j 14:19	5° η 07'57	-7°-57'-18	max. Earth dist.	-2532 Feb 20 j 08:08	11° \approx 36'17	1.72941 AU
minimum elong	-2535 Sep 18 j 23:25	4° η 54'11	7°55'57		-2532 Mar 06 j 06:02	0° H	
min. Earth dist.	-2535 Sep 19 j 04:00	4° η 47'16	0.26832 AU	evening rise	-2532 Mar 26 j 05:27	24° H 33'35	
morning rise	-2535 Sep 22 j 20:31	2° η 36'24			-2532 Mar 30 j 15:52	0° Υ	
	-2535 Sep 27 j 22:51	30° \mathbb{R} Ω		asc. node	-2532 Apr 12 j 11:48	15° Υ 42'55	
direct	-2535 Oct 09 j 04:39	27° Ω 26'05			-2532 Apr 24 j 04:22	0° B	
	-2535 Oct 20 j 20:02	0° η			-2532 May 18 j 19:43	0° Π	
greatest brilliancy	-2535 Oct 22 j 06:35	0° η 37'59	-4.7m		-2532 Jun 12 j 14:43	0° $\overline{5}$	
asc. node	-2535 Oct 26 j 16:21	2° η 55'21			-2532 Jul 07 j 15:33	0° Ω	
	-2535 Nov 27 j 21:55	0° $\underline{\Omega}$		desc. node	-2532 Aug 02 j 04:02	0° η 03'54	
morning max el	-2535 Nov 29 j 00:47	1° $\underline{\Omega}$ 08'19	46°52'10		-2532 Aug 02 j 02:42	0° η	
	-2535 Dec 25 j 14:53	0° \mathbb{M}			-2532 Aug 28 j 09:59	0° $\underline{\Omega}$	
	-2534 Jan 20 j 14:06	0° Z		evening max el	-2532 Sep 21 j 20:17	26° $\underline{\Omega}$ 02'58	47°27'41
	-2534 Feb 14 j 22:57	0° $\overline{5}$			-2532 Sep 25 j 19:36	0° \mathbb{M}	
desc. node	-2534 Feb 15 j 09:49	0° $\overline{5}$ 32'22		greatest brilliancy	-2532 Oct 30 j 13:51	26° \mathbb{M} 43'25	-4.7m
	-2534 Mar 12 j 01:16	0° \approx		retrograde	-2532 Nov 11 j 16:57	29° \mathbb{M} 29'34	
	-2534 Apr 05 j 23:21	0° H		asc. node	-2532 Nov 23 j 04:00	26° \mathbb{M} 47'36	
	-2534 Apr 30 j 17:39	0° Υ		evening set	-2532 Nov 26 j 04:19	25° \mathbb{M} 16'36	
	-2534 May 25 j 07:45	0° B		min. Earth dist.	-2532 Dec 01 j 13:13	22° \mathbb{M} 05'36	0.26664 AU
morning set	-2534 May 30 j 06:01	6° B 02'22		inferior conj	-2532 Dec 02 j 08:25	21° \mathbb{M} 35'47	2°19'26
asc. node	-2534 Jun 08 j 09:42	17° B 17'06		minimum elong	-2532 Dec 02 j 03:26	21° \mathbb{M} 43'32	2°17'50
	-2534 Jun 18 j 17:12	0° Π		morning rise	-2532 Dec 08 j 03:13	18° \mathbb{M} 09'27	
max. Earth dist.	-2534 Jul 01 j 05:11	15° Π 27'56	1.72746 AU	direct	-2532 Dec 22 j 16:08	13° \mathbb{M} 56'05	
				greatest brilliancy	-2531 Jan 02 j 13:29	16° \mathbb{M} 08'54	-4.6m
superior conj	-2534 Jul 05 j 10:13	20° Π 41'14	0°57'56		-2531 Jan 24 j 06:35	0° Z	
minimum elong	-2534 Jul 05 j 01:32	20° Π 14'17	0°57'42	morning max el	-2531 Feb 10 j 05:51	15° Z 25'38	46°18'56
	-2534 Jul 12 j 22:05	0° $\overline{5}$			-2531 Feb 24 j 13:37	0° $\overline{5}$	
	-2534 Aug 05 j 23:28	0° Ω		desc. node	-2531 Mar 14 j 21:35	19° $\overline{5}$ 49'06	
evening rise	-2534 Aug 10 j 23:17	6° Ω 14'21			-2531 Mar 24 j 00:30	0° \approx	
	-2534 Aug 29 j 23:18	0° η			-2531 Apr 19 j 05:07	0° H	
	-2534 Sep 22 j 23:34	0° $\underline{\Omega}$			-2531 May 14 j 17:42	0° Υ	
desc. node	-2534 Sep 28 j 02:16	6° $\underline{\Omega}$ 22'34			-2531 Jun 08 j 18:49	0° B	
	-2534 Oct 17 j 01:53	0° \mathbb{M}			-2531 Jul 03 j 10:06	0° Π	
	-2534 Nov 10 j 07:53	0° Z		asc. node	-2531 Jul 05 j 21:32	3° Π 02'28	
	-2534 Dec 04 j 20:43	0° $\overline{5}$			-2531 Jul 27 j 16:48	0° $\overline{5}$	
	-2534 Dec 29 j 23:32	0° \approx		morning set	-2531 Aug 06 j 16:51	12° $\overline{5}$ 27'58	
asc. node	-2533 Jan 19 j 01:34	23° \approx 02'21			-2531 Aug 20 j 16:55	0° Ω	
	-2533 Jan 25 j 08:48	0° H		max. Earth dist.	-2531 Sep 12 j 07:11	28° Ω 25'07	1.71152 AU
evening max el	-2533 Feb 14 j 16:08	21° H 06'52	45°37'54				
	-2533 Feb 24 j 04:01	0° Υ		superior conj	-2531 Sep 13 j 21:24	0° η 25'31	1°17'35
greatest brilliancy	-2533 Mar 20 j 18:35	17° Υ 35'57	-4.5m	minimum elong	-2531 Sep 14 j 05:04	0° η 49'40	1°17'29
retrograde	-2533 Apr 04 j 09:46	21° Υ 19'38			-2531 Sep 13 j 13:18	0° η	
evening set	-2533 Apr 20 j 02:23	16° Υ 35'55			-2531 Oct 07 j 08:46	0° $\underline{\Omega}$	
inferior conj	-2533 Apr 25 j 20:41	13° Υ 06'06	3°20'34	evening rise	-2531 Oct 24 j 21:44	22° $\underline{\Omega}$ 04'04	
minimum elong	-2533 Apr 26 j 03:21	12° Υ 55'36	3°18'50	desc. node	-2531 Oct 25 j 14:25	22° $\underline{\Omega}$ 56'27	
min. Earth dist.	-2533 Apr 26 j 09:01	12° Υ 46'41	0.29128 AU		-2531 Oct 31 j 05:20	0° \mathbb{M}	
morning rise	-2533 May 02 j 04:10	9° Υ 17'21			-2531 Nov 24 j 04:09	0° Z	
desc. node	-2533 May 10 j 18:45	5° Υ 39'01			-2531 Dec 18 j 06:22	0° $\overline{5}$	
direct	-2533 May 17 j 15:47	4° Υ 43'20			-2530 Jan 11 j 14:09	0° \approx	
greatest brilliancy	-2533 May 31 j 13:16	8° Υ 05'07	-4.5m		-2530 Feb 05 j 07:23	0° H	
	-2533 Jun 30 j 14:01	0° B		asc. node	-2530 Feb 15 j 13:36	12° H 14'45	
morning max el	-2533 Jul 05 j 17:27	4° B 51'13	45°59'31		-2530 Mar 02 j 16:38	0° Υ	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 75

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2530 Mar 29 j 06:12	0°♄		morning set	-2528 Oct 19 j 06:59	26°♎40'51	
evening max el	-2530 Apr 26 j 07:42	28°♄55'47	45°13'09		-2528 Oct 21 j 22:07	0°♎	
	-2530 Apr 27 j 10:49	0°♎			-2528 Nov 14 j 17:23	0°♎	
greatest brilliancy	-2530 Jun 01 j 02:39	25°♎29'01	-4.5m	desc. node	-2528 Nov 22 j 02:18	9°♎16'08	
desc. node	-2530 Jun 07 j 06:30	27°♎31'02					
retrograde	-2530 Jun 13 j 18:52	28°♎18'06		superior conj	-2528 Nov 30 j 03:08	19°♎21'34	0°-18'-44
evening set	-2530 Jun 29 j 10:13	23°♎41'22		minimum elong	-2528 Nov 29 j 22:05	19°♎05'41	0°18'33
inferior conj	-2530 Jul 05 j 01:30	20°♎22'16	-5°-58'-47	max. Earth dist.	-2528 Dec 04 j 09:15	24°♎41'51	1.71315 AU
minimum elong	-2530 Jul 04 j 15:18	20°♎37'52	5°56'30		-2528 Dec 08 j 14:46	0°♎	
min. Earth dist.	-2530 Jul 05 j 09:03	20°♎10'43	0.28289 AU		-2527 Jan 01 j 14:57	0°♎	
morning rise	-2530 Jul 09 j 19:53	17°♎30'52		evening rise	-2527 Jan 10 j 17:43	11°♎20'57	
direct	-2530 Jul 26 j 11:45	12°♎14'55			-2527 Jan 25 j 18:30	0°♎	
greatest brilliancy	-2530 Aug 10 j 01:45	15°♎59'22	-4.6m		-2527 Feb 19 j 02:35	0°♎	
	-2530 Aug 30 j 08:21	0°♎		asc. node	-2527 Mar 15 j 01:49	29°♎14'05	
morning max el	-2530 Sep 14 j 16:35	14°♎21'36	46°38'14		-2527 Mar 15 j 16:58	0°♎	
asc. node	-2530 Sep 28 j 06:53	28°♎37'34			-2527 Apr 09 j 15:59	0°♎	
	-2530 Sep 29 j 13:07	0°♎			-2527 May 05 j 03:02	0°♎	
	-2530 Oct 25 j 19:09	0°♎			-2527 May 31 j 09:16	0°♎	
	-2530 Nov 19 j 18:33	0°♎			-2527 Jun 28 j 06:35	0°♎	
	-2530 Dec 14 j 06:55	0°♎		desc. node	-2527 Jul 04 j 18:20	6°♎31'22	
	-2529 Jan 07 j 16:27	0°♎		evening max el	-2527 Jul 07 j 21:16	9°♎34'19	46°12'53
desc. node	-2529 Jan 18 j 00:06	12°♎41'08			-2527 Jul 31 j 18:36	0°♎	
	-2529 Feb 01 j 02:17	0°♎		greatest brilliancy	-2527 Aug 16 j 02:07	8°♎25'16	-4.6m
	-2529 Feb 25 j 13:00	0°♎		retrograde	-2527 Aug 26 j 10:14	10°♎21'32	
morning set	-2529 Mar 21 j 18:22	29°♎41'53		evening set	-2527 Sep 12 j 17:29	4°♎43'01	
	-2529 Mar 22 j 00:17	0°♎		inferior conj	-2527 Sep 16 j 02:47	2°♎41'23	-8°-7'-38
	-2529 Apr 15 j 11:34	0°♎		minimum elong	-2527 Sep 16 j 11:18	2°♎28'28	8°06'28
max. Earth dist.	-2529 Apr 26 j 02:21	13°♎01'28	1.73718 AU	min. Earth dist.	-2527 Sep 16 j 16:34	2°♎20'28	0.26877 AU
				morning rise	-2527 Sep 20 j 04:57	0°♎15'18	
superior conj	-2529 Apr 27 j 07:02	14°♎29'29	0°-31'-27		-2527 Sep 20 j 15:42	30°♎	
minimum elong	-2529 Apr 27 j 12:56	14°♎47'37	0°31'11	direct	-2527 Oct 06 j 18:00	24°♎59'02	
	-2529 May 09 j 22:12	0°♎		greatest brilliancy	-2527 Oct 19 j 20:05	28°♎10'42	-4.7m
asc. node	-2529 May 10 j 23:48	1°♎18'37			-2527 Oct 23 j 09:55	0°♎	
evening rise	-2529 Jun 02 j 03:04	28°♎32'08		asc. node	-2527 Oct 25 j 18:22	1°♎22'24	
	-2529 Jun 03 j 07:37	0°♎		morning max el	-2527 Nov 26 j 13:49	28°♎40'42	46°52'29
	-2529 Jun 27 j 15:54	0°♎			-2527 Nov 27 j 20:43	0°♎	
	-2529 Jul 21 j 23:57	0°♎			-2527 Dec 25 j 07:26	0°♎	
	-2529 Aug 15 j 09:26	0°♎			-2526 Jan 20 j 04:14	0°♎	
desc. node	-2529 Aug 30 j 16:16	18°♎42'54		desc. node	-2526 Feb 14 j 11:58	0°♎00'32	
	-2529 Sep 08 j 22:29	0°♎			-2526 Feb 14 j 11:47	0°♎	
	-2529 Oct 03 j 18:13	0°♎			-2526 Mar 11 j 13:17	0°♎	
	-2529 Oct 29 j 03:18	0°♎			-2526 Apr 05 j 10:50	0°♎	
	-2529 Nov 24 j 20:50	0°♎			-2526 Apr 30 j 04:46	0°♎	
evening max el	-2529 Dec 03 j 05:42	8°♎45'39	47°01'45		-2526 May 24 j 18:42	0°♎	
asc. node	-2529 Dec 21 j 15:50	26°♎06'30		morning set	-2526 May 28 j 00:39	3°♎58'51	
	-2529 Dec 26 j 11:25	0°♎		asc. node	-2526 Jun 07 j 11:43	16°♎49'48	
greatest brilliancy	-2528 Jan 08 j 12:05	8°♎24'01	-4.6m		-2526 Jun 18 j 04:06	0°♎	
retrograde	-2528 Jan 23 j 00:36	12°♎16'09		max. Earth dist.	-2526 Jun 28 j 21:42	13°♎16'38	1.72803 AU
evening set	-2528 Feb 09 j 18:24	6°♎05'57					
min. Earth dist.	-2528 Feb 12 j 16:22	4°♎15'55	0.28675 AU	superior conj	-2526 Jul 03 j 04:12	18°♎34'17	0°55'36
inferior conj	-2528 Feb 13 j 05:47	3°♎54'32	8°25'10	minimum elong	-2526 Jul 02 j 19:36	18°♎07'39	0°55'21
minimum elong	-2528 Feb 13 j 05:05	3°♎55'39	8°25'06		-2526 Jul 12 j 09:02	0°♎	
morning rise	-2528 Feb 16 j 16:01	1°♎45'20			-2526 Aug 05 j 10:33	0°♎	
	-2528 Feb 19 j 16:13	30°♎		evening rise	-2526 Aug 08 j 14:59	3°♎58'42	
direct	-2528 Mar 05 j 10:36	25°♎40'54			-2526 Aug 29 j 10:34	0°♎	
greatest brilliancy	-2528 Mar 16 j 20:34	28°♎02'05	-4.5m		-2526 Sep 22 j 11:04	0°♎	
	-2528 Mar 21 j 05:45	0°♎		desc. node	-2526 Sep 27 j 04:24	5°♎53'11	
desc. node	-2528 Apr 11 j 09:13	14°♎49'18			-2526 Oct 16 j 13:41	0°♎	
morning max el	-2528 Apr 23 j 07:25	25°♎36'59	45°48'54		-2526 Nov 09 j 20:05	0°♎	
	-2528 Apr 27 j 20:08	0°♎			-2526 Dec 04 j 09:32	0°♎	
	-2528 May 26 j 10:37	0°♎			-2526 Dec 29 j 13:34	0°♎	
	-2528 Jun 21 j 22:36	0°♎		asc. node	-2525 Jan 18 j 03:42	22°♎23'52	
	-2528 Jul 17 j 08:35	0°♎			-2525 Jan 25 j 01:43	0°♎	
asc. node	-2528 Aug 02 j 09:27	19°♎24'00		evening max el	-2525 Feb 12 j 07:04	18°♎52'30	45°40'04
	-2528 Aug 11 j 01:10	0°♎			-2525 Feb 24 j 07:31	0°♎	
	-2528 Sep 04 j 05:47	0°♎		greatest brilliancy	-2525 Mar 18 j 11:11	15°♎27'54	-4.5m
	-2528 Sep 28 j 03:19	0°♎		retrograde	-2525 Apr 02 j 01:58	19°♎12'10	

Planetary Phenomena of Venus from -2900 through -2400 (UT), AstroDienst AG 7-Dez-2017 14:40, page 76

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening set	-2525 Apr 17 j 21:15	14° Υ 25'16			-2523 Oct 06 j 20:06	0° Ω	
inferior conj	-2525 Apr 23 j 13:31	10° Υ 58'15	3°37'55	evening rise	-2523 Oct 22 j 06:59	19° Ω 26'33	
minimum elong	-2525 Apr 23 j 20:38	10° Υ 47'01	3°36'06	desc. node	-2523 Oct 24 j 16:24	22° Ω 26'52	
min. Earth dist.	-2525 Apr 24 j 02:04	10° Υ 38'27	0.29143 AU		-2523 Oct 30 j 16:46	0° \mathbb{M}	
morning rise	-2525 Apr 29 j 19:48	7° Υ 10'38			-2523 Nov 23 j 15:41	0° \mathcal{A}	
desc. node	-2525 May 09 j 20:43	3° Υ 10'22			-2523 Dec 17 j 18:02	0° \mathcal{C}	
direct	-2525 May 15 j 08:04	2° Υ 35'12			-2522 Jan 11 j 02:04	0° \approx	
greatest brilliancy	-2525 May 29 j 04:15	5° Υ 54'46	-4.5m		-2522 Feb 04 j 19:50	0° \mathcal{H}	
	-2525 Jun 30 j 14:07	0° \mathcal{B}		asc. node	-2522 Feb 14 j 15:46	11° \mathcal{H} 43'20	
morning max el	-2525 Jul 03 j 08:29	2° \mathcal{B} 37'57	45°58'26		-2522 Mar 02 j 06:11	0° Υ	
	-2525 Jul 29 j 16:18	0° \mathbb{I}			-2522 Mar 28 j 22:18	0° \mathcal{B}	
	-2525 Aug 24 j 22:21	0° \mathcal{C}		evening max el	-2522 Apr 23 j 23:34	26° \mathcal{B} 44'52	45°12'32
asc. node	-2525 Aug 30 j 21:17	7° \mathcal{C} 03'14			-2522 Apr 27 j 10:48	0° \mathbb{I}	
	-2525 Sep 18 j 21:32	0° Ω		greatest brilliancy	-2522 May 29 j 14:00	23° \mathbb{I} 11'49	-4.5m
	-2525 Oct 13 j 04:36	0° \mathbb{M}		desc. node	-2522 Jun 06 j 08:40	25° \mathbb{I} 35'46	
	-2525 Nov 06 j 04:30	0° Ω		retrograde	-2522 Jun 11 j 10:09	26° \mathbb{I} 04'27	
	-2525 Nov 30 j 02:56	0° \mathbb{M}		evening set	-2522 Jun 26 j 22:31	21° \mathbb{I} 30'51	
desc. node	-2525 Dec 20 j 14:16	25° \mathbb{M} 36'11		inferior conj	-2522 Jul 02 j 16:30	18° \mathbb{I} 07'46	-5°-42'-54
	-2525 Dec 24 j 02:48	0° \mathcal{A}		minimum elong	-2522 Jul 02 j 06:26	18° \mathbb{I} 23'09	5°40'35
morning set	-2524 Jan 05 j 16:49	15° \mathcal{A} 41'10		min. Earth dist.	-2522 Jul 02 j 23:38	17° \mathbb{I} 56'51	0.28329 AU
	-2524 Jan 17 j 05:04	0° \mathcal{C}		morning rise	-2522 Jul 07 j 13:54	15° \mathbb{I} 12'14	
	-2524 Feb 10 j 09:49	0° \approx		direct	-2522 Jul 24 j 03:50	9° \mathbb{I} 59'49	
				greatest brilliancy	-2522 Aug 07 j 18:08	13° \mathbb{I} 45'12	-4.6m
superior conj	-2524 Feb 14 j 22:27	5° \approx 35'50	-1°-24'-20		-2522 Aug 30 j 14:42	0° \mathcal{C}	
minimum elong	-2524 Feb 14 j 22:16	5° \approx 35'16	1°24'24	morning max el	-2522 Sep 12 j 08:12	12° \mathcal{C} 04'12	46°36'54
max. Earth dist.	-2524 Feb 18 j 00:54	9° \approx 25'48	1.72890 AU	asc. node	-2522 Sep 27 j 08:56	27° \mathcal{C} 52'53	
	-2524 Mar 05 j 17:02	0° \mathcal{H}			-2522 Sep 29 j 07:13	0° Ω	
evening rise	-2524 Mar 23 j 22:29	22° \mathcal{H} 24'42			-2522 Oct 25 j 10:00	0° \mathbb{M}	
	-2524 Mar 30 j 02:55	0° Υ			-2522 Nov 19 j 07:58	0° Ω	
asc. node	-2524 Apr 11 j 13:48	15° Υ 15'06			-2522 Dec 13 j 19:30	0° \mathbb{M}	
	-2524 Apr 23 j 15:34	0° \mathcal{B}			-2521 Jan 07 j 04:30	0° \mathcal{A}	
	-2524 May 18 j 07:15	0° \mathbb{I}		desc. node	-2521 Jan 17 j 02:14	12° \mathcal{A} 11'11	
	-2524 Jun 12 j 02:50	0° \mathcal{C}			-2521 Jan 31 j 13:56	0° \mathcal{C}	
	-2524 Jul 07 j 04:36	0° Ω			-2521 Feb 25 j 00:19	0° \approx	
desc. node	-2524 Aug 01 j 06:13	29° Ω 27'49		morning set	-2521 Mar 19 j 11:30	27° \approx 33'14	
	-2524 Aug 01 j 17:19	0° \mathbb{M}			-2521 Mar 21 j 11:22	0° \mathcal{H}	
	-2524 Aug 28 j 03:37	0° Ω			-2521 Apr 14 j 22:30	0° Υ	
evening max el	-2524 Sep 19 j 09:16	23° Ω 35'33	47°26'31	max. Earth dist.	-2521 Apr 24 j 02:41	11° Υ 15'21	1.73720 AU
	-2524 Sep 25 j 21:29	0° \mathbb{M}					
greatest brilliancy	-2524 Oct 28 j 05:46	24° \mathbb{M} 17'27	-4.7m	superior conj	-2521 Apr 25 j 01:42	12° Υ 25'59	0°-34'-17
retrograde	-2524 Nov 09 j 05:50	27° \mathbb{M} 00'53		minimum elong	-2521 Apr 25 j 08:04	12° Υ 45'31	0°34'00
asc. node	-2524 Nov 22 j 06:03	23° \mathbb{M} 34'28			-2521 May 09 j 09:06	0° \mathcal{B}	
evening set	-2524 Nov 23 j 16:49	22° \mathbb{M} 48'58		asc. node	-2521 May 10 j 01:52	0° \mathcal{B} 51'27	
min. Earth dist.	-2524 Nov 29 j 03:39	19° \mathbb{M} 35'49	0.26614 AU	evening rise	-2521 May 30 j 22:39	26° \mathcal{B} 30'48	
inferior conj	-2524 Nov 29 j 21:22	19° \mathbb{M} 08'21	1°56'30		-2521 Jun 02 j 18:39	0° \mathbb{I}	
minimum elong	-2524 Nov 29 j 17:09	19° \mathbb{M} 14'54	1°55'08		-2521 Jun 27 j 03:10	0° \mathcal{C}	
morning rise	-2524 Dec 05 j 18:02	15° \mathbb{M} 39'43			-2521 Jul 21 j 11:34	0° Ω	
direct	-2524 Dec 20 j 04:04	11° \mathbb{M} 29'09			-2521 Aug 14 j 21:32	0° \mathbb{M}	
greatest brilliancy	-2524 Dec 31 j 04:27	13° \mathbb{M} 44'55	-4.6m	desc. node	-2521 Aug 29 j 18:20	18° \mathbb{M} 11'05	
	-2523 Jan 24 j 16:07	0° \mathcal{A}			-2521 Sep 08 j 11:15	0° Ω	
morning max el	-2523 Feb 07 j 19:21	13° \mathcal{A} 03'48	46°20'30		-2521 Oct 03 j 08:00	0° \mathbb{M}	
	-2523 Feb 24 j 08:19	0° \mathcal{C}			-2521 Oct 28 j 18:53	0° \mathcal{A}	
desc. node	-2523 Mar 13 j 23:44	19° \mathcal{C} 11'14			-2521 Nov 24 j 16:40	0° \mathcal{C}	
	-2523 Mar 23 j 15:18	0° \approx		evening max el	-2521 Nov 30 j 22:17	6° \mathcal{C} 29'28	47°04'12
	-2523 Apr 18 j 18:10	0° \mathcal{H}		asc. node	-2521 Dec 20 j 18:02	25° \mathcal{C} 00'40	
	-2523 May 14 j 05:49	0° Υ			-2521 Dec 27 j 04:40	0° \approx	
	-2523 Jun 08 j 06:24	0° \mathcal{B}		greatest brilliancy	-2520 Jan 06 j 05:54	6° \approx 10'32	-4.6m
	-2523 Jul 02 j 21:23	0° \mathbb{I}		retrograde	-2520 Jan 20 j 17:25	10° \approx 00'58	
asc. node	-2523 Jul 04 j 23:44	2° \mathbb{I} 34'35		evening set	-2520 Feb 07 j 09:29	3° \approx 52'33	
	-2523 Jul 27 j 03:56	0° \mathcal{C}		inferior conj	-2520 Feb 10 j 21:42	1° \approx 39'43	8°24'35
morning set	-2523 Aug 04 j 08:23	10° \mathcal{C} 11'52		minimum elong	-2520 Feb 10 j 20:17	1° \approx 41'59	8°24'31
	-2523 Aug 20 j 04:03	0° Ω		min. Earth dist.	-2520 Feb 10 j 06:46	2° \approx 03'31	0.28616 AU
max. Earth dist.	-2523 Sep 09 j 17:42	25° Ω 51'48	1.71192 AU		-2520 Feb 13 j 12:51	30° \mathcal{R} \mathcal{C}	
				morning rise	-2520 Feb 14 j 07:23	29° \mathcal{C} 31'27	
superior conj	-2523 Sep 11 j 10:12	27° Ω 59'19	1°18'57	direct	-2520 Mar 03 j 02:24	23° \mathcal{C} 27'18	
minimum elong	-2523 Sep 11 j 17:09	28° Ω 21'13	1°18'52	greatest brilliancy	-2520 Mar 14 j 08:38	25° \mathcal{C} 45'29	-4.5m
	-2523 Sep 13 j 00:31	0° \mathbb{M}			-2520 Mar 22 j 21:44	0° \approx	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2520 Apr 10 j 11:08	13° \approx 51'01		desc. node	-2518 Sep 21 j 22:37	0° Ω	
morning max el	-2520 Apr 20 j 23:21	23° \approx 26'21	45°49'22	desc. node	-2518 Sep 26 j 06:22	5° Ω 23'15	
	-2520 Apr 27 j 16:51	0° \mathbb{H}			-2518 Oct 16 j 01:34	0° \mathbb{M}	
	-2520 May 26 j 01:52	0° \mathbb{Y}			-2518 Nov 09 j 08:22	0° \mathbb{X}	
	-2520 Jun 21 j 11:47	0° \mathbb{B}			-2518 Dec 03 j 22:27	0° \mathbb{Z}	
	-2520 Jul 16 j 20:47	0° \mathbb{I}			-2518 Dec 29 j 03:45	0° \approx	
asc. node	-2520 Aug 01 j 11:35	18° \mathbb{I} 54'19		asc. node	-2517 Jan 17 j 05:49	21° \approx 44'54	
	-2520 Aug 10 j 12:54	0° \mathbb{S}			-2517 Jan 24 j 18:58	0° \mathbb{H}	
	-2520 Sep 03 j 17:16	0° \mathbb{Q}		evening max el	-2517 Feb 09 j 21:09	16° \mathbb{H} 36'01	45°42'24
	-2520 Sep 27 j 14:40	0° \mathbb{P}			-2517 Feb 24 j 12:50	0° \mathbb{Y}	
morning set	-2520 Oct 16 j 17:57	24° \mathbb{P} 08'25		greatest brilliancy	-2517 Mar 16 j 02:41	13° \mathbb{Y} 18'23	-4.5m
	-2520 Oct 21 j 09:25	0° Ω		retrograde	-2517 Mar 30 j 18:21	17° \mathbb{Y} 04'47	
	-2520 Nov 14 j 04:39	0° \mathbb{M}		evening set	-2517 Apr 15 j 16:05	12° \mathbb{Y} 14'13	
desc. node	-2520 Nov 21 j 04:25	8° \mathbb{M} 47'26		inferior conj	-2517 Apr 21 j 06:16	8° \mathbb{Y} 50'17	3°55'01
				minimum elong	-2517 Apr 21 j 13:48	8° \mathbb{Y} 38'24	3°53'07
superior conj	-2520 Nov 27 j 12:01	16° \mathbb{M} 43'26	0°-14'-46	min. Earth dist.	-2517 Apr 21 j 19:01	8° \mathbb{Y} 30'11	0.29157 AU
minimum elong	-2520 Nov 27 j 07:59	16° \mathbb{M} 30'47	0°14'39	morning rise	-2517 Apr 27 j 11:14	5° \mathbb{Y} 04'16	
behind sun begin	-2520 Nov 26 j 19:48	15° \mathbb{M} 52'33		desc. node	-2517 May 08 j 22:55	0° \mathbb{Y} 46'04	
behind sun end	-2520 Nov 27 j 20:09	17° \mathbb{M} 09'00		direct	-2517 May 13 j 00:06	0° \mathbb{Y} 26'50	
max. Earth dist.	-2520 Dec 01 j 19:50	22° \mathbb{M} 09'09	1.71273 AU	greatest brilliancy	-2517 May 26 j 20:15	3° \mathbb{Y} 45'47	-4.5m
	-2520 Dec 08 j 02:02	0° \mathbb{X}			-2517 Jun 30 j 13:02	0° \mathbb{B}	
	-2519 Jan 01 j 02:13	0° \mathbb{Z}		morning max el	-2517 Jul 01 j 00:00	0° \mathbb{B} 26'18	45°57'37
evening rise	-2519 Jan 08 j 05:04	8° \mathbb{Z} 51'59			-2517 Jul 29 j 08:09	0° \mathbb{I}	
	-2519 Jan 25 j 05:47	0° \approx			-2517 Aug 24 j 11:50	0° \mathbb{S}	
	-2519 Feb 18 j 13:57	0° \mathbb{H}		asc. node	-2517 Aug 29 j 23:21	6° \mathbb{S} 30'04	
asc. node	-2519 Mar 14 j 03:49	28° \mathbb{H} 44'57			-2517 Sep 18 j 09:58	0° \mathbb{Q}	
	-2519 Mar 15 j 04:36	0° \mathbb{Y}			-2517 Oct 12 j 16:30	0° \mathbb{P}	
	-2519 Apr 09 j 04:11	0° \mathbb{B}			-2517 Nov 05 j 16:07	0° Ω	
	-2519 May 04 j 16:19	0° \mathbb{I}			-2517 Nov 29 j 14:21	0° \mathbb{M}	
	-2519 May 31 j 00:43	0° \mathbb{S}		desc. node	-2517 Dec 19 j 16:27	25° \mathbb{M} 07'50	
	-2519 Jun 28 j 03:22	0° \mathbb{Q}			-2517 Dec 23 j 14:03	0° \mathbb{X}	
desc. node	-2519 Jul 03 j 20:27	5° \mathbb{Q} 40'21		morning set	-2516 Jan 03 j 03:17	13° \mathbb{X} 09'30	
evening max el	-2519 Jul 05 j 10:11	7° \mathbb{Q} 11'56	46°09'43		-2516 Jan 16 j 16:09	0° \mathbb{Z}	
	-2519 Aug 01 j 21:03	0° \mathbb{P}			-2516 Feb 09 j 20:45	0° \approx	
greatest brilliancy	-2519 Aug 13 j 14:38	5° \mathbb{P} 59'28	-4.6m				
retrograde	-2519 Aug 23 j 21:33	7° \mathbb{P} 54'37		superior conj	-2516 Feb 12 j 12:37	3° \approx 17'30	-1°-24'-14
evening set	-2519 Sep 10 j 08:34	2° \mathbb{P} 12'18		minimum elong	-2516 Feb 12 j 11:35	3° \approx 14'18	1°24'19
inferior conj	-2519 Sep 13 j 15:12	0° \mathbb{P} 14'26	-8°-16'-55	max. Earth dist.	-2516 Feb 15 j 15:58	7° \approx 10'21	1.72837 AU
minimum elong	-2519 Sep 13 j 23:05	0° \mathbb{P} 02'28	8°15'56		-2516 Mar 05 j 03:56	0° \mathbb{H}	
min. Earth dist.	-2519 Sep 14 j 05:25	29° \mathbb{Q} 52'50	0.26929 AU	evening rise	-2516 Mar 21 j 15:10	20° \mathbb{H} 15'08	
	-2519 Sep 14 j 00:42	30° \mathbb{R} \mathbb{Q}			-2516 Mar 29 j 13:50	0° \mathbb{Y}	
morning rise	-2519 Sep 17 j 13:24	27° \mathbb{Q} 53'45		asc. node	-2516 Apr 10 j 15:53	14° \mathbb{Y} 47'54	
direct	-2519 Oct 04 j 06:49	22° \mathbb{Q} 31'18			-2516 Apr 23 j 02:40	0° \mathbb{B}	
greatest brilliancy	-2519 Oct 17 j 10:44	25° \mathbb{Q} 44'12	-4.7m		-2516 May 17 j 18:40	0° \mathbb{I}	
asc. node	-2519 Oct 24 j 20:26	29° \mathbb{Q} 52'05			-2516 Jun 11 j 14:49	0° \mathbb{S}	
	-2519 Oct 25 j 01:20	0° \mathbb{P}			-2516 Jul 06 j 17:31	0° \mathbb{Q}	
morning max el	-2519 Nov 24 j 01:52	26° \mathbb{P} 09'54	46°52'51	desc. node	-2516 Jul 31 j 08:18	28° \mathbb{Q} 51'59	
	-2519 Nov 27 j 18:50	0° Ω			-2516 Aug 01 j 07:49	0° \mathbb{P}	
	-2519 Dec 24 j 23:49	0° \mathbb{M}			-2516 Aug 27 j 21:16	0° Ω	
	-2518 Jan 19 j 18:19	0° \mathbb{X}		evening max el	-2516 Sep 16 j 22:28	21° Ω 09'48	47°25'14
desc. node	-2518 Feb 13 j 14:03	29° \mathbb{X} 28'30			-2516 Sep 26 j 00:24	0° \mathbb{M}	
	-2518 Feb 14 j 00:36	0° \mathbb{Z}		greatest brilliancy	-2516 Oct 25 j 20:25	21° \mathbb{M} 50'29	-4.7m
	-2518 Mar 11 j 01:18	0° \approx		retrograde	-2516 Nov 06 j 18:55	24° \mathbb{M} 32'31	
	-2518 Apr 04 j 22:19	0° \mathbb{H}		evening set	-2516 Nov 21 j 05:22	20° \mathbb{M} 21'00	
	-2518 Apr 29 j 15:54	0° \mathbb{Y}		asc. node	-2516 Nov 21 j 08:17	20° \mathbb{M} 17'02	
	-2518 May 24 j 05:38	0° \mathbb{B}		min. Earth dist.	-2516 Nov 26 j 17:36	17° \mathbb{M} 06'20	0.26574 AU
morning set	-2518 May 25 j 19:26	1° \mathbb{B} 55'50		inferior conj	-2516 Nov 27 j 10:08	16° \mathbb{M} 40'49	1°33'08
asc. node	-2518 Jun 06 j 13:57	16° \mathbb{B} 23'15		minimum elong	-2516 Nov 27 j 06:42	16° \mathbb{M} 46'06	1°32'01
	-2518 Jun 17 j 14:57	0° \mathbb{I}		morning rise	-2516 Dec 03 j 08:34	13° \mathbb{M} 10'19	
max. Earth dist.	-2518 Jun 26 j 16:40	11° \mathbb{I} 13'10	1.72858 AU	direct	-2516 Dec 17 j 16:24	9° \mathbb{M} 02'02	
				greatest brilliancy	-2516 Dec 28 j 19:05	11° \mathbb{M} 20'36	-4.6m
superior conj	-2518 Jun 30 j 22:28	16° \mathbb{I} 28'29	0°53'12		-2515 Jan 24 j 23:00	0° \mathbb{X}	
minimum elong	-2518 Jun 30 j 14:00	16° \mathbb{I} 02'16	0°52'57	morning max el	-2515 Feb 05 j 09:39	10° \mathbb{X} 44'05	46°21'59
	-2518 Jul 11 j 19:55	0° \mathbb{S}			-2515 Feb 24 j 02:28	0° \mathbb{Z}	
	-2518 Aug 04 j 21:34	0° \mathbb{Q}		desc. node	-2515 Mar 13 j 01:44	18° \mathbb{Z} 33'40	
evening rise	-2518 Aug 06 j 07:06	1° \mathbb{Q} 44'38			-2515 Mar 23 j 05:47	0° \approx	
	-2518 Aug 28 j 21:49	0° \mathbb{P}			-2515 Apr 18 j 06:57	0° \mathbb{H}	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2515 May 13 j 17:40	0°♊				-2513 Dec 28 j 03:02	0°♊	
	-2515 Jun 07 j 17:43	0°♋		greatest brilliancy		-2512 Jan 04 j 00:32	3°♊59'32	-4.6m
	-2515 Jul 02 j 08:24	0°♌		retrograde		-2512 Jan 18 j 09:55	7°♊47'09	
asc. node	-2515 Jul 04 j 01:47	2°♌07'05		evening set		-2512 Feb 05 j 00:24	1°♊41'13	
	-2515 Jul 26 j 14:49	0°♍				-2512 Feb 07 j 16:43	30°♋	
morning set	-2515 Aug 02 j 00:13	7°♍57'34		min. Earth dist.		-2512 Feb 07 j 21:29	29°♋52'24	0.28556 AU
	-2515 Aug 19 j 14:55	0°♎		inferior conj		-2512 Feb 08 j 13:46	29°♋26'24	8°23'16
max. Earth dist.	-2515 Sep 07 j 04:19	23°♎19'47	1.71227 AU	minimum elong		-2512 Feb 08 j 11:36	29°♋29'51	8°23'09
				morning rise		-2512 Feb 11 j 23:08	27°♋18'31	
superior conj	-2515 Sep 08 j 23:30	25°♎35'42	1°20'09	direct		-2512 Feb 29 j 18:10	21°♋15'16	
minimum elong	-2515 Sep 09 j 05:41	25°♎55'12	1°20'05	greatest brilliancy		-2512 Mar 11 j 21:01	23°♋30'21	-4.5m
	-2515 Sep 12 j 11:26	0°♏				-2512 Mar 24 j 00:52	0°♋	
	-2515 Oct 06 j 07:05	0°♐		desc. node		-2512 Apr 09 j 13:21	12°♋55'37	
evening rise	-2515 Oct 19 j 16:40	16°♐51'28		morning max el		-2512 Apr 18 j 14:30	21°♋14'40	45°49'41
desc. node	-2515 Oct 23 j 18:33	21°♐58'57				-2512 Apr 27 j 12:35	0°♋	
	-2515 Oct 30 j 03:50	0°♑				-2512 May 25 j 16:39	0°♊	
	-2515 Nov 23 j 02:53	0°♒				-2512 Jun 21 j 00:38	0°♋	
	-2515 Dec 17 j 05:26	0°♓				-2512 Jul 16 j 08:41	0°♌	
	-2514 Jan 10 j 13:46	0°♊		asc. node		-2512 Jul 31 j 13:37	18°♌25'12	
asc. node	-2514 Feb 04 j 08:06	0°♋				-2512 Aug 10 j 00:19	0°♍	
	-2514 Feb 13 j 17:45	11°♋11'51				-2512 Sep 03 j 04:28	0°♎	
	-2514 Mar 01 j 19:37	0°♊				-2512 Sep 27 j 01:45	0°♏	
	-2514 Mar 28 j 14:27	0°♋		morning set		-2512 Oct 14 j 04:57	21°♏36'51	
evening max el	-2514 Apr 21 j 15:39	24°♋35'09	45°12'02			-2512 Oct 20 j 20:27	0°♐	
	-2514 Apr 27 j 11:42	0°♌				-2512 Nov 13 j 15:40	0°♑	
greatest brilliancy	-2514 May 27 j 02:29	20°♌56'40	-4.5m	desc. node		-2512 Nov 20 j 06:35	8°♑19'41	
desc. node	-2514 Jun 05 j 10:48	23°♌36'39						
retrograde	-2514 Jun 09 j 01:12	23°♌51'14		superior conj		-2512 Nov 24 j 21:05	14°♑06'48	0°-10'-49
evening set	-2514 Jun 24 j 10:57	19°♌20'54		minimum elong		-2512 Nov 24 j 18:07	13°♑57'28	0°10'44
inferior conj	-2514 Jun 30 j 07:23	15°♌53'56	-5°-26'-31	behind sun begin		-2512 Nov 23 j 21:27	12°♑52'32	
minimum elong	-2514 Jun 29 j 21:31	16°♌09'02	5°24'11	behind sun end		-2512 Nov 25 j 14:48	15°♑02'24	
min. Earth dist.	-2514 Jun 30 j 14:12	15°♌43'30	0.28364 AU	max. Earth dist.		-2512 Nov 29 j 03:48	19°♑29'12	1.71225 AU
morning rise	-2514 Jul 05 j 07:43	12°♌54'07				-2512 Dec 07 j 13:00	0°♒	
direct	-2514 Jul 21 j 19:51	7°♌45'28				-2512 Dec 31 j 13:07	0°♓	
greatest brilliancy	-2514 Aug 05 j 09:17	11°♌30'09	-4.6m	evening rise		-2511 Jan 05 j 16:32	6°♓24'21	
	-2514 Aug 30 j 18:45	0°♍				-2511 Jan 24 j 16:41	0°♊	
morning max el	-2514 Sep 09 j 23:18	9°♍46'31	46°35'40			-2511 Feb 18 j 00:58	0°♋	
asc. node	-2514 Sep 26 j 11:00	27°♍09'46		asc. node		-2511 Mar 13 j 05:55	28°♋17'01	
	-2514 Sep 29 j 00:35	0°♎				-2511 Mar 14 j 15:57	0°♊	
	-2514 Oct 25 j 00:18	0°♏				-2511 Apr 08 j 16:09	0°♋	
	-2514 Nov 18 j 20:52	0°♐				-2511 May 04 j 05:28	0°♌	
	-2514 Dec 13 j 07:38	0°♑				-2511 May 30 j 16:11	0°♍	
	-2513 Jan 06 j 16:07	0°♒				-2511 Jun 28 j 00:39	0°♎	
desc. node	-2513 Jan 16 j 04:15	11°♒42'07		desc. node		-2511 Jul 02 j 22:31	4°♎48'50	
	-2513 Jan 31 j 01:12	0°♓		evening max el		-2511 Jul 02 j 22:16	4°♎48'13	46°06'41
	-2513 Feb 24 j 11:19	0°♊				-2511 Aug 03 j 09:41	0°♏	
morning set	-2513 Mar 17 j 04:12	25°♊24'10		greatest brilliancy		-2511 Aug 11 j 03:04	3°♏34'27	-4.6m
	-2513 Mar 20 j 22:10	0°♋		retrograde		-2511 Aug 21 j 08:53	5°♏28'56	
	-2513 Apr 14 j 09:10	0°♊				-2511 Sep 07 j 11:37	30°♎	
max. Earth dist.	-2513 Apr 22 j 02:03	9°♊27'03	1.73718 AU	evening set		-2511 Sep 07 j 23:24	29°♎42'53	
				inferior conj		-2511 Sep 11 j 03:42	27°♎48'32	-8°-25'-5
superior conj	-2513 Apr 22 j 19:57	10°♊22'01	0°-37'-6	minimum elong		-2511 Sep 11 j 10:51	27°♎37'39	8°24'18
minimum elong	-2513 Apr 23 j 02:45	10°♊42'51	0°36'49	min. Earth dist.		-2511 Sep 11 j 18:24	27°♎26'11	0.26982 AU
	-2513 May 08 j 19:45	0°♋		morning rise		-2511 Sep 14 j 22:05	25°♎33'12	
asc. node	-2513 May 09 j 04:03	0°♋25'28		direct		-2511 Oct 01 j 19:24	20°♎04'18	
evening rise	-2513 May 28 j 17:52	24°♋29'13		greatest brilliancy		-2511 Oct 15 j 02:22	23°♎19'48	-4.7m
	-2513 Jun 02 j 05:24	0°♌		asc. node		-2511 Oct 23 j 22:42	28°♎25'47	
	-2513 Jun 26 j 14:10	0°♍				-2511 Oct 26 j 04:36	0°♏	
	-2513 Jul 20 j 22:57	0°♎		morning max el		-2511 Nov 21 j 14:13	23°♏40'19	46°53'18
	-2513 Aug 14 j 09:24	0°♏				-2511 Nov 27 j 15:57	0°♐	
desc. node	-2513 Aug 28 j 20:20	17°♏39'49				-2511 Dec 24 j 15:44	0°♑	
	-2513 Sep 07 j 23:48	0°♐				-2510 Jan 19 j 08:01	0°♒	
	-2513 Oct 02 j 21:33	0°♑		desc. node		-2510 Feb 12 j 16:05	28°♒57'15	
	-2513 Oct 28 j 10:16	0°♒				-2510 Feb 13 j 13:04	0°♓	
	-2513 Nov 24 j 12:32	0°♓				-2510 Mar 10 j 12:59	0°♊	
evening max el	-2513 Nov 28 j 14:26	4°♓13'23	47°06'37			-2510 Apr 04 j 09:30	0°♋	
asc. node	-2513 Dec 19 j 20:05	23°♓54'19				-2510 Apr 29 j 02:48	0°♊	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 79

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2510 May 23 j 14:17	29°Υ53'35		evening set	-2508 Nov 18 j 18:04	17°Μ52'00	
	-2510 May 23 j 16:23	0°Ϡ		asc. node	-2508 Nov 20 j 10:18	16°Μ55'43	
asc. node	-2510 Jun 05 j 15:59	15°Ϡ56'36		inferior conj	-2508 Nov 24 j 22:45	14°Μ12'18	1°09'32
	-2510 Jun 17 j 01:41	0°Π		minimum elong	-2508 Nov 24 j 20:10	14°Μ16'17	1°08'39
max. Earth dist.	-2510 Jun 24 j 12:49	9°Π13'46	1.72915 AU	min. Earth dist.	-2508 Nov 24 j 07:09	14°Μ36'18	0.26533 AU
				morning rise	-2508 Nov 30 j 22:50	10°Μ40'18	
superior conj	-2510 Jun 28 j 16:44	14°Π23'06	0°50'43	direct	-2508 Dec 15 j 05:08	6°Μ34'10	
minimum elong	-2510 Jun 28 j 08:27	13°Π57'29	0°50'28	greatest brilliancy	-2508 Dec 26 j 08:44	8°Μ54'26	-4.6m
	-2510 Jul 11 j 06:41	0°Ϡ			-2507 Jan 25 j 03:59	0°Ϡ	
evening rise	-2510 Aug 03 j 23:18	29°Ϡ31'19		morning max el	-2507 Feb 03 j 00:17	8°Ϡ24'40	46°23'25
	-2510 Aug 04 j 08:29	0°Ω			-2507 Feb 23 j 20:21	0°Ϡ	
	-2510 Aug 28 j 08:57	0°η		desc. node	-2507 Mar 12 j 03:54	17°Ϡ56'28	
	-2510 Sep 21 j 10:03	0°♄			-2507 Mar 22 j 20:14	0°≈	
desc. node	-2510 Sep 25 j 08:33	4°♄54'18			-2507 Apr 17 j 19:47	0°Ϡ	
	-2510 Oct 15 j 13:21	0°Μ			-2507 May 13 j 05:36	0°Υ	
	-2510 Nov 08 j 20:35	0°Ϡ			-2507 Jun 07 j 05:06	0°Ϡ	
	-2510 Dec 03 j 11:21	0°Ϡ			-2507 Jul 01 j 19:31	0°Π	
	-2510 Dec 28 j 17:58	0°≈		asc. node	-2507 Jul 03 j 03:52	1°Π39'22	
asc. node	-2509 Jan 16 j 07:54	21°≈05'54			-2507 Jul 26 j 01:50	0°Ϡ	
	-2509 Jan 24 j 12:26	0°Ϡ		morning set	-2507 Jul 30 j 16:22	5°Ϡ43'59	
evening max el	-2509 Feb 07 j 11:45	14°Ϡ21'24	45°45'02		-2507 Aug 19 j 01:58	0°Ω	
	-2509 Feb 24 j 20:00	0°Υ		max. Earth dist.	-2507 Sep 04 j 12:40	20°Ω40'01	1.71270 AU
greatest brilliancy	-2509 Mar 13 j 17:38	11°Υ09'15	-4.5m				
retrograde	-2509 Mar 28 j 11:30	14°Υ58'53		superior conj	-2507 Sep 06 j 12:59	23°Ω12'00	1°21'11
evening set	-2509 Apr 13 j 11:15	10°Υ04'24		minimum elong	-2507 Sep 06 j 18:23	23°Ω29'01	1°21'10
inferior conj	-2509 Apr 18 j 23:17	6°Υ43'34	4°11'29		-2507 Sep 11 j 22:35	0°η	
minimum elong	-2509 Apr 19 j 07:11	6°Υ31'07	4°09'32		-2507 Oct 05 j 18:21	0°♄	
min. Earth dist.	-2509 Apr 19 j 11:51	6°Υ23'47	0.29173 AU	evening rise	-2507 Oct 17 j 02:05	14°♄14'34	
morning rise	-2509 Apr 25 j 02:52	2°Υ59'34		desc. node	-2507 Oct 22 j 20:41	21°♄30'01	
	-2509 May 01 j 12:00	30°Ϡ			-2507 Oct 29 j 15:13	0°Μ	
desc. node	-2509 May 08 j 01:02	28°Ϡ27'58			-2507 Nov 22 j 14:23	0°Ϡ	
direct	-2509 May 10 j 16:40	28°Ϡ19'43			-2507 Dec 16 j 17:07	0°Ϡ	
	-2509 May 20 j 08:10	0°Υ			-2506 Jan 10 j 01:46	0°≈	
greatest brilliancy	-2509 May 24 j 12:56	1°Υ38'49	-4.5m		-2506 Feb 03 j 20:41	0°Ϡ	
morning max el	-2509 Jun 28 j 16:37	28°Υ17'48	45°56'37	asc. node	-2506 Feb 12 j 19:56	10°Ϡ39'57	
	-2509 Jun 30 j 10:53	0°Ϡ			-2506 Mar 01 j 09:27	0°Υ	
	-2509 Jul 28 j 23:43	0°Π			-2506 Mar 28 j 07:09	0°Ϡ	
	-2509 Aug 24 j 01:14	0°Ϡ		evening max el	-2506 Apr 19 j 07:57	22°Ϡ25'25	45°11'43
asc. node	-2509 Aug 29 j 01:28	5°Ϡ57'11			-2506 Apr 27 j 14:10	0°Π	
	-2509 Sep 17 j 22:22	0°Ω		greatest brilliancy	-2506 May 24 j 16:13	18°Π43'10	-4.5m
	-2509 Oct 12 j 04:23	0°η		desc. node	-2506 Jun 04 j 12:48	21°Π33'30	
	-2509 Nov 05 j 03:43	0°♄		retrograde	-2506 Jun 06 j 16:07	21°Π38'40	
	-2509 Nov 29 j 01:46	0°Μ		evening set	-2506 Jun 22 j 00:00	17°Π11'30	
desc. node	-2509 Dec 18 j 18:24	24°Μ38'47		inferior conj	-2506 Jun 27 j 22:41	13°Π40'59	-5°-9'-57
	-2509 Dec 23 j 01:17	0°Ϡ		minimum elong	-2506 Jun 27 j 13:05	13°Π55'44	5°07'36
morning set	-2509 Dec 31 j 13:37	10°Ϡ37'15		min. Earth dist.	-2506 Jun 28 j 05:26	13°Π30'38	0.28398 AU
	-2508 Jan 16 j 03:15	0°Ϡ		morning rise	-2506 Jul 03 j 01:46	10°Π36'53	
	-2508 Feb 09 j 07:44	0°≈		direct	-2506 Jul 19 j 11:59	5°Π32'06	
				greatest brilliancy	-2506 Aug 02 j 23:51	9°Π14'37	-4.6m
superior conj	-2508 Feb 10 j 02:44	0°≈58'47	-1°-24'-1		-2506 Aug 30 j 21:19	0°Ϡ	
minimum elong	-2508 Feb 10 j 00:50	0°≈52'54	1°24'04	morning max el	-2506 Sep 07 j 13:38	7°Ϡ26'35	46°34'09
max. Earth dist.	-2508 Feb 13 j 06:13	4°≈52'13	1.72782 AU	asc. node	-2506 Sep 25 j 13:15	26°Ϡ27'01	
	-2508 Mar 04 j 14:50	0°Ϡ			-2506 Sep 28 j 17:52	0°Ω	
evening rise	-2508 Mar 19 j 07:59	18°Ϡ06'00			-2506 Oct 24 j 14:49	0°η	
	-2508 Mar 29 j 00:45	0°Υ			-2506 Nov 18 j 10:07	0°♄	
asc. node	-2508 Apr 09 j 18:07	14°Υ21'14			-2506 Dec 12 j 20:08	0°Μ	
	-2508 Apr 22 j 13:44	0°Ϡ			-2505 Jan 06 j 04:08	0°Ϡ	
	-2508 May 17 j 06:06	0°Π		desc. node	-2505 Jan 15 j 06:24	11°Ϡ12'14	
	-2508 Jun 11 j 02:53	0°Ϡ			-2505 Jan 30 j 12:50	0°Ϡ	
	-2508 Jul 06 j 06:36	0°Ω			-2505 Feb 23 j 22:40	0°≈	
desc. node	-2508 Jul 30 j 10:19	28°Ω15'16		morning set	-2505 Mar 14 j 20:44	23°≈13'30	
	-2508 Jul 31 j 22:39	0°η			-2505 Mar 20 j 09:17	0°Ϡ	
	-2508 Aug 27 j 15:33	0°♄			-2505 Apr 13 j 20:10	0°Υ	
evening max el	-2508 Sep 14 j 12:37	18°♄46'02	47°23'52	max. Earth dist.	-2505 Apr 19 j 23:58	7°Υ33'17	1.73711 AU
	-2508 Sep 26 j 05:16	0°Μ					
greatest brilliancy	-2508 Oct 23 j 10:35	19°Μ22'20	-4.7m	superior conj	-2505 Apr 20 j 14:19	8°Υ17'20	0°-39'-52
retrograde	-2508 Nov 04 j 08:24	22°Μ03'15		minimum elong	-2505 Apr 20 j 21:30	8°Υ39'23	0°39'35

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2505 May 08 j 06:06	29°Υ58'03		morning rise	-2503 Sep 12 j 07:14	23°Ω12'51	
	-2505 May 08 j 06:44	0°Ϡ		direct	-2503 Sep 29 j 08:17	17°Ω37'32	
evening rise	-2505 May 26 j 13:20	22°Ϡ27'26		greatest brilliancy	-2503 Oct 12 j 18:21	20°Ω56'11	-4.7m
	-2505 Jun 01 j 16:29	0°Π		asc. node	-2503 Oct 23 j 00:42	27°Ω01'54	
	-2505 Jun 26 j 01:28	0°ϣ			-2503 Oct 27 j 00:39	0°η	
	-2505 Jul 20 j 10:35	0°Ω		morning max el	-2503 Nov 19 j 03:31	21°η12'50	46°53'36
	-2505 Aug 13 j 21:32	0°η			-2503 Nov 27 j 12:32	0°♄	
desc. node	-2505 Aug 27 j 22:34	17°η08'21			-2503 Dec 24 j 07:39	0°♌	
	-2505 Sep 07 j 12:40	0°♄			-2502 Jan 18 j 21:56	0°♁	
	-2505 Oct 02 j 11:35	0°♌		desc. node	-2502 Feb 11 j 18:16	28°♁25'25	
	-2505 Oct 28 j 02:21	0°♁			-2502 Feb 13 j 01:51	0°♄	
	-2505 Nov 24 j 09:42	0°♄			-2502 Mar 10 j 01:03	0°≈	
evening max el	-2505 Nov 26 j 05:37	1°♄52'56	47°08'47		-2502 Apr 03 j 21:05	0°♁	
asc. node	-2505 Dec 18 j 22:10	22°♄44'19			-2502 Apr 28 j 14:03	0°Υ	
	-2505 Dec 29 j 11:49	0°≈		morning set	-2502 May 21 j 08:51	27°Υ49'27	
greatest brilliancy	-2504 Jan 01 j 19:34	1°≈46'35	-4.6m		-2502 May 23 j 03:28	0°Ϡ	
retrograde	-2504 Jan 16 j 01:47	5°≈30'43		asc. node	-2502 Jun 04 j 18:03	15°Ϡ29'02	
	-2504 Feb 01 j 17:40	30°Ϡ			-2502 Jun 16 j 12:42	0°Π	
evening set	-2504 Feb 02 j 14:47	29°♄27'53		max. Earth dist.	-2502 Jun 22 j 10:17	7°Π17'31	1.72968 AU
min. Earth dist.	-2504 Feb 05 j 12:21	27°♄38'16	0.28493 AU				
inferior conj	-2504 Feb 06 j 05:35	27°♄10'43	8°21'13	superior conj	-2502 Jun 26 j 10:51	12°Π16'23	0°48'10
minimum elong	-2504 Feb 06 j 02:41	27°♄15'21	8°21'02	minimum elong	-2502 Jun 26 j 02:48	11°Π51'27	0°47'54
morning rise	-2504 Feb 09 j 14:56	25°♄02'43			-2502 Jul 10 j 17:46	0°ϣ	
direct	-2504 Feb 27 j 09:08	19°♄00'49		evening rise	-2502 Aug 01 j 15:43	27°ϣ17'50	
greatest brilliancy	-2504 Mar 09 j 09:56	21°♄13'38	-4.5m		-2502 Aug 03 j 19:42	0°Ω	
	-2504 Mar 24 j 21:37	0°≈			-2502 Aug 27 j 20:23	0°η	
desc. node	-2504 Apr 08 j 15:31	11°≈59'49			-2502 Sep 20 j 21:43	0°♄	
morning max el	-2504 Apr 16 j 04:39	18°≈59'03	45°50'13	desc. node	-2502 Sep 24 j 10:38	4°♄24'21	
	-2504 Apr 27 j 08:15	0°♁			-2502 Oct 15 j 01:19	0°♌	
	-2504 May 25 j 07:40	0°Υ			-2502 Nov 08 j 08:59	0°♁	
	-2504 Jun 20 j 13:46	0°Ϡ			-2502 Dec 03 j 00:28	0°♄	
	-2504 Jul 15 j 20:53	0°Π			-2502 Dec 28 j 08:33	0°≈	
asc. node	-2504 Jul 30 j 15:48	17°Π55'42		asc. node	-2501 Jan 15 j 10:03	20°≈25'55	
	-2504 Aug 09 j 12:02	0°ϣ			-2501 Jan 24 j 06:37	0°♁	
	-2504 Sep 02 j 15:55	0°Ω		evening max el	-2501 Feb 05 j 03:03	12°♁07'24	45°47'27
	-2504 Sep 26 j 13:05	0°η			-2501 Feb 25 j 06:37	0°Υ	
morning set	-2504 Oct 11 j 16:26	19°η05'50		greatest brilliancy	-2501 Mar 11 j 08:44	8°Υ58'40	-4.5m
	-2504 Oct 20 j 07:46	0°♄		retrograde	-2501 Mar 26 j 04:51	12°Υ50'50	
	-2504 Nov 13 j 03:00	0°♌		evening set	-2501 Apr 11 j 06:13	7°Υ52'27	
desc. node	-2504 Nov 19 j 08:35	7°♌50'23		inferior conj	-2501 Apr 16 j 15:59	4°Υ34'44	4°27'49
				minimum elong	-2501 Apr 17 j 00:13	4°Υ21'47	4°25'51
superior conj	-2504 Nov 22 j 06:10	11°♌28'59	0°-6'-50	min. Earth dist.	-2501 Apr 17 j 04:04	4°Υ15'42	0.29187 AU
minimum elong	-2504 Nov 22 j 04:17	11°♌23'03	0°06'47	morning rise	-2501 Apr 22 j 18:01	0°Υ53'07	
behind sun begin	-2504 Nov 21 j 03:25	10°♌04'57			-2501 Apr 24 j 09:15	30°Ϡ	
behind sun end	-2504 Nov 23 j 05:09	12°♌41'09		desc. node	-2501 May 07 j 03:01	26°♁12'30	
max. Earth dist.	-2504 Nov 26 j 08:15	16°♌36'54	1.71190 AU	direct	-2501 May 08 j 09:16	26°♁10'38	
	-2504 Dec 07 j 00:21	0°♁		greatest brilliancy	-2501 May 22 j 04:50	29°♁29'25	-4.5m
	-2504 Dec 31 j 00:29	0°♄			-2501 May 23 j 07:16	0°Υ	
evening rise	-2503 Jan 03 j 03:26	3°♄53'27		morning max el	-2501 Jun 26 j 09:40	26°Υ09'32	45°55'43
	-2503 Jan 24 j 04:04	0°≈			-2501 Jun 30 j 08:20	0°Ϡ	
	-2503 Feb 17 j 12:29	0°♁			-2501 Jul 28 j 15:19	0°Π	
asc. node	-2503 Mar 12 j 08:07	27°♁47'56			-2501 Aug 23 j 14:43	0°ϣ	
	-2503 Mar 14 j 03:47	0°Υ		asc. node	-2501 Aug 28 j 03:39	5°ϣ24'07	
	-2503 Apr 08 j 04:38	0°Ϡ			-2501 Sep 17 j 10:52	0°Ω	
	-2503 May 03 j 19:09	0°Π			-2501 Oct 11 j 16:23	0°η	
	-2503 May 30 j 08:19	0°ϣ			-2501 Nov 04 j 15:25	0°♄	
	-2503 Jun 27 j 23:08	0°Ω			-2501 Nov 28 j 13:13	0°♌	
evening max el	-2503 Jun 30 j 10:18	2°Ω23'43	46°03'52	desc. node	-2501 Dec 17 j 20:33	24°♌10'13	
desc. node	-2503 Jul 02 j 00:38	3°Ω55'33			-2501 Dec 22 j 12:34	0°♁	
	-2503 Aug 05 j 18:08	0°η		morning set	-2501 Dec 29 j 00:18	8°♁05'56	
greatest brilliancy	-2503 Aug 08 j 15:04	1°η08'48	-4.6m		-2500 Jan 15 j 14:22	0°♄	
retrograde	-2503 Aug 18 j 20:58	3°η03'42					
	-2503 Aug 31 j 09:54	30°Ϡ		superior conj	-2500 Feb 07 j 16:49	28°♄39'42	-1°-23'-38
evening set	-2503 Sep 05 j 14:13	27°Ω13'59		minimum elong	-2500 Feb 07 j 14:02	28°♄31'06	1°23'41
inferior conj	-2503 Sep 08 j 16:26	25°Ω22'51	-8°-32'-16		-2500 Feb 08 j 18:46	0°≈	
minimum elong	-2503 Sep 08 j 22:50	25°Ω13'09	8°31'38	max. Earth dist.	-2500 Feb 10 j 22:09	2°≈38'59	1.72734 AU
min. Earth dist.	-2503 Sep 09 j 07:26	25°Ω00'06	0.27034 AU		-2500 Mar 04 j 01:50	0°♁	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

evening rise	-2500 Mar 17 j 00:39	15° Υ 55'57			-2498 Oct 24 j 04:58	0° \mathfrak{M}	
	-2500 Mar 28 j 11:49	0° Υ			-2498 Nov 17 j 23:01	0° \mathfrak{L}	
asc. node	-2500 Apr 08 j 20:06	13° Υ 53'15			-2498 Dec 12 j 08:19	0° \mathfrak{M}	
	-2500 Apr 22 j 00:59	0° \mathfrak{B}			-2497 Jan 05 j 15:51	0° \mathfrak{A}	
	-2500 May 16 j 17:43	0° \mathfrak{H}		desc. node	-2497 Jan 14 j 08:31	10° \mathfrak{A} 43'10	
	-2500 Jun 10 j 15:08	0° \mathfrak{S}			-2497 Jan 30 j 00:11	0° \mathfrak{S}	
	-2500 Jul 05 j 19:55	0° \mathfrak{Q}			-2497 Feb 23 j 09:42	0° \approx	
desc. node	-2500 Jul 29 j 12:31	27° \mathfrak{Q} 38'31		morning set	-2497 Mar 12 j 13:24	21° \approx 04'05	
	-2500 Jul 31 j 13:45	0° \mathfrak{M}			-2497 Mar 19 j 20:05	0° \mathfrak{H}	
	-2500 Aug 27 j 10:20	0° \mathfrak{L}			-2497 Apr 13 j 06:51	0° Υ	
evening max el	-2500 Sep 12 j 03:32	16° \mathfrak{L} 24'11	47°22'24				
	-2500 Sep 26 j 12:13	0° \mathfrak{M}		superior conj	-2497 Apr 18 j 08:52	6° Υ 14'13	0°-42'-35
greatest brilliancy	-2500 Oct 21 j 01:11	16° \mathfrak{M} 54'46	-4.7m	minimum elong	-2497 Apr 18 j 16:24	6° Υ 37'21	0°42'16
retrograde	-2500 Nov 01 j 22:01	19° \mathfrak{M} 33'48		max. Earth dist.	-2497 Apr 17 j 21:16	5° Υ 38'38	1.73704 AU
evening set	-2500 Nov 16 j 07:03	15° \mathfrak{M} 22'55		asc. node	-2497 May 07 j 08:12	29° Υ 31'40	
asc. node	-2500 Nov 19 j 12:26	13° \mathfrak{M} 31'56			-2497 May 07 j 17:26	0° \mathfrak{B}	
inferior conj	-2500 Nov 22 j 11:21	11° \mathfrak{M} 43'47	0°45'35	evening rise	-2497 May 24 j 08:50	20° \mathfrak{B} 26'42	
minimum elong	-2500 Nov 22 j 09:39	11° \mathfrak{M} 46'23	0°44'59		-2497 Jun 01 j 03:20	0° \mathfrak{H}	
min. Earth dist.	-2500 Nov 21 j 20:39	12° \mathfrak{M} 06'23	0.26491 AU		-2497 Jun 25 j 12:34	0° \mathfrak{S}	
morning rise	-2500 Nov 28 j 12:53	8° \mathfrak{M} 10'24			-2497 Jul 19 j 22:03	0° \mathfrak{Q}	
direct	-2500 Dec 12 j 18:02	4° \mathfrak{M} 06'35			-2497 Aug 13 j 09:32	0° \mathfrak{M}	
greatest brilliancy	-2500 Dec 23 j 21:27	6° \mathfrak{M} 27'16	-4.6m	desc. node	-2497 Aug 27 j 00:36	16° \mathfrak{M} 36'50	
	-2499 Jan 25 j 07:04	0° \mathfrak{A}			-2497 Sep 07 j 01:24	0° \mathfrak{L}	
morning max el	-2499 Jan 31 j 14:35	6° \mathfrak{A} 04'40	46°24'49		-2497 Oct 02 j 01:28	0° \mathfrak{M}	
	-2499 Feb 23 j 13:42	0° \mathfrak{S}			-2497 Oct 27 j 18:23	0° \mathfrak{A}	
desc. node	-2499 Mar 11 j 06:03	17° \mathfrak{S} 19'57		evening max el	-2497 Nov 23 j 19:58	29° \mathfrak{A} 31'13	47°11'00
	-2499 Mar 22 j 10:26	0° \approx			-2497 Nov 24 j 07:14	0° \mathfrak{S}	
	-2499 Apr 17 j 08:29	0° \mathfrak{H}		asc. node	-2497 Dec 18 j 00:23	21° \mathfrak{S} 33'40	
	-2499 May 12 j 17:28	0° Υ		greatest brilliancy	-2497 Dec 30 j 13:57	29° \mathfrak{S} 33'32	-4.6m
	-2499 Jun 06 j 16:30	0° \mathfrak{B}			-2497 Dec 31 j 12:08	0° \approx	
	-2499 Jul 01 j 06:38	0° \mathfrak{H}		retrograde	-2496 Jan 13 j 17:29	3° \approx 15'19	
asc. node	-2499 Jul 02 j 06:04	1° \mathfrak{H} 12'00			-2496 Jan 26 j 08:06	30° \mathfrak{R} \mathfrak{S}	
	-2499 Jul 25 j 12:51	0° \mathfrak{S}		evening set	-2496 Jan 31 j 04:52	27° \mathfrak{S} 15'50	
morning set	-2499 Jul 28 j 08:20	3° \mathfrak{S} 30'00		min. Earth dist.	-2496 Feb 03 j 03:31	25° \mathfrak{S} 24'42	0.28428 AU
	-2499 Aug 18 j 12:59	0° \mathfrak{Q}		inferior conj	-2496 Feb 03 j 21:25	24° \mathfrak{S} 56'04	8°18'19
max. Earth dist.	-2499 Sep 01 j 19:11	17° \mathfrak{Q} 54'50	1.71313 AU	minimum elong	-2496 Feb 03 j 17:49	25° \mathfrak{S} 01'50	8°18'03
				morning rise	-2496 Feb 07 j 07:05	22° \mathfrak{S} 47'30	
superior conj	-2499 Sep 04 j 02:29	20° \mathfrak{Q} 48'45	1°22'05	direct	-2496 Feb 24 j 23:41	16° \mathfrak{S} 47'13	
minimum elong	-2499 Sep 04 j 07:05	21° \mathfrak{Q} 03'13	1°22'05	greatest brilliancy	-2496 Mar 06 j 23:51	18° \mathfrak{S} 59'02	-4.5m
	-2499 Sep 11 j 09:40	0° \mathfrak{M}			-2496 Mar 25 j 12:30	0° \approx	
	-2499 Oct 05 j 05:32	0° \mathfrak{L}		desc. node	-2496 Apr 07 j 17:27	11° \approx 05'53	
evening rise	-2499 Oct 14 j 11:32	11° \mathfrak{L} 38'06		morning max el	-2496 Apr 13 j 18:51	16° \approx 44'37	45°50'56
desc. node	-2499 Oct 21 j 22:39	21° \mathfrak{L} 00'49			-2496 Apr 27 j 02:52	0° \mathfrak{H}	
	-2499 Oct 29 j 02:30	0° \mathfrak{M}			-2496 May 24 j 22:02	0° Υ	
	-2499 Nov 22 j 01:48	0° \mathfrak{A}			-2496 Jun 20 j 02:25	0° \mathfrak{B}	
	-2499 Dec 16 j 04:42	0° \mathfrak{S}			-2496 Jul 15 j 08:42	0° \mathfrak{H}	
	-2498 Jan 09 j 13:38	0° \approx		asc. node	-2496 Jul 29 j 17:55	17° \mathfrak{H} 27'02	
	-2498 Feb 03 j 09:07	0° \mathfrak{H}			-2496 Aug 08 j 23:25	0° \mathfrak{S}	
asc. node	-2498 Feb 11 j 22:06	10° \mathfrak{H} 08'34			-2496 Sep 02 j 03:06	0° \mathfrak{Q}	
	-2498 Feb 28 j 23:09	0° Υ			-2496 Sep 26 j 00:10	0° \mathfrak{M}	
	-2498 Mar 27 j 23:58	0° \mathfrak{B}		morning set	-2496 Oct 09 j 03:39	16° \mathfrak{M} 34'48	
evening max el	-2498 Apr 16 j 23:30	20° \mathfrak{B} 14'15	45°11'11		-2496 Oct 19 j 18:49	0° \mathfrak{L}	
	-2498 Apr 27 j 18:06	0° \mathfrak{H}			-2496 Nov 12 j 14:02	0° \mathfrak{M}	
greatest brilliancy	-2498 May 22 j 06:07	16° \mathfrak{H} 29'51	-4.5m	desc. node	-2496 Nov 18 j 10:43	7° \mathfrak{M} 22'27	
desc. node	-2498 Jun 03 j 14:59	19° \mathfrak{H} 25'38					
retrograde	-2498 Jun 04 j 06:26	19° \mathfrak{H} 26'06		superior conj	-2496 Nov 19 j 14:58	8° \mathfrak{M} 51'15	0°-2'-47
evening set	-2498 Jun 19 j 13:04	15° \mathfrak{H} 01'45		minimum elong	-2496 Nov 19 j 14:11	8° \mathfrak{M} 48'45	0°02'48
inferior conj	-2498 Jun 25 j 13:53	11° \mathfrak{H} 28'06	-4°-52'-48	behind sun begin	-2496 Nov 18 j 11:26	7° \mathfrak{M} 24'43	
minimum elong	-2498 Jun 25 j 04:36	11° \mathfrak{H} 42'24	4°50'28	behind sun end	-2496 Nov 20 j 16:55	10° \mathfrak{M} 12'47	
min. Earth dist.	-2498 Jun 25 j 21:02	11° \mathfrak{H} 17'06	0.28433 AU	max. Earth dist.	-2496 Nov 23 j 10:36	13° \mathfrak{M} 39'04	1.71152 AU
morning rise	-2498 Jun 30 j 19:40	8° \mathfrak{H} 19'42			-2496 Dec 06 j 11:22	0° \mathfrak{A}	
direct	-2498 Jul 17 j 03:29	3° \mathfrak{H} 18'36			-2496 Dec 30 j 11:29	0° \mathfrak{S}	
greatest brilliancy	-2498 Jul 31 j 14:48	6° \mathfrak{H} 59'35	-4.6m	evening rise	-2496 Dec 31 j 14:14	1° \mathfrak{S} 23'19	
	-2498 Aug 30 j 22:26	0° \mathfrak{S}			-2495 Jan 23 j 15:06	0° \approx	
morning max el	-2498 Sep 05 j 03:11	5° \mathfrak{S} 05'03	46°32'47		-2495 Feb 16 j 23:39	0° \mathfrak{H}	
asc. node	-2498 Sep 24 j 15:17	25° \mathfrak{S} 44'35		asc. node	-2495 Mar 11 j 10:08	27° \mathfrak{H} 19'25	
	-2498 Sep 28 j 10:40	0° \mathfrak{Q}			-2495 Mar 13 j 15:15	0° Υ	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2495 Apr 07 j 16:44	0°♄				-2493 Sep 16 j 22:59	0°♌		
	-2495 May 03 j 08:29	0°♊				-2493 Oct 11 j 04:04	0°♍		
	-2495 May 30 j 00:12	0°♌				-2493 Nov 04 j 02:51	0°♍		
	-2495 Jun 27 j 22:02	0°♌				-2493 Nov 28 j 00:30	0°♍		
evening max el	-2495 Jun 27 j 22:55	0°♌02'08	46°00'59		desc. node	-2493 Dec 16 j 22:43	23°♍42'09		
desc. node	-2495 Jul 01 j 02:46	3°♌02'32				-2493 Dec 21 j 23:41	0°♌		
greatest brilliancy	-2495 Aug 06 j 01:34	28°♌42'37	-4.6m		morning set	-2493 Dec 26 j 10:28	5°♌33'19		
	-2495 Aug 10 j 12:15	0°♍				-2492 Jan 15 j 01:21	0°♄		
retrograde	-2495 Aug 16 j 09:21	0°♍39'12							
	-2495 Aug 22 j 02:48	30°♌♌			superior conj	-2492 Feb 05 j 06:18	26°♄19'07	-1°-23'-5	
evening set	-2495 Sep 03 j 04:32	24°♌46'01			minimum elong	-2492 Feb 05 j 02:39	26°♄07'48	1°23'09	
inferior conj	-2495 Sep 06 j 05:02	22°♌57'37	-8°-38'-25			-2492 Feb 08 j 05:38	0°♌		
minimum elong	-2495 Sep 06 j 10:38	22°♌49'08	8°37'56		max. Earth dist.	-2492 Feb 08 j 15:10	0°♌29'30	1.72680 AU	
min. Earth dist.	-2495 Sep 06 j 20:01	22°♌34'55	0.27093 AU			-2492 Mar 03 j 12:39	0°♌		
morning rise	-2495 Sep 09 j 16:30	20°♌52'39			evening rise	-2492 Mar 14 j 16:59	13°♌45'30		
direct	-2495 Sep 26 j 21:36	15°♌11'07				-2492 Mar 27 j 22:40	0°♍		
greatest brilliancy	-2495 Oct 10 j 10:17	18°♌33'03	-4.7m		asc. node	-2492 Apr 07 j 22:14	13°♍26'24		
asc. node	-2495 Oct 22 j 02:50	25°♌41'18				-2492 Apr 21 j 12:01	0°♄		
	-2495 Oct 27 j 15:27	0°♍				-2492 May 16 j 05:07	0°♊		
morning max el	-2495 Nov 16 j 17:46	18°♍48'21	46°53'55			-2492 Jun 10 j 03:12	0°♌		
	-2495 Nov 27 j 08:19	0°♍				-2492 Jul 05 j 09:02	0°♌		
	-2495 Dec 23 j 23:04	0°♍			desc. node	-2492 Jul 28 j 14:35	27°♌02'07		
	-2494 Jan 18 j 11:24	0°♌				-2492 Jul 31 j 04:44	0°♍		
desc. node	-2494 Feb 10 j 20:20	27°♌54'29				-2492 Aug 27 j 05:15	0°♍		
	-2494 Feb 12 j 14:12	0°♄			evening max el	-2492 Sep 09 j 18:25	14°♍03'10	47°20'39	
	-2494 Mar 09 j 12:41	0°♌				-2492 Sep 26 j 21:14	0°♍		
	-2494 Apr 03 j 08:15	0°♌			greatest brilliancy	-2492 Oct 18 j 16:17	14°♍28'29	-4.7m	
	-2494 Apr 28 j 00:55	0°♍			retrograde	-2492 Oct 30 j 11:08	17°♍04'28		
morning set	-2494 May 19 j 03:51	25°♍47'49			evening set	-2492 Nov 13 j 20:11	12°♍53'54		
	-2494 May 22 j 14:09	0°♄			asc. node	-2492 Nov 18 j 14:38	10°♍06'33		
asc. node	-2494 Jun 03 j 20:17	15°♄03'16			inferior conj	-2492 Nov 19 j 23:52	9°♍15'30	0°21'25	
	-2494 Jun 15 j 23:19	0°♊			minimum elong	-2492 Nov 19 j 23:04	9°♍16'44	0°21'07	
max. Earth dist.	-2494 Jun 20 j 08:31	5°♊24'59	1.73016 AU		min. Earth dist.	-2492 Nov 19 j 10:23	9°♍36'15	0.26459 AU	
					morning rise	-2492 Nov 26 j 02:35	5°♍40'41		
superior conj	-2494 Jun 24 j 05:23	10°♊12'14	0°45'35		direct	-2492 Dec 10 j 06:50	1°♍39'08		
minimum elong	-2494 Jun 23 j 21:35	9°♊48'06	0°45'19		greatest brilliancy	-2492 Dec 21 j 10:28	4°♍00'10	-4.6m	
	-2494 Jul 10 j 04:26	0°♌				-2491 Jan 25 j 08:43	0°♌		
evening rise	-2494 Jul 30 j 08:35	25°♌07'02			morning max el	-2491 Jan 29 j 04:07	3°♌42'28	46°26'07	
	-2494 Aug 03 j 06:33	0°♌				-2491 Feb 23 j 06:44	0°♄		
	-2494 Aug 27 j 07:29	0°♍			desc. node	-2491 Mar 10 j 08:02	16°♄43'18		
	-2494 Sep 20 j 09:08	0°♍				-2491 Mar 22 j 00:29	0°♌		
desc. node	-2494 Sep 23 j 12:40	3°♍54'58				-2491 Apr 16 j 21:03	0°♌		
	-2494 Oct 14 j 13:06	0°♍				-2491 May 12 j 05:11	0°♍		
	-2494 Nov 07 j 21:14	0°♌				-2491 Jun 06 j 03:44	0°♄		
	-2494 Dec 02 j 13:29	0°♄				-2491 Jun 30 j 17:36	0°♊		
	-2494 Dec 27 j 23:03	0°♌			asc. node	-2491 Jul 01 j 08:07	0°♊44'35		
asc. node	-2493 Jan 14 j 12:10	19°♌46'16				-2491 Jul 24 j 23:44	0°♌		
	-2493 Jan 24 j 00:56	0°♌			morning set	-2491 Jul 26 j 00:35	1°♌17'19		
evening max el	-2493 Feb 02 j 19:13	9°♌56'21	45°50'08			-2491 Aug 17 j 23:53	0°♌		
	-2493 Feb 25 j 20:16	0°♍			max. Earth dist.	-2491 Aug 30 j 01:29	15°♌09'26	1.71356 AU	
greatest brilliancy	-2493 Mar 09 j 00:52	6°♍50'38	-4.5m						
retrograde	-2493 Mar 23 j 22:18	10°♍44'00			superior conj	-2491 Sep 01 j 16:36	18°♌27'53	1°22'49	
evening set	-2493 Apr 09 j 01:27	5°♍41'53			minimum elong	-2491 Sep 01 j 20:22	18°♌39'44	1°22'49	
inferior conj	-2493 Apr 14 j 08:49	2°♍27'14	4°43'48			-2491 Sep 10 j 20:37	0°♍		
minimum elong	-2493 Apr 14 j 17:20	2°♍13'50	4°41'48			-2491 Oct 04 j 16:34	0°♍		
min. Earth dist.	-2493 Apr 14 j 20:12	2°♍09'19	0.29195 AU		evening rise	-2491 Oct 11 j 21:34	9°♍03'54		
	-2493 Apr 18 j 07:46	30°♌♌			desc. node	-2491 Oct 21 j 00:52	20°♍32'46		
morning rise	-2493 Apr 20 j 09:08	28°♌48'07				-2491 Oct 28 j 13:40	0°♍		
direct	-2493 May 06 j 02:21	24°♌03'05				-2491 Nov 21 j 13:08	0°♌		
desc. node	-2493 May 06 j 05:14	24°♌03'06				-2491 Dec 15 j 16:15	0°♄		
greatest brilliancy	-2493 May 19 j 19:39	27°♌20'01	-4.5m			-2490 Jan 09 j 01:31	0°♌		
	-2493 May 25 j 00:56	0°♍				-2490 Feb 02 j 21:40	0°♌		
morning max el	-2493 Jun 24 j 02:58	24°♍03'14	45°54'53		asc. node	-2490 Feb 11 j 00:05	9°♌36'22		
	-2493 Jun 30 j 04:35	0°♄				-2490 Feb 28 j 13:04	0°♍		
	-2493 Jul 28 j 06:16	0°♊				-2490 Mar 27 j 17:12	0°♄		
	-2493 Aug 23 j 03:43	0°♌			evening max el	-2490 Apr 14 j 14:16	18°♄01'09	45°10'59	
asc. node	-2493 Aug 27 j 05:41	4°♌51'57				-2490 Apr 27 j 23:58	0°♊		

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2490 May 19 j 19:31	14°II16'14	-4.5m	superior conj	-2488 Nov 16 j 23:54	6°ML13'05	0°01'17
retrograde	-2490 Jun 01 j 20:54	17°II14'20		minimum elong	-2488 Nov 17 j 00:15	6°ML14'09	0°01'14
desc. node	-2490 Jun 02 j 17:05	17°II13'31		behind sun begin	-2488 Nov 15 j 21:18	4°ML49'24	
evening set	-2490 Jun 17 j 02:27	12°II52'07		behind sun end	-2488 Nov 18 j 03:11	7°ML38'52	
inferior conj	-2490 Jun 23 j 05:16	9°II15'52	-4°-35'-19	desc. node	-2488 Nov 17 j 12:51	6°ML53'48	
minimum elong	-2490 Jun 22 j 20:20	9°II29'37	4°33'01	max. Earth dist.	-2488 Nov 20 j 14:07	10°ML44'04	1.71118 AU
min. Earth dist.	-2490 Jun 23 j 13:01	9°II03'56	0.28468 AU		-2488 Dec 05 j 22:36	0°♂	
morning rise	-2490 Jun 28 j 13:39	6°II03'25		evening rise	-2488 Dec 29 j 01:11	28°♂53'00	
direct	-2490 Jul 14 j 18:44	1°II05'32			-2488 Dec 29 j 22:41	0°♂	
greatest brilliancy	-2490 Jul 29 j 06:45	4°II46'13	-4.6m		-2487 Jan 23 j 02:20	0°≈	
	-2490 Aug 30 j 22:20	0°♂			-2487 Feb 16 j 11:02	0°♂	
morning max el	-2490 Sep 02 j 16:56	2°♂44'13	46°31'32	asc. node	-2487 Mar 10 j 12:16	26°♂50'27	
asc. node	-2490 Sep 23 j 17:23	25°♂02'56			-2487 Mar 13 j 03:01	0°♀	
	-2490 Sep 28 j 03:08	0°♂			-2487 Apr 07 j 05:12	0°♂	
	-2490 Oct 23 j 18:57	0°♂			-2487 May 02 j 22:16	0°II	
	-2490 Nov 17 j 11:50	0°♂			-2487 May 29 j 16:46	0°♂	
	-2490 Dec 11 j 20:28	0°ML		evening max el	-2487 Jun 25 j 12:38	27°♂42'26	45°58'16
	-2489 Jan 05 j 03:33	0°♂			-2487 Jun 27 j 22:24	0°♂	
desc. node	-2489 Jan 13 j 10:32	10°♂13'46		desc. node	-2487 Jun 30 j 04:50	2°♂07'17	
	-2489 Jan 29 j 11:34	0°♂		greatest brilliancy	-2487 Aug 03 j 11:19	26°♂15'16	-4.6m
	-2489 Feb 22 j 20:50	0°≈		retrograde	-2487 Aug 13 j 22:08	28°♂14'14	
morning set	-2489 Mar 10 j 05:37	18°≈52'46		evening set	-2487 Aug 31 j 18:37	22°♂18'13	
	-2489 Mar 19 j 07:02	0°♂		inferior conj	-2487 Sep 03 j 17:42	20°♂31'54	-8°-43'-30
	-2489 Apr 12 j 17:42	0°♀		minimum elong	-2487 Sep 03 j 22:28	20°♂24'41	8°43'09
max. Earth dist.	-2489 Apr 15 j 16:49	3°♀38'11	1.73696 AU	min. Earth dist.	-2487 Sep 04 j 08:13	20°♂09'56	0.27150 AU
				morning rise	-2487 Sep 07 j 02:09	18°♂31'31	
superior conj	-2489 Apr 16 j 03:02	4°♀09'31	0°-45'-15	direct	-2487 Sep 24 j 11:32	12°♂44'32	
minimum elong	-2489 Apr 16 j 10:54	4°♀33'38	0°44'56	greatest brilliancy	-2487 Oct 08 j 01:16	16°♂08'17	-4.7m
asc. node	-2489 May 06 j 10:23	29°♀05'05		asc. node	-2487 Oct 21 j 05:05	24°♂22'55	
	-2489 May 07 j 04:16	0°♂			-2487 Oct 28 j 02:49	0°♂	
evening rise	-2489 May 22 j 04:04	18°♂24'48		morning max el	-2487 Nov 14 j 08:38	16°♂24'48	46°54'00
	-2489 May 31 j 14:18	0°II			-2487 Nov 27 j 03:49	0°♂	
	-2489 Jun 24 j 23:47	0°♂			-2487 Dec 23 j 14:34	0°ML	
	-2489 Jul 19 j 09:40	0°♂			-2486 Jan 18 j 01:03	0°♂	
	-2489 Aug 12 j 21:41	0°♂		desc. node	-2486 Feb 09 j 22:23	27°♂22'41	
desc. node	-2489 Aug 26 j 02:37	16°♂04'45			-2486 Feb 12 j 02:47	0°♂	
	-2489 Sep 06 j 14:22	0°♂			-2486 Mar 09 j 00:34	0°≈	
	-2489 Oct 01 j 15:38	0°ML			-2486 Apr 02 j 19:41	0°♂	
	-2489 Oct 27 j 10:47	0°♂			-2486 Apr 27 j 12:05	0°♀	
evening max el	-2489 Nov 21 j 10:09	27°♂08'47	47°13'13	morning set	-2486 May 16 j 22:44	23°♀44'56	
	-2489 Nov 24 j 05:40	0°♂			-2486 May 22 j 01:10	0°♂	
asc. node	-2489 Dec 17 j 02:26	20°♂20'29		asc. node	-2486 Jun 02 j 22:18	14°♂35'39	
greatest brilliancy	-2489 Dec 28 j 07:06	27°♂18'25	-4.6m		-2486 Jun 15 j 10:18	0°II	
	-2488 Jan 04 j 06:46	0°≈		max. Earth dist.	-2486 Jun 18 j 04:54	3°II25'39	1.73064 AU
retrograde	-2488 Jan 11 j 09:21	0°≈59'37					
	-2488 Jan 18 j 07:01	30°♂♂		superior conj	-2486 Jun 21 j 23:44	8°II06'25	0°42'55
evening set	-2488 Jan 28 j 18:37	25°♂03'35		minimum elong	-2486 Jun 21 j 16:15	7°II43'17	0°42'40
min. Earth dist.	-2488 Jan 31 j 18:34	23°♂10'42	0.28366 AU		-2486 Jul 09 j 15:29	0°♂	
inferior conj	-2488 Feb 01 j 13:15	22°♂40'54	8°14'31	evening rise	-2486 Jul 28 j 01:17	22°♂54'37	
minimum elong	-2488 Feb 01 j 08:56	22°♂47'47	8°14'11		-2486 Aug 02 j 17:45	0°♂	
morning rise	-2488 Feb 04 j 23:32	20°♂31'27			-2486 Aug 26 j 18:55	0°♂	
direct	-2488 Feb 22 j 14:03	14°♂32'53			-2486 Sep 19 j 20:53	0°♂	
greatest brilliancy	-2488 Mar 04 j 14:21	16°♂44'33	-4.5m	desc. node	-2486 Sep 22 j 14:50	3°♂25'03	
	-2488 Mar 25 j 23:52	0°≈			-2486 Oct 14 j 01:12	0°ML	
desc. node	-2488 Apr 06 j 19:42	10°≈13'06			-2486 Nov 07 j 09:50	0°♂	
morning max el	-2488 Apr 11 j 09:54	14°≈31'24	45°51'36		-2486 Dec 02 j 02:54	0°♂	
	-2488 Apr 26 j 21:20	0°♂			-2486 Dec 27 j 14:05	0°≈	
	-2488 May 24 j 12:34	0°♀		asc. node	-2485 Jan 13 j 14:14	19°≈05'03	
	-2488 Jun 19 j 15:16	0°♂			-2485 Jan 23 j 20:07	0°♂	
	-2488 Jul 14 j 20:43	0°II		evening max el	-2485 Jan 31 j 11:50	7°♂45'20	45°52'50
asc. node	-2488 Jul 28 j 19:58	16°II57'33			-2485 Feb 26 j 15:15	0°♀	
	-2488 Aug 08 j 10:59	0°♂		greatest brilliancy	-2485 Mar 06 j 18:07	4°♀43'11	-4.5m
	-2488 Sep 01 j 14:26	0°♂		retrograde	-2485 Mar 21 j 15:28	8°♀36'11	
	-2488 Sep 25 j 11:26	0°♂		evening set	-2485 Apr 06 j 20:46	3°♀30'32	
morning set	-2488 Oct 06 j 15:05	14°♂03'54		inferior conj	-2485 Apr 12 j 01:41	0°♀18'55	4°59'14
	-2488 Oct 19 j 06:05	0°♂		minimum elong	-2485 Apr 12 j 10:25	0°♀05'08	4°57'15
	-2488 Nov 12 j 01:18	0°ML		min. Earth dist.	-2485 Apr 12 j 12:18	0°♀02'10	0.29201 AU

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2485 Apr 12 j 13:40	30° RH		superior conj	-2483 Aug 30 j 06:44	16° $\text{Q}06'18$	1°23'23
morning rise	-2485 Apr 18 j 00:06	26° $\text{H}42'19$		minimum elong	-2483 Aug 30 j 09:39	16° $\text{Q}15'29$	1°23'25
direct	-2485 May 03 j 19:37	21° $\text{H}54'54$			-2483 Sep 10 j 07:51	0° M	
desc. node	-2485 May 05 j 07:19	21° $\text{H}57'28$			-2483 Oct 04 j 03:54	0° Q	
greatest brilliancy	-2485 May 17 j 09:19	25° $\text{H}08'23$	-4.5m	evening rise	-2483 Oct 09 j 07:24	6° $\text{Q}28'09$	
	-2485 May 26 j 06:08	0° Y		desc. node	-2483 Oct 20 j 02:56	20° $\text{Q}03'23$	
morning max el	-2485 Jun 21 j 19:37	21° $\text{Y}54'24$	45°53'53		-2483 Oct 28 j 01:08	0° M	
	-2485 Jun 30 j 00:36	0° B			-2483 Nov 21 j 00:44	0° Z	
	-2485 Jul 27 j 21:26	0° II			-2483 Dec 15 j 04:02	0° Z	
	-2485 Aug 22 j 17:03	0° Q			-2482 Jan 08 j 13:38	0° \approx	
asc. node	-2485 Aug 26 j 07:49	4° $\text{Q}19'00$			-2482 Feb 02 j 10:28	0° H	
	-2485 Sep 16 j 11:26	0° Q		asc. node	-2482 Feb 10 j 02:15	9° $\text{H}03'58$	
	-2485 Oct 10 j 16:04	0° M			-2482 Feb 28 j 03:20	0° Y	
	-2485 Nov 03 j 14:35	0° Q			-2482 Mar 27 j 11:01	0° B	
	-2485 Nov 27 j 12:02	0° M		evening max el	-2482 Apr 12 j 04:46	15° $\text{B}47'00$	45°10'57
desc. node	-2485 Dec 16 j 00:40	23° $\text{M}12'31$			-2482 Apr 28 j 08:24	0° II	
	-2485 Dec 21 j 11:04	0° Z		greatest brilliancy	-2482 May 17 j 08:02	12° $\text{II}01'23$	-4.5m
morning set	-2485 Dec 23 j 20:31	2° $\text{Z}59'22$		retrograde	-2482 May 30 j 11:50	15° $\text{II}02'48$	
	-2484 Jan 14 j 12:37	0° Z		desc. node	-2482 Jun 01 j 19:06	14° $\text{II}56'39$	
				evening set	-2482 Jun 14 j 16:06	10° $\text{II}42'10$	
superior conj	-2484 Feb 02 j 19:35	23° $\text{Z}56'53$	-1°-22'-25	inferior conj	-2482 Jun 20 j 20:45	7° $\text{II}03'42$	-4°-17'-29
minimum elong	-2484 Feb 02 j 15:05	23° $\text{Z}42'56$	1°22'26	minimum elong	-2482 Jun 20 j 12:12	7° $\text{II}16'50$	4°15'14
max. Earth dist.	-2484 Feb 06 j 08:45	28° $\text{Z}20'42$	1.72625 AU	min. Earth dist.	-2482 Jun 21 j 04:58	6° $\text{II}51'02$	0.28503 AU
	-2484 Feb 07 j 16:49	0° \approx		morning rise	-2482 Jun 26 j 07:40	3° $\text{II}47'33$	
	-2484 Mar 02 j 23:47	0° H			-2482 Jul 04 j 20:47	30° RB	
evening rise	-2484 Mar 12 j 09:09	11° $\text{H}33'30$		direct	-2482 Jul 12 j 10:02	28° $\text{B}52'28$	
	-2484 Mar 27 j 09:49	0° Y			-2482 Jul 20 j 05:47	0° II	
asc. node	-2484 Apr 07 j 00:25	12° $\text{Y}58'48$		greatest brilliancy	-2482 Jul 26 j 23:40	2° $\text{II}34'19$	-4.6m
	-2484 Apr 20 j 23:20	0° B			-2482 Aug 30 j 21:16	0° Q	
	-2484 May 15 j 16:51	0° II		morning max el	-2482 Aug 31 j 07:14	0° $\text{Q}24'44$	46°30'11
	-2484 Jun 09 j 15:37	0° Q		asc. node	-2482 Sep 22 j 19:37	24° $\text{Q}21'52$	
	-2484 Jul 04 j 22:37	0° Q			-2482 Sep 27 j 19:25	0° Q	
desc. node	-2484 Jul 27 j 16:36	26° $\text{Q}24'04$			-2482 Oct 23 j 08:59	0° M	
	-2484 Jul 30 j 20:20	0° M			-2482 Nov 17 j 00:46	0° Q	
	-2484 Aug 27 j 01:11	0° Q			-2482 Dec 11 j 08:46	0° M	
evening max el	-2484 Sep 07 j 08:37	11° $\text{Q}39'08$	47°18'45		-2481 Jan 04 j 15:24	0° Z	
	-2484 Sep 27 j 10:02	0° M		desc. node	-2481 Jan 12 j 12:41	9° $\text{Z}44'14$	
greatest brilliancy	-2484 Oct 16 j 08:05	12° $\text{M}01'32$	-4.7m		-2481 Jan 28 j 23:03	0° Z	
retrograde	-2484 Oct 27 j 23:30	14° $\text{M}33'28$			-2481 Feb 22 j 08:02	0° \approx	
evening set	-2484 Nov 11 j 09:23	10° $\text{M}23'04$		morning set	-2481 Mar 07 j 21:31	16° $\approx 40'09$	
min. Earth dist.	-2484 Nov 17 j 00:20	7° $\text{M}04'12$	0.26426 AU		-2481 Mar 18 j 18:02	0° H	
inferior conj	-2484 Nov 17 j 12:15	6° $\text{M}45'52$	0°-2'-50		-2481 Apr 12 j 04:36	0° Y	
minimum elong	-2484 Nov 17 j 12:21	6° $\text{M}45'42$	0°02'51				
transit middle	-2484 Nov 17 j 12:21	6° $\text{M}45'42$	0°02'51	superior conj	-2481 Apr 13 j 21:09	2° $\text{Y}04'26$	0°-47'-51
transit begin	-2484 Nov 17 j 08:21	6° $\text{M}51'51$		minimum elong	-2481 Apr 14 j 05:19	2° $\text{Y}29'28$	0°47'33
transit end	-2484 Nov 17 j 16:21	6° $\text{M}39'33$		max. Earth dist.	-2481 Apr 13 j 12:40	1° $\text{Y}38'22$	1.73688 AU
asc. node	-2484 Nov 17 j 16:39	6° $\text{M}39'05$		asc. node	-2481 May 05 j 12:23	28° $\text{Y}37'44$	
morning rise	-2484 Nov 23 j 15:54	3° $\text{M}09'40$			-2481 May 06 j 15:11	0° B	
	-2484 Dec 01 j 10:53	30° RQ		evening rise	-2481 May 19 j 23:26	16° $\text{B}23'12$	
direct	-2484 Dec 07 j 19:01	29° $\text{Q}10'15$			-2481 May 31 j 01:20	0° II	
	-2484 Dec 14 j 07:13	0° M			-2481 Jun 24 j 11:03	0° Q	
greatest brilliancy	-2484 Dec 19 j 00:05	1° $\text{M}32'26$	-4.6m		-2481 Jul 18 j 21:17	0° Q	
	-2483 Jan 25 j 09:27	0° Z			-2481 Aug 12 j 09:52	0° M	
morning max el	-2483 Jan 26 j 16:36	1° $\text{Z}16'36$	46°27'27	desc. node	-2481 Aug 25 j 04:50	15° $\text{M}33'17$	
	-2483 Feb 22 j 23:42	0° Z			-2481 Sep 06 j 03:22	0° Q	
desc. node	-2483 Mar 09 j 10:13	16° $\text{Z}06'46$			-2481 Oct 01 j 05:57	0° M	
	-2483 Mar 21 j 14:38	0° \approx			-2481 Oct 27 j 03:33	0° Z	
	-2483 Apr 16 j 09:47	0° H		evening max el	-2481 Nov 19 j 00:53	24° $\text{Z}47'18$	47°15'17
	-2483 May 11 j 17:06	0° Y			-2481 Nov 24 j 05:15	0° Z	
	-2483 Jun 05 j 15:09	0° B		asc. node	-2481 Dec 16 j 04:31	19° $\text{Z}04'33$	
asc. node	-2483 Jun 30 j 10:12	0° $\text{II}16'38$		greatest brilliancy	-2481 Dec 25 j 23:28	25° $\text{Z}01'15$	-4.6m
	-2483 Jun 30 j 04:47	0° II		retrograde	-2480 Jan 09 j 01:27	28° $\text{Z}42'43$	
morning set	-2483 Jul 23 j 16:57	29° $\text{II}04'23$		evening set	-2480 Jan 26 j 07:51	22° $\text{Z}50'21$	
	-2483 Jul 24 j 10:50	0° Q		min. Earth dist.	-2480 Jan 29 j 09:09	20° $\text{Z}55'46$	0.28299 AU
	-2483 Aug 17 j 11:01	0° Q		inferior conj	-2480 Jan 30 j 04:48	20° $\text{Z}24'29$	8°09'57
max. Earth dist.	-2483 Aug 27 j 09:45	12° $\text{Q}29'32$	1.71410 AU	minimum elong	-2480 Jan 29 j 23:48	20° $\text{Z}32'27$	8°09'30
				morning rise	-2480 Feb 02 j 16:03	18° $\text{Z}13'51$	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

direct	-2480 Feb 20 j 04:21	12°☿17'22			-2478 Aug 26 j 06:07	0°♊	
greatest brilliancy	-2480 Mar 02 j 04:24	14°☿29'00	-4.5m		-2478 Sep 19 j 08:21	0°♋	
	-2480 Mar 26 j 08:21	0°♌		desc. node	-2478 Sep 21 j 16:54	2°♌55'44	
desc. node	-2480 Apr 05 j 21:49	9°♌21'05			-2478 Oct 13 j 13:00	0°♍	
morning max el	-2480 Apr 09 j 01:30	12°♌19'36	45°52'21		-2478 Nov 06 j 22:07	0°♎	
	-2480 Apr 26 j 15:18	0°♏			-2478 Dec 01 j 16:01	0°♐	
	-2480 May 24 j 02:51	0°♑			-2478 Dec 27 j 04:53	0°♒	
	-2480 Jun 19 j 03:58	0°♓		asc. node	-2477 Jan 12 j 16:24	18°♒24'48	
	-2480 Jul 14 j 08:35	0°♈			-2477 Jan 23 j 15:26	0°♉	
asc. node	-2480 Jul 27 j 22:06	16°♈28'43		evening max el	-2477 Jan 29 j 04:02	5°♉34'02	45°55'22
	-2480 Aug 07 j 22:25	0°♉			-2477 Feb 27 j 16:38	0°♊	
	-2480 Sep 01 j 01:38	0°♊		greatest brilliancy	-2477 Mar 04 j 12:18	2°♊37'38	-4.5m
	-2480 Sep 24 j 22:33	0°♋		retrograde	-2477 Mar 19 j 08:17	6°♊29'09	
morning set	-2480 Oct 04 j 03:05	11°♋35'15		evening set	-2477 Apr 04 j 16:11	1°♊20'06	
	-2480 Oct 18 j 17:11	0°♌			-2477 Apr 06 j 21:32	30°♋	
	-2480 Nov 11 j 12:25	0°♍		inferior conj	-2477 Apr 09 j 18:38	28°♋11'36	5°14'15
				minimum elong	-2477 Apr 10 j 03:32	27°♋57'30	5°12'18
superior conj	-2480 Nov 14 j 08:56	3°♍35'35	0°05'19	min. Earth dist.	-2477 Apr 10 j 04:42	27°♋55'39	0.29205 AU
minimum elong	-2480 Nov 14 j 10:23	3°♍40'08	0°05'13	morning rise	-2477 Apr 15 j 14:56	24°♋37'34	
behind sun begin	-2480 Nov 13 j 08:32	2°♍18'49		direct	-2477 May 01 j 12:41	19°♋47'47	
behind sun end	-2480 Nov 15 j 12:14	5°♍01'27		desc. node	-2477 May 04 j 09:18	19°♋57'08	
desc. node	-2480 Nov 16 j 14:51	6°♍25'07		greatest brilliancy	-2477 May 14 j 22:48	22°♋57'20	-4.5m
max. Earth dist.	-2480 Nov 17 j 20:59	7°♍59'50	1.71092 AU		-2477 May 27 j 02:51	0°♌	
	-2480 Dec 05 j 09:44	0°♎		morning max el	-2477 Jun 19 j 11:23	19°♌44'27	45°52'58
evening rise	-2480 Dec 26 j 11:49	26°♎21'52			-2477 Jun 29 j 19:38	0°♏	
	-2480 Dec 29 j 09:49	0°♐			-2477 Jul 27 j 12:01	0°♑	
	-2479 Jan 22 j 13:30	0°♒			-2477 Aug 22 j 05:55	0°♓	
	-2479 Feb 15 j 22:21	0°♉		asc. node	-2477 Aug 25 j 09:58	3°♓47'21	
asc. node	-2479 Mar 09 j 14:25	26°♉21'54			-2477 Sep 15 j 23:29	0°♊	
	-2479 Mar 12 j 14:40	0°♊			-2477 Oct 10 j 03:41	0°♋	
	-2479 Apr 06 j 17:33	0°♋			-2477 Nov 03 j 01:57	0°♌	
	-2479 May 02 j 12:00	0°♍			-2477 Nov 26 j 23:11	0°♎	
	-2479 May 29 j 09:26	0°♏		desc. node	-2477 Dec 15 j 02:51	22°♎44'48	
evening max el	-2479 Jun 23 j 03:05	25°♏25'12	45°55'32		-2477 Dec 20 j 22:04	0°♐	
	-2479 Jun 27 j 23:43	0°♑		morning set	-2477 Dec 21 j 06:55	0°♐27'38	
desc. node	-2479 Jun 29 j 06:57	1°♑11'41			-2476 Jan 13 j 23:29	0°♒	
greatest brilliancy	-2479 Jul 31 j 21:29	23°♑49'33	-4.6m				
retrograde	-2479 Aug 11 j 10:59	25°♑50'18		superior conj	-2476 Jan 31 j 09:04	21°♒36'28	-1°-21'-35
evening set	-2479 Aug 29 j 08:25	19°♑52'26		minimum elong	-2476 Jan 31 j 03:43	21°♒19'56	1°21'35
inferior conj	-2479 Sep 01 j 06:28	18°♑07'29	-8°-47'-36	max. Earth dist.	-2476 Feb 04 j 02:57	26°♒15'03	1.72569 AU
minimum elong	-2479 Sep 01 j 10:22	18°♑01'35	8°47'23		-2476 Feb 07 j 03:35	0°♓	
min. Earth dist.	-2479 Sep 01 j 20:23	17°♑46'26	0.27201 AU		-2476 Mar 02 j 10:31	0°♉	
morning rise	-2479 Sep 04 j 12:11	16°♑11'06		evening rise	-2476 Mar 10 j 01:20	9°♉22'37	
direct	-2479 Sep 22 j 01:47	10°♑19'32			-2476 Mar 26 j 20:37	0°♊	
greatest brilliancy	-2479 Oct 05 j 15:13	13°♑43'26	-4.7m	asc. node	-2476 Apr 06 j 02:25	12°♊31'40	
asc. node	-2479 Oct 20 j 07:01	23°♑07'29			-2476 Apr 20 j 10:20	0°♋	
	-2479 Oct 28 j 10:47	0°♌			-2476 May 15 j 04:16	0°♍	
morning max el	-2479 Nov 11 j 23:00	14°♌01'02	46°54'02		-2476 Jun 09 j 03:45	0°♎	
	-2479 Nov 26 j 22:26	0°♍			-2476 Jul 04 j 11:56	0°♏	
	-2479 Dec 23 j 05:33	0°♎		desc. node	-2476 Jul 26 j 18:49	25°♏47'27	
	-2478 Jan 17 j 14:20	0°♐			-2476 Jul 30 j 11:45	0°♑	
desc. node	-2478 Feb 09 j 00:32	26°♐52'02			-2476 Aug 26 j 21:18	0°♒	
	-2478 Feb 11 j 15:05	0°♓		evening max el	-2476 Sep 04 j 21:47	9°♒13'41	47°16'41
	-2478 Mar 08 j 12:13	0°♔			-2476 Sep 28 j 02:23	0°♓	
	-2478 Apr 02 j 06:53	0°♉		greatest brilliancy	-2476 Oct 14 j 00:10	9°♓35'54	-4.7m
	-2478 Apr 26 j 22:59	0°♊		retrograde	-2476 Oct 25 j 11:28	12°♓03'43	
morning set	-2478 May 14 j 17:32	21°♊42'39		evening set	-2476 Nov 08 j 22:46	7°♓52'56	
	-2478 May 21 j 11:54	0°♋		min. Earth dist.	-2476 Nov 14 j 14:38	4°♓32'53	0.26397 AU
asc. node	-2478 Jun 02 j 00:23	14°♋09'08		inferior conj	-2476 Nov 15 j 00:40	4°♓17'27	0°-27'-11
	-2478 Jun 14 j 21:00	0°♌		minimum elong	-2476 Nov 15 j 01:41	4°♓15'52	0°26'54
max. Earth dist.	-2478 Jun 16 j 00:22	1°♌24'31	1.73112 AU	asc. node	-2476 Nov 16 j 18:47	3°♓12'56	
				morning rise	-2476 Nov 21 j 05:02	0°♔40'07	
superior conj	-2478 Jun 19 j 18:07	6°♌01'45	0°40'12		-2476 Nov 22 j 12:19	30°♔	
minimum elong	-2478 Jun 19 j 11:00	5°♌39'44	0°39'57	direct	-2476 Dec 05 j 06:45	26°♔42'15	
	-2478 Jul 09 j 02:16	0°♍		greatest brilliancy	-2476 Dec 16 j 14:45	29°♔06'53	-4.6m
evening rise	-2478 Jul 25 j 18:13	20°♍43'50			-2476 Dec 18 j 15:37	0°♎	
	-2478 Aug 02 j 04:43	0°♏		morning max el	-2475 Jan 24 j 04:53	28°♎51'11	46°29'01

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2475 Jan 25 j 08:35	0°♊		desc. node	-2473 Aug 24 j 06:51	15°♍01'31	
	-2475 Feb 22 j 15:53	0°♋			-2473 Sep 05 j 16:20	0°♎	
desc. node	-2475 Mar 08 j 12:20	15°♌31'38			-2473 Sep 30 j 20:15	0°♏	
	-2475 Mar 21 j 04:13	0°♍			-2473 Oct 26 j 20:28	0°♐	
	-2475 Apr 15 j 22:02	0°♎		evening max el	-2473 Nov 16 j 16:27	22°♑28'23	47°17'17
	-2475 May 11 j 04:36	0°♏			-2473 Nov 24 j 05:44	0°♒	
	-2475 Jun 05 j 02:14	0°♐		asc. node	-2473 Dec 15 j 06:43	17°♓46'46	
asc. node	-2475 Jun 29 j 12:24	29°♈50'05		greatest brilliancy	-2473 Dec 23 j 15:34	22°♓43'51	-4.6m
	-2475 Jun 29 j 15:38	0°♑		retrograde	-2472 Jan 06 j 17:47	26°♓25'38	
morning set	-2475 Jul 21 j 09:26	26°♒52'54		evening set	-2472 Jan 23 j 20:48	20°♓37'08	
	-2475 Jul 23 j 21:36	0°♒		min. Earth dist.	-2472 Jan 26 j 23:22	18°♓40'54	0.28233 AU
	-2475 Aug 16 j 21:48	0°♓		inferior conj	-2472 Jan 27 j 20:14	18°♓07'46	8°04'32
max. Earth dist.	-2475 Aug 24 j 21:29	10°♓01'38	1.71463 AU	minimum elong	-2472 Jan 27 j 14:35	18°♓16'44	8°03'57
				morning rise	-2472 Jan 31 j 08:44	15°♓55'35	
superior conj	-2475 Aug 27 j 21:02	13°♓46'25	1°23'49	direct	-2472 Feb 17 j 19:11	10°♓01'40	
minimum elong	-2475 Aug 27 j 23:08	13°♓52'59	1°23'52	greatest brilliancy	-2472 Feb 28 j 17:46	12°♓12'37	-4.5m
	-2475 Sep 09 j 18:43	0°♎			-2472 Mar 26 j 14:23	0°♏	
	-2475 Oct 03 j 14:55	0°♏		desc. node	-2472 Apr 04 j 23:47	8°♏29'54	
evening rise	-2475 Oct 06 j 17:32	3°♏54'31		morning max el	-2472 Apr 06 j 17:38	10°♏09'13	45°53'13
desc. node	-2475 Oct 19 j 04:56	19°♏34'46			-2472 Apr 26 j 08:46	0°♐	
	-2475 Oct 27 j 12:18	0°♏			-2472 May 23 j 16:52	0°♑	
	-2475 Nov 20 j 12:04	0°♐			-2472 Jun 18 j 16:29	0°♒	
	-2475 Dec 14 j 15:34	0°♑			-2472 Jul 13 j 20:21	0°♒	
	-2474 Jan 08 j 01:29	0°♑		asc. node	-2472 Jul 27 j 00:15	16°♒00'07	
	-2474 Feb 01 j 22:59	0°♒			-2472 Aug 07 j 09:48	0°♓	
asc. node	-2474 Feb 09 j 04:25	8°♒32'31			-2472 Aug 31 j 12:50	0°♓	
	-2474 Feb 27 j 17:20	0°♓			-2472 Sep 24 j 09:42	0°♔	
	-2474 Mar 27 j 04:50	0°♔		morning set	-2472 Oct 01 j 15:01	9°♔06'22	
evening max el	-2474 Apr 09 j 19:35	13°♔34'49	45°10'59		-2472 Oct 18 j 04:20	0°♕	
	-2474 Apr 28 j 19:14	0°♕			-2472 Nov 10 j 23:34	0°♖	
greatest brilliancy	-2474 May 14 j 19:55	9°♕47'00	-4.5m				
retrograde	-2474 May 28 j 03:19	12°♕52'34		superior conj	-2472 Nov 11 j 17:46	0°♖57'17	0°09'21
desc. node	-2474 May 31 j 21:17	12°♕36'08		minimum elong	-2472 Nov 11 j 20:18	1°♖05'17	0°09'11
evening set	-2474 Jun 12 j 06:03	8°♕33'07		behind sun begin	-2472 Nov 10 j 21:41	29°♕54'05	
inferior conj	-2474 Jun 18 j 12:18	4°♕52'35	-3°-59'-22	behind sun end	-2472 Nov 12 j 18:56	2°♖16'28	
minimum elong	-2474 Jun 18 j 04:13	5°♕05'01	3°57'11	max. Earth dist.	-2472 Nov 15 j 05:46	5°♖21'29	1.71064 AU
min. Earth dist.	-2474 Jun 18 j 20:44	4°♕39'37	0.28541 AU	desc. node	-2472 Nov 15 j 17:02	5°♖56'54	
morning rise	-2474 Jun 24 j 01:44	1°♕33'04			-2472 Dec 04 j 20:52	0°♗	
	-2474 Jun 27 j 00:19	30°♗		evening rise	-2472 Dec 23 j 22:11	23°♗49'46	
direct	-2474 Jul 10 j 01:49	26°♗40'26			-2472 Dec 28 j 20:58	0°♘	
	-2474 Jul 23 j 20:21	0°♘			-2471 Jan 22 j 00:43	0°♙	
greatest brilliancy	-2474 Jul 24 j 17:20	0°♘24'26	-4.5m		-2471 Feb 15 j 09:45	0°♚	
morning max el	-2474 Aug 28 j 22:35	28°♘08'54	46°28'52	asc. node	-2471 Mar 08 j 16:26	25°♚52'37	
	-2474 Aug 30 j 19:01	0°♙			-2471 Mar 12 j 02:27	0°♛	
asc. node	-2474 Sep 21 j 21:37	23°♙41'23			-2471 Apr 06 j 06:03	0°♜	
	-2474 Sep 27 j 11:11	0°♚			-2471 May 02 j 01:54	0°♝	
	-2474 Oct 22 j 22:37	0°♛			-2471 May 29 j 02:26	0°♞	
	-2474 Nov 16 j 13:22	0°♜		evening max el	-2471 Jun 20 j 17:30	23°♞08'02	45°52'47
	-2474 Dec 10 j 20:46	0°♝		desc. node	-2471 Jun 28 j 09:05	0°♞14'59	
	-2473 Jan 04 j 03:01	0°♞			-2471 Jun 28 j 02:26	0°♟	
desc. node	-2473 Jan 11 j 14:48	9°♞15'23		greatest brilliancy	-2471 Jul 29 j 08:22	21°♟24'53	-4.6m
	-2473 Jan 28 j 10:19	0°♟		retrograde	-2471 Aug 08 j 23:28	23°♟26'28	
	-2473 Feb 21 j 19:01	0°♠		evening set	-2471 Aug 26 j 21:55	17°♟27'33	
morning set	-2473 Mar 05 j 13:25	14°♠28'06		inferior conj	-2471 Aug 29 j 19:22	15°♟43'15	-8°-50'-48
	-2473 Mar 18 j 04:48	0°♠		minimum elong	-2471 Aug 29 j 22:21	15°♟38'43	8°50'39
				min. Earth dist.	-2471 Aug 30 j 08:47	15°♟22'54	0.27256 AU
superior conj	-2473 Apr 11 j 15:24	0°♠00'27	0°-50'-23	morning rise	-2471 Sep 01 j 22:40	13°♟50'12	
minimum elong	-2473 Apr 11 j 23:49	0°♠26'16	0°50'04	direct	-2471 Sep 19 j 15:56	7°♟54'42	
max. Earth dist.	-2473 Apr 11 j 10:18	29°♠44'47	1.73677 AU	greatest brilliancy	-2471 Oct 03 j 05:09	11°♟18'11	-4.7m
	-2473 Apr 11 j 15:16	0°♠		asc. node	-2471 Oct 19 j 09:13	21°♟54'15	
asc. node	-2473 May 04 j 14:32	28°♠11'31			-2471 Oct 28 j 16:44	0°♡	
	-2473 May 06 j 01:52	0°♡		morning max el	-2471 Nov 09 j 12:28	11°♡34'16	46°53'56
evening rise	-2473 May 17 j 19:02	14°♡23'04			-2471 Nov 26 j 16:51	0°♢	
	-2473 May 30 j 12:09	0°♢			-2471 Dec 22 j 20:34	0°♣	
	-2473 Jun 23 j 22:09	0°♣			-2470 Jan 17 j 03:43	0°♤	
	-2473 Jul 18 j 08:48	0°♤		desc. node	-2470 Feb 08 j 02:37	26°♤20'42	
	-2473 Aug 11 j 21:59	0°♥			-2470 Feb 11 j 03:30	0°♦	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2470 Mar 08 j 00:01	0°♊			-2468 Sep 29 j 00:33	0°♍	
	-2470 Apr 01 j 18:16	0°♋		greatest brilliancy	-2468 Oct 11 j 15:34	7°♍08'53	-4.7m
	-2470 Apr 26 j 10:05	0°♌		retrograde	-2468 Oct 22 j 23:27	9°♍33'39	
morning set	-2470 May 12 j 12:26	19°♌40'05		evening set	-2468 Nov 06 j 12:22	5°♍21'40	
	-2470 May 20 j 22:50	0°♍		min. Earth dist.	-2468 Nov 12 j 04:56	2°♍00'58	0.26379 AU
asc. node	-2470 Jun 01 j 02:37	13°♍42'27		inferior conj	-2468 Nov 12 j 13:08	1°♍48'21	0°-51'-31
max. Earth dist.	-2470 Jun 13 j 19:05	29°♍20'31	1.73154 AU	minimum elong	-2468 Nov 12 j 15:05	1°♍45'23	0°50'56
	-2470 Jun 14 j 07:53	0°♎		asc. node	-2468 Nov 15 j 20:59	29°♎47'26	
					-2468 Nov 15 j 12:30	30°♎♎	
superior conj	-2470 Jun 17 j 12:49	3°♎57'34	0°37'27	morning rise	-2468 Nov 18 j 18:03	28°♎10'18	
minimum elong	-2470 Jun 17 j 06:04	3°♎36'44	0°37'12	direct	-2468 Dec 02 j 18:31	24°♎13'11	
	-2470 Jul 08 j 13:12	0°♏		greatest brilliancy	-2468 Dec 14 j 06:13	26°♎41'20	-4.7m
evening rise	-2470 Jul 23 j 11:33	18°♏33'55			-2468 Dec 20 j 21:16	0°♏	
	-2470 Aug 01 j 15:50	0°♐		morning max el	-2467 Jan 21 j 17:46	26°♏25'44	46°30'23
	-2470 Aug 25 j 17:30	0°♑			-2467 Jan 25 j 07:18	0°♑	
	-2470 Sep 18 j 20:04	0°♒			-2467 Feb 22 j 08:19	0°♒	
desc. node	-2470 Sep 20 j 18:56	2°♒25'33		desc. node	-2467 Mar 07 j 14:21	14°♒55'00	
	-2470 Oct 13 j 01:07	0°♓			-2467 Mar 20 j 18:09	0°♓	
	-2470 Nov 06 j 10:47	0°♑			-2467 Apr 15 j 10:41	0°♋	
	-2470 Dec 01 j 05:35	0°♒			-2467 May 10 j 16:30	0°♌	
	-2470 Dec 26 j 20:16	0°♓			-2467 Jun 04 j 13:41	0°♍	
asc. node	-2469 Jan 11 j 18:31	17°♓42'55		asc. node	-2467 Jun 28 j 14:26	29°♍21'42	
	-2469 Jan 23 j 11:47	0°♋			-2467 Jun 29 j 02:53	0°♎	
evening max el	-2469 Jan 26 j 19:00	3°♋18'26	45°58'01	morning set	-2467 Jul 19 j 01:57	24°♎40'23	
	-2469 Mar 01 j 05:55	0°♌			-2467 Jul 23 j 08:47	0°♏	
greatest brilliancy	-2469 Mar 02 j 06:02	0°♌30'08	-4.5m		-2467 Aug 16 j 08:58	0°♐	
retrograde	-2469 Mar 17 j 00:40	4°♌20'47		max. Earth dist.	-2467 Aug 22 j 10:54	7°♐37'53	1.71511 AU
	-2469 Mar 31 j 22:55	30°♌♌					
evening set	-2469 Apr 02 j 11:31	29°♋08'06		superior conj	-2467 Aug 25 j 11:35	11°♐26'09	1°24'06
inferior conj	-2469 Apr 07 j 11:28	26°♋02'57	5°28'59	minimum elong	-2467 Aug 25 j 12:51	11°♐30'05	1°24'09
minimum elong	-2469 Apr 07 j 20:29	25°♋48'38	5°27'03		-2467 Sep 09 j 05:56	0°♑	
min. Earth dist.	-2469 Apr 07 j 21:15	25°♋47'25	0.29207 AU		-2467 Oct 03 j 02:14	0°♒	
morning rise	-2469 Apr 13 j 05:30	22°♋31'38		evening rise	-2467 Oct 04 j 04:09	1°♒21'27	
direct	-2469 Apr 29 j 05:07	17°♋39'10		desc. node	-2467 Oct 18 j 07:08	19°♒05'52	
desc. node	-2469 May 03 j 11:34	17°♋59'45			-2467 Oct 26 j 23:45	0°♓	
greatest brilliancy	-2469 May 12 j 12:53	20°♋45'40	-4.5m		-2467 Nov 19 j 23:41	0°♑	
	-2469 May 27 j 18:51	0°♌			-2467 Dec 14 j 03:24	0°♒	
morning max el	-2469 Jun 17 j 02:27	17°♌31'39	45°52'18		-2466 Jan 07 j 13:43	0°♓	
	-2469 Jun 29 j 14:33	0°♍			-2466 Feb 01 j 11:59	0°♋	
	-2469 Jul 27 j 02:44	0°♎		asc. node	-2466 Feb 08 j 06:25	7°♋59'13	
	-2469 Aug 21 j 18:58	0°♏			-2466 Feb 27 j 08:00	0°♌	
asc. node	-2469 Aug 24 j 12:01	3°♏14'46			-2466 Mar 26 j 23:40	0°♍	
	-2469 Sep 15 j 11:45	0°♐		evening max el	-2466 Apr 07 j 10:58	11°♍22'40	45°11'12
	-2469 Oct 09 j 15:33	0°♑			-2466 Apr 29 j 10:42	0°♎	
	-2469 Nov 02 j 13:34	0°♒		greatest brilliancy	-2466 May 12 j 07:51	7°♎31'22	-4.5m
	-2469 Nov 26 j 10:41	0°♓		retrograde	-2466 May 25 j 19:08	10°♎40'45	
desc. node	-2469 Dec 14 j 04:59	22°♓15'47		desc. node	-2466 May 30 j 23:23	10°♎09'10	
morning set	-2469 Dec 18 j 16:45	27°♓52'49		evening set	-2466 Jun 09 j 20:08	6°♎22'24	
	-2469 Dec 20 j 09:27	0°♑		inferior conj	-2466 Jun 16 j 03:43	2°♎39'51	-3°-40'-50
	-2468 Jan 13 j 10:45	0°♒		minimum elong	-2466 Jun 15 j 20:08	2°♎51'29	3°38'45
				min. Earth dist.	-2466 Jun 16 j 12:04	2°♎26'59	0.28577 AU
superior conj	-2468 Jan 28 j 21:55	19°♒12'49	-1°-20'-35		-2466 Jun 20 j 13:32	30°♎♎	
minimum elong	-2468 Jan 28 j 15:45	18°♒53'42	1°20'34	morning rise	-2466 Jun 21 j 19:35	29°♍17'08	
max. Earth dist.	-2468 Feb 01 j 18:54	24°♒01'06	1.72509 AU	direct	-2466 Jul 07 j 17:56	24°♍26'57	
	-2468 Feb 06 j 14:46	0°♓		greatest brilliancy	-2466 Jul 22 j 10:20	28°♍12'28	-4.5m
	-2468 Mar 01 j 21:38	0°♋			-2466 Jul 25 j 21:00	0°♎	
evening rise	-2468 Mar 07 j 16:57	7°♋08'45		morning max el	-2466 Aug 26 j 14:33	25°♎53'35	46°27'33
	-2468 Mar 26 j 07:49	0°♌			-2466 Aug 30 j 16:28	0°♏	
asc. node	-2468 Apr 05 j 04:34	12°♌03'45		asc. node	-2466 Sep 20 j 23:46	23°♏00'35	
	-2468 Apr 19 j 21:46	0°♍			-2466 Sep 27 j 03:05	0°♐	
	-2468 May 14 j 16:08	0°♎			-2466 Oct 22 j 12:27	0°♑	
	-2468 Jun 08 j 16:22	0°♏			-2466 Nov 16 j 02:10	0°♒	
	-2468 Jul 04 j 01:44	0°♐			-2466 Dec 10 j 08:59	0°♓	
desc. node	-2468 Jul 25 j 20:52	25°♐09'11			-2465 Jan 03 j 14:48	0°♑	
	-2468 Jul 30 j 03:43	0°♑		desc. node	-2465 Jan 10 j 16:50	8°♑45'35	
	-2468 Aug 26 j 18:19	0°♒			-2465 Jan 27 j 21:47	0°♒	
evening max el	-2468 Sep 02 j 10:01	6°♒45'22	47°14'41		-2465 Feb 21 j 06:15	0°♓	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning set	-2465 Mar 03 j 05:07	12° \approx 14'32		inferior conj	-2463 Aug 27 j 08:21	13° Ω 19'18	-8°-52'-55
	-2465 Mar 17 j 15:53	0° H		minimum elong	-2463 Aug 27 j 10:25	13° Ω 16'09	8°52'49
superior conj	-2465 Apr 09 j 09:20	27° H 54'24	0°-52'-53	min. Earth dist.	-2463 Aug 27 j 21:35	12° Ω 59'10	0.27309 AU
	-2465 Apr 09 j 17:57	28° H 20'51	0°52'34	morning rise	-2463 Aug 30 j 09:43	11° Ω 28'49	
maximum Earth dist.	-2465 Apr 09 j 08:30	27° H 51'49	1.73667 AU	direct	-2463 Sep 17 j 05:30	5° Ω 30'01	
	-2465 Apr 11 j 02:16	0° Y		greatest brilliancy	-2463 Sep 30 j 19:27	8° Ω 53'25	-4.7m
asc. node	-2465 May 03 j 16:43	27° Y 44'24		asc. node	-2463 Oct 18 j 11:27	20° Ω 43'08	
	-2465 May 05 j 12:54	0° B		morning max el	-2463 Oct 28 j 20:49	0° M	
evening rise	-2465 May 15 j 14:16	12° B 20'53			-2463 Nov 07 j 01:03	9° M 05'07	46°53'47
	-2465 May 29 j 23:18	0° II		desc. node	-2463 Nov 26 j 10:51	0° A	
	-2465 Jun 23 j 09:34	0° S			-2463 Dec 22 j 11:23	0° M	
	-2465 Jul 17 j 20:39	0° Ω			-2462 Jan 16 j 16:58	0° A	
	-2465 Aug 11 j 10:27	0° M			-2462 Feb 07 j 04:40	25° A 49'33	
desc. node	-2465 Aug 23 j 08:54	14° M 28'48			-2462 Feb 10 j 15:47	0° B	
	-2465 Sep 05 j 05:41	0° A			-2462 Mar 07 j 11:40	0° \approx	
	-2465 Sep 30 j 10:59	0° M			-2462 Apr 01 j 05:29	0° H	
	-2465 Oct 26 j 13:56	0° A			-2462 Apr 25 j 21:02	0° Y	
evening max el	-2465 Nov 14 j 08:52	20° A 11'07	47°19'20	morning set	-2462 May 10 j 07:31	17° Y 38'25	
	-2465 Nov 24 j 07:37	0° B			-2462 May 20 j 09:39	0° B	
asc. node	-2465 Dec 14 j 08:46	16° B 26'09		asc. node	-2462 May 31 j 04:38	13° B 15'26	
greatest brilliancy	-2465 Dec 21 j 08:33	20° B 27'33	-4.6m	max. Earth dist.	-2462 Jun 11 j 13:53	27° B 17'08	1.73203 AU
retrograde	-2464 Jan 04 j 10:23	24° B 08'23			-2462 Jun 13 j 18:41	0° II	
evening set	-2464 Jan 21 j 09:45	18° B 24'16		superior conj	-2462 Jun 15 j 07:36	1° II 53'59	0°34'39
min. Earth dist.	-2464 Jan 24 j 13:31	16° B 26'20	0.28162 AU	minimum elong	-2462 Jun 15 j 01:16	1° II 34'25	0°34'26
inferior conj	-2464 Jan 25 j 11:46	15° B 51'00	7°58'19		-2462 Jul 08 j 00:07	0° S	
minimum elong	-2464 Jan 25 j 05:32	16° B 00'54	7°57'37	evening rise	-2462 Jul 21 j 04:55	16° S 24'23	
morning rise	-2464 Jan 29 j 01:44	13° B 36'53			-2462 Aug 01 j 02:56	0° Ω	
direct	-2464 Feb 15 j 10:32	7° B 46'14			-2462 Aug 25 j 04:51	0° M	
greatest brilliancy	-2464 Feb 26 j 06:16	9° B 55'13	-4.5m		-2462 Sep 18 j 07:43	0° A	
desc. node	-2464 Mar 26 j 18:34	0° \approx		desc. node	-2462 Sep 19 j 21:08	1° A 56'07	
	-2464 Apr 04 j 02:03	7° \approx 40'03			-2462 Oct 12 j 13:10	0° M	
morning max el	-2464 Apr 04 j 09:41	7° \approx 58'16	45°53'50		-2462 Nov 05 j 23:24	0° A	
	-2464 Apr 26 j 02:03	0° H			-2462 Nov 30 j 19:09	0° B	
	-2464 May 23 j 06:59	0° Y			-2462 Dec 26 j 11:44	0° \approx	
	-2464 Jun 18 j 05:10	0° B		asc. node	-2461 Jan 10 j 20:36	17° \approx 00'52	
	-2464 Jul 13 j 08:17	0° II			-2461 Jan 23 j 08:35	0° H	
asc. node	-2464 Jul 26 j 02:18	15° II 30'41		evening max el	-2461 Jan 24 j 09:26	1° H 01'52	46°00'51
	-2464 Aug 06 j 21:19	0° S		greatest brilliancy	-2461 Feb 27 j 23:11	28° H 22'41	-4.5m
	-2464 Aug 31 j 00:11	0° Ω			-2461 Mar 03 j 16:03	0° Y	
morning set	-2464 Sep 23 j 21:00	0° M		retrograde	-2461 Mar 14 j 17:19	2° Y 13'55	
	-2464 Sep 29 j 02:54	6° M 36'56			-2461 Mar 25 j 07:17	30° R H	
	-2464 Oct 17 j 15:37	0° A		evening set	-2461 Mar 31 j 07:03	26° H 57'20	
superior conj	-2464 Nov 09 j 02:41	28° A 18'49	0°13'21	inferior conj	-2461 Apr 05 j 04:33	23° H 55'46	5°43'02
	-2464 Nov 09 j 06:18	28° A 30'10	0°13'08	minimum elong	-2461 Apr 05 j 13:39	23° H 41'19	5°41'08
behind sun begin	-2464 Nov 08 j 13:59	27° A 38'50		min. Earth dist.	-2461 Apr 05 j 14:06	23° H 40'36	0.29206 AU
behind sun end	-2464 Nov 09 j 22:36	29° A 21'29		morning rise	-2461 Apr 10 j 20:14	20° H 27'27	
	-2464 Nov 10 j 10:51	0° M		direct	-2461 Apr 26 j 21:21	15° H 32'00	
	-2464 Nov 12 j 13:29	2° M 39'18	1.71033 AU	desc. node	-2461 May 02 j 13:36	16° H 07'54	
max. Earth dist.	-2464 Nov 14 j 19:08	5° M 28'03		greatest brilliancy	-2461 May 10 j 03:56	18° H 36'33	-4.5m
desc. node	-2464 Dec 04 j 08:07	0° A			-2461 May 28 j 06:15	0° Y	
evening rise	-2464 Dec 21 j 08:36	21° A 17'23		morning max el	-2461 Jun 14 j 17:46	15° Y 20'31	45°51'34
	-2464 Dec 28 j 08:12	0° B			-2461 Jun 29 j 08:39	0° B	
	-2463 Jan 21 j 11:59	0° \approx			-2461 Jul 26 j 17:03	0° II	
	-2463 Feb 14 j 21:11	0° H			-2461 Aug 21 j 07:46	0° S	
asc. node	-2463 Mar 07 j 18:37	25° H 23'47		asc. node	-2461 Aug 23 j 14:11	2° S 43'08	
	-2463 Mar 11 j 14:15	0° Y			-2461 Sep 14 j 23:50	0° Ω	
	-2463 Apr 05 j 18:37	0° B			-2461 Oct 09 j 03:14	0° M	
	-2463 May 01 j 16:01	0° II			-2461 Nov 02 j 01:01	0° A	
	-2463 May 28 j 19:55	0° S		desc. node	-2461 Nov 25 j 21:56	0° M	
evening max el	-2463 Jun 18 j 07:20	20° S 49'09	45°50'00	morning set	-2461 Dec 13 j 06:58	21° M 46'59	
desc. node	-2463 Jun 27 j 11:08	29° S 16'27			-2461 Dec 16 j 02:25	25° M 18'02	
	-2463 Jun 28 j 06:57	0° Ω			-2461 Dec 19 j 20:35	0° A	
greatest brilliancy	-2463 Jul 26 j 20:22	19° Ω 01'18	-4.6m		-2460 Jan 12 j 21:48	0° B	
retrograde	-2463 Aug 06 j 11:34	21° Ω 02'43		superior conj	-2460 Jan 26 j 10:41	16° B 49'33	-1°-19'-26
evening set	-2463 Aug 24 j 11:00	15° Ω 03'40		minimum elong	-2460 Jan 26 j 03:45	16° B 28'02	1°19'25

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

max. Earth dist.	-2460 Jan 30 j 08:17	21°☿39'50	1.72449 AU	direct	-2458 Jul 05 j 10:33	22°♄16'07	
	-2460 Feb 06 j 01:42	0°♊		greatest brilliancy	-2458 Jul 20 j 02:08	26°♄01'12	-4.5m
	-2460 Mar 01 j 08:31	0°♋			-2458 Jul 27 j 04:23	0°♌	
evening rise	-2460 Mar 05 j 08:36	4°♋55'47		morning max el	-2458 Aug 24 j 06:31	23°♌40'15	46°26'03
	-2460 Mar 25 j 18:43	0°♍			-2458 Aug 30 j 12:33	0°♎	
asc. node	-2460 Apr 04 j 06:46	11°♍36'59		asc. node	-2458 Sep 20 j 01:59	22°♎21'52	
	-2460 Apr 19 j 08:52	0°♏			-2458 Sep 26 j 18:16	0°♐	
	-2460 May 14 j 03:41	0°♑			-2458 Oct 22 j 01:48	0°♒	
	-2460 Jun 08 j 04:40	0°♓			-2458 Nov 15 j 14:38	0°♈	
	-2460 Jul 03 j 15:19	0°♈			-2458 Dec 09 j 20:55	0°♉	
desc. node	-2460 Jul 24 j 22:55	24°♈31'17			-2457 Jan 03 j 02:20	0°♊	
	-2460 Jul 29 j 19:41	0°♋		desc. node	-2457 Jan 09 j 18:59	8°♊16'52	
	-2460 Aug 26 j 15:54	0°♌			-2457 Jan 27 j 09:00	0°♋	
evening max el	-2460 Aug 30 j 22:22	4°♌17'57	47°12'30		-2457 Feb 20 j 17:11	0°♌	
	-2460 Sep 30 j 06:47	0°♍		morning set	-2457 Feb 28 j 20:25	10°♌00'30	
greatest brilliancy	-2460 Oct 09 j 06:05	4°♍40'51	-4.7m		-2457 Mar 17 j 02:39	0°♍	
retrograde	-2460 Oct 20 j 11:38	7°♍03'38					
evening set	-2460 Nov 04 j 01:56	2°♍49'51		superior conj	-2457 Apr 07 j 03:03	25°♋48'37	0°-55'-18
	-2460 Nov 08 j 22:35	30°♎		minimum elong	-2457 Apr 07 j 11:50	26°♋15'35	0°55'00
inferior conj	-2460 Nov 10 j 01:22	29°♎19'03	-1°-15'-53	max. Earth dist.	-2457 Apr 07 j 07:25	26°♋02'02	1.73651 AU
minimum elong	-2460 Nov 10 j 04:13	29°♎14'41	1°15'01		-2457 Apr 10 j 12:57	0°♍	
min. Earth dist.	-2460 Nov 09 j 18:47	29°♎29'09	0.26364 AU	asc. node	-2457 May 02 j 18:43	27°♍17'44	
asc. node	-2460 Nov 14 j 23:00	26°♎24'08			-2457 May 04 j 23:36	0°♏	
morning rise	-2460 Nov 16 j 06:40	25°♎40'54		evening rise	-2457 May 13 j 09:31	10°♏19'41	
direct	-2460 Nov 30 j 06:22	21°♎43'53			-2457 May 29 j 10:08	0°♑	
greatest brilliancy	-2460 Dec 11 j 21:12	24°♎15'32	-4.7m		-2457 Jun 22 j 20:38	0°♒	
	-2460 Dec 22 j 08:19	0°♏			-2457 Jul 17 j 08:08	0°♈	
morning max el	-2459 Jan 19 j 07:23	24°♏02'45	46°31'51		-2457 Aug 10 j 22:32	0°♉	
	-2459 Jan 25 j 04:51	0°♊		desc. node	-2457 Aug 22 j 11:07	13°♉57'51	
	-2459 Feb 22 j 00:09	0°♋			-2457 Sep 04 j 18:42	0°♊	
desc. node	-2459 Mar 06 j 16:34	14°♋20'08			-2457 Sep 30 j 01:30	0°♋	
	-2459 Mar 20 j 07:38	0°♌			-2457 Oct 26 j 07:29	0°♌	
	-2459 Apr 14 j 22:55	0°♍		evening max el	-2457 Nov 12 j 01:10	17°♌53'52	47°20'52
	-2459 May 10 j 03:59	0°♎			-2457 Nov 24 j 10:52	0°♍	
	-2459 Jun 04 j 00:44	0°♏		asc. node	-2457 Dec 13 j 10:53	15°♍02'43	
asc. node	-2459 Jun 27 j 16:34	28°♏54'56		greatest brilliancy	-2457 Dec 19 j 02:24	18°♍11'45	-4.6m
	-2459 Jun 28 j 13:43	0°♑		retrograde	-2456 Jan 02 j 02:24	21°♍49'43	
morning set	-2459 Jul 16 j 18:57	22°♑30'48		evening set	-2456 Jan 18 j 22:06	16°♍10'42	
	-2459 Jul 22 j 19:32	0°♒		min. Earth dist.	-2456 Jan 22 j 03:31	14°♍10'12	0.28089 AU
	-2459 Aug 15 j 19:47	0°♈		inferior conj	-2456 Jan 23 j 02:52	13°♍33'08	7°51'12
max. Earth dist.	-2459 Aug 20 j 00:48	5°♈16'49	1.71567 AU	minimum elong	-2456 Jan 22 j 20:04	13°♍43'57	7°50'22
				morning rise	-2456 Jan 26 j 18:30	11°♍16'35	
superior conj	-2459 Aug 23 j 02:24	9°♈07'52	1°24'14	direct	-2456 Feb 13 j 01:24	5°♍29'53	
minimum elong	-2459 Aug 23 j 02:49	9°♈09'09	1°24'17	greatest brilliancy	-2456 Feb 23 j 18:10	7°♍36'27	-4.5m
	-2459 Sep 08 j 16:51	0°♉			-2456 Mar 26 j 21:02	0°♊	
evening rise	-2459 Oct 01 j 14:44	28°♉49'03		morning max el	-2456 Apr 02 j 00:31	5°♊44'40	45°54'36
	-2459 Oct 02 j 13:18	0°♊		desc. node	-2456 Apr 03 j 04:08	6°♊50'59	
desc. node	-2459 Oct 17 j 09:13	18°♊37'19			-2456 Apr 25 j 18:47	0°♋	
	-2459 Oct 26 j 10:59	0°♋			-2456 May 22 j 20:42	0°♌	
	-2459 Nov 19 j 11:05	0°♌			-2456 Jun 17 j 17:30	0°♍	
	-2459 Dec 13 j 15:01	0°♍			-2456 Jul 12 j 19:52	0°♎	
	-2458 Jan 07 j 01:42	0°♎		asc. node	-2456 Jul 25 j 04:28	15°♎02'30	
	-2458 Feb 01 j 00:46	0°♏			-2456 Aug 06 j 08:31	0°♏	
asc. node	-2458 Feb 07 j 08:37	7°♏27'17		greatest brilliancy	-2456 Aug 18 j 14:53	15°♏12'30	-3.9m
	-2458 Feb 26 j 22:28	0°♑			-2456 Aug 30 j 11:11	0°♐	
	-2458 Mar 26 j 18:34	0°♒			-2456 Sep 23 j 07:56	0°♑	
evening max el	-2458 Apr 05 j 03:25	9°♒14'21	45°11'35	morning set	-2456 Sep 26 j 15:23	4°♑10'30	
	-2458 Apr 30 j 06:30	0°♓			-2456 Oct 17 j 02:34	0°♒	
greatest brilliancy	-2458 May 09 j 21:07	5°♓19'10	-4.5m				
retrograde	-2458 May 23 j 11:16	8°♓31'00		superior conj	-2456 Nov 06 j 12:04	25°♓42'46	0°17'17
desc. node	-2458 May 30 j 01:24	7°♓39'44		minimum elong	-2456 Nov 06 j 16:41	25°♓57'18	0°17'02
evening set	-2458 Jun 07 j 10:45	4°♓13'55			-2456 Nov 09 j 21:48	0°♈	
inferior conj	-2458 Jun 13 j 19:25	0°♓29'25	-3°-22'-9	max. Earth dist.	-2456 Nov 09 j 19:36	29°♓53'03	1.71011 AU
minimum elong	-2458 Jun 13 j 12:23	0°♓40'15	3°20'12	desc. node	-2456 Nov 13 j 21:08	4°♈59'49	
min. Earth dist.	-2458 Jun 14 j 03:34	0°♓16'53	0.28606 AU		-2456 Dec 03 j 19:07	0°♉	
	-2458 Jun 14 j 14:33	30°♓		evening rise	-2456 Dec 18 j 18:44	18°♉44'45	
morning rise	-2458 Jun 19 j 13:33	27°♓03'37			-2456 Dec 27 j 19:14	0°♊	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2455 Jan 20 j 23:07	0°♊			-2453 Aug 20 j 20:33	0°♉		
	-2455 Feb 14 j 08:30	0°♈		asc. node	-2453 Aug 22 j 16:19	2°♉11'24		
asc. node	-2455 Mar 06 j 20:45	24°♈55'10			-2453 Sep 14 j 11:53	0°♊		
	-2455 Mar 11 j 01:58	0°♉			-2453 Oct 08 j 14:54	0°♊		
	-2455 Apr 05 j 07:08	0°♈			-2453 Nov 01 j 12:27	0°♊		
	-2455 May 01 j 06:08	0°♊			-2453 Nov 25 j 09:13	0°♊		
	-2455 May 28 j 13:37	0°♉		desc. node	-2453 Dec 12 j 09:07	21°♊18'43		
evening max el	-2455 Jun 15 j 20:21	18°♉28'56	45°47'22	morning set	-2453 Dec 13 j 12:23	22°♊44'04		
desc. node	-2455 Jun 26 j 13:16	28°♉17'20			-2453 Dec 19 j 07:43	0°♊		
	-2455 Jun 28 j 13:12	0°♊			-2452 Jan 12 j 08:49	0°♊		
greatest brilliancy	-2455 Jul 24 j 08:53	16°♊39'10	-4.6m					
retrograde	-2455 Aug 03 j 23:33	18°♊40'22		superior conj	-2452 Jan 23 j 23:34	14°♊26'33	-1°-18'-9	
evening set	-2455 Aug 21 j 23:42	12°♊41'46		minimum elong	-2452 Jan 23 j 15:53	14°♊02'43	1°18'05	
inferior conj	-2455 Aug 24 j 21:29	10°♊56'44	-8°-54'-1	max. Earth dist.	-2452 Jan 27 j 21:01	19°♊16'34	1.72392 AU	
minimum elong	-2455 Aug 24 j 22:37	10°♊55'02	8°53'59		-2452 Feb 05 j 12:38	0°♊		
min. Earth dist.	-2455 Aug 25 j 10:50	10°♊36'26	0.27358 AU		-2452 Feb 29 j 19:26	0°♈		
morning rise	-2455 Aug 27 j 21:22	9°♊08'16		evening rise	-2452 Mar 03 j 00:16	2°♈42'39		
direct	-2455 Sep 14 j 18:47	3°♊06'30			-2452 Mar 25 j 05:44	0°♉		
greatest brilliancy	-2455 Sep 28 j 10:36	6°♊31'00	-4.7m	asc. node	-2452 Apr 03 j 08:44	11°♉09'06		
asc. node	-2455 Oct 17 j 13:24	19°♊34'28			-2452 Apr 18 j 20:09	0°♈		
	-2455 Oct 28 j 22:52	0°♊			-2452 May 13 j 15:27	0°♊		
morning max el	-2455 Nov 04 j 13:22	6°♊36'17	46°53'44		-2452 Jun 07 j 17:13	0°♉		
	-2455 Nov 26 j 04:07	0°♊			-2452 Jul 03 j 05:12	0°♊		
	-2455 Dec 22 j 01:46	0°♊		desc. node	-2452 Jul 24 j 01:07	23°♊53'01		
	-2454 Jan 16 j 05:56	0°♊			-2452 Jul 29 j 12:05	0°♊		
desc. node	-2454 Feb 06 j 06:50	25°♊19'10			-2452 Aug 26 j 14:29	0°♊		
	-2454 Feb 10 j 03:55	0°♊		evening max el	-2452 Aug 28 j 11:24	1°♊52'05	47°10'20	
	-2454 Mar 06 j 23:15	0°♊			-2452 Oct 02 j 02:54	0°♊		
	-2454 Mar 31 j 16:41	0°♈		greatest brilliancy	-2452 Oct 06 j 19:41	2°♊11'21	-4.7m	
	-2454 Apr 25 j 07:57	0°♉		retrograde	-2452 Oct 18 j 00:18	4°♊32'59		
morning set	-2454 May 08 j 02:06	15°♉35'22		evening set	-2452 Nov 01 j 15:36	0°♊17'03		
	-2454 May 19 j 20:24	0°♈			-2452 Nov 02 j 04:06	30°♊		
asc. node	-2454 May 30 j 06:43	12°♈48'46		inferior conj	-2452 Nov 07 j 13:27	26°♊48'51	-1°-40'-13	
max. Earth dist.	-2454 Jun 09 j 09:59	25°♈17'58	1.73249 AU	minimum elong	-2452 Nov 07 j 17:12	26°♊43'08	1°39'04	
				min. Earth dist.	-2452 Nov 07 j 08:11	26°♊56'54	0.26352 AU	
superior conj	-2454 Jun 13 j 02:06	29°♈49'47	0°31'48	morning rise	-2452 Nov 13 j 18:56	23°♊11'04		
minimum elong	-2454 Jun 12 j 20:13	29°♈31'36	0°31'35	asc. node	-2452 Nov 14 j 01:10	23°♊02'54		
	-2454 Jun 13 j 05:25	0°♊		direct	-2452 Nov 27 j 18:36	19°♊13'47		
	-2454 Jul 07 j 10:57	0°♉		greatest brilliancy	-2452 Dec 09 j 11:15	21°♊47'58	-4.7m	
evening rise	-2454 Jul 18 j 22:20	14°♉15'20			-2452 Dec 23 j 09:34	0°♊		
	-2454 Jul 31 j 13:58	0°♊		morning max el	-2451 Jan 16 j 21:50	21°♊41'23	46°33'23	
	-2454 Aug 24 j 16:08	0°♊			-2451 Jan 25 j 01:46	0°♊		
	-2454 Sep 17 j 19:18	0°♊			-2451 Feb 21 j 15:48	0°♊		
desc. node	-2454 Sep 18 j 23:09	1°♊26'24		desc. node	-2451 Mar 05 j 18:37	13°♊44'47		
	-2454 Oct 12 j 01:08	0°♊			-2451 Mar 19 j 21:06	0°♊		
	-2454 Nov 05 j 11:56	0°♊			-2451 Apr 14 j 11:13	0°♈		
	-2454 Nov 30 j 08:39	0°♊			-2451 May 09 j 15:38	0°♉		
	-2454 Dec 26 j 03:16	0°♊			-2451 Jun 03 j 12:02	0°♈		
asc. node	-2453 Jan 09 j 22:46	16°♊18'51		asc. node	-2451 Jun 26 j 18:43	28°♊27'25		
evening max el	-2453 Jan 21 j 23:31	28°♊44'29	46°03'33		-2451 Jun 28 j 00:49	0°♊		
	-2453 Jan 23 j 06:04	0°♈		morning set	-2451 Jul 14 j 11:47	20°♊19'56		
greatest brilliancy	-2453 Feb 25 j 14:59	26°♈12'58	-4.5m		-2451 Jul 22 j 06:34	0°♉		
	-2453 Mar 10 j 02:25	0°♉			-2451 Aug 15 j 06:49	0°♊		
retrograde	-2453 Mar 12 j 10:04	0°♉06'19		max. Earth dist.	-2451 Aug 17 j 12:30	2°♊48'15	1.71619 AU	
	-2453 Mar 14 j 17:09	30°♊						
evening set	-2453 Mar 29 j 02:22	24°♈45'29		superior conj	-2451 Aug 20 j 17:08	6°♊48'40	1°24'13	
inferior conj	-2453 Apr 02 j 21:25	21°♈47'37	5°56'37	minimum elong	-2451 Aug 20 j 16:44	6°♊47'24	1°24'16	
minimum elong	-2453 Apr 03 j 06:32	21°♈33'09	5°54'49		-2451 Sep 08 j 04:00	0°♊		
min. Earth dist.	-2453 Apr 03 j 06:40	21°♈32'57	0.29210 AU	evening rise	-2451 Sep 29 j 01:18	26°♊15'59		
morning rise	-2453 Apr 08 j 10:40	18°♈22'43			-2451 Oct 02 j 00:36	0°♊		
direct	-2453 Apr 24 j 13:20	13°♈23'40		desc. node	-2451 Oct 16 j 11:12	18°♊07'49		
desc. node	-2453 May 01 j 15:37	14°♈19'06			-2451 Oct 25 j 22:27	0°♊		
greatest brilliancy	-2453 May 07 j 19:42	16°♈27'36	-4.5m		-2451 Nov 18 j 22:43	0°♊		
	-2453 May 28 j 14:56	0°♉			-2451 Dec 13 j 02:52	0°♊		
morning max el	-2453 Jun 12 j 09:45	13°♉10'33	45°50'58		-2450 Jan 06 j 13:57	0°♊		
	-2453 Jun 29 j 02:28	0°♈			-2450 Jan 31 j 13:48	0°♈		
	-2453 Jul 26 j 07:18	0°♊		asc. node	-2450 Feb 06 j 10:44	6°♈54'28		

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2450 Feb 26 j 13:18	0°♄				-2448 Aug 29 j 22:34	0°♌	
	-2450 Mar 26 j 14:14	0°♄				-2448 Sep 22 j 19:18	0°♍	
evening max el	-2450 Apr 02 j 20:02	7°♄05'48	45°11'53	morning set		-2448 Sep 24 j 03:38	1°♍41'55	
	-2450 May 01 j 10:17	0°♄				-2448 Oct 16 j 13:56	0°♎	
greatest brilliancy	-2450 May 07 j 11:11	3°♄07'07	-4.5m					
retrograde	-2450 May 21 j 02:51	6°♄20'06		superior conj		-2448 Nov 03 j 21:11	23°♎04'41	0°21'12
desc. node	-2450 May 29 j 03:35	5°♄04'12		minimum elong		-2448 Nov 04 j 02:47	23°♎22'17	0°20'54
evening set	-2450 Jun 05 j 01:32	2°♄04'14		max. Earth dist.		-2448 Nov 06 j 21:56	26°♎53'37	1.70985 AU
	-2450 Jun 08 j 16:20	30°♄				-2448 Nov 09 j 09:10	0°♏	
inferior conj	-2450 Jun 11 j 11:05	28°♄17'57	-3°-3'-13	desc. node		-2448 Nov 12 j 23:19	4°♏30'59	
minimum elong	-2450 Jun 11 j 04:37	28°♄27'54	3°01'24			-2448 Dec 03 j 06:28	0°♐	
min. Earth dist.	-2450 Jun 11 j 19:14	28°♄05'23	0.28639 AU	evening rise		-2448 Dec 16 j 04:33	16°♐09'57	
morning rise	-2450 Jun 17 j 07:19	24°♄48'56				-2448 Dec 27 j 06:36	0°♑	
direct	-2450 Jul 03 j 03:07	20°♄04'11				-2447 Jan 20 j 10:34	0°♒	
greatest brilliancy	-2450 Jul 17 j 16:59	23°♄47'23	-4.5m			-2447 Feb 13 j 20:09	0°♓	
	-2450 Jul 28 j 03:41	0°♄		asc. node		-2447 Mar 05 j 22:45	24°♓25'12	
morning max el	-2450 Aug 21 j 21:54	21°♄24'16	46°24'33			-2447 Mar 10 j 14:01	0°♈	
	-2450 Aug 30 j 08:32	0°♄				-2447 Apr 04 j 19:59	0°♉	
asc. node	-2450 Sep 19 j 03:58	21°♄41'38				-2447 Apr 30 j 20:38	0°♊	
	-2450 Sep 26 j 09:38	0°♌				-2447 May 28 j 07:58	0°♋	
	-2450 Oct 21 j 15:23	0°♍		evening max el		-2447 Jun 13 j 08:59	16°♋07'30	45°44'49
	-2450 Nov 15 j 03:20	0°♎		desc. node		-2447 Jun 25 j 15:24	27°♋16'16	
	-2450 Dec 09 j 09:05	0°♏				-2447 Jun 28 j 22:06	0°♌	
	-2449 Jan 02 j 14:07	0°♐		greatest brilliancy		-2447 Jul 21 j 20:17	14°♌15'35	-4.6m
desc. node	-2449 Jan 08 j 21:04	7°♐47'09		retrograde		-2447 Aug 01 j 11:45	16°♌18'00	
	-2449 Jan 26 j 20:28	0°♑		evening set		-2447 Aug 19 j 11:54	10°♌20'10	
	-2449 Feb 20 j 04:24	0°♒		inferior conj		-2447 Aug 22 j 10:44	8°♌33'46	-8°-54'-4
morning set	-2449 Feb 26 j 11:46	7°♒45'48		minimum elong		-2447 Aug 22 j 10:53	8°♌33'31	8°54'03
	-2449 Mar 16 j 13:41	0°♓		min. Earth dist.		-2447 Aug 23 j 00:09	8°♌13'21	0.27417 AU
				morning rise		-2447 Aug 25 j 09:41	6°♌46'40	
superior conj	-2449 Apr 04 j 20:55	23°♓42'29	0°-57'-39	direct		-2447 Sep 12 j 08:11	0°♌42'15	
minimum elong	-2449 Apr 05 j 05:49	24°♓09'49	0°57'21	greatest brilliancy		-2447 Sep 26 j 03:02	4°♌09'31	-4.7m
max. Earth dist.	-2449 Apr 05 j 06:48	24°♓12'49	1.73630 AU	asc. node		-2447 Oct 16 j 15:36	18°♌26'55	
	-2449 Apr 09 j 23:54	0°♈				-2447 Oct 29 j 00:07	0°♍	
asc. node	-2449 May 01 j 20:51	26°♈50'41		morning max el		-2447 Nov 02 j 02:31	4°♍08'15	46°53'34
	-2449 May 04 j 10:34	0°♉				-2447 Nov 25 j 21:31	0°♎	
evening rise	-2449 May 11 j 04:52	8°♉18'02				-2447 Dec 21 j 16:25	0°♏	
	-2449 May 28 j 21:15	0°♊				-2446 Jan 15 j 19:10	0°♐	
	-2449 Jun 22 j 08:04	0°♋		desc. node		-2446 Feb 05 j 08:54	24°♐47'38	
	-2449 Jul 16 j 20:02	0°♌				-2446 Feb 09 j 16:18	0°♑	
	-2449 Aug 10 j 11:07	0°♍				-2446 Mar 06 j 11:03	0°♒	
desc. node	-2449 Aug 21 j 13:07	13°♍24'46				-2446 Mar 31 j 04:05	0°♓	
	-2449 Sep 04 j 08:14	0°♎				-2446 Apr 24 j 19:05	0°♈	
	-2449 Sep 29 j 16:37	0°♏		morning set		-2446 May 05 j 20:55	13°♈32'17	
	-2449 Oct 26 j 01:49	0°♐				-2446 May 19 j 07:23	0°♉	
evening max el	-2449 Nov 09 j 16:50	15°♐33'50	47°22'26	asc. node		-2446 May 29 j 08:56	12°♉21'54	
	-2449 Nov 24 j 16:18	0°♑		max. Earth dist.		-2446 Jun 07 j 07:53	23°♉23'46	1.73290 AU
asc. node	-2449 Dec 12 j 13:04	13°♑35'36						
greatest brilliancy	-2449 Dec 16 j 20:53	15°♑55'41	-4.6m	superior conj		-2446 Jun 10 j 20:59	27°♉46'12	0°28'56
retrograde	-2449 Dec 30 j 17:59	19°♑29'57		minimum elong		-2446 Jun 10 j 15:33	27°♉29'26	0°28'44
evening set	-2448 Jan 16 j 10:27	13°♑56'22				-2446 Jun 12 j 16:21	0°♊	
min. Earth dist.	-2448 Jan 19 j 18:00	11°♑52'37	0.28012 AU			-2446 Jul 06 j 21:59	0°♋	
inferior conj	-2448 Jan 20 j 18:02	11°♑14'25	7°43'25	evening rise		-2446 Jul 16 j 16:19	12°♋07'38	
minimum elong	-2448 Jan 20 j 10:42	11°♑26'05	7°42'25			-2446 Jul 31 j 01:11	0°♌	
morning rise	-2448 Jan 24 j 11:26	8°♑55'05				-2446 Aug 24 j 03:37	0°♍	
direct	-2448 Feb 10 j 15:55	3°♑12'40				-2446 Sep 17 j 07:08	0°♎	
greatest brilliancy	-2448 Feb 21 j 06:42	5°♑17'15	-4.5m	desc. node		-2446 Sep 18 j 01:13	0°♎56'03	
	-2448 Mar 26 j 22:28	0°♒				-2446 Oct 11 j 13:26	0°♏	
morning max el	-2448 Mar 30 j 14:42	3°♒28'27	45°55'31			-2446 Nov 05 j 00:52	0°♐	
desc. node	-2448 Apr 02 j 06:07	6°♒01'38				-2446 Nov 29 j 22:37	0°♑	
	-2448 Apr 25 j 11:30	0°♓				-2446 Dec 25 j 19:24	0°♒	
	-2448 May 22 j 10:34	0°♈		asc. node		-2445 Jan 09 j 00:51	15°♒35'06	
	-2448 Jun 17 j 06:02	0°♉		evening max el		-2445 Jan 19 j 14:19	26°♒27'55	46°06'34
	-2448 Jul 12 j 07:43	0°♊				-2445 Jan 23 j 04:45	0°♓	
asc. node	-2448 Jul 24 j 06:34	14°♊33'16		greatest brilliancy		-2445 Feb 23 j 06:20	24°♓02'03	-4.5m
	-2448 Aug 05 j 20:02	0°♋		retrograde		-2445 Mar 10 j 03:23	27°♓58'15	
greatest brilliancy	-2448 Aug 22 j 18:58	21°♋03'37	-3.9m	evening set		-2445 Mar 26 j 21:46	22°♓33'02	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

inferior conj	-2445 Mar 31 j 14:21	19° K 38'54	6°09'49	minimum elong	-2443 Aug 18 j 07:14	4° Ω 27'54	1°24'07
minimum elong	-2445 Mar 31 j 23:26	19° K 24'30	6°08'04		-2443 Sep 07 j 15:02	0° M	
min. Earth dist.	-2445 Mar 31 j 22:56	19° K 25'17	0.29208 AU	evening rise	-2443 Sep 26 j 12:29	23° M 45'17	
morning rise	-2445 Apr 06 j 01:05	16° K 17'47			-2443 Oct 01 j 11:46	0° Ω	
direct	-2445 Apr 22 j 05:38	11° K 14'52		desc. node	-2443 Oct 15 j 13:26	17° Ω 39'36	
desc. node	-2445 Apr 30 j 17:53	12° K 33'54			-2443 Oct 25 j 09:45	0° M	
greatest brilliancy	-2445 May 05 j 11:25	14° K 18'22	-4.5m		-2443 Nov 18 j 10:11	0° K	
	-2445 May 28 j 21:21	0° Y			-2443 Dec 12 j 14:35	0° Z	
morning max el	-2445 Jun 10 j 02:45	11° Y 02'52	45°50'28		-2442 Jan 06 j 02:07	0° \approx	
	-2445 Jun 28 j 19:59	0° B			-2442 Jan 31 j 02:52	0° K	
	-2445 Jul 25 j 21:28	0° II		asc. node	-2442 Feb 05 j 12:44	6° K 21'17	
	-2445 Aug 20 j 09:19	0° S			-2442 Feb 26 j 04:17	0° Y	
asc. node	-2445 Aug 21 j 18:21	1° S 39'19			-2442 Mar 26 j 10:29	0° B	
	-2445 Sep 13 j 23:57	0° Ω		evening max el	-2442 Mar 31 j 12:19	4° B 56'31	45°12'20
	-2445 Oct 08 j 02:37	0° M			-2442 May 03 j 01:58	0° II	
	-2445 Oct 31 j 23:57	0° Ω		greatest brilliancy	-2442 May 05 j 02:10	0° II 56'37	-4.5m
	-2445 Nov 24 j 20:37	0° M		retrograde	-2442 May 18 j 18:03	4° II 09'59	
morning set	-2445 Dec 10 j 22:02	20° M 08'26		desc. node	-2442 May 28 j 05:40	2° II 24'52	
desc. node	-2445 Dec 11 j 11:16	20° M 49'54		evening set	-2442 Jun 02 j 16:38	29° B 55'09	
	-2445 Dec 18 j 19:02	0° K			-2442 Jun 02 j 13:00	30° R B	
	-2444 Jan 11 j 20:01	0° Z		inferior conj	-2442 Jun 09 j 02:54	26° B 07'30	-2°-44'-11
				minimum elong	-2442 Jun 08 j 21:04	26° B 16'32	2°42'31
superior conj	-2444 Jan 21 j 11:44	12° Z 00'38	-1°-16'-41	min. Earth dist.	-2442 Jun 09 j 11:22	25° B 54'24	0.28668 AU
minimum elong	-2444 Jan 21 j 03:20	11° Z 34'32	1°16'35	morning rise	-2442 Jun 15 j 01:03	22° B 35'18	
max. Earth dist.	-2444 Jan 25 j 08:37	16° Z 49'05	1.72334 AU	direct	-2442 Jun 30 j 19:26	17° B 53'19	
	-2444 Feb 04 j 23:44	0° \approx		greatest brilliancy	-2442 Jul 15 j 07:24	21° B 33'51	-4.5m
	-2444 Feb 29 j 06:29	0° K			-2442 Jul 28 j 20:33	0° II	
evening rise	-2444 Feb 29 j 15:26	0° K 27'32		morning max el	-2442 Aug 19 j 12:27	19° II 07'04	46°23'02
	-2444 Mar 24 j 16:52	0° Y			-2442 Aug 30 j 03:39	0° S	
asc. node	-2444 Apr 02 j 10:54	10° Y 41'32		asc. node	-2442 Sep 18 j 06:09	21° S 03'04	
	-2444 Apr 18 j 07:32	0° B			-2442 Sep 26 j 00:33	0° Ω	
	-2444 May 13 j 03:18	0° II			-2442 Oct 21 j 04:38	0° M	
	-2444 Jun 07 j 05:52	0° S			-2442 Nov 14 j 15:43	0° Ω	
	-2444 Jul 02 j 19:13	0° Ω			-2442 Dec 08 j 20:56	0° M	
desc. node	-2444 Jul 23 j 03:09	23° Ω 14'04			-2441 Jan 02 j 01:34	0° K	
	-2444 Jul 29 j 04:42	0° M		desc. node	-2441 Jan 07 j 23:07	7° K 18'14	
evening max el	-2444 Aug 26 j 01:33	29° M 29'37	47°08'07		-2441 Jan 26 j 07:38	0° Z	
	-2444 Aug 26 j 13:51	0° Ω			-2441 Feb 19 j 15:22	0° \approx	
greatest brilliancy	-2444 Oct 04 j 08:56	29° Ω 42'22	-4.7m	morning set	-2441 Feb 24 j 02:57	5° \approx 31'12	
	-2444 Oct 05 j 03:11	0° M			-2441 Mar 16 j 00:30	0° K	
retrograde	-2444 Oct 15 j 13:18	2° M 03'00					
	-2444 Oct 25 j 12:36	30° R Ω		superior conj	-2441 Apr 02 j 14:32	21° K 36'12	0°-59'-56
evening set	-2444 Oct 30 j 05:39	27° Ω 44'58		minimum elong	-2441 Apr 02 j 23:29	22° K 03'42	0°59'38
inferior conj	-2444 Nov 05 j 01:39	24° Ω 19'21	-2°-4'-16	max. Earth dist.	-2441 Apr 03 j 04:17	22° K 18'25	1.73609 AU
minimum elong	-2444 Nov 05 j 06:16	24° Ω 12'18	2°02'51		-2441 Apr 09 j 10:39	0° Y	
min. Earth dist.	-2444 Nov 04 j 21:28	24° Ω 25'43	0.26346 AU	asc. node	-2441 Apr 30 j 23:01	26° Y 24'21	
morning rise	-2444 Nov 11 j 07:06	20° Ω 42'08			-2441 May 03 j 21:20	0° B	
asc. node	-2444 Nov 13 j 03:19	19° Ω 46'30		evening rise	-2441 May 08 j 23:53	6° B 15'58	
direct	-2444 Nov 25 j 07:27	16° Ω 44'31			-2441 May 28 j 08:09	0° II	
greatest brilliancy	-2444 Dec 07 j 00:44	19° Ω 20'03	-4.7m		-2441 Jun 21 j 19:15	0° S	
	-2444 Dec 24 j 04:05	0° M			-2441 Jul 16 j 07:42	0° Ω	
morning max el	-2443 Jan 14 j 12:27	19° M 20'16	46°34'36		-2441 Aug 09 j 23:27	0° M	
	-2443 Jan 24 j 22:04	0° K		desc. node	-2441 Aug 20 j 15:11	12° M 52'43	
	-2443 Feb 21 j 07:20	0° Z			-2441 Sep 03 j 21:34	0° Ω	
desc. node	-2443 Mar 04 j 20:40	13° Z 09'23			-2441 Sep 29 j 07:34	0° M	
	-2443 Mar 19 j 10:32	0° \approx			-2441 Oct 25 j 20:12	0° K	
	-2443 Apr 13 j 23:30	0° K		evening max el	-2441 Nov 07 j 07:46	13° K 12'55	47°23'55
	-2443 May 09 j 03:14	0° Y			-2441 Nov 24 j 23:21	0° Z	
	-2443 Jun 02 j 23:14	0° B		asc. node	-2441 Dec 11 j 15:07	12° Z 06'34	
asc. node	-2443 Jun 25 j 20:46	27° B 59'51		greatest brilliancy	-2441 Dec 14 j 15:22	13° Z 40'41	-4.7m
	-2443 Jun 27 j 11:49	0° II		retrograde	-2441 Dec 28 j 09:14	17° Z 11'31	
morning set	-2443 Jul 12 j 04:52	18° II 10'15		evening set	-2440 Jan 13 j 22:46	11° Z 43'26	
	-2443 Jul 21 j 17:30	0° S		min. Earth dist.	-2440 Jan 17 j 08:55	9° Z 35'51	0.27937 AU
	-2443 Aug 14 j 17:46	0° Ω		inferior conj	-2440 Jan 18 j 09:17	8° Z 57'08	7°34'44
max. Earth dist.	-2443 Aug 14 j 22:18	0° Ω 14'13	1.71670 AU	minimum elong	-2440 Jan 18 j 01:28	9° Z 09'34	7°33'36
				morning rise	-2440 Jan 22 j 04:40	6° Z 34'42	
superior conj	-2443 Aug 18 j 08:26	4° Ω 31'39	1°24'04	direct	-2440 Feb 08 j 06:02	0° Z 56'42	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2440 Feb 18 j 20:15	3° $\overline{\text{C}}$ 00'21	-4.5m		-2438 Aug 23 j 14:50	0° $\overline{\text{M}}$	
	-2440 Mar 26 j 22:13	0° \approx			-2438 Sep 16 j 18:41	0° $\underline{\text{A}}$	
morning max el	-2440 Mar 28 j 04:31	1° \approx 12'16	45°56'20	desc. node	-2438 Sep 17 j 03:25	0° $\underline{\text{A}}$ 27'02	
desc. node	-2440 Apr 01 j 08:24	5° \approx 14'54			-2438 Oct 11 j 01:26	0° $\overline{\text{M}}$	
	-2440 Apr 25 j 03:35	0° X			-2438 Nov 04 j 13:32	0° X	
	-2440 May 22 j 00:01	0° Y			-2438 Nov 29 j 12:22	0° $\overline{\text{C}}$	
	-2440 Jun 16 j 18:14	0° B			-2438 Dec 25 j 11:27	0° \approx	
	-2440 Jul 11 j 19:15	0° II		asc. node	-2437 Jan 08 j 02:57	14° \approx 51'42	
asc. node	-2440 Jul 23 j 08:38	14° II 04'52		evening max el	-2437 Jan 17 j 06:08	24° \approx 14'44	46°09'34
	-2440 Aug 05 j 07:12	0° $\overline{\text{C}}$			-2437 Jan 23 j 04:03	0° X	
greatest brilliancy	-2440 Aug 24 j 23:20	24° $\overline{\text{C}}$ 27'36	-3.9m	greatest brilliancy	-2437 Feb 20 j 22:24	21° X 52'56	-4.5m
	-2440 Aug 29 j 09:35	0° $\underline{\text{O}}$		retrograde	-2437 Mar 07 j 20:58	25° X 50'53	
morning set	-2440 Sep 21 j 15:59	29° $\underline{\text{O}}$ 14'55		evening set	-2437 Mar 24 j 17:10	20° X 21'24	
	-2440 Sep 22 j 06:17	0° $\overline{\text{M}}$		inferior conj	-2437 Mar 29 j 07:14	17° X 30'55	6°22'26
	-2440 Oct 16 j 00:56	0° $\underline{\text{A}}$		minimum elong	-2437 Mar 29 j 16:15	17° X 16'37	6°20'47
				min. Earth dist.	-2437 Mar 29 j 14:49	17° X 18'54	0.29205 AU
superior conj	-2440 Nov 01 j 06:28	20° $\underline{\text{A}}$ 28'07	0°25'03	morning rise	-2437 Apr 03 j 15:23	14° X 13'44	
minimum elong	-2440 Nov 01 j 12:59	20° $\underline{\text{A}}$ 48'39	0°24'44	direct	-2437 Apr 19 j 22:22	9° X 07'00	
max. Earth dist.	-2440 Nov 03 j 22:49	23° $\underline{\text{A}}$ 50'43	1.70967 AU	desc. node	-2437 Apr 29 j 19:54	10° X 53'05	
	-2440 Nov 08 j 20:10	0° $\overline{\text{M}}$		greatest brilliancy	-2437 May 03 j 02:10	12° X 08'59	-4.5m
desc. node	-2440 Nov 12 j 01:24	4° $\overline{\text{M}}$ 02'53			-2437 May 29 j 01:20	0° Y	
	-2440 Dec 02 j 17:29	0° X		morning max el	-2437 Jun 07 j 20:07	8° Y 57'06	45°49'53
evening rise	-2440 Dec 13 j 14:24	13° X 36'18			-2437 Jun 28 j 12:51	0° B	
	-2440 Dec 26 j 17:38	0° $\overline{\text{C}}$			-2437 Jul 25 j 11:18	0° II	
	-2439 Jan 19 j 21:40	0° \approx			-2437 Aug 19 j 21:50	0° $\overline{\text{C}}$	
	-2439 Feb 13 j 07:25	0° X		asc. node	-2437 Aug 20 j 20:32	1° $\overline{\text{C}}$ 08'18	
asc. node	-2439 Mar 05 j 00:57	23° X 56'55			-2437 Sep 13 j 11:50	0° $\underline{\text{O}}$	
	-2439 Mar 10 j 01:43	0° Y			-2437 Oct 07 j 14:08	0° $\overline{\text{M}}$	
	-2439 Apr 04 j 08:34	0° B			-2437 Oct 31 j 11:16	0° $\underline{\text{A}}$	
	-2439 Apr 30 j 11:00	0° II			-2437 Nov 24 j 07:47	0° $\overline{\text{M}}$	
	-2439 May 28 j 02:29	0° $\overline{\text{C}}$		morning set	-2437 Dec 08 j 07:40	17° $\overline{\text{M}}$ 33'31	
evening max el	-2439 Jun 10 j 21:58	13° $\overline{\text{C}}$ 47'48	45°42'24	desc. node	-2437 Dec 10 j 13:15	20° $\overline{\text{M}}$ 21'23	
desc. node	-2439 Jun 24 j 17:27	26° $\overline{\text{C}}$ 14'14			-2437 Dec 18 j 06:06	0° X	
	-2439 Jun 29 j 09:40	0° $\underline{\text{O}}$			-2436 Jan 11 j 06:59	0° $\overline{\text{C}}$	
greatest brilliancy	-2439 Jul 19 j 06:40	11° $\underline{\text{O}}$ 51'57	-4.5m				
retrograde	-2439 Jul 30 j 00:35	13° $\underline{\text{O}}$ 56'52		superior conj	-2436 Jan 18 j 23:44	9° $\overline{\text{C}}$ 34'45	-1°-15'-3
evening set	-2439 Aug 16 j 23:40	8° $\underline{\text{O}}$ 00'15		minimum elong	-2436 Jan 18 j 14:40	9° $\overline{\text{C}}$ 06'35	1°14'57
inferior conj	-2439 Aug 19 j 23:58	6° $\underline{\text{O}}$ 11'52	-8°-53'-12	max. Earth dist.	-2436 Jan 22 j 21:52	14° $\overline{\text{C}}$ 27'15	1.72280 AU
minimum elong	-2439 Aug 19 j 23:12	6° $\underline{\text{O}}$ 13'02	8°53'09		-2436 Feb 04 j 10:37	0° \approx	
min. Earth dist.	-2439 Aug 20 j 13:10	5° $\underline{\text{O}}$ 51'49	0.27472 AU	evening rise	-2436 Feb 27 j 06:35	28° \approx 12'54	
morning rise	-2439 Aug 22 j 22:32	4° $\underline{\text{O}}$ 25'29			-2436 Feb 28 j 17:21	0° X	
	-2439 Aug 31 j 19:38	30° R $\overline{\text{C}}$			-2436 Mar 24 j 03:50	0° Y	
direct	-2439 Sep 09 j 21:54	28° $\overline{\text{C}}$ 19'11		asc. node	-2436 Apr 01 j 13:05	10° Y 14'38	
	-2439 Sep 19 j 08:37	0° $\underline{\text{O}}$			-2436 Apr 17 j 18:45	0° B	
greatest brilliancy	-2439 Sep 23 j 19:31	1° $\underline{\text{O}}$ 49'34	-4.6m		-2436 May 12 j 14:59	0° II	
asc. node	-2439 Oct 15 j 17:48	17° $\underline{\text{O}}$ 22'20			-2436 Jun 06 j 18:24	0° $\overline{\text{C}}$	
	-2439 Oct 28 j 23:43	0° $\overline{\text{M}}$			-2436 Jul 02 j 09:12	0° $\underline{\text{O}}$	
morning max el	-2439 Oct 30 j 16:32	1° $\overline{\text{M}}$ 43'50	46°53'20	desc. node	-2436 Jul 22 j 05:14	22° $\underline{\text{O}}$ 35'06	
	-2439 Nov 25 j 14:09	0° $\underline{\text{A}}$			-2436 Jul 28 j 21:33	0° $\overline{\text{M}}$	
	-2439 Dec 21 j 06:31	0° $\overline{\text{M}}$		evening max el	-2436 Aug 23 j 16:11	27° $\overline{\text{M}}$ 08'25	47°05'37
	-2438 Jan 15 j 07:58	0° X			-2436 Aug 26 j 14:17	0° $\underline{\text{A}}$	
desc. node	-2438 Feb 04 j 10:58	24° X 17'16		greatest brilliancy	-2436 Oct 01 j 22:39	27° $\underline{\text{A}}$ 13'40	-4.7m
	-2438 Feb 09 j 04:16	0° $\overline{\text{C}}$		retrograde	-2436 Oct 13 j 01:49	29° $\underline{\text{A}}$ 32'16	
	-2438 Mar 05 j 22:27	0° \approx		evening set	-2436 Oct 27 j 19:44	25° $\underline{\text{A}}$ 12'15	
	-2438 Mar 30 j 15:05	0° X		inferior conj	-2436 Nov 02 j 13:40	21° $\underline{\text{A}}$ 49'21	-2°-28'-17
	-2438 Apr 24 j 05:49	0° Y		minimum elong	-2436 Nov 02 j 19:08	21° $\underline{\text{A}}$ 41'01	2°26'36
morning set	-2438 May 03 j 15:46	11° Y 30'22		min. Earth dist.	-2436 Nov 02 j 10:40	21° $\underline{\text{A}}$ 53'56	0.26339 AU
	-2438 May 18 j 18:01	0° B		morning rise	-2436 Nov 08 j 18:45	18° $\underline{\text{A}}$ 12'50	
asc. node	-2438 May 28 j 10:57	11° B 55'20		asc. node	-2436 Nov 12 j 05:21	16° $\underline{\text{A}}$ 34'03	
max. Earth dist.	-2438 Jun 05 j 06:32	21° B 32'47	1.73333 AU	direct	-2436 Nov 22 j 20:12	14° $\underline{\text{A}}$ 14'57	
				greatest brilliancy	-2436 Dec 04 j 13:38	16° $\underline{\text{A}}$ 51'05	-4.7m
superior conj	-2438 Jun 08 j 15:46	25° B 43'12	0°26'01		-2436 Dec 24 j 17:55	0° $\overline{\text{M}}$	
minimum elong	-2438 Jun 08 j 10:49	25° B 27'57	0°25'50	morning max el	-2435 Jan 12 j 02:08	16° $\overline{\text{M}}$ 56'54	46°35'49
	-2438 Jun 12 j 03:01	0° II			-2435 Jan 24 j 17:38	0° X	
	-2438 Jul 06 j 08:46	0° $\overline{\text{C}}$			-2435 Feb 20 j 22:29	0° $\overline{\text{C}}$	
evening rise	-2438 Jul 14 j 10:13	10° $\overline{\text{C}}$ 00'29		desc. node	-2435 Mar 03 j 22:53	12° $\overline{\text{C}}$ 35'02	
	-2438 Jul 30 j 12:09	0° $\underline{\text{O}}$			-2435 Mar 18 j 23:43	0° \approx	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 94

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2435 Apr 13 j 11:37	0° H		evening max el	-2433 Nov 04 j 21:53	10° Z 48'57	47°25'09
	-2435 May 08 j 14:43	0° Y			-2433 Nov 25 j 09:34	0° Z	
	-2435 Jun 02 j 10:20	0° B		asc. node	-2433 Dec 10 j 17:15	10° Z 32'57	
asc. node	-2435 Jun 24 j 22:54	27° B 32'51		greatest brilliancy	-2433 Dec 12 j 09:01	11° Z 22'50	-4.7m
	-2435 Jun 26 j 22:43	0° II		retrograde	-2433 Dec 26 j 00:08	14° Z 51'15	
morning set	-2435 Jul 09 j 22:11	16° II 01'37		evening set	-2432 Jan 11 j 10:41	9° Z 28'32	
	-2435 Jul 21 j 04:20	0° S		min. Earth dist.	-2432 Jan 14 j 23:48	7° Z 16'51	0.27862 AU
max. Earth dist.	-2435 Aug 12 j 08:13	27° S 40'45	1.71730 AU	inferior conj	-2432 Jan 16 j 00:17	6° Z 37'58	7°25'05
	-2435 Aug 14 j 04:40	0° Q		minimum elong	-2432 Jan 15 j 16:01	6° Z 51'06	7°23'49
				morning rise	-2432 Jan 19 j 21:49	4° Z 12'20	
superior conj	-2435 Aug 15 j 23:54	2° Q 15'30	1°23'46		-2432 Jan 28 j 15:29	30° R 7	
minimum elong	-2435 Aug 15 j 21:56	2° Q 09'18	1°23'49	direct	-2432 Feb 05 j 19:36	28° Z 38'37	
	-2435 Sep 07 j 02:04	0° M			-2432 Feb 14 j 08:19	0° Z	
evening rise	-2435 Sep 23 j 23:37	21° M 14'19		greatest brilliancy	-2432 Feb 16 j 10:43	0° Z 42'47	-4.5m
	-2435 Sep 30 j 22:58	0° A		morning max el	-2432 Mar 25 j 18:24	28° Z 55'05	45°57'23
desc. node	-2435 Oct 14 j 15:29	17° A 10'38			-2432 Mar 26 j 21:23	0° \approx	
	-2435 Oct 24 j 21:07	0° M		desc. node	-2432 Mar 31 j 10:27	4° \approx 27'22	
	-2435 Nov 17 j 21:44	0° Z			-2432 Apr 24 j 19:41	0° H	
	-2435 Dec 12 j 02:22	0° Z			-2432 May 21 j 13:37	0° Y	
	-2434 Jan 05 j 14:22	0° \approx			-2432 Jun 16 j 06:37	0° B	
	-2434 Jan 30 j 16:02	0° H			-2432 Jul 11 j 06:59	0° II	
asc. node	-2434 Feb 04 j 14:57	5° H 48'31		asc. node	-2432 Jul 22 j 10:48	13° II 36'03	
	-2434 Feb 25 j 19:29	0° Y			-2432 Aug 04 j 18:37	0° S	
	-2434 Mar 26 j 07:27	0° B		greatest brilliancy	-2432 Aug 26 j 17:12	27° S 18'17	-3.9m
evening max el	-2434 Mar 29 j 03:49	2° B 45'13	45°12'50		-2432 Aug 28 j 20:51	0° Q	
greatest brilliancy	-2434 May 02 j 17:06	28° B 46'01	-4.5m	morning set	-2432 Sep 19 j 04:53	26° Q 48'56	
	-2434 May 05 j 18:18	0° II			-2432 Sep 21 j 17:30	0° M	
retrograde	-2434 May 16 j 09:08	2° II 00'13			-2432 Oct 15 j 12:08	0° A	
	-2434 May 26 j 13:06	30° R 8					
desc. node	-2434 May 27 j 07:43	29° B 41'14		superior conj	-2432 Oct 29 j 16:07	17° A 51'58	0°28'50
evening set	-2434 May 31 j 07:57	27° B 45'56		minimum elong	-2432 Oct 29 j 23:29	18° A 15'10	0°28'27
inferior conj	-2434 Jun 06 j 18:48	23° B 57'21	-2°-24'-53	max. Earth dist.	-2432 Nov 01 j 02:25	20° A 55'35	1.70955 AU
minimum elong	-2434 Jun 06 j 13:37	24° B 05'24	2°23'23		-2432 Nov 08 j 07:24	0° M	
min. Earth dist.	-2434 Jun 07 j 03:52	23° B 43'19	0.28696 AU	desc. node	-2432 Nov 11 j 03:26	3° M 33'57	
morning rise	-2434 Jun 12 j 18:45	20° B 22'10			-2432 Dec 02 j 04:45	0° Z	
direct	-2434 Jun 28 j 11:21	15° B 42'37		evening rise	-2432 Dec 11 j 00:18	11° Z 01'56	
greatest brilliancy	-2434 Jul 12 j 22:36	19° B 21'26	-4.5m		-2432 Dec 26 j 04:58	0° Z	
	-2434 Jul 29 j 09:08	0° II			-2431 Jan 19 j 09:06	0° \approx	
morning max el	-2434 Aug 17 j 02:22	16° II 48'22	46°21'37		-2431 Feb 12 j 19:04	0° H	
	-2434 Aug 29 j 22:16	0° S		asc. node	-2431 Mar 04 j 03:04	23° H 27'17	
asc. node	-2434 Sep 17 j 08:20	20° S 24'45			-2431 Mar 09 j 13:48	0° Y	
	-2434 Sep 25 j 15:21	0° Q			-2431 Apr 03 j 21:34	0° B	
	-2434 Oct 20 j 17:53	0° M			-2431 Apr 30 j 01:53	0° II	
	-2434 Nov 14 j 04:13	0° A			-2431 May 27 j 21:53	0° S	
	-2434 Dec 08 j 08:56	0° M		evening max el	-2431 Jun 08 j 11:44	11° S 29'25	45°40'06
	-2433 Jan 01 j 13:13	0° Z		desc. node	-2431 Jun 23 j 19:36	25° S 09'56	
desc. node	-2433 Jan 07 j 01:16	6° Z 49'05			-2431 Jun 30 j 01:34	0° Q	
	-2433 Jan 25 j 18:58	0° Z		greatest brilliancy	-2431 Jul 16 j 16:17	9° Q 27'03	-4.5m
	-2433 Feb 19 j 02:28	0° \approx		retrograde	-2431 Jul 27 j 13:57	11° Q 35'14	
morning set	-2433 Feb 21 j 17:42	3° \approx 14'46		evening set	-2431 Aug 14 j 11:04	5° Q 40'29	
	-2433 Mar 15 j 11:27	0° H		inferior conj	-2431 Aug 17 j 13:17	3° Q 49'23	-8°-51'-19
				minimum elong	-2431 Aug 17 j 11:36	3° Q 51'55	8°51'15
superior conj	-2433 Mar 31 j 08:02	19° H 29'09	-1°-2'-7	min. Earth dist.	-2431 Aug 18 j 01:53	3° Q 30'15	0.27525 AU
minimum elong	-2433 Mar 31 j 17:00	19° H 56'42	1°01'52	morning rise	-2431 Aug 20 j 11:57	2° Q 03'00	
max. Earth dist.	-2433 Apr 01 j 00:36	20° H 20'02	1.73586 AU		-2431 Aug 24 j 03:12	30° R 8	
	-2433 Apr 08 j 21:32	0° Y		direct	-2431 Sep 07 j 12:17	25° S 55'43	
asc. node	-2433 Apr 30 j 01:02	25° Y 57'03		greatest brilliancy	-2431 Sep 21 j 11:35	29° S 28'35	-4.6m
	-2433 May 03 j 08:15	0° B			-2431 Sep 22 j 13:11	0° Q	
evening rise	-2433 May 06 j 18:56	4° B 13'33		asc. node	-2431 Oct 14 j 19:46	16° Q 18'04	
	-2433 May 27 j 19:14	0° II		morning max el	-2431 Oct 28 j 07:16	29° Q 20'42	46°53'09
	-2433 Jun 21 j 06:38	0° S			-2431 Oct 28 j 22:36	0° M	
	-2433 Jul 15 j 19:32	0° Q			-2431 Nov 25 j 06:43	0° A	
	-2433 Aug 09 j 11:59	0° M			-2431 Dec 20 j 20:43	0° M	
desc. node	-2433 Aug 19 j 17:25	12° M 20'38			-2430 Jan 14 j 20:57	0° Z	
	-2433 Sep 03 j 11:07	0° A		desc. node	-2430 Feb 03 j 13:09	23° Z 46'26	
	-2433 Sep 28 j 22:52	0° M			-2430 Feb 08 j 16:31	0° Z	
	-2433 Oct 25 j 15:19	0° Z			-2430 Mar 05 j 10:11	0° \approx	

Planetary Phenomena of Venus from -2900 through -2400 (UT), Astrodienst AG 7-Dez-2017 14:40, page 95

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2430 Mar 30 j 02:26	0° H	inferior conj	-2428 Oct 31 j 01:40	19° H 18'41	-2°-51'-56
	-2430 Apr 23 j 16:55	0° Y	minimum elong	-2428 Oct 31 j 07:56	19° H 09'07	2°50'02
morning set	-2430 May 01 j 10:29	9° Y 27'02	min. Earth dist.	-2428 Oct 31 j 00:07	19° H 21'03	0.26336 AU
	-2430 May 18 j 04:59	0° B	morning rise	-2428 Nov 06 j 06:04	15° H 42'55	
asc. node	-2430 May 27 j 13:05	11° B 28'14	asc. node	-2428 Nov 11 j 07:33	13° H 25'34	
max. Earth dist.	-2430 Jun 03 j 05:35	19° B 42'11	1.73371 AU	direct	-2428 Nov 20 j 08:35	11° H 44'35
			greatest brilliancy	-2428 Dec 02 j 03:09	14° H 21'45	-4.7m
superior conj	-2430 Jun 06 j 10:27	23° B 39'01	0°23'03	-2428 Dec 25 j 04:36	0° M	
minimum elong	-2430 Jun 06 j 06:02	23° B 25'22	0°22'54	morning max el	-2427 Jan 09 j 14:53	14° M 30'13
	-2430 Jun 11 j 13:59	0° II		-2427 Jan 24 j 12:52	0° J	46°37'11
	-2430 Jul 05 j 19:51	0° S		-2427 Feb 20 j 13:37	0° S	
evening rise	-2430 Jul 12 j 04:13	7° S 52'46		desc. node	-2427 Mar 03 j 00:56	11° S 59'58
	-2430 Jul 29 j 23:27	0° Q		-2427 Mar 18 j 12:57	0° \approx	
	-2430 Aug 23 j 02:25	0° M		-2427 Apr 12 j 23:49	0° H	
desc. node	-2430 Sep 16 j 05:26	29° M 56'22		-2427 May 08 j 02:19	0° Y	
	-2430 Sep 16 j 06:36	0° H		-2427 Jun 01 j 21:36	0° B	
	-2430 Oct 10 j 13:48	0° M		asc. node	-2427 Jun 24 j 01:05	27° B 05'28
	-2430 Nov 04 j 02:32	0° J		-2427 Jun 26 j 09:48	0° II	
	-2430 Nov 29 j 02:29	0° S		morning set	-2427 Jul 07 j 15:29	13° II 52'27
	-2430 Dec 25 j 04:02	0° \approx		-2427 Jul 20 j 15:21	0° S	
asc. node	-2429 Jan 07 j 05:08	14° \approx 07'10		max. Earth dist.	-2427 Aug 09 j 19:44	25° S 11'59
evening max el	-2429 Jan 14 j 22:32	22° \approx 02'06	46°12'25			1.71789 AU
	-2429 Jan 23 j 04:45	0° H		superior conj	-2427 Aug 13 j 15:28	29° S 59'13
greatest brilliancy	-2429 Feb 18 j 15:35	19° H 44'20	-4.5m	minimum elong	-2427 Aug 13 j 12:44	29° S 50'40
retrograde	-2429 Mar 05 j 14:29	23° H 42'17			-2427 Aug 13 j 15:43	0° Q
evening set	-2429 Mar 22 j 12:35	18° H 08'52			-2427 Sep 06 j 13:14	0° M
inferior conj	-2429 Mar 27 j 00:08	15° H 21'50	6°34'31	evening rise	-2427 Sep 21 j 10:55	18° M 43'37
minimum elong	-2429 Mar 27 j 09:02	15° H 07'44	6°32'57		-2427 Sep 30 j 10:18	0° H
min. Earth dist.	-2429 Mar 27 j 06:32	15° H 11'40	0.29199 AU	desc. node	-2427 Oct 13 j 17:29	16° H 41'10
morning rise	-2429 Apr 01 j 05:35	12° H 08'38			-2427 Oct 24 j 08:38	0° M
direct	-2429 Apr 17 j 15:28	6° H 58'14			-2427 Nov 17 j 09:27	0° J
desc. node	-2429 Apr 28 j 21:57	9° H 14'41			-2427 Dec 11 j 14:22	0° S
greatest brilliancy	-2429 Apr 30 j 16:05	9° H 57'31	-4.5m		-2426 Jan 05 j 02:49	0° \approx
	-2429 May 29 j 04:11	0° Y			-2426 Jan 30 j 05:25	0° H
morning max el	-2429 Jun 05 j 13:13	6° Y 49'42	45°49'17	asc. node	-2426 Feb 03 j 17:04	5° H 14'56
	-2429 Jun 28 j 05:45	0° B			-2426 Feb 25 j 10:57	0° Y
	-2429 Jul 25 j 01:18	0° II			-2426 Mar 26 j 05:11	0° B
	-2429 Aug 19 j 10:34	0° S		evening max el	-2426 Mar 26 j 18:30	0° B 31'56
asc. node	-2429 Aug 19 j 22:40	0° S 36'28		greatest brilliancy	-2426 Apr 30 j 07:09	26° B 34'32
	-2429 Sep 12 j 23:56	0° Q		retrograde	-2426 May 14 j 00:32	29° B 51'03
	-2429 Oct 07 j 01:53	0° M		desc. node	-2426 May 26 j 09:53	26° B 53'47
	-2429 Oct 30 j 22:50	0° H		evening set	-2426 May 28 j 23:34	25° B 36'42
	-2429 Nov 23 j 19:14	0° M		inferior conj	-2426 Jun 04 j 10:53	21° B 47'37
morning set	-2429 Dec 05 j 17:33	14° M 58'29		minimum elong	-2426 Jun 04 j 06:20	21° B 54'39
desc. node	-2429 Dec 09 j 15:26	19° M 52'40		min. Earth dist.	-2426 Jun 04 j 20:35	21° B 32'34
	-2429 Dec 17 j 17:25	0° J		morning rise	-2426 Jun 10 j 12:30	18° B 09'46
	-2428 Jan 10 j 18:10	0° S		direct	-2426 Jun 26 j 03:08	13° B 32'07
			greatest brilliancy	-2426 Jul 10 j 15:12	17° B 10'58	-4.5m
superior conj	-2428 Jan 16 j 11:51	7° S 08'26	-1°-13'-18		-2426 Jul 29 j 18:32	0° II
minimum elong	-2428 Jan 16 j 02:13	6° S 38'30	1°13'09	morning max el	-2426 Aug 14 j 16:47	14° II 30'51
max. Earth dist.	-2428 Jan 20 j 13:54	12° S 13'18	1.72222 AU		-2426 Aug 29 j 16:32	0° S
	-2428 Feb 03 j 21:43	0° \approx		asc. node	-2426 Sep 16 j 10:20	19° S 46'00
evening rise	-2428 Feb 24 j 21:51	25° \approx 57'52			-2426 Sep 25 j 06:02	0° Q
	-2428 Feb 28 j 04:26	0° H			-2426 Oct 20 j 07:06	0° M
	-2428 Mar 23 j 15:02	0° Y			-2426 Nov 13 j 16:40	0° H
asc. node	-2428 Mar 31 j 15:04	9° Y 46'21			-2426 Dec 07 j 20:54	0° M
	-2428 Apr 17 j 06:13	0° B			-2425 Jan 01 j 00:50	0° J
	-2428 May 12 j 02:58	0° II		desc. node	-2425 Jan 06 j 03:22	6° J 19'43
	-2428 Jun 06 j 07:14	0° S			-2425 Jan 25 j 06:19	0° S
	-2428 Jul 01 j 23:35	0° Q			-2425 Feb 18 j 13:36	0° \approx
desc. node	-2428 Jul 21 j 07:25	21° Q 55'23		morning set	-2425 Feb 19 j 08:16	0° \approx 57'32
	-2428 Jul 28 j 15:00	0° M			-2425 Mar 14 j 22:25	0° H
evening max el	-2428 Aug 21 j 06:10	24° M 45'00	47°03'00			
	-2428 Aug 26 j 16:14	0° H		superior conj	-2425 Mar 29 j 01:36	17° H 22'19
greatest brilliancy	-2428 Sep 29 j 13:02	24° H 45'10	-4.7m	minimum elong	-2425 Mar 29 j 10:32	17° H 49'47
retrograde	-2428 Oct 10 j 13:45	27° H 00'45		max. Earth dist.	-2425 Mar 29 j 19:51	18° H 18'22
evening set	-2428 Oct 25 j 09:59	22° H 38'40			-2425 Apr 08 j 08:23	0° Y

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

asc. node	-2425 Apr 29 j 03:12	25° Υ 30'26		greatest brilliancy	-2423 Sep 19 j 02:44	27° Θ 07'37	-4.6m
	-2425 May 02 j 19:07	0° \mathcal{B}			-2423 Sep 24 j 09:22	0° Ω	
evening rise	-2425 May 04 j 14:06	2° \mathcal{B} 11'47		asc. node	-2423 Oct 13 j 22:00	15° Ω 16'35	
	-2425 May 27 j 06:16	0° Π		morning max el	-2423 Oct 25 j 22:06	26° Ω 58'32	46°52'36
	-2425 Jun 20 j 18:00	0° Θ			-2423 Oct 28 j 20:23	0° \mathfrak{M}	
	-2425 Jul 15 j 07:24	0° Ω			-2423 Nov 24 j 22:52	0° $\underline{\Omega}$	
	-2425 Aug 09 j 00:35	0° \mathfrak{M}			-2423 Dec 20 j 10:40	0° \mathfrak{M}	
desc. node	-2425 Aug 18 j 19:22	11° \mathfrak{M} 47'33			-2422 Jan 14 j 09:43	0° \mathcal{A}	
	-2425 Sep 03 j 00:47	0° $\underline{\Omega}$		desc. node	-2422 Feb 02 j 15:10	23° \mathcal{A} 15'49	
	-2425 Sep 28 j 14:23	0° \mathfrak{M}			-2422 Feb 08 j 04:31	0° \mathcal{B}	
	-2425 Oct 25 j 10:57	0° \mathcal{A}			-2422 Mar 04 j 21:39	0° \approx	
evening max el	-2425 Nov 02 j 11:49	8° \mathcal{A} 24'36	47°26'24		-2422 Mar 29 j 13:32	0° \mathfrak{H}	
	-2425 Nov 25 j 23:14	0° \mathcal{B}			-2422 Apr 23 j 03:46	0° Υ	
asc. node	-2425 Dec 09 j 19:25	8° \mathcal{B} 55'48		morning set	-2422 Apr 29 j 05:05	7° Υ 24'03	
greatest brilliancy	-2425 Dec 10 j 01:30	9° \mathcal{B} 03'07	-4.7m		-2422 May 17 j 15:43	0° \mathcal{B}	
retrograde	-2425 Dec 23 j 15:07	12° \mathcal{B} 30'36		asc. node	-2422 May 26 j 15:15	11° \mathcal{B} 01'59	
evening set	-2424 Jan 08 j 22:20	7° \mathcal{B} 12'53		max. Earth dist.	-2422 Jun 01 j 03:27	17° \mathcal{B} 48'42	1.73402 AU
min. Earth dist.	-2424 Jan 12 j 14:16	4° \mathcal{B} 57'27	0.27790 AU				
inferior conj	-2424 Jan 13 j 15:04	4° \mathcal{B} 18'09	7°14'39	superior conj	-2422 Jun 04 j 05:12	21° \mathcal{B} 35'50	0°20'04
minimum elong	-2424 Jan 13 j 06:24	4° \mathcal{B} 31'54	7°13'12	minimum elong	-2422 Jun 04 j 01:19	21° \mathcal{B} 23'52	0°19'56
morning rise	-2424 Jan 17 j 14:57	1° \mathcal{B} 49'18			-2422 Jun 11 j 00:42	0° Π	
	-2424 Jan 20 j 20:46	30° \mathfrak{R} \mathcal{A}			-2422 Jul 05 j 06:39	0° Θ	
direct	-2424 Feb 03 j 09:02	26° \mathcal{A} 19'43		evening rise	-2422 Jul 09 j 22:25	5° Θ 46'41	
greatest brilliancy	-2424 Feb 14 j 01:16	28° \mathcal{A} 24'58	-4.6m		-2422 Jul 29 j 10:25	0° Ω	
	-2424 Feb 17 j 18:42	0° \mathcal{B}			-2422 Aug 22 j 13:40	0° \mathfrak{M}	
morning max el	-2424 Mar 23 j 09:03	26° \mathcal{B} 39'44	45°58'35	desc. node	-2422 Sep 15 j 07:30	29° \mathfrak{M} 26'46	
	-2424 Mar 26 j 19:34	0° \approx			-2422 Sep 15 j 18:15	0° $\underline{\Omega}$	
desc. node	-2424 Mar 30 j 12:28	3° \approx 40'35			-2422 Oct 10 j 01:57	0° \mathfrak{M}	
	-2424 Apr 24 j 11:26	0° \mathfrak{H}			-2422 Nov 03 j 15:24	0° \mathcal{A}	
	-2424 May 21 j 02:57	0° Υ			-2422 Nov 28 j 16:33	0° \mathcal{B}	
	-2424 Jun 15 j 18:46	0° \mathcal{B}			-2422 Dec 24 j 20:44	0° \approx	
	-2424 Jul 10 j 18:31	0° Π		asc. node	-2421 Jan 06 j 07:12	13° \approx 22'08	
asc. node	-2424 Jul 21 j 12:55	13° Π 07'40		evening max el	-2421 Jan 12 j 14:43	19° \approx 49'09	46°15'21
	-2424 Aug 04 j 05:51	0° Θ			-2421 Jan 23 j 06:36	0° \mathfrak{H}	
greatest brilliancy	-2424 Aug 27 j 22:59	29° Θ 31'50	-3.9m	greatest brilliancy	-2421 Feb 16 j 09:45	17° \mathfrak{H} 37'11	-4.5m
	-2424 Aug 28 j 07:59	0° Ω		retrograde	-2421 Mar 03 j 07:30	21° \mathfrak{H} 33'33	
morning set	-2424 Sep 16 j 17:42	24° Ω 23'11		evening set	-2421 Mar 20 j 07:51	15° \mathfrak{H} 56'29	
	-2424 Sep 21 j 04:36	0° \mathfrak{M}		inferior conj	-2421 Mar 24 j 16:50	13° \mathfrak{H} 12'50	6°46'10
	-2424 Oct 14 j 23:15	0° $\underline{\Omega}$		minimum elong	-2421 Mar 25 j 01:33	12° \mathfrak{H} 59'00	6°44'43
				min. Earth dist.	-2421 Mar 24 j 22:06	13° \mathfrak{H} 04'28	0.29188 AU
superior conj	-2424 Oct 27 j 01:29	15° $\underline{\Omega}$ 15'06	0°32'33	morning rise	-2421 Mar 29 j 19:26	10° \mathfrak{H} 03'37	
minimum elong	-2424 Oct 27 j 09:38	15° $\underline{\Omega}$ 40'48	0°32'10	direct	-2421 Apr 15 j 08:25	4° \mathfrak{H} 49'42	
max. Earth dist.	-2424 Oct 29 j 07:44	18° $\underline{\Omega}$ 06'05	1.70945 AU	greatest brilliancy	-2421 Apr 28 j 05:05	7° \mathfrak{H} 45'15	-4.5m
	-2424 Nov 07 j 18:32	0° \mathfrak{M}		desc. node	-2421 Apr 28 j 00:11	7° \mathfrak{H} 40'04	
desc. node	-2424 Nov 10 j 05:37	3° \mathfrak{M} 05'48			-2421 May 29 j 05:20	0° Υ	
	-2424 Dec 01 j 15:54	0° \mathcal{A}		morning max el	-2421 Jun 03 j 05:20	4° Υ 40'39	45°48'46
evening rise	-2424 Dec 08 j 09:49	8° \mathcal{A} 26'44			-2421 Jun 27 j 22:04	0° \mathcal{B}	
	-2424 Dec 25 j 16:10	0° \mathcal{B}			-2421 Jul 24 j 14:52	0° Π	
	-2423 Jan 18 j 20:24	0° \approx			-2421 Aug 18 j 22:54	0° Θ	
	-2423 Feb 12 j 06:34	0° \mathfrak{H}		asc. node	-2421 Aug 19 j 00:40	0° Θ 05'20	
asc. node	-2423 Mar 03 j 05:04	22° \mathfrak{H} 57'39			-2421 Sep 12 j 11:38	0° Ω	
	-2423 Mar 09 j 01:46	0° Υ			-2421 Oct 06 j 13:15	0° \mathfrak{M}	
	-2423 Apr 03 j 10:29	0° \mathcal{B}			-2421 Oct 30 j 10:02	0° $\underline{\Omega}$	
	-2423 Apr 29 j 16:44	0° Π			-2421 Nov 23 j 06:21	0° \mathfrak{M}	
	-2423 May 27 j 17:32	0° Θ		morning set	-2421 Dec 03 j 03:15	12° \mathfrak{M} 23'42	
evening max el	-2423 Jun 06 j 02:23	9° Θ 14'12	45°37'57	desc. node	-2421 Dec 08 j 17:32	19° \mathfrak{M} 24'36	
desc. node	-2423 Jun 22 j 21:43	24° Θ 04'54			-2421 Dec 17 j 04:27	0° \mathcal{A}	
	-2423 Jun 30 j 22:11	0° Ω			-2420 Jan 10 j 05:07	0° \mathcal{B}	
greatest brilliancy	-2423 Jul 14 j 01:52	7° Ω 03'36	-4.5m				
retrograde	-2423 Jul 25 j 03:30	9° Ω 14'54		superior conj	-2420 Jan 13 j 23:20	4° \mathcal{B} 40'48	-1°-11'-22
evening set	-2423 Aug 11 j 22:10	3° Ω 22'50		minimum elong	-2420 Jan 13 j 13:12	4° \mathcal{B} 09'16	1°11'11
inferior conj	-2423 Aug 15 j 02:42	1° Ω 28'13	-8°-48'-32	max. Earth dist.	-2420 Jan 18 j 05:32	9° \mathcal{B} 58'43	1.72165 AU
minimum elong	-2423 Aug 15 j 00:08	1° Ω 32'07	8°48'24		-2420 Feb 03 j 08:35	0° \approx	
min. Earth dist.	-2423 Aug 15 j 14:20	1° Ω 10'34	0.27580 AU	evening rise	-2420 Feb 22 j 12:21	23° \approx 41'08	
	-2423 Aug 17 j 13:11	30° \mathfrak{R} Θ			-2420 Feb 27 j 15:18	0° \mathfrak{H}	
morning rise	-2423 Aug 18 j 01:56	29° Θ 41'05			-2420 Mar 23 j 02:00	0° Υ	
direct	-2423 Sep 05 j 03:08	23° Θ 33'51		asc. node	-2420 Mar 30 j 17:14	9° Υ 19'23	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2420 Apr 16 j 17:28	0°♄			-2418 Dec 31 j 12:10	0°♄		
	-2420 May 11 j 14:45	0°♂		desc. node	-2417 Jan 05 j 05:24	5°♄51'04		
	-2420 Jun 05 j 19:55	0°♂			-2417 Jan 24 j 17:23	0°♂		
	-2420 Jul 01 j 13:51	0°♂		morning set	-2417 Feb 16 j 22:46	28°♂40'45		
desc. node	-2420 Jul 20 j 09:27	21°♂15'42			-2417 Feb 18 j 00:29	0°♂		
	-2420 Jul 28 j 08:27	0°♄			-2417 Mar 14 j 09:10	0°♄		
evening max el	-2420 Aug 18 j 19:12	22°♄20'28	47°00'27					
	-2420 Aug 26 j 19:06	0°♂		superior conj	-2417 Mar 26 j 18:59	15°♄15'24	-1°-6'-16	
greatest brilliancy	-2420 Sep 27 j 04:01	22°♂19'02	-4.7m	minimum elong	-2417 Mar 27 j 03:50	15°♄42'37	1°06'02	
retrograde	-2420 Oct 08 j 01:22	24°♂31'12		max. Earth dist.	-2417 Mar 27 j 14:39	16°♄15'51	1.73536 AU	
evening set	-2420 Oct 23 j 00:31	20°♂06'41			-2417 Apr 07 j 19:06	0°♄		
inferior conj	-2420 Oct 28 j 13:51	16°♂50'01	-3°-15'-3	asc. node	-2417 Apr 28 j 05:20	25°♄04'04		
minimum elong	-2420 Oct 28 j 20:52	16°♂39'19	3°12'58	evening rise	-2417 May 02 j 09:00	0°♄09'36		
min. Earth dist.	-2420 Oct 28 j 13:57	16°♂49'52	0.26338 AU		-2417 May 02 j 05:52	0°♄		
morning rise	-2420 Nov 03 j 17:18	13°♂15'13			-2417 May 26 j 17:11	0°♂		
asc. node	-2420 Nov 10 j 09:40	10°♂24'38			-2417 Jun 20 j 05:16	0°♂		
direct	-2420 Nov 17 j 20:37	9°♂15'57			-2417 Jul 14 j 19:12	0°♂		
greatest brilliancy	-2420 Nov 29 j 17:34	11°♂55'05	-4.7m		-2417 Aug 08 j 13:08	0°♄		
	-2420 Dec 25 j 11:57	0°♄		desc. node	-2417 Aug 17 j 21:28	11°♄14'56		
morning max el	-2419 Jan 07 j 02:56	12°♄02'36	46°38'18		-2417 Sep 02 j 14:29	0°♂		
	-2419 Jan 24 j 07:16	0°♄			-2417 Sep 28 j 06:02	0°♄		
	-2419 Feb 20 j 04:18	0°♂			-2417 Oct 25 j 07:03	0°♄		
desc. node	-2419 Mar 02 j 02:58	11°♂25'43		evening max el	-2417 Oct 31 j 02:38	6°♄02'58	47°27'43	
	-2419 Mar 18 j 01:54	0°♂			-2417 Nov 26 j 17:11	0°♂		
	-2419 Apr 12 j 11:47	0°♄		greatest brilliancy	-2417 Dec 07 j 17:37	6°♂43'29	-4.7m	
	-2419 May 07 j 13:41	0°♄		asc. node	-2417 Dec 08 j 21:27	7°♂15'33		
	-2419 Jun 01 j 08:36	0°♄		retrograde	-2417 Dec 21 j 06:43	10°♂10'39		
asc. node	-2419 Jun 23 j 03:04	26°♄38'19		evening set	-2416 Jan 06 j 10:05	4°♂57'44		
	-2419 Jun 25 j 20:38	0°♂		min. Earth dist.	-2416 Jan 10 j 04:28	2°♂39'06	0.27713 AU	
morning set	-2419 Jul 05 j 08:37	11°♂43'32		inferior conj	-2416 Jan 11 j 05:54	1°♂58'57	7°03'27	
	-2419 Jul 20 j 02:08	0°♂		minimum elong	-2416 Jan 10 j 20:55	2°♂13'09	7°01'51	
max. Earth dist.	-2419 Aug 07 j 09:09	22°♂49'52	1.71849 AU		-2416 Jan 14 j 10:12	30°♄		
				morning rise	-2416 Jan 15 j 08:15	29°♄26'53		
superior conj	-2419 Aug 11 j 07:06	27°♂43'57	1°22'46	direct	-2416 Jan 31 j 22:58	24°♄01'35		
minimum elong	-2419 Aug 11 j 03:40	27°♂33'11	1°22'48	greatest brilliancy	-2416 Feb 11 j 14:58	26°♄07'08	-4.6m	
	-2419 Aug 13 j 02:33	0°♂			-2416 Feb 19 j 16:44	0°♂		
	-2419 Sep 06 j 00:11	0°♄		morning max el	-2416 Mar 21 j 00:28	24°♂26'56	45°59'38	
evening rise	-2419 Sep 18 j 22:38	16°♄15'07			-2416 Mar 26 j 16:39	0°♂		
	-2419 Sep 29 j 21:22	0°♂		desc. node	-2416 Mar 29 j 14:43	2°♂55'46		
desc. node	-2419 Oct 12 j 19:42	16°♂13'15			-2416 Apr 24 j 02:46	0°♄		
	-2419 Oct 23 j 19:51	0°♄			-2416 May 20 j 16:06	0°♄		
	-2419 Nov 16 j 20:49	0°♄			-2416 Jun 15 j 06:50	0°♄		
	-2419 Dec 11 j 02:02	0°♂			-2416 Jul 10 j 06:01	0°♂		
	-2418 Jan 04 j 15:00	0°♂		asc. node	-2416 Jul 20 j 14:58	12°♂39'12		
	-2418 Jan 29 j 18:37	0°♄			-2416 Aug 03 j 17:03	0°♂		
asc. node	-2418 Feb 02 j 19:04	4°♄41'33			-2416 Aug 27 j 19:05	0°♂		
	-2418 Feb 25 j 02:28	0°♄		greatest brilliancy	-2416 Aug 28 j 18:13	1°♂12'30	-3.9m	
evening max el	-2418 Mar 24 j 08:57	28°♄18'31	45°14'15	morning set	-2416 Sep 14 j 06:35	21°♂57'45		
	-2418 Mar 26 j 03:38	0°♄			-2416 Sep 20 j 15:41	0°♄		
greatest brilliancy	-2418 Apr 27 j 20:12	24°♄22'04	-4.5m		-2416 Oct 14 j 10:21	0°♂		
retrograde	-2418 May 11 j 16:14	27°♄42'08						
desc. node	-2418 May 25 j 11:56	24°♄02'41		superior conj	-2416 Oct 24 j 10:54	12°♂38'27	0°36'12	
evening set	-2418 May 26 j 15:13	23°♄27'15		minimum elong	-2416 Oct 24 j 19:46	13°♂06'23	0°35'48	
inferior conj	-2418 Jun 02 j 02:49	19°♄37'56	-1°-46'-3	max. Earth dist.	-2416 Oct 26 j 14:40	15°♂21'35	1.70937 AU	
minimum elong	-2418 Jun 01 j 22:58	19°♄43'55	1°44'54		-2416 Nov 07 j 05:40	0°♄		
min. Earth dist.	-2418 Jun 02 j 13:01	19°♄22'08	0.28761 AU	desc. node	-2416 Nov 09 j 07:40	2°♄37'14		
morning rise	-2418 Jun 08 j 06:03	15°♄57'49			-2416 Dec 01 j 03:05	0°♄		
direct	-2418 Jun 23 j 18:51	11°♄21'36		evening rise	-2416 Dec 05 j 19:20	5°♄51'25		
greatest brilliancy	-2418 Jul 08 j 08:29	15°♄01'47	-4.5m		-2416 Dec 25 j 03:22	0°♂		
	-2418 Jul 30 j 01:13	0°♂			-2415 Jan 18 j 07:39	0°♂		
morning max el	-2418 Aug 12 j 07:55	12°♂15'42	46°18'51		-2415 Feb 11 j 18:01	0°♄		
	-2418 Aug 29 j 10:12	0°♂		asc. node	-2415 Mar 02 j 07:17	22°♄28'48		
asc. node	-2418 Sep 15 j 12:31	19°♄08'34			-2415 Mar 08 j 13:42	0°♄		
	-2418 Sep 24 j 20:24	0°♂			-2415 Apr 02 j 23:26	0°♄		
	-2418 Oct 19 j 20:03	0°♄			-2415 Apr 29 j 07:48	0°♂		
	-2418 Nov 13 j 04:51	0°♂			-2415 May 27 j 13:54	0°♂		
	-2418 Dec 07 j 08:36	0°♄		evening max el	-2415 Jun 03 j 17:31	6°♄59'56	45°35'40	

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

desc. node	-2415 Jun 21 j 23:45	22° ♊ 57'36			-2413 Dec 16 j 15:46	0° ♊	
	-2415 Jul 02 j 02:37	0° ♊			-2412 Jan 09 j 16:20	0° ♊	
greatest brilliancy	-2415 Jul 11 j 12:39	4° ♊ 41'19	-4.5m				
retrograde	-2415 Jul 22 j 16:53	6° ♊ 54'17		superior conj	-2412 Jan 11 j 10:41	2° ♊ 11'49	-1°-9'-17
evening set	-2415 Aug 09 j 09:00	1° ♊ 05'50		minimum elong	-2412 Jan 11 j 00:06	1° ♊ 38'55	1°09'04
	-2415 Aug 11 j 05:15	30° ♊		max. Earth dist.	-2412 Jan 15 j 20:07	7° ♊ 39'56	1.72106 AU
inferior conj	-2415 Aug 12 j 16:11	29° ♊ 07'03	-8°-44'-52		-2412 Feb 02 j 19:45	0° ♊	
minimum elong	-2415 Aug 12 j 12:45	29° ♊ 12'16	8°44'40	evening rise	-2412 Feb 20 j 02:47	21° ♊ 23'09	
min. Earth dist.	-2415 Aug 13 j 03:02	28° ♊ 50'33	0.27631 AU		-2412 Feb 27 j 02:28	0° ♊	
morning rise	-2415 Aug 15 j 16:21	27° ♊ 18'22			-2412 Mar 22 j 13:16	0° ♊	
direct	-2415 Sep 02 j 17:54	21° ♊ 12'07		asc. node	-2412 Mar 29 j 19:23	8° ♊ 51'25	
greatest brilliancy	-2415 Sep 16 j 16:52	24° ♊ 45'07	-4.6m		-2412 Apr 16 j 05:00	0° ♊	
	-2415 Sep 25 j 15:44	0° ♊			-2412 May 11 j 02:48	0° ♊	
asc. node	-2415 Oct 13 j 00:09	14° ♊ 16'04			-2412 Jun 05 j 08:54	0° ♊	
morning max el	-2415 Oct 23 j 12:13	24° ♊ 34'19	46°51'59		-2412 Jul 01 j 04:31	0° ♊	
	-2415 Oct 28 j 17:31	0° ♊		desc. node	-2412 Jul 19 j 11:32	20° ♊ 34'55	
	-2415 Nov 24 j 14:52	0° ♊			-2412 Jul 28 j 02:39	0° ♊	
	-2415 Dec 20 j 00:36	0° ♊		evening max el	-2412 Aug 16 j 07:12	19° ♊ 52'21	46°57'34
	-2414 Jan 13 j 22:31	0° ♊			-2412 Aug 27 j 00:14	0° ♊	
desc. node	-2414 Feb 01 j 17:16	22° ♊ 45'08		greatest brilliancy	-2412 Sep 24 j 18:53	19° ♊ 50'55	-4.7m
	-2414 Feb 07 j 16:35	0° ♊		retrograde	-2412 Oct 05 j 12:37	21° ♊ 59'52	
	-2414 Mar 04 j 09:11	0° ♊		evening set	-2412 Oct 20 j 14:58	17° ♊ 32'17	
	-2414 Mar 29 j 00:40	0° ♊		inferior conj	-2412 Oct 26 j 01:50	14° ♊ 19'24	-3°-37'-59
	-2414 Apr 22 j 14:41	0° ♊		minimum elong	-2412 Oct 26 j 09:33	14° ♊ 07'38	3°35'42
morning set	-2414 Apr 27 j 00:02	5° ♊ 21'57		min. Earth dist.	-2412 Oct 26 j 03:46	14° ♊ 16'27	0.26347 AU
	-2414 May 17 j 02:32	0° ♊		morning rise	-2412 Nov 01 j 04:05	10° ♊ 46'02	
asc. node	-2414 May 25 j 17:16	10° ♊ 34'58		asc. node	-2412 Nov 09 j 11:42	7° ♊ 27'24	
max. Earth dist.	-2414 May 30 j 00:37	15° ♊ 52'50	1.73437 AU	direct	-2412 Nov 15 j 08:07	6° ♊ 45'01	
				greatest brilliancy	-2412 Nov 27 j 08:41	9° ♊ 27'23	-4.7m
superior conj	-2414 Jun 02 j 00:13	19° ♊ 33'13	0°17'06		-2412 Dec 25 j 17:44	0° ♊	
minimum elong	-2414 Jun 01 j 20:53	19° ♊ 22'57	0°16'58	morning max el	-2411 Jan 04 j 15:11	9° ♊ 33'50	46°39'38
	-2414 Jun 10 j 11:33	0° ♊			-2411 Jan 24 j 01:40	0° ♊	
	-2414 Jul 04 j 17:38	0° ♊			-2411 Feb 19 j 19:11	0° ♊	
evening rise	-2414 Jul 07 j 16:46	3° ♊ 40'32		desc. node	-2411 Mar 01 j 05:12	10° ♊ 51'16	
	-2414 Jul 28 j 21:37	0° ♊			-2411 Mar 17 j 15:06	0° ♊	
	-2414 Aug 22 j 01:10	0° ♊			-2411 Apr 12 j 00:01	0° ♊	
desc. node	-2414 Sep 14 j 09:41	28° ♊ 56'47			-2411 May 07 j 01:20	0° ♊	
	-2414 Sep 15 j 06:08	0° ♊			-2411 May 31 j 19:53	0° ♊	
	-2414 Oct 09 j 14:22	0° ♊		asc. node	-2411 Jun 22 j 05:13	26° ♊ 10'50	
	-2414 Nov 03 j 04:33	0° ♊			-2411 Jun 25 j 07:42	0° ♊	
	-2414 Nov 28 j 06:58	0° ♊		morning set	-2411 Jul 03 j 02:19	9° ♊ 35'44	
	-2414 Dec 24 j 14:01	0° ♊			-2411 Jul 19 j 13:09	0° ♊	
asc. node	-2413 Jan 05 j 09:17	12° ♊ 35'50		max. Earth dist.	-2411 Aug 05 j 01:45	20° ♊ 37'02	1.71911 AU
evening max el	-2413 Jan 10 j 06:26	17° ♊ 34'11	46°18'17				
	-2413 Jan 23 j 10:14	0° ♊		superior conj	-2411 Aug 08 j 23:15	25° ♊ 29'33	1°22'05
greatest brilliancy	-2413 Feb 14 j 04:43	15° ♊ 30'30	-4.5m	minimum elong	-2411 Aug 08 j 19:08	25° ♊ 16'40	1°22'05
retrograde	-2413 Mar 01 j 00:24	19° ♊ 24'41			-2411 Aug 12 j 13:38	0° ♊	
evening set	-2413 Mar 18 j 03:17	13° ♊ 44'12			-2411 Sep 05 j 11:25	0° ♊	
inferior conj	-2413 Mar 22 j 09:47	11° ♊ 03'55	6°57'16	evening rise	-2411 Sep 16 j 10:47	13° ♊ 47'01	
minimum elong	-2413 Mar 22 j 18:15	10° ♊ 50'26	6°55'55		-2411 Sep 29 j 08:48	0° ♊	
min. Earth dist.	-2413 Mar 22 j 14:08	10° ♊ 56'58	0.29170 AU	desc. node	-2411 Oct 11 j 21:44	15° ♊ 43'29	
morning rise	-2413 Mar 27 j 09:24	7° ♊ 58'41			-2411 Oct 23 j 07:28	0° ♊	
direct	-2413 Apr 13 j 01:03	2° ♊ 41'22			-2411 Nov 16 j 08:39	0° ♊	
greatest brilliancy	-2413 Apr 25 j 18:08	5° ♊ 32'57	-4.5m		-2411 Dec 10 j 14:10	0° ♊	
desc. node	-2413 Apr 27 j 02:11	6° ♊ 08'19			-2410 Jan 04 j 03:41	0° ♊	
	-2413 May 29 j 05:23	0° ♊			-2410 Jan 29 j 08:22	0° ♊	
morning max el	-2413 May 31 j 20:46	2° ♊ 29'39	45°48'19	asc. node	-2410 Feb 01 j 21:17	4° ♊ 07'24	
	-2413 Jun 27 j 14:14	0° ♊			-2410 Feb 24 j 18:38	0° ♊	
	-2413 Jul 24 j 04:31	0° ♊		evening max el	-2410 Mar 22 j 00:10	26° ♊ 05'56	45°15'16
asc. node	-2413 Aug 18 j 02:53	29° ♊ 34'10			-2410 Mar 26 j 03:31	0° ♊	
	-2413 Aug 18 j 11:26	0° ♊		greatest brilliancy	-2410 Apr 25 j 09:08	22° ♊ 08'49	-4.5m
	-2413 Sep 11 j 23:36	0° ♊		retrograde	-2410 May 09 j 08:37	25° ♊ 32'48	
	-2413 Oct 06 j 00:56	0° ♊		evening set	-2410 May 24 j 07:14	21° ♊ 17'11	
	-2413 Oct 29 j 21:34	0° ♊		desc. node	-2410 May 24 j 14:01	21° ♊ 08'03	
	-2413 Nov 22 j 17:46	0° ♊		inferior conj	-2410 May 30 j 18:54	17° ♊ 27'46	-1°-26'-23
morning set	-2413 Nov 30 j 12:48	9° ♊ 47'25		minimum elong	-2410 May 30 j 15:44	17° ♊ 32'40	1°25'27
desc. node	-2413 Dec 07 j 19:32	18° ♊ 55'24		min. Earth dist.	-2410 May 31 j 05:18	17° ♊ 11'40	0.28790 AU

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Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

morning rise	-2410 Jun 05 j 23:38	13° U 45'45		desc. node	-2408 Nov 08 j 09:43	2° M 08'25	
direct	-2410 Jun 21 j 11:04	9° U 10'45			-2408 Nov 30 j 14:21	0° X	
greatest brilliancy	-2410 Jul 06 j 01:40	12° U 52'15	-4.5m	evening rise	-2408 Dec 03 j 05:02	3° X 16'15	
	-2410 Jul 30 j 06:02	0° II			-2408 Dec 24 j 14:43	0° Z	
morning max el	-2410 Aug 10 j 00:07	10° II 02'57	46°17'35		-2407 Jan 17 j 19:07	0° \approx	
	-2410 Aug 29 j 03:40	0° S			-2407 Feb 11 j 05:44	0° K	
asc. node	-2410 Sep 14 j 14:40	18° S 30'51		asc. node	-2407 Mar 01 j 09:22	21° K 58'43	
	-2410 Sep 24 j 10:49	0° Q			-2407 Mar 08 j 01:57	0° Y	
	-2410 Oct 19 j 09:11	0° M			-2407 Apr 02 j 12:44	0° U	
	-2410 Nov 12 j 17:19	0° A			-2407 Apr 28 j 23:19	0° II	
	-2410 Dec 06 j 20:38	0° M			-2407 May 27 j 11:11	0° S	
	-2410 Dec 30 j 23:54	0° X		evening max el	-2407 Jun 01 j 08:15	4° S 44'15	45°33'29
desc. node	-2409 Jan 04 j 07:34	5° X 21'33		desc. node	-2407 Jun 21 j 01:55	21° S 48'15	
	-2409 Jan 24 j 04:52	0° Z			-2407 Jul 03 j 19:38	0° Q	
morning set	-2409 Feb 14 j 12:39	26° Z 20'44		greatest brilliancy	-2407 Jul 09 j 00:27	2° Q 19'56	-4.5m
	-2409 Feb 17 j 11:44	0° \approx		retrograde	-2407 Jul 20 j 05:46	4° Q 33'32	
	-2409 Mar 13 j 20:16	0° K			-2407 Aug 04 j 17:49	30° R S	
				evening set	-2407 Aug 06 j 19:37	28° S 49'24	
superior conj	-2409 Mar 24 j 11:58	13° K 06'11	-1°-8'-13	inferior conj	-2407 Aug 10 j 05:44	26° S 46'03	-8°-40'-21
minimum elong	-2409 Mar 24 j 20:42	13° K 33'00	1°08'00	minimum elong	-2407 Aug 10 j 01:28	26° S 52'33	8°40'04
max. Earth dist.	-2409 Mar 25 j 10:30	14° K 15'23	1.73510 AU	min. Earth dist.	-2407 Aug 10 j 16:13	26° S 30'04	0.27677 AU
	-2409 Apr 07 j 06:08	0° Y		morning rise	-2407 Aug 13 j 07:10	24° S 55'13	
asc. node	-2409 Apr 27 j 07:20	24° Y 36'17		direct	-2407 Aug 31 j 08:16	18° S 50'30	
evening rise	-2409 Apr 30 j 03:50	28° Y 06'16		greatest brilliancy	-2407 Sep 14 j 06:51	22° S 22'25	-4.6m
	-2409 May 01 j 16:57	0° U			-2407 Sep 26 j 13:45	0° Q	
greatest brilliancy	-2409 May 01 j 19:13	0° U 06'57	-3.9m	asc. node	-2407 Oct 12 j 02:07	13° Q 16'31	
	-2409 May 26 j 04:27	0° II		morning max el	-2407 Oct 21 j 01:26	22° Q 07'56	46°51'32
	-2409 Jun 19 j 16:51	0° S			-2407 Oct 28 j 13:54	0° M	
	-2409 Jul 14 j 07:17	0° Q			-2407 Nov 24 j 06:32	0° A	
	-2409 Aug 08 j 01:56	0° M			-2407 Dec 19 j 14:20	0° M	
desc. node	-2409 Aug 16 j 23:41	10° M 42'09			-2406 Jan 13 j 11:12	0° X	
	-2409 Sep 02 j 04:25	0° A		desc. node	-2406 Jan 31 j 19:26	22° X 14'54	
	-2409 Sep 27 j 22:03	0° M			-2406 Feb 07 j 04:35	0° Z	
	-2409 Oct 25 j 04:01	0° X			-2406 Mar 03 j 20:43	0° \approx	
evening max el	-2409 Oct 28 j 18:16	3° X 42'46	47°28'37		-2406 Mar 28 j 11:52	0° K	
	-2409 Nov 27 j 18:14	0° Z			-2406 Apr 22 j 01:39	0° Y	
greatest brilliancy	-2409 Dec 05 j 09:32	4° Z 22'08	-4.7m	morning set	-2406 Apr 24 j 18:32	3° Y 18'19	
asc. node	-2409 Dec 07 j 23:35	5° Z 30'09			-2406 May 16 j 13:24	0° U	
retrograde	-2409 Dec 18 j 22:21	7° Z 48'34		asc. node	-2406 May 24 j 19:24	10° U 08'14	
evening set	-2408 Jan 03 j 21:34	2° Z 40'36		max. Earth dist.	-2406 May 27 j 20:22	13° U 52'34	1.73468 AU
min. Earth dist.	-2408 Jan 07 j 18:19	0° Z 18'43	0.27640 AU				
	-2408 Jan 08 j 06:12	30° R X		superior conj	-2406 May 30 j 18:54	17° U 29'35	0°14'03
inferior conj	-2408 Jan 08 j 20:26	29° X 37'34	6°51'10	minimum elong	-2406 May 30 j 16:09	17° U 21'05	0°13'58
minimum elong	-2408 Jan 08 j 11:12	29° X 52'08	6°49'26	behind sun begin	-2406 May 30 j 05:40	16° U 48'51	
morning rise	-2408 Jan 13 j 01:24	27° X 02'05		behind sun end	-2406 May 31 j 02:37	17° U 53'20	
direct	-2408 Jan 29 j 13:10	21° X 41'26			-2406 Jun 09 j 22:26	0° II	
greatest brilliancy	-2408 Feb 09 j 03:52	23° X 46'30	-4.6m		-2406 Jul 04 j 04:37	0° S	
	-2408 Feb 21 j 00:48	0° Z		evening rise	-2406 Jul 05 j 10:58	1° S 34'03	
morning max el	-2408 Mar 18 j 15:56	22° Z 12'55	46°00'42		-2406 Jul 28 j 08:49	0° Q	
	-2408 Mar 26 j 13:31	0° \approx			-2406 Aug 21 j 12:39	0° M	
desc. node	-2408 Mar 28 j 16:45	2° \approx 09'51		desc. node	-2406 Sep 13 j 11:41	28° M 26'17	
	-2408 Apr 23 j 18:15	0° K			-2406 Sep 14 j 18:01	0° A	
	-2408 May 20 j 05:26	0° Y			-2406 Oct 09 j 02:44	0° M	
	-2408 Jun 14 j 19:06	0° U			-2406 Nov 02 j 17:37	0° X	
	-2408 Jul 09 j 17:42	0° II			-2406 Nov 27 j 21:19	0° Z	
asc. node	-2408 Jul 19 j 17:08	12° II 10'30			-2406 Dec 24 j 07:23	0° \approx	
	-2408 Aug 03 j 04:26	0° S		asc. node	-2405 Jan 04 j 11:28	11° \approx 49'47	
	-2408 Aug 27 j 06:19	0° Q		evening max el	-2405 Jan 07 j 21:08	15° \approx 17'05	46°21'05
greatest brilliancy	-2408 Aug 29 j 12:58	2° Q 51'18	-3.9m		-2405 Jan 23 j 15:26	0° K	
morning set	-2408 Sep 11 j 20:06	19° Q 34'02		greatest brilliancy	-2405 Feb 11 j 22:37	13° K 22'37	-4.5m
	-2408 Sep 20 j 02:52	0° M		retrograde	-2405 Feb 26 j 16:55	17° K 15'59	
	-2408 Oct 13 j 21:31	0° A		evening set	-2405 Mar 15 j 22:34	11° K 31'59	
				inferior conj	-2405 Mar 20 j 02:41	8° K 55'07	7°07'40
superior conj	-2408 Oct 21 j 21:02	10° A 03'48	0°39'44	minimum elong	-2405 Mar 20 j 10:51	8° K 42'04	7°06'27
minimum elong	-2408 Oct 22 j 06:30	10° A 33'36	0°39'18	min. Earth dist.	-2405 Mar 20 j 06:26	8° K 49'08	0.29158 AU
max. Earth dist.	-2408 Oct 23 j 22:58	12° A 41'11	1.70929 AU	morning rise	-2405 Mar 24 j 23:18	5° K 53'53	
	-2408 Nov 06 j 16:53	0° M		direct	-2405 Apr 10 j 17:09	0° K 32'52	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

greatest brilliancy	-2405 Apr 23 j 08:12	3° Υ 21'42	-4.5m		-2403 Dec 10 j 02:00	0° Θ	
desc. node	-2405 Apr 26 j 04:16	4° Υ 39'39			-2402 Jan 03 j 16:03	0° \approx	
	-2405 May 29 j 04:24	0° Υ			-2402 Jan 28 j 21:47	0° Υ	
morning max el	-2405 May 29 j 11:52	0° Υ 17'48	45°47'55	asc. node	-2402 Jan 31 j 23:23	3° Υ 33'54	
	-2405 Jun 27 j 06:06	0° Υ			-2402 Feb 24 j 10:35	0° Υ	
	-2405 Jul 23 j 17:58	0° Π		evening max el	-2402 Mar 19 j 16:13	23° Υ 56'52	45°16'20
asc. node	-2405 Aug 17 j 05:00	29° Π 03'15			-2402 Mar 26 j 03:56	0° Υ	
	-2405 Aug 17 j 23:46	0° Θ		greatest brilliancy	-2402 Apr 22 j 22:26	19° Υ 57'38	-4.5m
	-2405 Sep 11 j 11:22	0° Ω		retrograde	-2402 May 07 j 01:12	23° Υ 24'51	
	-2405 Oct 05 j 12:24	0° Υ		evening set	-2402 May 21 j 23:31	19° Υ 08'32	
	-2405 Oct 29 j 08:53	0° Ω		desc. node	-2402 May 23 j 16:11	18° Υ 12'05	
	-2405 Nov 22 j 04:58	0° Υ		inferior conj	-2402 May 28 j 11:02	15° Υ 18'58	-1°-6'-43
morning set	-2405 Nov 27 j 22:31	7° Υ 12'11		minimum elong	-2402 May 28 j 08:35	15° Υ 22'45	1°05'59
desc. node	-2405 Dec 06 j 21:43	18° Υ 27'26		min. Earth dist.	-2402 May 28 j 21:23	15° Υ 02'57	0.28822 AU
	-2405 Dec 16 j 02:50	0° Υ		morning rise	-2402 Jun 03 j 17:08	11° Υ 35'13	
				direct	-2402 Jun 19 j 03:51	7° Υ 01'21	
superior conj	-2404 Jan 08 j 22:13	29° Υ 44'15	-1°-7'-4	greatest brilliancy	-2402 Jul 03 j 18:08	10° Υ 43'03	-4.5m
minimum elong	-2404 Jan 08 j 11:19	29° Υ 10'16	1°06'50		-2402 Jul 30 j 08:48	0° Π	
	-2404 Jan 09 j 03:17	0° Θ		morning max el	-2402 Aug 07 j 16:54	7° Π 52'38	46°16'06
max. Earth dist.	-2404 Jan 13 j 09:05	5° Θ 16'55	1.72044 AU		-2402 Aug 28 j 20:33	0° Θ	
	-2404 Feb 02 j 06:37	0° \approx		asc. node	-2402 Sep 13 j 16:41	17° Θ 53'44	
evening rise	-2404 Feb 17 j 17:22	19° \approx 06'27			-2402 Sep 24 j 00:52	0° Ω	
	-2404 Feb 26 j 13:21	0° Υ			-2402 Oct 18 j 21:58	0° Υ	
	-2404 Mar 22 j 00:17	0° Υ			-2402 Nov 12 j 05:24	0° Ω	
asc. node	-2404 Mar 28 j 21:23	8° Υ 23'44			-2402 Dec 06 j 08:17	0° Υ	
	-2404 Apr 15 j 16:20	0° Υ			-2402 Dec 30 j 11:13	0° Υ	
	-2404 May 10 j 14:42	0° Π		desc. node	-2401 Jan 03 j 09:39	4° Υ 53'04	
	-2404 Jun 04 j 21:47	0° Θ			-2401 Jan 23 j 15:57	0° Θ	
	-2404 Jun 30 j 19:12	0° Ω		morning set	-2401 Feb 12 j 02:35	24° Θ 01'53	
desc. node	-2404 Jul 18 j 13:43	19° Ω 54'32			-2401 Feb 16 j 22:37	0° \approx	
	-2404 Jul 27 j 21:05	0° Υ			-2401 Mar 13 j 06:59	0° Υ	
evening max el	-2404 Aug 13 j 18:52	17° Υ 24'21	46°54'52				
	-2404 Aug 27 j 07:06	0° Ω		superior conj	-2401 Mar 22 j 05:06	10° Υ 58'30	-1°-10'-4
greatest brilliancy	-2404 Sep 22 j 09:00	17° Ω 22'56	-4.7m	minimum elong	-2401 Mar 22 j 13:40	11° Υ 24'47	1°09'53
retrograde	-2404 Oct 03 j 00:11	19° Ω 29'46		max. Earth dist.	-2401 Mar 23 j 07:52	12° Υ 20'46	1.73479 AU
evening set	-2404 Oct 18 j 05:33	14° Ω 58'28			-2401 Apr 06 j 16:46	0° Υ	
inferior conj	-2404 Oct 23 j 13:50	11° Ω 49'43	-4°00'-24	asc. node	-2401 Apr 26 j 09:33	24° Υ 10'23	
minimum elong	-2404 Oct 23 j 22:12	11° Ω 36'59	3°57'58	evening rise	-2401 Apr 27 j 22:53	26° Υ 04'49	
min. Earth dist.	-2404 Oct 23 j 17:26	11° Ω 44'14	0.26360 AU		-2401 May 01 j 03:37	0° Υ	
morning rise	-2404 Oct 29 j 14:40	8° Ω 18'21		greatest brilliancy	-2401 May 02 j 01:04	1° Υ 05'43	-3.9m
asc. node	-2404 Nov 08 j 13:54	4° Ω 37'11			-2401 May 25 j 15:19	0° Π	
direct	-2404 Nov 12 j 19:48	4° Ω 14'47			-2401 Jun 19 j 04:06	0° Θ	
greatest brilliancy	-2404 Nov 25 j 00:00	7° Ω 00'58	-4.7m		-2401 Jul 13 j 19:05	0° Ω	
	-2404 Dec 25 j 21:14	0° Υ			-2401 Aug 07 j 14:33	0° Υ	
morning max el	-2403 Jan 02 j 04:33	7° Υ 08'49	46°41'02	desc. node	-2401 Aug 16 j 01:38	10° Υ 09'06	
	-2403 Jan 23 j 19:15	0° Υ			-2401 Sep 01 j 18:16	0° Ω	
	-2403 Feb 19 j 09:29	0° Θ			-2401 Sep 27 j 14:07	0° Υ	
desc. node	-2403 Feb 28 j 07:12	10° Θ 17'32			-2401 Oct 25 j 01:26	0° Υ	
	-2403 Mar 17 j 03:48	0° \approx		evening max el	-2401 Oct 26 j 10:32	1° Υ 24'52	47°29'33
	-2403 Apr 11 j 11:49	0° Υ			-2401 Nov 29 j 04:48	0° Θ	
	-2403 May 06 j 12:36	0° Υ		greatest brilliancy	-2401 Dec 03 j 02:13	2° Θ 02'35	-4.7m
	-2403 May 31 j 06:51	0° Υ		asc. node	-2401 Dec 07 j 01:45	3° Θ 41'39	
asc. node	-2403 Jun 21 j 07:25	25° Υ 44'17		retrograde	-2401 Dec 16 j 13:58	5° Θ 26'58	
	-2403 Jun 24 j 18:31	0° Π		evening set	-2400 Jan 01 j 09:07	0° Θ 24'12	
morning set	-2403 Jun 30 j 19:54	7° Π 28'23			-2400 Jan 02 j 01:34	30° Υ	
	-2403 Jul 18 j 23:56	0° Θ		min. Earth dist.	-2400 Jan 05 j 08:10	27° Υ 58'59	0.27562 AU
max. Earth dist.	-2403 Aug 02 j 17:53	18° Θ 23'32	1.71970 AU	inferior conj	-2400 Jan 06 j 10:54	27° Υ 16'52	6°38'15
				minimum elong	-2400 Jan 06 j 01:28	27° Υ 31'45	6°36'22
superior conj	-2403 Aug 06 j 15:12	23° Θ 15'21	1°21'15	morning rise	-2400 Jan 10 j 18:30	24° Υ 37'51	
minimum elong	-2403 Aug 06 j 10:26	23° Θ 00'26	1°21'14	direct	-2400 Jan 27 j 03:27	19° Υ 22'14	
	-2403 Aug 12 j 00:29	0° Ω		greatest brilliancy	-2400 Feb 06 j 15:58	21° Υ 25'47	-4.6m
	-2403 Sep 04 j 22:23	0° Υ			-2400 Feb 21 j 23:21	0° Θ	
evening rise	-2403 Sep 13 j 22:51	11° Υ 19'40		morning max el	-2400 Mar 16 j 07:06	19° Θ 59'09	46°01'48
	-2403 Sep 28 j 19:55	0° Ω			-2400 Mar 26 j 09:16	0° \approx	
desc. node	-2403 Oct 10 j 23:47	15° Ω 14'49		desc. node	-2400 Mar 27 j 18:48	1° \approx 25'48	
	-2403 Oct 22 j 18:45	0° Υ			-2400 Apr 23 j 09:05	0° Υ	
	-2403 Nov 15 j 20:10	0° Υ			-2400 May 19 j 18:16	0° Υ	

Attention, astronomical year style is used: The year -2900 in astronomical counting style is the year 2901 BCE in historical counting style.

	-2400 Jun 14 j 06:55	0°♄	
	-2400 Jul 09 j 05:00	0°♂	
asc. node	-2400 Jul 18 j 19:15	11°♂42'47	
	-2400 Aug 02 j 15:30	0°♄	
	-2400 Aug 26 j 17:17	0°♂	
greatest brilliancy	-2400 Aug 30 j 04:01	4°♂19'24	-3.9m
morning set	-2400 Sep 09 j 09:26	17°♂10'27	
	-2400 Sep 19 j 13:50	0°♄	
	-2400 Oct 13 j 08:32	0°♂	
superior conj	-2400 Oct 19 j 06:53	7°♂28'45	0°43'11
minimum elong	-2400 Oct 19 j 16:50	8°♂00'08	0°42'45
max. Earth dist.	-2400 Oct 21 j 03:11	9°♂48'24	1.70923 AU
	-2400 Nov 06 j 03:57	0°♄	
desc. node	-2400 Nov 07 j 11:55	1°♄40'34	
	-2400 Nov 30 j 01:27	0°♄	
evening rise	-2400 Nov 30 j 14:06	0°♄39'37	
	-2400 Dec 24 j 01:51	0°♄	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2400 Oct 19 j 06:53	7°♄28'45	0°43'11	evening set	-2397 Mar 13 j 17:41	9°♁19'17	
minimum elong	-2400 Oct 19 j 16:50	8°♄00'08	0°42'45	inferior conj	-2397 Mar 17 j 19:31	6°♁45'57	7°17'30
max. Earth dist.	-2400 Oct 21 j 03:11	9°♄48'24	1.70923 AU	minimum elong	-2397 Mar 18 j 03:21	6°♁33'27	7°16'25
	-2400 Nov 06 j 03:57	0°♄		min. Earth dist.	-2397 Mar 17 j 22:42	6°♁40'52	0.29140 AU
desc. node	-2400 Nov 07 j 11:55	1°♄40'34		morning rise	-2397 Mar 22 j 13:08	3°♁48'58	
	-2400 Nov 30 j 01:27	0°♄			-2397 Mar 30 j 09:21	30°♁	
evening rise	-2400 Nov 30 j 14:06	0°♄39'37		direct	-2397 Apr 08 j 08:54	28°♁23'54	
	-2400 Dec 24 j 01:51	0°♄			-2397 Apr 17 j 18:47	0°♁	
	-2399 Jan 17 j 06:21	0°♁		greatest brilliancy	-2397 Apr 20 j 22:59	1°♁11'12	-4.5m
	-2399 Feb 10 j 17:13	0°♁		desc. node	-2397 Apr 25 j 06:31	3°♁13'59	
asc. node	-2399 Feb 28 j 11:24	21°♁29'14		morning max el	-2397 May 27 j 03:23	28°♁07'00	45°47'43
	-2399 Mar 07 j 13:58	0°♁			-2397 May 29 j 02:28	0°♁	
	-2399 Apr 02 j 01:51	0°♁			-2397 Jun 26 j 21:41	0°♁	
	-2399 Apr 28 j 14:43	0°♁			-2397 Jul 23 j 07:16	0°♁	
	-2399 May 27 j 08:48	0°♁		asc. node	-2397 Aug 16 j 07:01	28°♁32'20	
evening max el	-2399 May 29 j 22:29	2°♁28'35	45°31'25		-2397 Aug 17 j 12:00	0°♁	
desc. node	-2399 Jun 20 j 04:02	20°♁38'16			-2397 Sep 10 j 23:03	0°♁	
	-2399 Jul 06 j 11:56	0°♁			-2397 Oct 04 j 23:50	0°♁	
greatest brilliancy	-2399 Jul 06 j 12:36	0°♁00'38	-4.5m		-2397 Oct 28 j 20:11	0°♁	
retrograde	-2399 Jul 17 j 18:26	2°♁14'58			-2397 Nov 21 j 16:12	0°♁	
	-2399 Jul 28 j 12:53	30°♁		morning set	-2397 Nov 25 j 08:10	4°♁36'30	
evening set	-2399 Aug 04 j 06:12	26°♁35'24		desc. node	-2397 Dec 05 j 23:48	17°♁58'54	
inferior conj	-2399 Aug 07 j 19:36	24°♁27'09	-8°-34'-52		-2397 Dec 15 j 14:00	0°♄	
minimum elong	-2399 Aug 07 j 14:32	24°♁34'53	8°34'27				
min. Earth dist.	-2399 Aug 08 j 05:59	24°♁11'19	0.27728 AU	superior conj	-2396 Jan 06 j 09:15	27°♄14'26	-1°-4'-42
morning rise	-2399 Aug 10 j 22:41	22°♁33'38		minimum elong	-2396 Jan 05 j 22:04	26°♄39'36	1°04'25
direct	-2399 Aug 28 j 22:32	16°♁30'41			-2396 Jan 08 j 14:23	0°♄	
greatest brilliancy	-2399 Sep 11 j 21:58	20°♁02'30	-4.6m	max. Earth dist.	-2396 Jan 10 j 17:56	2°♄40'31	1.71986 AU
	-2399 Sep 27 j 05:40	0°♁			-2396 Feb 01 j 17:40	0°♁	
asc. node	-2399 Oct 11 j 04:23	12°♁19'36		evening rise	-2396 Feb 15 j 07:21	16°♁47'19	
morning max el	-2399 Oct 18 j 14:15	19°♁41'00	46°50'48		-2396 Feb 26 j 00:25	0°♁	
	-2399 Oct 28 j 09:33	0°♁			-2396 Mar 21 j 11:28	0°♁	
	-2399 Nov 23 j 21:57	0°♁		asc. node	-2396 Mar 27 j 23:35	7°♁56'11	
	-2399 Dec 19 j 03:56	0°♁			-2396 Apr 15 j 03:49	0°♁	
	-2398 Jan 12 j 23:46	0°♄			-2396 May 10 j 02:45	0°♁	
desc. node	-2398 Jan 30 j 21:28	21°♄44'37			-2396 Jun 04 j 10:52	0°♁	
	-2398 Feb 06 j 16:27	0°♄			-2396 Jun 30 j 10:09	0°♁	
	-2398 Mar 03 j 08:05	0°♁		desc. node	-2396 Jul 17 j 15:45	19°♁13'07	
	-2398 Mar 27 j 22:53	0°♁			-2396 Jul 27 j 16:02	0°♁	
	-2398 Apr 21 j 12:28	0°♁		evening max el	-2396 Aug 11 j 07:30	14°♁58'59	46°52'16
morning set	-2398 Apr 22 j 13:07	1°♁15'23			-2396 Aug 27 j 16:26	0°♁	
	-2398 May 16 j 00:07	0°♁		greatest brilliancy	-2396 Sep 19 j 22:05	14°♁54'22	-4.7m
asc. node	-2398 May 23 j 21:35	9°♁42'02		retrograde	-2396 Sep 30 j 12:26	17°♁00'27	
max. Earth dist.	-2398 May 25 j 16:07	11°♁52'48	1.73497 AU	evening set	-2396 Oct 15 j 20:24	12°♁25'03	
				inferior conj	-2396 Oct 21 j 01:59	9°♁20'29	-4°-22'-2
superior conj	-2398 May 28 j 13:57	15°♁27'34	0°11'02	minimum elong	-2396 Oct 21 j 10:56	9°♁06'54	4°19'31
minimum elong	-2398 May 28 j 11:46	15°♁20'52	0°10'58	min. Earth dist.	-2396 Oct 21 j 06:51	9°♁13'05	0.26379 AU
behind sun begin	-2398 May 27 j 19:39	14°♁31'17		morning rise	-2396 Oct 27 j 01:14	5°♁51'39	
behind sun end	-2398 May 29 j 03:53	16°♁10'28		asc. node	-2396 Nov 07 j 16:01	1°♁53'58	
	-2398 Jun 09 j 09:09	0°♁		direct	-2396 Nov 10 j 08:18	1°♁45'03	
evening rise	-2398 Jul 03 j 05:42	29°♁29'50		greatest brilliancy	-2396 Nov 22 j 14:58	4°♁34'27	-4.7m
	-2398 Jul 03 j 15:26	0°♁			-2396 Dec 25 j 23:18	0°♁	
	-2398 Jul 27 j 19:50	0°♁		morning max el	-2396 Dec 30 j 18:55	4°♁45'51	46°42'08
	-2398 Aug 21 j 00:00	0°♁			-2395 Jan 23 j 12:40	0°♄	
desc. node	-2398 Sep 12 j 13:48	27°♁56'29			-2395 Feb 18 j 23:55	0°♄	
	-2398 Sep 14 j 05:48	0°♁		desc. node	-2395 Feb 27 j 09:17	9°♁43'23	
	-2398 Oct 08 j 15:05	0°♁			-2395 Mar 16 j 16:45	0°♁	
	-2398 Nov 02 j 06:47	0°♄			-2395 Apr 10 j 23:53	0°♁	
	-2398 Nov 27 j 11:55	0°♄			-2395 May 06 j 00:06	0°♁	
	-2398 Dec 24 j 01:17	0°♁			-2395 May 30 j 18:01	0°♁	
asc. node	-2397 Jan 03 j 13:34	11°♁02'22		asc. node	-2395 Jun 20 j 09:24	25°♁16'35	
evening max el	-2397 Jan 05 j 11:21	12°♁58'13	46°24'05		-2395 Jun 24 j 05:30	0°♁	
	-2397 Jan 23 j 23:05	0°♁		morning set	-2395 Jun 28 j 13:34	5°♁20'48	
greatest brilliancy	-2397 Feb 09 j 15:39	11°♁12'59	-4.5m		-2395 Jul 18 j 10:54	0°♁	
retrograde	-2397 Feb 24 j 09:27	15°♁06'58		max. Earth dist.	-2395 Jul 31 j 09:14	16°♁07'09	1.72027 AU

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2395 Aug 04 j 07:22	21° Ω 01'19	1°20'17	morning rise	-2392 Jan 08 j 11:30	22° \mathcal{Z} 12'08	
minimum elong	-2395 Aug 04 j 02:01	20° Ω 44'33	1°20'17	direct	-2392 Jan 24 j 17:25	17° \mathcal{Z} 01'54	
	-2395 Aug 11 j 11:31	0° Ω		greatest brilliancy	-2392 Feb 04 j 04:16	19° \mathcal{Z} 03'58	-4.6m
	-2395 Sep 04 j 09:34	0° \mathcal{M}			-2392 Feb 22 j 16:30	0° \mathcal{Z}	
evening rise	-2395 Sep 11 j 11:21	8° \mathcal{M} 52'59		morning max el	-2392 Mar 13 j 21:14	17° \mathcal{Z} 41'52	46°02'51
	-2395 Sep 28 j 07:14	0° Ω			-2392 Mar 26 j 04:46	0° \approx	
desc. node	-2395 Oct 10 j 01:59	14° Ω 45'57		desc. node	-2392 Mar 26 j 21:03	0° \approx 42'00	
	-2395 Oct 22 j 06:15	0° \mathcal{M}			-2392 Apr 23 j 00:06	0° \mathcal{H}	
	-2395 Nov 15 j 07:53	0° \mathcal{Z}			-2392 May 19 j 07:24	0° \mathcal{Y}	
	-2395 Dec 09 j 14:03	0° \mathcal{Z}			-2392 Jun 13 j 19:06	0° \mathcal{B}	
	-2394 Jan 03 j 04:42	0° \approx			-2392 Jul 08 j 16:40	0° Π	
	-2394 Jan 28 j 11:38	0° \mathcal{H}		asc. node	-2392 Jul 17 j 21:19	11° Π 13'48	
asc. node	-2394 Jan 31 j 01:24	2° \mathcal{H} 59'06			-2392 Aug 02 j 02:53	0° \mathcal{G}	
	-2394 Feb 24 j 03:13	0° \mathcal{Y}			-2392 Aug 26 j 04:34	0° Ω	
evening max el	-2394 Mar 17 j 08:57	21° \mathcal{Y} 48'11	45°17'26	greatest brilliancy	-2392 Aug 30 j 11:00	5° Ω 21'15	-3.9m
	-2394 Mar 26 j 06:13	0° \mathcal{B}		morning set	-2392 Sep 06 j 22:47	14° Ω 46'05	
greatest brilliancy	-2394 Apr 20 j 13:09	17° \mathcal{B} 46'59	-4.5m		-2392 Sep 19 j 01:04	0° \mathcal{M}	
retrograde	-2394 May 04 j 17:35	21° \mathcal{B} 15'33			-2392 Oct 12 j 19:49	0° Ω	
evening set	-2394 May 19 j 16:01	16° \mathcal{B} 58'41					
desc. node	-2394 May 22 j 18:14	15° \mathcal{B} 12'52		superior conj	-2392 Oct 16 j 16:57	4° Ω 53'35	0°46'31
inferior conj	-2394 May 26 j 03:09	13° \mathcal{B} 09'03	0°-47'-3	minimum elong	-2392 Oct 17 j 03:20	5° Ω 26'18	0°46'05
minimum elong	-2394 May 26 j 01:25	13° \mathcal{B} 11'44	0°46'31	max. Earth dist.	-2392 Oct 18 j 04:54	6° Ω 46'54	1.70922 AU
min. Earth dist.	-2394 May 26 j 13:24	12° \mathcal{B} 53'09	0.28849 AU		-2392 Nov 05 j 15:18	0° \mathcal{M}	
morning rise	-2394 Jun 01 j 10:26	9° \mathcal{B} 23'37		desc. node	-2392 Nov 06 j 13:56	1° \mathcal{M} 11'11	
direct	-2394 Jun 16 j 20:47	4° \mathcal{B} 51'06		evening rise	-2392 Nov 27 j 23:11	28° \mathcal{M} 01'59	
greatest brilliancy	-2394 Jul 01 j 09:16	8° \mathcal{B} 31'14	-4.5m		-2392 Nov 29 j 12:52	0° \mathcal{Z}	
	-2394 Jul 30 j 10:28	0° Π			-2392 Dec 23 j 13:18	0° \mathcal{Z}	
morning max el	-2394 Aug 05 j 09:05	5° Π 40'15	46°14'36		-2391 Jan 16 j 17:53	0° \approx	
	-2394 Aug 28 j 13:23	0° \mathcal{G}			-2391 Feb 10 j 05:00	0° \mathcal{H}	
asc. node	-2394 Sep 12 j 18:54	17° \mathcal{G} 16'49		asc. node	-2391 Feb 27 j 13:37	20° \mathcal{H} 59'24	
	-2394 Sep 23 j 15:01	0° Ω			-2391 Mar 07 j 02:20	0° \mathcal{Y}	
	-2394 Oct 18 j 10:55	0° \mathcal{M}			-2391 Apr 01 j 15:22	0° \mathcal{B}	
	-2394 Nov 11 j 17:41	0° Ω			-2391 Apr 28 j 06:43	0° Π	
	-2394 Dec 05 j 20:08	0° \mathcal{M}			-2391 May 27 j 07:48	0° \mathcal{G}	
	-2394 Dec 29 j 22:47	0° \mathcal{Z}		evening max el	-2391 May 27 j 11:54	0° \mathcal{G} 09'48	45°29'20
desc. node	-2393 Jan 02 j 11:40	4° \mathcal{Z} 23'35		desc. node	-2391 Jun 19 j 06:04	19° \mathcal{G} 24'47	
	-2393 Jan 23 j 03:16	0° \mathcal{Z}		greatest brilliancy	-2391 Jul 04 j 00:24	27° \mathcal{G} 39'35	-4.5m
morning set	-2393 Feb 09 j 16:28	21° \mathcal{Z} 42'04		retrograde	-2391 Jul 15 j 07:09	29° \mathcal{G} 55'22	
	-2393 Feb 16 j 09:46	0° \approx		evening set	-2391 Aug 01 j 16:26	24° \mathcal{G} 20'24	
	-2393 Mar 12 j 18:01	0° \mathcal{H}		inferior conj	-2391 Aug 05 j 09:25	22° \mathcal{G} 07'04	-8°-28'-30
				minimum elong	-2391 Aug 05 j 03:34	22° \mathcal{G} 16'00	8°27'59
superior conj	-2393 Mar 19 j 21:59	8° \mathcal{H} 48'58	-1°-11'-49	min. Earth dist.	-2391 Aug 05 j 19:50	21° \mathcal{G} 51'10	0.27777 AU
minimum elong	-2393 Mar 20 j 06:18	9° \mathcal{H} 14'32	1°11'39	morning rise	-2391 Aug 08 j 14:27	20° \mathcal{G} 10'35	
max. Earth dist.	-2393 Mar 21 j 05:55	10° \mathcal{H} 27'08	1.73452 AU	direct	-2391 Aug 26 j 12:26	14° \mathcal{G} 09'36	
	-2393 Apr 06 j 03:45	0° \mathcal{Y}		greatest brilliancy	-2391 Sep 09 j 14:03	17° \mathcal{G} 42'58	-4.6m
asc. node	-2393 Apr 25 j 11:39	23° \mathcal{Y} 42'59			-2391 Sep 27 j 18:02	0° Ω	
evening rise	-2393 Apr 25 j 17:32	24° \mathcal{Y} 01'01		asc. node	-2391 Oct 10 j 06:30	11° Ω 22'43	
	-2393 Apr 30 j 14:40	0° \mathcal{B}		morning max el	-2391 Oct 16 j 03:01	17° Ω 13'13	46°50'09
greatest brilliancy	-2393 May 02 j 18:53	2° \mathcal{B} 39'56	-3.9m		-2391 Oct 28 j 04:56	0° \mathcal{M}	
	-2393 May 25 j 02:34	0° Π			-2391 Nov 23 j 13:23	0° Ω	
	-2393 Jun 18 j 15:42	0° \mathcal{G}			-2391 Dec 18 j 17:39	0° \mathcal{M}	
	-2393 Jul 13 j 07:15	0° Ω			-2390 Jan 12 j 12:30	0° \mathcal{Z}	
	-2393 Aug 07 j 03:32	0° \mathcal{M}		desc. node	-2390 Jan 29 j 23:33	21° \mathcal{Z} 13'45	
desc. node	-2393 Aug 15 j 03:45	9° \mathcal{M} 35'27			-2390 Feb 06 j 04:32	0° \mathcal{Z}	
	-2393 Sep 01 j 08:34	0° Ω			-2390 Mar 02 j 19:40	0° \approx	
	-2393 Sep 27 j 06:47	0° \mathcal{M}			-2390 Mar 27 j 10:08	0° \mathcal{H}	
evening max el	-2393 Oct 24 j 02:37	29° \mathcal{M} 05'21	47°30'15	morning set	-2390 Apr 20 j 07:40	29° \mathcal{H} 11'36	
	-2393 Oct 25 j 00:05	0° \mathcal{Z}			-2390 Apr 20 j 23:30	0° \mathcal{Y}	
greatest brilliancy	-2393 Nov 30 j 19:47	29° \mathcal{Z} 42'53	-4.7m		-2390 May 15 j 11:04	0° \mathcal{B}	
	-2393 Dec 01 j 10:38	0° \mathcal{Z}		asc. node	-2390 May 22 j 23:35	9° \mathcal{B} 14'35	
asc. node	-2393 Dec 06 j 03:49	1° \mathcal{Z} 47'39		max. Earth dist.	-2390 May 23 j 13:10	9° \mathcal{B} 56'21	1.73530 AU
retrograde	-2393 Dec 14 j 05:09	3° \mathcal{Z} 03'48					
	-2393 Dec 26 j 08:09	30° \mathcal{R} \mathcal{Z}		superior conj	-2390 May 26 j 08:56	13° \mathcal{B} 24'43	0°08'00
evening set	-2393 Dec 29 j 20:41	28° \mathcal{Z} 06'29		minimum elong	-2390 May 26 j 07:21	13° \mathcal{B} 19'50	0°07'58
min. Earth dist.	-2392 Jan 02 j 22:20	25° \mathcal{Z} 37'25	0.27482 AU	behind sun begin	-2390 May 25 j 12:01	12° \mathcal{B} 20'24	
inferior conj	-2392 Jan 04 j 01:17	24° \mathcal{Z} 54'57	6°24'34	behind sun end	-2390 May 27 j 02:40	14° \mathcal{B} 19'17	
minimum elong	-2392 Jan 03 j 15:43	25° \mathcal{Z} 10'02	6°22'33		-2390 Jun 08 j 20:07	0° Π	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2390 Jul 01 j 00:23	27° Π 24'44		greatest brilliancy	-2388 Nov 20 j 04:53	2° Ω 05'39	-4.7m
	-2390 Jul 03 j 02:32	0° Ξ			-2388 Dec 26 j 00:13	0° \mathbb{M}	
	-2390 Jul 27 j 07:10	0° Ω		morning max el	-2388 Dec 28 j 09:20	2° \mathbb{M} 22'40	46°43'17
	-2390 Aug 20 j 11:40	0° \mathbb{M}			-2387 Jan 23 j 05:45	0° \mathcal{X}	
desc. node	-2390 Sep 11 j 15:57	27° \mathbb{M} 25'59			-2387 Feb 18 j 14:10	0° Ξ	
	-2390 Sep 13 j 17:53	0° Ω		desc. node	-2387 Feb 26 j 11:30	9° Ξ 09'59	
	-2390 Oct 08 j 03:42	0° \mathbb{M}			-2387 Mar 16 j 05:33	0° \approx	
	-2390 Nov 01 j 20:14	0° \mathcal{X}			-2387 Apr 10 j 11:50	0° \mathcal{X}	
	-2390 Nov 27 j 02:52	0° Ξ			-2387 May 05 j 11:31	0° Υ	
	-2390 Dec 23 j 19:50	0° \approx			-2387 May 30 j 05:05	0° \mathcal{B}	
asc. node	-2389 Jan 02 j 15:39	10° \approx 13'38		asc. node	-2387 Jun 19 j 11:34	24° \mathcal{B} 49'40	
evening max el	-2389 Jan 03 j 01:42	10° \approx 38'57	46°27'06		-2387 Jun 23 j 16:24	0° Π	
	-2389 Jan 24 j 09:53	0° \mathcal{X}		morning set	-2387 Jun 26 j 07:31	3° Π 14'32	
greatest brilliancy	-2389 Feb 07 j 07:53	9° \mathcal{X} 01'30	-4.6m		-2387 Jul 17 j 21:46	0° Ξ	
retrograde	-2389 Feb 22 j 02:18	12° \mathcal{X} 57'12		max. Earth dist.	-2387 Jul 28 j 23:49	13° Ξ 48'52	1.72086 AU
evening set	-2389 Mar 11 j 12:36	7° \mathcal{X} 05'42					
inferior conj	-2389 Mar 15 j 12:15	4° \mathcal{X} 35'52	7°26'48	superior conj	-2387 Aug 01 j 23:52	18° Ξ 48'46	1°19'13
minimum elong	-2389 Mar 15 j 19:42	4° \mathcal{X} 24'00	7°25'49	minimum elong	-2387 Aug 01 j 17:58	18° Ξ 30'20	1°19'11
min. Earth dist.	-2389 Mar 15 j 14:39	4° \mathcal{X} 32'02	0.29120 AU		-2387 Aug 10 j 22:28	0° Ω	
morning rise	-2389 Mar 20 j 02:53	1° \mathcal{X} 43'24			-2387 Sep 03 j 20:39	0° \mathbb{M}	
	-2389 Mar 23 j 04:34	30° \mathcal{R} \approx		evening rise	-2387 Sep 09 j 00:02	6° \mathbb{M} 27'13	
direct	-2389 Apr 06 j 00:35	26° \approx 14'01			-2387 Sep 27 j 18:31	0° Ω	
greatest brilliancy	-2389 Apr 18 j 14:02	29° \approx 00'34	-4.5m	desc. node	-2387 Oct 09 j 03:59	14° Ω 16'35	
	-2389 Apr 20 j 19:18	0° \mathcal{X}			-2387 Oct 21 j 17:43	0° \mathbb{M}	
desc. node	-2389 Apr 24 j 08:29	1° \mathcal{X} 50'15			-2387 Nov 14 j 19:36	0° \mathcal{X}	
morning max el	-2389 May 24 j 19:34	25° \mathcal{X} 57'30	45°47'34		-2387 Dec 09 j 02:07	0° Ξ	
	-2389 May 28 j 23:51	0° Υ			-2386 Jan 02 j 17:21	0° \approx	
	-2389 Jun 26 j 13:09	0° \mathcal{B}			-2386 Jan 28 j 01:29	0° \mathcal{X}	
	-2389 Jul 22 j 20:36	0° Π		asc. node	-2386 Jan 30 j 03:37	2° \mathcal{X} 24'58	
asc. node	-2389 Aug 15 j 09:14	28° Π 01'33			-2386 Feb 23 j 20:00	0° Υ	
	-2389 Aug 17 j 00:21	0° Ξ		evening max el	-2386 Mar 15 j 01:32	19° Υ 39'28	45°18'36
	-2389 Sep 10 j 10:55	0° Ω			-2386 Mar 26 j 09:51	0° \mathcal{B}	
	-2389 Oct 04 j 11:26	0° \mathbb{M}		greatest brilliancy	-2386 Apr 18 j 05:04	15° \mathcal{B} 38'23	-4.5m
	-2389 Oct 28 j 07:39	0° Ω		retrograde	-2386 May 02 j 09:36	19° \mathcal{B} 06'53	
	-2389 Nov 21 j 03:32	0° \mathbb{M}		evening set	-2386 May 17 j 08:45	14° \mathcal{B} 49'27	
morning set	-2389 Nov 22 j 17:43	2° \mathbb{M} 00'04		desc. node	-2386 May 21 j 20:19	12° \mathcal{B} 12'42	
desc. node	-2389 Dec 05 j 01:49	17° \mathbb{M} 29'53		inferior conj	-2386 May 23 j 19:20	10° \mathcal{B} 59'57	0°-27'-19
	-2389 Dec 15 j 01:14	0° \mathcal{X}		minimum elong	-2386 May 23 j 18:20	11° \mathcal{B} 01'30	0°27'00
				min. Earth dist.	-2386 May 24 j 05:41	10° \mathcal{B} 43'52	0.28872 AU
superior conj	-2388 Jan 03 j 19:58	24° \mathcal{X} 43'26	-1°-2'-10	morning rise	-2386 May 30 j 03:35	7° \mathcal{B} 12'49	
minimum elong	-2388 Jan 03 j 08:35	24° \mathcal{X} 07'57	1°01'51	direct	-2386 Jun 14 j 13:39	2° \mathcal{B} 41'44	
max. Earth dist.	-2388 Jan 08 j 02:36	0° Ξ 03'17	1.71931 AU	greatest brilliancy	-2386 Jun 28 j 23:41	6° \mathcal{B} 19'09	-4.5m
	-2388 Jan 08 j 01:32	0° Ξ			-2386 Jul 30 j 10:37	0° Π	
	-2388 Feb 01 j 04:47	0° \approx		morning max el	-2386 Aug 03 j 00:26	3° Π 26'37	46°13'14
evening rise	-2388 Feb 12 j 21:13	14° \approx 27'38			-2386 Aug 28 j 05:39	0° Ξ	
	-2388 Feb 25 j 11:33	0° \mathcal{X}		asc. node	-2386 Sep 11 j 21:00	16° Ξ 40'42	
	-2388 Mar 20 j 22:44	0° Υ			-2386 Sep 23 j 04:47	0° Ω	
asc. node	-2388 Mar 27 j 01:41	7° Υ 28'06			-2386 Oct 17 j 23:34	0° \mathbb{M}	
	-2388 Apr 14 j 15:22	0° \mathcal{B}			-2386 Nov 11 j 05:44	0° Ω	
	-2388 May 09 j 14:53	0° Π			-2386 Dec 05 j 07:49	0° \mathbb{M}	
	-2388 Jun 04 j 00:03	0° Ξ			-2386 Dec 29 j 10:11	0° \mathcal{X}	
	-2388 Jun 30 j 01:19	0° Ω		desc. node	-2385 Jan 01 j 13:51	3° \mathcal{X} 55'06	
desc. node	-2388 Jul 16 j 17:50	18° Ω 31'17			-2385 Jan 22 j 14:26	0° Ξ	
	-2388 Jul 27 j 11:37	0° \mathbb{M}		morning set	-2385 Feb 07 j 05:51	19° Ξ 21'12	
evening max el	-2388 Aug 08 j 20:48	12° \mathbb{M} 35'08	46°49'23		-2385 Feb 15 j 20:44	0° \approx	
	-2388 Aug 28 j 05:13	0° Ω			-2385 Mar 12 j 04:49	0° \mathcal{X}	
greatest brilliancy	-2388 Sep 17 j 10:05	12° Ω 23'49	-4.7m				
retrograde	-2388 Sep 28 j 00:41	14° Ω 29'41		superior conj	-2385 Mar 17 j 14:33	6° \mathcal{X} 39'06	-1°-13'-30
evening set	-2388 Oct 13 j 11:07	9° Ω 50'09		minimum elong	-2385 Mar 17 j 22:33	7° \mathcal{X} 03'43	1°13'20
inferior conj	-2388 Oct 18 j 13:46	6° Ω 49'46	-4°-43'-27	max. Earth dist.	-2385 Mar 19 j 04:04	8° \mathcal{X} 34'28	1.73417 AU
minimum elong	-2388 Oct 18 j 23:14	6° Ω 35'26	4°40'51		-2385 Apr 05 j 14:29	0° Υ	
min. Earth dist.	-2388 Oct 18 j 19:36	6° Ω 40'56	0.26401 AU	evening rise	-2385 Apr 23 j 12:02	21° Υ 57'27	
morning rise	-2388 Oct 24 j 11:10	3° Ω 23'54		asc. node	-2385 Apr 24 j 13:39	23° Υ 15'59	
	-2388 Nov 01 j 19:44	30° \mathcal{R} \mathbb{M}			-2385 Apr 30 j 01:30	0° \mathcal{B}	
asc. node	-2388 Nov 06 j 18:02	29° \mathbb{M} 15'38		greatest brilliancy	-2385 May 04 j 02:32	4° \mathcal{B} 57'11	-3.9m
direct	-2388 Nov 07 j 20:57	29° \mathbb{M} 14'04			-2385 May 24 j 13:37	0° Π	
	-2388 Nov 14 j 02:07	0° Ω			-2385 Jun 18 j 03:06	0° Ξ	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2385 Jul 12 j 19:11	0°♈				-2382 Jan 12 j 00:46	0°♏		
	-2385 Aug 06 j 16:17	0°♍		desc. node		-2382 Jan 29 j 01:43	20°♏44'27		
desc. node	-2385 Aug 14 j 05:57	9°♍02'53				-2382 Feb 05 j 16:10	0°♎		
	-2385 Aug 31 j 22:38	0°♌				-2382 Mar 02 j 06:53	0°♎		
	-2385 Sep 26 j 23:23	0°♌				-2382 Mar 26 j 21:02	0°♏		
evening max el	-2385 Oct 21 j 17:41	26°♌44'07	47°30'36	morning set		-2382 Apr 18 j 01:59	27°♏07'58		
	-2385 Oct 24 j 23:18	0°♏				-2382 Apr 20 j 10:13	0°♐		
greatest brilliancy	-2385 Nov 28 j 13:34	27°♏23'44	-4.7m			-2382 May 14 j 21:41	0°♏		
asc. node	-2385 Dec 05 j 05:55	29°♏49'33		max. Earth dist.		-2382 May 21 j 11:26	8°♏04'35	1.73558 AU	
	-2385 Dec 05 j 23:20	0°♎		asc. node		-2382 May 22 j 01:44	8°♏48'35		
retrograde	-2385 Dec 11 j 19:30	0°♎40'37							
	-2385 Dec 17 j 11:51	30°♏♏		superior conj		-2382 May 24 j 03:44	11°♏22'19	0°04'56	
evening set	-2385 Dec 27 j 08:08	25°♏48'41		minimum elong		-2382 May 24 j 02:45	11°♏19'15	0°04'56	
min. Earth dist.	-2385 Dec 31 j 12:49	23°♏15'17	0.27405 AU	behind sun begin		-2382 May 23 j 05:33	10°♏14'05		
inferior conj	-2384 Jan 01 j 15:30	22°♏33'13	6°09'56	behind sun end		-2382 May 24 j 23:56	12°♏24'26		
minimum elong	-2384 Jan 01 j 05:54	22°♏48'22	6°07'49			-2382 Jun 08 j 06:45	0°♐		
morning rise	-2384 Jan 06 j 04:23	19°♏46'24		evening rise		-2382 Jun 28 j 19:05	25°♐20'51		
direct	-2384 Jan 22 j 06:54	14°♏41'34				-2382 Jul 02 j 13:18	0°♏		
greatest brilliancy	-2384 Feb 01 j 17:46	16°♏43'25	-4.6m			-2382 Jul 26 j 18:12	0°♈		
	-2384 Feb 23 j 05:08	0°♎				-2382 Aug 19 j 23:03	0°♍		
morning max el	-2384 Mar 11 j 10:27	15°♎22'40	46°04'01	desc. node		-2382 Sep 10 j 17:57	26°♍55'47		
desc. node	-2384 Mar 25 j 23:03	29°♎58'49				-2382 Sep 13 j 05:42	0°♌		
	-2384 Mar 25 j 23:30	0°♎				-2382 Oct 07 j 16:05	0°♌		
	-2384 Apr 22 j 14:38	0°♏				-2382 Nov 01 j 09:25	0°♏		
	-2384 May 18 j 20:07	0°♐				-2382 Nov 26 j 17:35	0°♎		
	-2384 Jun 13 j 06:53	0°♏				-2382 Dec 23 j 14:22	0°♎		
asc. node	-2384 Jul 08 j 03:58	0°♐		evening max el		-2382 Dec 31 j 16:48	8°♎22'56	46°30'10	
	-2384 Jul 16 j 23:28	10°♐46'10		asc. node		-2381 Jan 01 j 17:49	9°♎25'44		
	-2384 Aug 01 j 13:56	0°♏				-2381 Jan 24 j 23:36	0°♏		
	-2384 Aug 25 j 15:30	0°♈		greatest brilliancy		-2381 Feb 04 j 23:50	6°♏50'59	-4.6m	
greatest brilliancy	-2384 Aug 30 j 20:50	6°♈33'07	-3.9m	retrograde		-2381 Feb 19 j 19:41	10°♏48'45		
morning set	-2384 Sep 04 j 12:31	12°♈23'59		evening set		-2381 Mar 09 j 07:32	4°♏53'27		
	-2384 Sep 18 j 11:59	0°♍		inferior conj		-2381 Mar 13 j 05:05	2°♏26'55	7°35'24	
	-2384 Oct 12 j 06:45	0°♌		minimum elong		-2381 Mar 13 j 12:07	2°♏15'43	7°34'32	
				min. Earth dist.		-2381 Mar 13 j 06:19	2°♏24'57	0.29102 AU	
superior conj	-2384 Oct 14 j 03:34	2°♌21'20	0°49'43			-2381 Mar 17 j 02:51	30°♏♎		
minimum elong	-2384 Oct 14 j 14:17	2°♌55'06	0°49'17	morning rise		-2381 Mar 17 j 16:49	29°♎39'00		
max. Earth dist.	-2384 Oct 15 j 06:21	3°♌45'45	1.70923 AU	direct		-2381 Apr 03 j 16:50	24°♎05'18		
	-2384 Nov 05 j 02:16	0°♌		greatest brilliancy		-2381 Apr 16 j 05:03	26°♎51'01	-4.5m	
desc. node	-2384 Nov 05 j 16:00	0°♌43'11				-2381 Apr 22 j 13:33	0°♏		
evening rise	-2384 Nov 25 j 08:33	25°♌26'27		desc. node		-2381 Apr 23 j 10:36	0°♏30'28		
	-2384 Nov 28 j 23:53	0°♏		morning max el		-2381 May 22 j 12:36	23°♏50'57	45°47'22	
	-2384 Dec 23 j 00:23	0°♎				-2381 May 28 j 20:11	0°♐		
	-2383 Jan 16 j 05:06	0°♎				-2381 Jun 26 j 04:07	0°♏		
	-2383 Feb 09 j 16:31	0°♏				-2381 Jul 22 j 09:34	0°♐		
asc. node	-2383 Feb 26 j 15:39	20°♏29'51		asc. node		-2381 Aug 14 j 11:19	27°♐31'25		
	-2383 Mar 06 j 14:26	0°♐				-2381 Aug 16 j 12:21	0°♏		
	-2383 Apr 01 j 04:40	0°♏				-2381 Sep 09 j 22:27	0°♈		
	-2383 Apr 27 j 22:38	0°♐				-2381 Oct 03 j 22:45	0°♍		
evening max el	-2383 May 25 j 01:07	27°♐51'51	45°27'30			-2381 Oct 27 j 18:50	0°♌		
	-2383 May 27 j 07:20	0°♏		morning set		-2381 Nov 20 j 03:29	29°♌24'55		
desc. node	-2383 Jun 18 j 08:13	18°♏10'36				-2381 Nov 20 j 14:38	0°♌		
greatest brilliancy	-2383 Jul 01 j 11:09	25°♏18'52	-4.5m	desc. node		-2381 Dec 04 j 04:00	17°♌02'02		
retrograde	-2383 Jul 12 j 20:26	27°♏37'29				-2381 Dec 14 j 12:14	0°♏		
evening set	-2383 Jul 30 j 02:36	22°♏06'55							
inferior conj	-2383 Aug 02 j 23:18	19°♏48'25	-8°-21'-20	superior conj		-2380 Jan 01 j 06:43	22°♏13'07	0°-59'-30	
minimum elong	-2383 Aug 02 j 16:44	19°♏58'25	8°20'39	minimum elong		-2381 Dec 31 j 19:15	21°♏37'19	0°59'11	
min. Earth dist.	-2383 Aug 03 j 09:36	19°♏32'43	0.27828 AU	max. Earth dist.		-2380 Jan 05 j 13:17	27°♏33'02	1.71873 AU	
morning rise	-2383 Aug 06 j 06:36	17°♏48'39				-2380 Jan 07 j 12:26	0°♎		
direct	-2383 Aug 24 j 02:34	11°♏49'46				-2380 Jan 31 j 15:38	0°♎		
greatest brilliancy	-2383 Sep 07 j 07:12	15°♏26'14	-4.6m	evening rise		-2380 Feb 10 j 11:17	12°♎09'20		
	-2383 Sep 28 j 02:44	0°♈				-2380 Feb 24 j 22:25	0°♏		
asc. node	-2383 Oct 09 j 08:29	10°♈27'48				-2380 Mar 20 j 09:44	0°♐		
morning max el	-2383 Oct 13 j 16:42	14°♈49'02	46°49'40	asc. node		-2380 Mar 26 j 03:42	7°♐00'32		
	-2383 Oct 27 j 23:24	0°♍				-2380 Apr 14 j 02:42	0°♏		
	-2383 Nov 23 j 04:13	0°♌				-2380 May 09 j 02:51	0°♐		
	-2383 Dec 18 j 06:51	0°♌				-2380 Jun 03 j 13:09	0°♏		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2380 Jun 29 j 16:31	0°♌					-2378 Nov 10 j 17:50	0°♊	
desc. node	-2380 Jul 15 j 20:02	17°♌49'50					-2378 Dec 04 j 19:33	0°♍	
	-2380 Jul 27 j 07:33	0°♍					-2378 Dec 28 j 21:40	0°♈	
evening max el	-2380 Aug 06 j 10:44	10°♍13'36	46°46'31		desc. node		-2378 Dec 31 j 15:55	3°♈25'57	
	-2380 Aug 28 j 21:45	0°♊					-2377 Jan 22 j 01:43	0°♎	
greatest brilliancy	-2380 Sep 14 j 22:13	9°♊54'32	-4.7m		morning set		-2377 Feb 04 j 18:58	16°♎58'58	
retrograde	-2380 Sep 25 j 12:57	11°♊59'47					-2377 Feb 15 j 07:49	0°♐	
evening set	-2380 Oct 11 j 02:05	7°♊16'14					-2377 Mar 11 j 15:46	0°♏	
inferior conj	-2380 Oct 16 j 01:39	4°♊19'58	-5°-4'-11						
minimum elong	-2380 Oct 16 j 11:34	4°♊04'58	5°01'31		superior conj		-2377 Mar 15 j 07:04	4°♏28'38	-1°-15'-3
min. Earth dist.	-2380 Oct 16 j 08:15	4°♊09'58	0.26425 AU		minimum elong		-2377 Mar 15 j 14:43	4°♏52'10	1°14'56
morning rise	-2380 Oct 21 j 20:55	0°♊57'11			max. Earth dist.		-2377 Mar 17 j 00:39	6°♏36'30	1.73377 AU
	-2380 Oct 23 j 17:26	30°♏					-2377 Apr 05 j 01:22	0°♑	
direct	-2380 Nov 05 j 09:59	26°♏44'08			evening rise		-2377 Apr 21 j 06:32	19°♑53'32	
asc. node	-2380 Nov 05 j 20:16	26°♏44'22			asc. node		-2377 Apr 23 j 15:51	22°♑49'15	
greatest brilliancy	-2380 Nov 17 j 18:16	29°♏36'42	-4.7m				-2377 Apr 29 j 12:26	0°♒	
	-2380 Nov 18 j 14:54	0°♋			greatest brilliancy		-2377 May 06 j 03:47	8°♒07'53	-3.9m
	-2380 Dec 25 j 23:51	0°♌					-2377 May 24 j 00:46	0°♑	
morning max el	-2380 Dec 25 j 23:23	29°♋58'51	46°44'21				-2377 Jun 17 j 14:39	0°♎	
	-2379 Jan 22 j 22:23	0°♈					-2377 Jul 12 j 07:19	0°♌	
	-2379 Feb 18 j 04:07	0°♎					-2377 Aug 06 j 05:19	0°♏	
desc. node	-2379 Feb 25 j 13:28	8°♎36'30			desc. node		-2377 Aug 13 j 07:53	8°♏28'46	
	-2379 Mar 15 j 18:06	0°♐					-2377 Aug 31 j 13:08	0°♊	
	-2379 Apr 09 j 23:34	0°♏					-2377 Sep 26 j 16:36	0°♍	
	-2379 May 04 j 22:44	0°♑			evening max el		-2377 Oct 19 j 07:43	24°♍19'23	47°30'59
	-2379 May 29 j 16:01	0°♒					-2377 Oct 24 j 23:54	0°♈	
asc. node	-2379 Jun 18 j 13:43	24°♒22'57			greatest brilliancy		-2377 Nov 26 j 07:08	25°♒03'17	-4.7m
	-2379 Jun 23 j 03:13	0°♑			asc. node		-2377 Dec 04 j 08:04	27°♒45'51	
morning set	-2379 Jun 24 j 01:34	1°♑08'53			retrograde		-2377 Dec 09 j 09:29	28°♒16'34	
	-2379 Jul 17 j 08:34	0°♎			evening set		-2377 Dec 24 j 19:35	23°♒29'34	
max. Earth dist.	-2379 Jul 26 j 12:52	11°♎26'05	1.72145 AU		min. Earth dist.		-2377 Dec 29 j 03:26	20°♒51'51	0.27331 AU
					inferior conj		-2377 Dec 30 j 05:40	20°♒10'32	5°54'31
superior conj	-2379 Jul 30 j 16:30	16°♎36'57	1°18'02		minimum elong		-2377 Dec 29 j 20:04	20°♒25'40	5°52'19
minimum elong	-2379 Jul 30 j 10:05	16°♎16'56	1°17'58		morning rise		-2376 Jan 03 j 21:14	17°♒19'49	
	-2379 Aug 10 j 09:22	0°♌			direct		-2376 Jan 19 j 19:52	12°♒20'02	
	-2379 Sep 03 j 07:41	0°♍			greatest brilliancy		-2376 Jan 30 j 08:08	14°♒22'50	-4.6m
evening rise	-2379 Sep 06 j 12:53	4°♍02'10					-2376 Feb 23 j 14:53	0°♎	
	-2379 Sep 27 j 05:43	0°♊			morning max el		-2376 Mar 08 j 23:33	13°♎02'11	46°05'15
desc. node	-2379 Oct 08 j 06:03	13°♊47'39			desc. node		-2376 Mar 25 j 01:08	29°♎15'39	
	-2379 Oct 21 j 05:09	0°♍					-2376 Mar 25 j 18:03	0°♐	
	-2379 Nov 14 j 07:19	0°♈					-2376 Apr 22 j 05:16	0°♏	
	-2379 Dec 08 j 14:13	0°♎					-2376 May 18 j 09:01	0°♑	
	-2378 Jan 02 j 06:04	0°♐					-2376 Jun 12 j 18:54	0°♒	
	-2378 Jan 27 j 15:28	0°♏					-2376 Jul 07 j 15:29	0°♑	
asc. node	-2378 Jan 29 j 05:41	1°♏50'15			asc. node		-2376 Jul 16 j 01:33	10°♑17'38	
	-2378 Feb 23 j 13:04	0°♑					-2376 Aug 01 j 01:13	0°♎	
evening max el	-2378 Mar 12 j 17:23	17°♑29'05	45°19'54				-2376 Aug 25 j 02:41	0°♌	
	-2378 Mar 26 j 15:13	0°♒			greatest brilliancy		-2376 Aug 31 j 03:47	7°♌35'08	-3.9m
greatest brilliancy	-2378 Apr 15 j 21:15	13°♒30'31	-4.5m		morning set		-2376 Sep 02 j 02:21	10°♌01'24	
retrograde	-2378 Apr 30 j 01:25	16°♒58'59					-2376 Sep 17 j 23:11	0°♍	
evening set	-2378 May 15 j 01:47	12°♒40'39							
desc. node	-2378 May 20 j 22:28	9°♒12'18			superior conj		-2376 Oct 11 j 14:03	29°♒47'29	0°52'49
inferior conj	-2378 May 21 j 11:44	8°♒51'37	0°-7'-42		minimum elong		-2376 Oct 12 j 01:00	0°♊22'00	0°52'23
minimum elong	-2378 May 21 j 11:27	8°♒52'04	0°07'36				-2376 Oct 11 j 18:01	0°♊	
transit middle	-2378 May 21 j 11:27	8°♒52'04	0°07'36		max. Earth dist.		-2376 Oct 12 j 08:58	0°♊47'08	1.70933 AU
transit begin	-2378 May 21 j 07:52	8°♒57'40			desc. node		-2376 Nov 04 j 18:12	0°♍14'25	
transit end	-2378 May 21 j 15:03	8°♒46'28					-2376 Nov 04 j 13:37	0°♍	
min. Earth dist.	-2378 May 21 j 22:25	8°♒35'00	0.28897 AU		evening rise		-2376 Nov 22 j 17:30	22°♍48'28	
morning rise	-2378 May 27 j 20:45	5°♒02'53					-2376 Nov 28 j 11:16	0°♈	
direct	-2378 Jun 12 j 06:16	0°♒33'04					-2376 Dec 22 j 11:49	0°♎	
greatest brilliancy	-2378 Jun 26 j 14:23	4°♒07'43	-4.5m				-2375 Jan 15 j 16:41	0°♐	
	-2378 Jul 30 j 09:45	0°♑					-2375 Feb 09 j 04:25	0°♏	
morning max el	-2378 Jul 31 j 15:06	1°♑11'16	46°11'45		asc. node		-2375 Feb 25 j 17:42	19°♏59'09	
	-2378 Aug 27 j 21:45	0°♎					-2375 Mar 06 j 02:59	0°♑	
asc. node	-2378 Sep 10 j 23:00	16°♎04'09					-2375 Mar 31 j 18:29	0°♒	
	-2378 Sep 22 j 18:34	0°♌					-2375 Apr 27 j 15:14	0°♑	
	-2378 Oct 17 j 12:16	0°♍			evening max el		-2375 May 22 j 15:04	25°♑34'56	45°25'53

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:41, page 6

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2375 May 27 j 08:24	0°☿		morning set	-2373 Nov 17 j 13:30	26°♄49'45	
desc. node	-2375 Jun 17 j 10:19	16°♄53'21			-2373 Nov 20 j 02:00	0°♍	
greatest brilliancy	-2375 Jun 28 j 21:07	22°♄56'57	-4.5m	desc. node	-2373 Dec 03 j 06:05	16°♍32'56	
retrograde	-2375 Jul 10 j 10:26	25°♄19'27			-2373 Dec 13 j 23:33	0°♎	
evening set	-2375 Jul 27 j 12:48	19°♄53'21					
inferior conj	-2375 Jul 31 j 13:19	17°♄29'28	-8°-13'-17	superior conj	-2373 Dec 29 j 17:06	19°♎40'28	0°-56'-41
minimum elong	-2375 Jul 31 j 06:07	17°♄40'26	8°12'28	minimum elong	-2373 Dec 29 j 05:40	19°♎04'45	0°56'21
min. Earth dist.	-2375 Jul 31 j 23:05	17°♄14'37	0.27877 AU	max. Earth dist.	-2372 Jan 03 j 01:29	25°♎06'14	1.71822 AU
morning rise	-2375 Aug 03 j 23:08	15°♄26'11			-2372 Jan 06 j 23:42	0°♏	
direct	-2375 Aug 21 j 17:15	9°♄29'49			-2372 Jan 31 j 02:52	0°♐	
greatest brilliancy	-2375 Sep 05 j 00:05	13°♄08'57	-4.6m	evening rise	-2372 Feb 08 j 00:47	9°♐47'59	
	-2375 Sep 28 j 09:20	0°♑			-2372 Feb 24 j 09:41	0°♑	
asc. node	-2375 Oct 08 j 10:45	9°♑33'53			-2372 Mar 19 j 21:08	0°♒	
morning max el	-2375 Oct 11 j 07:23	12°♑26'39	46°48'52	asc. node	-2372 Mar 25 j 05:54	6°♒32'18	
	-2375 Oct 27 j 17:49	0°♓			-2372 Apr 13 j 14:27	0°♓	
	-2375 Nov 22 j 19:19	0°♈			-2372 May 08 j 15:16	0°♈	
	-2375 Dec 17 j 20:26	0°♉			-2372 Jun 03 j 02:46	0°♉	
	-2374 Jan 11 j 13:26	0°♊			-2372 Jun 29 j 08:20	0°♊	
desc. node	-2374 Jan 28 j 03:44	20°♊13'26		desc. node	-2372 Jul 14 j 22:02	17°♊06'19	
	-2374 Feb 05 j 04:12	0°♋			-2372 Jul 27 j 04:31	0°♋	
	-2374 Mar 01 j 18:28	0°♌		evening max el	-2372 Aug 04 j 00:45	7°♋51'27	46°43'38
	-2374 Mar 26 j 08:20	0°♍			-2372 Aug 29 j 20:16	0°♌	
morning set	-2374 Apr 15 j 20:07	25°♍02'36		greatest brilliancy	-2372 Sep 12 j 11:19	7°♌26'06	-4.6m
	-2374 Apr 19 j 21:20	0°♎		retrograde	-2372 Sep 23 j 00:59	9°♌29'38	
	-2374 May 14 j 08:43	0°♏		evening set	-2372 Oct 08 j 17:19	4°♌42'19	
max. Earth dist.	-2374 May 19 j 10:32	6°♏14'10	1.73583 AU	inferior conj	-2372 Oct 13 j 13:42	1°♌50'15	-5°-24'-5
asc. node	-2374 May 21 j 03:53	8°♏21'16		minimum elong	-2372 Oct 13 j 23:58	1°♌34'41	5°21'26
				min. Earth dist.	-2372 Oct 13 j 21:10	1°♌38'55	0.26447 AU
superior conj	-2374 May 21 j 22:31	9°♏18'33	0°01'51		-2372 Oct 16 j 15:13	30°♍	
minimum elong	-2374 May 21 j 22:09	9°♏17'26	0°01'53	morning rise	-2372 Oct 19 j 06:30	28°♍30'40	
behind sun begin	-2374 May 21 j 00:09	8°♏09'46		direct	-2372 Nov 02 j 22:52	24°♍14'27	
behind sun end	-2374 May 22 j 20:09	10°♏25'06		asc. node	-2372 Nov 04 j 22:21	24°♍19'13	
	-2374 Jun 07 j 17:48	0°♎		greatest brilliancy	-2372 Nov 15 j 07:26	27°♍07'19	-4.7m
evening rise	-2374 Jun 26 j 14:00	23°♎16'29			-2372 Nov 20 j 21:14	0°♏	
	-2374 Jul 02 j 00:28	0°♏		morning max el	-2372 Dec 23 j 12:26	27°♏31'57	46°45'14
	-2374 Jul 26 j 05:34	0°♑			-2372 Dec 25 j 22:37	0°♐	
	-2374 Aug 19 j 10:45	0°♒			-2371 Jan 22 j 14:54	0°♑	
desc. node	-2374 Sep 09 j 20:05	26°♒25'06			-2371 Feb 17 j 18:12	0°♒	
	-2374 Sep 12 j 17:51	0°♓		desc. node	-2371 Feb 24 j 15:35	8°♒02'51	
	-2374 Oct 07 j 04:50	0°♈			-2371 Mar 15 j 06:54	0°♓	
	-2374 Oct 31 j 23:05	0°♉			-2371 Apr 09 j 11:34	0°♈	
	-2374 Nov 26 j 08:58	0°♊			-2371 May 04 j 10:14	0°♉	
	-2374 Dec 23 j 10:01	0°♋			-2371 May 29 j 03:12	0°♊	
evening max el	-2374 Dec 29 j 08:46	6°♋07'18	46°33'12	asc. node	-2371 Jun 17 j 15:44	23°♋55'06	
asc. node	-2374 Dec 31 j 19:53	8°♋35'05		morning set	-2371 Jun 21 j 19:25	29°♋01'57	
	-2373 Jan 25 j 19:18	0°♌			-2371 Jun 22 j 14:15	0°♋	
greatest brilliancy	-2373 Feb 02 j 16:39	4°♌39'36	-4.6m		-2371 Jul 16 j 19:37	0°♌	
retrograde	-2373 Feb 17 j 13:06	8°♌37'53		max. Earth dist.	-2371 Jul 24 j 02:11	9°♌03'29	1.72208 AU
evening set	-2373 Mar 07 j 02:09	2°♌39'12					
inferior conj	-2373 Mar 10 j 21:40	0°♍15'40	7°43'22	superior conj	-2371 Jul 28 j 09:08	14°♍24'30	1°16'43
minimum elong	-2373 Mar 11 j 04:15	0°♍05'13	7°42'38	minimum elong	-2371 Jul 28 j 02:15	14°♍03'03	1°16'39
min. Earth dist.	-2373 Mar 10 j 21:24	0°♍16'06	0.29078 AU		-2371 Aug 09 j 20:30	0°♎	
	-2373 Mar 11 j 07:31	30°♎			-2371 Sep 02 j 18:56	0°♏	
morning rise	-2373 Mar 15 j 06:31	27°♏32'18		evening rise	-2371 Sep 04 j 01:56	1°♏37'11	
direct	-2373 Apr 01 j 09:18	21°♏54'34			-2371 Sep 26 j 17:07	0°♐	
greatest brilliancy	-2373 Apr 13 j 18:52	24°♏38'19	-4.5m	desc. node	-2371 Oct 07 j 08:15	13°♐18'31	
desc. node	-2373 Apr 22 j 12:49	29°♏11'42			-2371 Oct 20 j 16:44	0°♑	
	-2373 Apr 23 j 19:32	0°♑			-2371 Nov 13 j 19:08	0°♒	
morning max el	-2373 May 20 j 05:34	21°♑42'58	45°47'11		-2371 Dec 08 j 02:23	0°♓	
	-2373 May 28 j 16:25	0°♒			-2370 Jan 01 j 18:53	0°♓	
	-2373 Jun 25 j 19:20	0°♓			-2370 Jan 27 j 05:39	0°♈	
	-2373 Jul 21 j 22:49	0°♈		asc. node	-2370 Jan 28 j 07:44	1°♈15'00	
asc. node	-2373 Aug 13 j 13:21	27°♈00'04			-2370 Feb 23 j 06:41	0°♈	
	-2373 Aug 16 j 00:40	0°♉		evening max el	-2370 Mar 10 j 08:26	15°♈16'08	45°21'08
	-2373 Sep 09 j 10:17	0°♊			-2370 Mar 26 j 23:12	0°♉	
	-2373 Oct 03 j 10:20	0°♋		greatest brilliancy	-2370 Apr 13 j 12:46	11°♉21'00	-4.5m
	-2373 Oct 27 j 06:17	0°♌		retrograde	-2370 Apr 27 j 17:07	14°♉50'30	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2370 May 12 j 18:54	10°♄30'48		superior conj	-2368 Oct 09 j 00:33	27°♎14'19	0°55'48
inferior conj	-2370 May 19 j 04:07	6°♄42'42	0°11'51	minimum elong	-2368 Oct 09 j 11:38	27°♎49'16	0°55'24
minimum elong	-2370 May 19 j 04:33	6°♄42'02	0°11'46	max. Earth dist.	-2368 Oct 09 j 15:19	28°♎00'54	1.70946 AU
transit middle	-2370 May 19 j 04:33	6°♄42'02	0°11'46		-2368 Oct 11 j 05:06	0°♊	
transit begin	-2370 May 19 j 01:45	6°♄46'24		desc. node	-2368 Nov 03 j 20:13	29°♊45'41	
transit end	-2370 May 19 j 07:21	6°♄37'40			-2368 Nov 04 j 00:46	0°♋	
min. Earth dist.	-2370 May 19 j 15:23	6°♄25'07	0.28923 AU	evening rise	-2368 Nov 20 j 02:28	20°♋11'06	
desc. node	-2370 May 20 j 00:31	6°♄10'53			-2368 Nov 27 j 22:28	0°♌	
morning rise	-2370 May 25 j 13:45	2°♄52'36			-2368 Dec 21 j 23:05	0°♍	
	-2370 May 31 j 20:40	30°♌			-2367 Jan 15 j 04:03	0°♎	
direct	-2370 Jun 09 j 22:19	28°♌23'39			-2367 Feb 08 j 16:04	0°♏	
	-2370 Jun 19 j 08:44	0°♍		asc. node	-2367 Feb 24 j 19:57	19°♏29'59	
greatest brilliancy	-2370 Jun 24 j 05:55	1°♍56'48	-4.5m		-2367 Mar 05 j 15:15	0°♐	
morning max el	-2370 Jul 29 j 05:27	28°♍54'47	46°10'22		-2367 Mar 31 j 08:02	0°♑	
	-2370 Jul 30 j 08:08	0°♒			-2367 Apr 27 j 07:44	0°♒	
	-2370 Aug 27 j 13:43	0°♓		evening max el	-2367 May 20 j 06:00	23°♒21'30	45°24'12
asc. node	-2370 Sep 10 j 01:16	15°♓28'22			-2367 May 27 j 10:25	0°♓	
	-2370 Sep 22 j 08:19	0°♑		desc. node	-2367 Jun 16 j 12:22	15°♓34'26	
	-2370 Oct 17 j 00:58	0°♒		greatest brilliancy	-2367 Jun 26 j 07:05	20°♓36'05	-4.5m
	-2370 Nov 10 j 05:56	0°♑		retrograde	-2367 Jul 08 j 00:44	23°♓02'16	
	-2370 Dec 04 j 07:16	0°♒		evening set	-2367 Jul 24 j 23:00	17°♓40'56	
	-2370 Dec 28 j 09:06	0°♑		inferior conj	-2367 Jul 29 j 03:23	15°♓11'27	-8°-4'-24
desc. node	-2370 Dec 30 j 17:58	2°♑56'51		minimum elong	-2367 Jul 28 j 19:34	15°♓23'20	8°03'26
	-2369 Jan 21 j 12:54	0°♑		min. Earth dist.	-2367 Jul 29 j 12:24	14°♓57'43	0.27927 AU
morning set	-2369 Feb 02 j 08:18	14°♑37'32		morning rise	-2367 Aug 01 j 15:53	13°♓04'19	
	-2369 Feb 14 j 18:49	0°♒		direct	-2367 Aug 19 j 08:28	7°♓11'00	
	-2369 Mar 11 j 02:38	0°♑		greatest brilliancy	-2367 Sep 02 j 16:06	10°♓51'35	-4.6m
					-2367 Sep 28 j 13:36	0°♑	
superior conj	-2369 Mar 12 j 23:46	2°♑18'54	-1°-16'-29	asc. node	-2367 Oct 07 j 12:51	8°♑41'21	
minimum elong	-2369 Mar 13 j 07:01	2°♑41'12	1°16'24	morning max el	-2367 Oct 08 j 22:32	10°♑06'32	46°48'00
max. Earth dist.	-2369 Mar 14 j 19:58	4°♑34'51	1.73341 AU		-2367 Oct 27 j 11:31	0°♒	
	-2369 Apr 04 j 12:14	0°♑			-2367 Nov 22 j 09:56	0°♑	
evening rise	-2369 Apr 19 j 01:00	17°♑49'36			-2367 Dec 17 j 09:35	0°♒	
asc. node	-2369 Apr 22 j 17:58	22°♑22'14			-2366 Jan 11 j 01:43	0°♑	
	-2369 Apr 28 j 23:24	0°♑		desc. node	-2366 Jan 27 j 05:51	19°♑43'42	
	-2369 May 23 j 11:57	0°♒			-2366 Feb 04 j 15:53	0°♑	
	-2369 Jun 17 j 02:12	0°♓			-2366 Mar 01 j 05:42	0°♒	
	-2369 Jul 11 j 19:28	0°♑			-2366 Mar 25 j 19:15	0°♑	
	-2369 Aug 05 j 18:24	0°♒		morning set	-2366 Apr 13 j 14:37	22°♑59'31	
desc. node	-2369 Aug 12 j 10:02	7°♒55'10			-2366 Apr 19 j 08:02	0°♑	
	-2369 Aug 31 j 03:45	0°♑			-2366 May 13 j 19:20	0°♑	
	-2369 Sep 26 j 10:08	0°♒		max. Earth dist.	-2366 May 17 j 10:49	4°♑28'42	1.73606 AU
evening max el	-2369 Oct 16 j 21:13	21°♒53'29	47°31'19				
	-2369 Oct 25 j 01:42	0°♑		superior conj	-2366 May 19 j 17:37	7°♑17'07	0°-1'-13
greatest brilliancy	-2369 Nov 24 j 00:17	22°♑42'16	-4.7m	minimum elong	-2366 May 19 j 17:51	7°♑17'48	0°01'11
asc. node	-2369 Dec 03 j 10:09	25°♑37'27		behind sun begin	-2366 May 18 j 19:47	6°♑10'00	
retrograde	-2369 Dec 06 j 23:44	25°♑52'55		behind sun end	-2366 May 20 j 15:54	8°♑25'36	
evening set	-2369 Dec 22 j 07:09	21°♑10'20		asc. node	-2366 May 20 j 05:55	7°♑54'57	
min. Earth dist.	-2369 Dec 26 j 18:05	18°♑28'41	0.27255 AU		-2366 Jun 07 j 04:26	0°♒	
inferior conj	-2369 Dec 27 j 19:50	17°♑48'11	5°38'27	evening rise	-2366 Jun 24 j 09:09	21°♒14'02	
minimum elong	-2369 Dec 27 j 10:17	18°♑03'12	5°36'09		-2366 Jul 01 j 11:16	0°♓	
morning rise	-2368 Jan 01 j 14:05	14°♑53'48			-2366 Jul 25 j 16:39	0°♑	
direct	-2368 Jan 17 j 08:36	9°♑58'44			-2366 Aug 18 j 22:12	0°♒	
greatest brilliancy	-2368 Jan 27 j 22:46	12°♑03'09	-4.6m	desc. node	-2366 Sep 08 j 22:14	25°♒55'17	
	-2368 Feb 23 j 21:38	0°♑			-2366 Sep 12 j 05:45	0°♑	
morning max el	-2368 Mar 06 j 13:15	10°♑43'49	46°06'38		-2366 Oct 06 j 17:20	0°♒	
desc. node	-2368 Mar 24 j 03:23	28°♑34'19			-2366 Oct 31 j 12:33	0°♑	
	-2368 Mar 25 j 11:50	0°♒			-2366 Nov 26 j 00:13	0°♑	
	-2368 Apr 21 j 19:28	0°♑			-2366 Dec 23 j 05:53	0°♒	
	-2368 May 17 j 21:39	0°♑		evening max el	-2366 Dec 27 j 01:12	3°♒53'41	46°36'10
	-2368 Jun 12 j 06:42	0°♑		asc. node	-2366 Dec 30 j 22:00	7°♒44'42	
	-2368 Jul 07 j 02:50	0°♒			-2365 Jan 26 j 21:34	0°♑	
asc. node	-2368 Jul 15 j 03:40	9°♒49'38		greatest brilliancy	-2365 Jan 31 j 10:46	2°♑30'56	-4.6m
	-2368 Jul 31 j 12:20	0°♓		retrograde	-2365 Feb 15 j 06:29	6°♑27'53	
	-2368 Aug 24 j 13:42	0°♑		evening set	-2365 Mar 04 j 20:42	0°♑26'21	
morning set	-2368 Aug 30 j 16:15	7°♑39'42			-2365 Mar 05 j 13:49	30°♒	
	-2368 Sep 17 j 10:12	0°♒		inferior conj	-2365 Mar 08 j 14:17	28°♒05'32	7°50'49

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2365 Mar 08 j 20:21	27° \approx 55'53	7°50'12			-2363 Aug 09 j 07:16	0° Ω	
min. Earth dist.	-2365 Mar 08 j 12:26	28° \approx 08'28	0.29047 AU	evening rise		-2363 Sep 01 j 15:37	29° Ω 15'24	
morning rise	-2365 Mar 12 j 20:13	25° \approx 26'33				-2363 Sep 02 j 05:51	0° \mathfrak{M}	
direct	-2365 Mar 30 j 01:56	19° \approx 45'15				-2363 Sep 26 j 04:15	0° $\underline{\Omega}$	
greatest brilliancy	-2365 Apr 11 j 07:32	22° \approx 25'33	-4.5m	desc. node		-2363 Oct 06 j 10:15	12° $\underline{\Omega}$ 49'36	
desc. node	-2365 Apr 21 j 14:47	27° \approx 56'16				-2363 Oct 20 j 04:07	0° \mathfrak{M}	
	-2365 Apr 24 j 16:32	0° \mathfrak{H}				-2363 Nov 13 j 06:49	0° \mathfrak{A}	
morning max el	-2365 May 17 j 22:08	19° \mathfrak{H} 35'29	45°47'06			-2363 Dec 07 j 14:28	0° \mathfrak{C}	
	-2365 May 28 j 11:27	0° \mathfrak{Y}				-2362 Jan 01 j 07:40	0° \approx	
	-2365 Jun 25 j 09:48	0° \mathfrak{B}				-2362 Jan 26 j 19:51	0° \mathfrak{H}	
	-2365 Jul 21 j 11:31	0° \mathfrak{II}		asc. node		-2362 Jan 27 j 09:58	0° \mathfrak{H} 40'30	
asc. node	-2365 Aug 12 j 15:35	26° \mathfrak{II} 30'39				-2362 Feb 23 j 00:31	0° \mathfrak{Y}	
	-2365 Aug 15 j 12:32	0° \mathfrak{C}		evening max el		-2362 Mar 07 j 22:54	13° \mathfrak{Y} 02'14	45°22'39
	-2365 Sep 08 j 21:45	0° Ω				-2362 Mar 27 j 09:44	0° \mathfrak{B}	
	-2365 Oct 02 j 21:37	0° \mathfrak{M}		greatest brilliancy		-2362 Apr 11 j 03:16	9° \mathfrak{B} 10'53	-4.5m
	-2365 Oct 26 j 17:27	0° $\underline{\Omega}$		retrograde		-2362 Apr 25 j 09:05	12° \mathfrak{B} 42'59	
morning set	-2365 Nov 14 j 23:18	24° $\underline{\Omega}$ 14'43		evening set		-2362 May 10 j 12:10	8° \mathfrak{B} 21'23	
	-2365 Nov 19 j 13:04	0° \mathfrak{M}		inferior conj		-2362 May 16 j 20:32	4° \mathfrak{B} 34'36	0°31'21
desc. node	-2365 Dec 02 j 08:07	16° \mathfrak{M} 04'40		minimum elong		-2362 May 16 j 21:41	4° \mathfrak{B} 32'49	0°31'04
	-2365 Dec 13 j 10:32	0° \mathfrak{A}		min. Earth dist.		-2362 May 17 j 08:24	4° \mathfrak{B} 16'05	0.28946 AU
				desc. node		-2362 May 19 j 02:37	3° \mathfrak{B} 10'31	
superior conj	-2365 Dec 27 j 03:10	17° \mathfrak{A} 07'44	0°-53'-44	morning rise		-2362 May 23 j 06:40	0° \mathfrak{B} 43'30	
minimum elong	-2365 Dec 26 j 15:51	16° \mathfrak{A} 32'24	0°53'23			-2362 May 24 j 15:22	30° \mathfrak{R} \mathfrak{Y}	
max. Earth dist.	-2365 Dec 31 j 15:06	22° \mathfrak{A} 44'45	1.71767 AU	direct		-2362 Jun 07 j 14:09	26° \mathfrak{Y} 14'53	
	-2364 Jan 06 j 10:38	0° \mathfrak{C}		greatest brilliancy		-2362 Jun 21 j 22:21	29° \mathfrak{Y} 47'57	-4.5m
	-2364 Jan 30 j 13:47	0° \approx				-2362 Jun 22 j 08:37	0° \mathfrak{B}	
evening rise	-2364 Feb 05 j 14:06	7° \approx 26'59		morning max el		-2362 Jul 26 j 20:41	26° \mathfrak{B} 41'30	46°09'16
	-2364 Feb 23 j 20:37	0° \mathfrak{H}				-2362 Jul 30 j 05:18	0° \mathfrak{II}	
	-2364 Mar 19 j 08:12	0° \mathfrak{Y}				-2362 Aug 27 j 05:04	0° \mathfrak{C}	
asc. node	-2364 Mar 24 j 08:00	6° \mathfrak{Y} 04'52		asc. node		-2362 Sep 09 j 03:20	14° \mathfrak{C} 53'17	
	-2364 Apr 13 j 01:50	0° \mathfrak{B}				-2362 Sep 21 j 21:37	0° Ω	
	-2364 May 08 j 03:18	0° \mathfrak{II}				-2362 Oct 16 j 13:18	0° \mathfrak{M}	
	-2364 Jun 02 j 15:59	0° \mathfrak{C}				-2362 Nov 09 j 17:47	0° $\underline{\Omega}$	
	-2364 Jun 28 j 23:53	0° Ω				-2362 Dec 03 j 18:50	0° \mathfrak{M}	
desc. node	-2364 Jul 14 j 00:10	16° Ω 24'07				-2362 Dec 27 j 20:26	0° \mathfrak{A}	
	-2364 Jul 27 j 01:41	0° \mathfrak{M}		desc. node		-2362 Dec 29 j 20:07	2° \mathfrak{A} 28'22	
evening max el	-2364 Aug 01 j 13:53	5° \mathfrak{M} 28'31	46°40'27			-2361 Jan 21 j 00:02	0° \mathfrak{C}	
	-2364 Aug 31 j 02:25	0° $\underline{\Omega}$		morning set		-2361 Jan 30 j 20:48	12° \mathfrak{C} 13'31	
greatest brilliancy	-2364 Sep 10 j 01:03	4° $\underline{\Omega}$ 59'16	-4.6m			-2361 Feb 14 j 05:45	0° \approx	
retrograde	-2364 Sep 20 j 12:21	7° $\underline{\Omega}$ 00'13						
evening set	-2364 Oct 06 j 08:32	2° $\underline{\Omega}$ 08'59		superior conj		-2361 Mar 10 j 15:51	0° \mathfrak{H} 07'23	-1°-17'-51
	-2364 Oct 10 j 00:11	30° \mathfrak{R} \mathfrak{M}		minimum elong		-2361 Mar 10 j 22:38	0° \mathfrak{H} 28'16	1°17'45
inferior conj	-2364 Oct 11 j 01:42	29° \mathfrak{M} 21'15	-5°-43'-19			-2361 Mar 10 j 13:27	0° \mathfrak{H}	
minimum elong	-2364 Oct 11 j 12:12	29° \mathfrak{M} 05'17	5°40'43	max. Earth dist.		-2361 Mar 12 j 13:08	2° \mathfrak{H} 26'45	1.73301 AU
min. Earth dist.	-2364 Oct 11 j 10:20	29° \mathfrak{M} 08'08	0.26478 AU			-2361 Apr 03 j 23:01	0° \mathfrak{Y}	
morning rise	-2364 Oct 16 j 15:44	26° \mathfrak{M} 05'02		evening rise		-2361 Apr 16 j 19:05	15° \mathfrak{Y} 44'44	
direct	-2364 Oct 31 j 11:06	21° \mathfrak{M} 45'07		asc. node		-2361 Apr 21 j 19:58	21° \mathfrak{Y} 55'10	
asc. node	-2364 Nov 04 j 00:25	22° \mathfrak{M} 00'17				-2361 Apr 28 j 10:17	0° \mathfrak{B}	
greatest brilliancy	-2364 Nov 12 j 21:28	24° \mathfrak{M} 39'15	-4.7m			-2361 May 22 j 23:04	0° \mathfrak{II}	
	-2364 Nov 22 j 08:38	0° $\underline{\Omega}$				-2361 Jun 16 j 13:42	0° \mathfrak{C}	
morning max el	-2364 Dec 21 j 00:42	25° $\underline{\Omega}$ 03'16	46°46'11			-2361 Jul 11 j 07:34	0° Ω	
	-2364 Dec 25 j 20:21	0° \mathfrak{M}				-2361 Aug 05 j 07:25	0° \mathfrak{M}	
	-2363 Jan 22 j 06:56	0° \mathfrak{A}		desc. node		-2361 Aug 11 j 12:13	7° \mathfrak{M} 22'08	
	-2363 Feb 17 j 07:54	0° \mathfrak{C}				-2361 Aug 30 j 18:19	0° $\underline{\Omega}$	
desc. node	-2363 Feb 23 j 17:47	7° \mathfrak{C} 30'22				-2361 Sep 26 j 03:48	0° \mathfrak{M}	
	-2363 Mar 14 j 19:19	0° \approx		evening max el		-2361 Oct 14 j 11:00	19° \mathfrak{M} 28'57	47°31'25
	-2363 Apr 08 j 23:13	0° \mathfrak{H}				-2361 Oct 25 j 04:44	0° \mathfrak{A}	
	-2363 May 03 j 21:23	0° \mathfrak{Y}		greatest brilliancy		-2361 Nov 21 j 15:58	20° \mathfrak{A} 19'13	-4.7m
	-2363 May 28 j 14:03	0° \mathfrak{B}		asc. node		-2361 Dec 02 j 12:16	23° \mathfrak{A} 23'22	
asc. node	-2363 Jun 16 j 17:54	23° \mathfrak{B} 28'47		retrograde		-2361 Dec 04 j 14:01	23° \mathfrak{A} 28'40	
morning set	-2363 Jun 19 j 13:42	26° \mathfrak{B} 57'27		evening set		-2361 Dec 19 j 18:31	18° \mathfrak{A} 49'54	
	-2363 Jun 22 j 00:58	0° \mathfrak{II}		min. Earth dist.		-2361 Dec 24 j 08:17	16° \mathfrak{A} 04'43	0.27190 AU
	-2363 Jul 16 j 06:18	0° \mathfrak{C}		inferior conj		-2361 Dec 25 j 09:43	15° \mathfrak{A} 24'52	5°21'24
max. Earth dist.	-2363 Jul 21 j 18:17	6° \mathfrak{C} 50'48	1.72270 AU	minimum elong		-2361 Dec 25 j 00:19	15° \mathfrak{A} 39'36	5°19'03
				morning rise		-2361 Dec 30 j 06:46	12° \mathfrak{A} 26'54	
superior conj	-2363 Jul 26 j 02:19	12° \mathfrak{C} 15'04	1°15'19	direct		-2360 Jan 14 j 21:29	7° \mathfrak{A} 36'12	
minimum elong	-2363 Jul 25 j 19:03	11° \mathfrak{C} 52'23	1°15'13	greatest brilliancy		-2360 Jan 25 j 13:12	9° \mathfrak{A} 42'20	-4.6m

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2360 Feb 24 j 02:35	0°☾		desc. node	-2358 Sep 08 j 00:12	25°☾24'05	
morning max el	-2360 Mar 04 j 03:47	8°☾26'44	46°07'58		-2358 Sep 11 j 17:56	0°☾	
desc. node	-2360 Mar 23 j 05:20	27°☾52'09			-2358 Oct 06 j 06:09	0°☾	
	-2360 Mar 25 j 05:25	0°☾			-2358 Oct 31 j 02:19	0°☾	
	-2360 Apr 21 j 09:40	0°☾			-2358 Nov 25 j 15:51	0°☾	
	-2360 May 17 j 10:18	0°☾			-2358 Dec 23 j 02:31	0°☾	
	-2360 Jun 11 j 18:31	0°☾		evening max el	-2358 Dec 24 j 17:19	1°☾38'43	46°39'04
	-2360 Jul 06 j 14:12	0°☾		asc. node	-2358 Dec 30 j 00:11	6°☾53'11	
asc. node	-2360 Jul 14 j 05:47	9°☾21'38			-2357 Jan 28 j 11:42	0°☾	
	-2360 Jul 30 j 23:27	0°☾		greatest brilliancy	-2357 Jan 29 j 05:15	0°☾22'10	-4.6m
	-2360 Aug 24 j 00:43	0°☾		retrograde	-2357 Feb 12 j 23:28	4°☾17'05	
morning set	-2360 Aug 28 j 06:30	5°☾19'09			-2357 Feb 27 j 14:11	30°☾	
	-2360 Sep 16 j 21:13	0°☾		evening set	-2357 Mar 02 j 15:08	28°☾13'11	
				inferior conj	-2357 Mar 06 j 06:56	25°☾54'45	7°57'36
superior conj	-2360 Oct 06 j 11:38	24°☾43'01	0°58'38	minimum elong	-2357 Mar 06 j 12:27	25°☾45'57	7°57'04
minimum elong	-2360 Oct 06 j 22:45	25°☾18'07	0°58'15	min. Earth dist.	-2357 Mar 06 j 03:45	25°☾59'49	0.29017 AU
max. Earth dist.	-2360 Oct 07 j 00:37	25°☾23'59	1.70954 AU	morning rise	-2357 Mar 10 j 10:00	23°☾19'51	
	-2360 Oct 10 j 16:09	0°☾		direct	-2357 Mar 27 j 18:26	17°☾35'17	
desc. node	-2360 Nov 02 j 22:17	29°☾17'17		greatest brilliancy	-2357 Apr 08 j 20:00	20°☾11'36	-4.5m
	-2360 Nov 03 j 11:52	0°☾		desc. node	-2357 Apr 20 j 16:55	26°☾42'24	
evening rise	-2360 Nov 17 j 11:52	17°☾35'08			-2357 Apr 25 j 08:36	0°☾	
	-2360 Nov 27 j 09:38	0°☾		morning max el	-2357 May 15 j 13:55	17°☾24'59	45°46'54
	-2360 Dec 21 j 10:21	0°☾			-2357 May 28 j 06:25	0°☾	
	-2359 Jan 14 j 15:31	0°☾			-2357 Jun 25 j 00:32	0°☾	
	-2359 Feb 08 j 03:53	0°☾			-2357 Jul 21 j 00:32	0°☾	
asc. node	-2359 Feb 23 j 21:57	18°☾59'29		asc. node	-2357 Aug 11 j 17:39	25°☾59'46	
	-2359 Mar 05 j 03:45	0°☾			-2357 Aug 15 j 00:43	0°☾	
	-2359 Mar 30 j 21:56	0°☾			-2357 Sep 08 j 09:30	0°☾	
	-2359 Apr 27 j 00:49	0°☾			-2357 Oct 02 j 09:10	0°☾	
evening max el	-2359 May 17 j 21:32	21°☾08'55	45°22'41		-2357 Oct 26 j 04:53	0°☾	
	-2359 May 27 j 14:17	0°☾		morning set	-2357 Nov 12 j 09:09	21°☾38'55	
desc. node	-2359 Jun 15 j 14:31	14°☾12'27			-2357 Nov 19 j 00:25	0°☾	
greatest brilliancy	-2359 Jun 23 j 17:41	18°☾15'30	-4.5m	desc. node	-2357 Dec 01 j 10:17	15°☾35'56	
retrograde	-2359 Jul 05 j 14:48	20°☾44'23			-2357 Dec 12 j 21:48	0°☾	
evening set	-2359 Jul 22 j 09:13	15°☾28'07					
inferior conj	-2359 Jul 26 j 17:22	12°☾52'53	-7°-54'-55	superior conj	-2357 Dec 24 j 13:21	14°☾34'31	0°-50'-40
minimum elong	-2359 Jul 26 j 09:02	13°☾05'35	7°53'47	minimum elong	-2357 Dec 24 j 02:15	13°☾59'52	0°50'19
min. Earth dist.	-2359 Jul 27 j 01:41	12°☾40'14	0.27970 AU	max. Earth dist.	-2357 Dec 29 j 03:56	20°☾19'56	1.71707 AU
morning rise	-2359 Jul 30 j 08:39	10°☾41'38			-2356 Jan 05 j 21:50	0°☾	
direct	-2359 Aug 16 j 23:47	4°☾51'49			-2356 Jan 30 j 00:56	0°☾	
greatest brilliancy	-2359 Aug 31 j 06:53	8°☾32'06	-4.6m	evening rise	-2356 Feb 03 j 03:28	5°☾05'18	
	-2359 Sep 28 j 16:25	0°☾			-2356 Feb 23 j 07:47	0°☾	
morning max el	-2359 Oct 06 j 13:24	7°☾45'26	46°47'12		-2356 Mar 18 j 19:32	0°☾	
asc. node	-2359 Oct 06 j 14:51	7°☾49'07		asc. node	-2356 Mar 23 j 10:01	5°☾36'20	
	-2359 Oct 27 j 04:58	0°☾			-2356 Apr 12 j 13:34	0°☾	
	-2359 Nov 22 j 00:28	0°☾			-2356 May 07 j 15:47	0°☾	
	-2359 Dec 16 j 22:43	0°☾			-2356 Jun 02 j 05:46	0°☾	
	-2358 Jan 10 j 14:01	0°☾			-2356 Jun 28 j 16:09	0°☾	
desc. node	-2358 Jan 26 j 07:59	19°☾13'48		desc. node	-2356 Jul 13 j 02:18	15°☾39'59	
	-2358 Feb 04 j 03:39	0°☾			-2356 Jul 27 j 00:10	0°☾	
	-2358 Feb 28 j 17:06	0°☾		evening max el	-2356 Jul 30 j 01:59	3°☾01'51	46°37'24
	-2358 Mar 25 j 06:23	0°☾			-2356 Sep 01 j 22:58	0°☾	
morning set	-2358 Apr 11 j 08:40	20°☾54'16		greatest brilliancy	-2356 Sep 07 j 15:06	2°☾31'39	-4.6m
	-2358 Apr 18 j 19:00	0°☾		retrograde	-2356 Sep 17 j 23:23	4°☾29'55	
	-2358 May 13 j 06:13	0°☾			-2356 Oct 03 j 05:16	30°☾	
max. Earth dist.	-2358 May 15 j 09:31	2°☾37'30	1.73625 AU	evening set	-2356 Oct 03 j 23:45	29°☾34'20	
				inferior conj	-2356 Oct 08 j 13:41	26°☾51'21	-6°-1'-53
superior conj	-2358 May 17 j 12:13	5°☾13'17	0°-4'-19	minimum elong	-2356 Oct 09 j 00:22	26°☾35'06	5°59'19
minimum elong	-2358 May 17 j 13:04	5°☾15'53	0°04'15	min. Earth dist.	-2356 Oct 08 j 23:44	26°☾36'04	0.26510 AU
behind sun begin	-2358 May 16 j 15:35	4°☾09'52		morning rise	-2356 Oct 14 j 00:44	23°☾38'50	
behind sun end	-2358 May 18 j 10:33	6°☾21'55		direct	-2356 Oct 28 j 22:57	19°☾14'30	
asc. node	-2358 May 19 j 08:05	7°☾28'03		asc. node	-2356 Nov 03 j 02:37	19°☾45'56	
	-2358 Jun 06 j 15:21	0°☾		greatest brilliancy	-2356 Nov 10 j 12:20	22°☾11'11	-4.7m
evening rise	-2358 Jun 22 j 03:54	19°☾09'35			-2356 Nov 23 j 10:22	0°☾	
	-2358 Jun 30 j 22:20	0°☾		morning max el	-2356 Dec 18 j 12:54	22°☾33'13	46°47'13
	-2358 Jul 25 j 04:00	0°☾			-2356 Dec 25 j 17:40	0°☾	
	-2358 Aug 18 j 09:55	0°☾			-2355 Jan 21 j 23:02	0°☾	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2355 Feb 16 j 21:46	0°☾				-2353 Aug 30 j 09:26	0°♊	
desc. node	-2355 Feb 22 j 19:44	6°☾56'31				-2353 Sep 25 j 22:19	0°♋	
	-2355 Mar 14 j 07:57	0°♌		evening max el		-2353 Oct 12 j 01:49	17°♋06'00	47°31'30
	-2355 Apr 08 j 11:05	0°♍				-2353 Oct 25 j 10:01	0°♎	
	-2355 May 03 j 08:47	0°♏		greatest brilliancy		-2353 Nov 19 j 07:13	17°♏54'19	-4.7m
	-2355 May 28 j 01:12	0°♐		asc. node		-2353 Dec 01 j 14:24	21°♏02'30	
asc. node	-2355 Jun 15 j 20:02	23°♐01'16		retrograde		-2353 Dec 02 j 04:40	21°♏02'56	
morning set	-2355 Jun 17 j 07:49	24°♐51'20		evening set		-2353 Dec 17 j 05:55	16°♏27'49	
	-2355 Jun 21 j 12:01	0°♑		min. Earth dist.		-2353 Dec 21 j 22:04	13°♏39'36	0.27119 AU
	-2355 Jul 15 j 17:23	0°☾		inferior conj		-2353 Dec 22 j 23:23	13°♏00'03	5°03'36
max. Earth dist.	-2355 Jul 19 j 11:23	4°☾40'03	1.72334 AU	minimum elong		-2353 Dec 27 j 14:13	13°♏14'24	5°01'14
				morning rise		-2353 Dec 27 j 23:13	9°♏58'45	
superior conj	-2355 Jul 23 j 19:15	10°☾03'38	1°13'48	direct		-2352 Jan 12 j 10:39	5°♏12'27	
minimum elong	-2355 Jul 23 j 11:37	9°☾39'49	1°13'40	greatest brilliancy		-2352 Jan 23 j 02:30	7°♏19'21	-4.6m
	-2355 Aug 08 j 18:25	0°♒				-2352 Feb 24 j 06:00	0°☾	
evening rise	-2355 Aug 30 j 05:10	26°♒52'02		morning max el		-2352 Mar 01 j 18:58	6°☾10'47	46°09'19
	-2355 Sep 01 j 17:09	0°♓		desc. node		-2352 Mar 22 j 07:28	27°☾10'34	
	-2355 Sep 25 j 15:44	0°♈				-2352 Mar 24 j 22:46	0°♌	
desc. node	-2355 Oct 05 j 12:19	12°♈19'52				-2352 Apr 20 j 23:51	0°♍	
	-2355 Oct 19 j 15:51	0°♎				-2352 May 16 j 22:58	0°♏	
	-2355 Nov 12 j 18:51	0°♐				-2352 Jun 11 j 06:23	0°♑	
	-2355 Dec 07 j 02:54	0°☾				-2352 Jul 06 j 01:37	0°♒	
	-2355 Dec 31 j 20:48	0°♌		asc. node		-2352 Jul 13 j 07:52	8°♒53'15	
asc. node	-2354 Jan 26 j 11:59	0°♍04'18				-2352 Jul 30 j 10:38	0°☾	
	-2354 Jan 26 j 10:29	0°♎				-2352 Aug 23 j 11:51	0°♒	
	-2354 Feb 22 j 19:03	0°♏		morning set		-2352 Aug 25 j 20:57	2°♒59'00	
evening max el	-2354 Mar 05 j 13:40	10°♏48'28	45°24'23			-2352 Sep 16 j 08:24	0°♓	
	-2354 Mar 28 j 00:14	0°♐						
greatest brilliancy	-2354 Apr 08 j 16:52	6°♐59'19	-4.5m	superior conj		-2352 Oct 03 j 22:39	22°♓10'58	1°01'21
retrograde	-2354 Apr 23 j 01:37	10°♐35'21		minimum elong		-2352 Oct 04 j 09:42	22°♓45'49	1°00'58
evening set	-2354 May 08 j 05:42	6°♐11'28		max. Earth dist.		-2352 Oct 04 j 07:43	22°♓39'33	1.70971 AU
inferior conj	-2354 May 14 j 13:05	2°♐26'09	0°50'43			-2352 Oct 10 j 03:25	0°♈	
minimum elong	-2354 May 14 j 14:56	2°♐23'16	0°50'13	desc. node		-2352 Nov 02 j 00:28	28°♈48'33	
min. Earth dist.	-2354 May 15 j 01:15	2°♐07'10	0.28973 AU			-2352 Nov 02 j 23:12	0°♎	
desc. node	-2354 May 18 j 04:45	0°♐11'00		evening rise		-2352 Nov 14 j 20:42	14°♎56'40	
	-2354 May 18 j 12:05	30°♑				-2352 Nov 26 j 21:01	0°♏	
morning rise	-2354 May 20 j 23:36	28°♑34'30				-2352 Dec 20 j 21:47	0°☾	
direct	-2354 Jun 05 j 06:24	24°♑05'43				-2351 Jan 14 j 03:07	0°♌	
greatest brilliancy	-2354 Jun 19 j 15:21	27°♑39'25	-4.5m			-2351 Feb 07 j 15:50	0°♍	
	-2354 Jun 24 j 03:38	0°♒		asc. node		-2351 Feb 23 j 00:01	18°♍28'52	
morning max el	-2354 Jul 24 j 12:55	24°♒29'54	46°07'55			-2351 Mar 04 j 16:24	0°♏	
	-2354 Jul 30 j 02:09	0°♒				-2351 Mar 30 j 12:01	0°♑	
	-2354 Aug 26 j 20:38	0°☾				-2351 Apr 26 j 18:15	0°♒	
asc. node	-2354 Sep 08 j 05:22	14°☾17'05		evening max el		-2351 May 15 j 13:26	18°♒57'29	45°21'17
	-2354 Sep 21 j 11:13	0°♒				-2351 May 27 j 19:50	0°☾	
	-2354 Oct 16 j 01:58	0°♓		desc. node		-2351 Jun 14 j 16:37	12°☾48'22	
	-2354 Nov 09 j 05:56	0°♈		greatest brilliancy		-2351 Jun 21 j 05:38	15°☾57'29	-4.5m
	-2354 Dec 03 j 06:39	0°♎		retrograde		-2351 Jul 03 j 04:47	18°☾27'55	
	-2354 Dec 27 j 08:00	0°♏		evening set		-2351 Jul 19 j 19:52	13°☾16'56	
desc. node	-2354 Dec 28 j 22:11	1°♏58'52		inferior conj		-2351 Jul 24 j 07:47	10°☾36'00	-7°-44'-42
	-2353 Jan 20 j 11:23	0°☾		minimum elong		-2351 Jul 23 j 23:00	10°☾49'25	7°43'24
morning set	-2353 Jan 28 j 09:12	9°☾48'18		min. Earth dist.		-2351 Jul 24 j 15:34	10°☾24'06	0.28013 AU
	-2353 Feb 13 j 16:55	0°♌		morning rise		-2351 Jul 28 j 01:53	8°☾20'18	
				direct		-2351 Aug 14 j 15:13	2°☾34'25	
superior conj	-2353 Mar 08 j 07:59	27°♌55'14	-1°-19'-4	greatest brilliancy		-2351 Aug 28 j 21:04	6°☾12'57	-4.6m
minimum elong	-2353 Mar 08 j 14:15	28°♌14'34	1°19'00			-2351 Sep 28 j 17:39	0°♒	
	-2353 Mar 10 j 00:30	0°♍		morning max el		-2351 Oct 04 j 03:32	5°♒22'55	46°46'02
max. Earth dist.	-2353 Mar 10 j 06:06	0°♎17'16	1.73259 AU	asc. node		-2351 Oct 05 j 17:07	6°♒58'48	
	-2353 Apr 03 j 10:02	0°♏				-2351 Oct 26 j 22:04	0°♓	
evening rise	-2353 Apr 14 j 13:21	13°♏39'52				-2351 Nov 21 j 14:56	0°♈	
asc. node	-2353 Apr 20 j 22:10	21°♏28'05				-2351 Dec 16 j 11:53	0°♎	
	-2353 Apr 27 j 21:21	0°♑				-2350 Jan 10 j 02:23	0°♏	
	-2353 May 22 j 10:21	0°♒		desc. node		-2350 Jan 25 j 10:01	18°♏43'18	
	-2353 Jun 16 j 01:24	0°☾				-2350 Feb 03 j 15:27	0°☾	
	-2353 Jul 10 j 19:56	0°♒				-2350 Feb 28 j 04:29	0°♌	
	-2353 Aug 04 j 20:50	0°♓				-2350 Mar 24 j 17:28	0°♍	
desc. node	-2353 Aug 10 j 14:08	6°♓47'12		morning set		-2350 Apr 09 j 02:40	18°♍49'02	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2350 Apr 18 j 05:54	0°♄		retrograde	-2348 Sep 15 j 10:45	2°♊01'48	
	-2350 May 12 j 17:02	0°♄			-2348 Sep 25 j 12:51	30°♋♊	
max. Earth dist.	-2350 May 13 j 07:02	0°♄42'58	1.73640 AU	evening set	-2348 Oct 01 j 15:10	27°♋01'24	
				inferior conj	-2348 Oct 06 j 01:52	24°♋23'22	-6°-19'-25
superior conj	-2350 May 15 j 07:01	3°♄10'21	0°-7'-23	minimum elong	-2348 Oct 06 j 12:39	24°♋06'59	6°16'57
minimum elong	-2350 May 15 j 08:28	3°♄14'49	0°07'17	min. Earth dist.	-2348 Oct 06 j 13:14	24°♋06'07	0.26545 AU
behind sun begin	-2350 May 14 j 12:36	2°♄13'45		morning rise	-2348 Oct 11 j 09:48	21°♋15'05	
behind sun end	-2350 May 16 j 04:21	4°♄15'53		direct	-2348 Oct 26 j 11:03	16°♋45'40	
asc. node	-2350 May 18 j 10:11	7°♄01'17		asc. node	-2348 Nov 02 j 04:39	17°♋38'46	
	-2350 Jun 06 j 02:12	0°♊		greatest brilliancy	-2348 Nov 08 j 03:54	19°♋45'52	-4.7m
evening rise	-2350 Jun 19 j 23:00	17°♊06'34			-2348 Nov 24 j 04:37	0°♊	
	-2350 Jun 30 j 09:19	0°♊		morning max el	-2348 Dec 16 j 01:50	20°♊06'18	46°48'10
	-2350 Jul 24 j 15:13	0°♋			-2348 Dec 25 j 13:50	0°♋	
	-2350 Aug 17 j 21:29	0°♋			-2347 Jan 21 j 14:31	0°♌	
desc. node	-2350 Sep 07 j 02:22	24°♋54'00			-2347 Feb 16 j 11:13	0°♌	
	-2350 Sep 11 j 05:59	0°♌		desc. node	-2347 Feb 21 j 21:52	6°♌24'10	
	-2350 Oct 05 j 18:52	0°♌			-2347 Mar 13 j 20:16	0°♍	
	-2350 Oct 30 j 16:07	0°♌			-2347 Apr 07 j 22:40	0°♍	
	-2350 Nov 25 j 07:44	0°♍			-2347 May 02 j 19:54	0°♎	
evening max el	-2350 Dec 22 j 08:46	29°♍21'34	46°41'50		-2347 May 27 j 12:03	0°♎	
	-2350 Dec 22 j 23:59	0°♍		asc. node	-2347 Jun 14 j 22:02	22°♎34'21	
asc. node	-2350 Dec 29 j 02:13	6°♍00'02		morning set	-2347 Jun 15 j 01:54	22°♎46'14	
greatest brilliancy	-2349 Jan 27 j 00:03	28°♍13'06	-4.6m		-2347 Jun 20 j 22:45	0°♏	
	-2349 Jan 31 j 01:41	0°♍			-2347 Jul 15 j 04:07	0°♏	
retrograde	-2349 Feb 10 j 15:54	2°♍05'37		max. Earth dist.	-2347 Jul 17 j 06:15	2°♏35'58	1.72396 AU
	-2349 Feb 20 j 18:37	30°♍♋					
evening set	-2349 Feb 28 j 09:14	25°♍59'47		superior conj	-2347 Jul 21 j 12:18	7°♏53'43	1°12'09
inferior conj	-2349 Mar 03 j 23:26	23°♍43'36	8°03'40	minimum elong	-2347 Jul 21 j 04:20	7°♏28'53	1°12'01
minimum elong	-2349 Mar 04 j 04:22	23°♍35'43	8°03'15		-2347 Aug 08 j 05:15	0°♐	
min. Earth dist.	-2349 Mar 03 j 19:16	23°♍50'16	0.28980 AU	evening rise	-2347 Aug 27 j 19:10	24°♐31'13	
morning rise	-2349 Mar 07 j 23:44	21°♍12'36			-2347 Sep 01 j 04:08	0°♑	
direct	-2349 Mar 25 j 10:16	15°♍24'59			-2347 Sep 25 j 02:54	0°♑	
greatest brilliancy	-2349 Apr 06 j 08:50	17°♍57'55	-4.5m	desc. node	-2347 Oct 04 j 14:30	11°♑51'32	
desc. node	-2349 Apr 19 j 19:07	25°♍30'52			-2347 Oct 19 j 03:14	0°♒	
	-2349 Apr 25 j 20:30	0°♍			-2347 Nov 12 j 06:29	0°♒	
morning max el	-2349 May 13 j 04:53	15°♍12'49	45°46'52		-2347 Dec 06 j 14:57	0°♓	
	-2349 May 28 j 00:42	0°♎			-2347 Dec 31 j 09:35	0°♓	
	-2349 Jun 24 j 14:52	0°♎		asc. node	-2346 Jan 25 j 14:03	29°♓29'07	
	-2349 Jul 20 j 13:14	0°♏			-2346 Jan 26 j 00:53	0°♓	
asc. node	-2349 Aug 10 j 19:39	25°♏29'31			-2346 Feb 22 j 13:44	0°♓	
	-2349 Aug 14 j 12:36	0°♏		evening max el	-2346 Mar 03 j 05:14	8°♓37'27	45°26'03
	-2349 Sep 07 j 20:59	0°♐			-2346 Mar 28 j 19:24	0°♓	
	-2349 Oct 01 j 20:25	0°♑		greatest brilliancy	-2346 Apr 06 j 06:49	4°♓48'46	-4.5m
	-2349 Oct 25 j 16:02	0°♑		retrograde	-2346 Apr 20 j 18:27	8°♓28'07	
morning set	-2349 Nov 09 j 19:23	19°♑05'01		evening set	-2346 May 05 j 23:19	4°♓01'55	
	-2349 Nov 18 j 11:30	0°♒		inferior conj	-2346 May 12 j 05:31	0°♓18'04	1°10'03
desc. node	-2349 Nov 30 j 12:20	15°♒07'38		minimum elong	-2346 May 12 j 08:03	0°♓14'07	1°09'21
	-2349 Dec 12 j 08:51	0°♒		min. Earth dist.	-2346 May 12 j 17:43	29°♓59'04	0.28998 AU
					-2346 May 12 j 17:06	30°♓♎	
superior conj	-2349 Dec 21 j 23:23	12°♒01'24	0°-47'-29	desc. node	-2346 May 17 j 06:46	27°♓13'32	
minimum elong	-2349 Dec 21 j 12:38	11°♒27'46	0°47'08	morning rise	-2346 May 18 j 16:19	26°♓26'15	
max. Earth dist.	-2349 Dec 26 j 13:38	17°♒45'54	1.71655 AU	direct	-2346 Jun 02 j 23:03	21°♓57'07	
	-2348 Jan 05 j 08:51	0°♓		greatest brilliancy	-2346 Jun 17 j 07:58	25°♓31'17	-4.5m
	-2348 Jan 29 j 11:55	0°♓			-2346 Jun 25 j 08:44	0°♓	
evening rise	-2348 Jan 31 j 16:17	2°♓42'14		morning max el	-2346 Jul 22 j 05:40	22°♓20'46	46°06'39
	-2348 Feb 22 j 18:48	0°♓			-2346 Jul 29 j 21:57	0°♔	
	-2348 Mar 18 j 06:42	0°♓			-2346 Aug 26 j 11:35	0°♔	
asc. node	-2348 Mar 22 j 12:13	5°♓08'52		asc. node	-2346 Sep 07 j 07:36	13°♔42'51	
	-2348 Apr 12 j 01:08	0°♓			-2346 Sep 21 j 00:20	0°♕	
	-2348 May 07 j 04:05	0°♔			-2346 Oct 15 j 14:12	0°♔	
	-2348 Jun 01 j 19:24	0°♔			-2346 Nov 08 j 17:41	0°♕	
	-2348 Jun 28 j 08:24	0°♕			-2346 Dec 02 j 18:05	0°♕	
desc. node	-2348 Jul 12 j 04:19	14°♕55'48			-2346 Dec 26 j 19:11	0°♌	
	-2348 Jul 26 j 23:10	0°♕		desc. node	-2346 Dec 28 j 00:13	1°♌30'27	
evening max el	-2348 Jul 27 j 13:50	0°♕35'47	46°34'25		-2345 Jan 19 j 22:20	0°♌	
	-2348 Sep 04 j 23:06	0°♕		morning set	-2345 Jan 25 j 21:42	7°♌24'31	
greatest brilliancy	-2348 Sep 05 j 04:39	0°♕05'06	-4.6m		-2345 Feb 13 j 03:42	0°♍	

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:41, page 12

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2345 Mar 06 j 00:02	25° 33 43'52	-1°-20'-10	greatest brilliancy	-2343 Aug 26 j 11:46	3° 55 54'27	-4.6m
minimum elong	-2345 Mar 06 j 05:46	26° 33 01'32	1°20'08		-2343 Sep 28 j 17:39	0° 00	
max. Earth dist.	-2345 Mar 08 j 00:46	28° 33 13'58	1.73223 AU	morning max el	-2343 Oct 01 j 16:32	2° 00 57'46	46°45'01
	-2345 Mar 09 j 11:11	0° 00		asc. node	-2343 Oct 04 j 19:10	6° 00 08'59	
	-2345 Apr 02 j 20:43	0° 00			-2343 Oct 26 j 14:43	0° 00	
evening rise	-2345 Apr 12 j 07:29	11° 00 35'32			-2343 Nov 21 j 05:04	0° 00	
asc. node	-2345 Apr 20 j 00:15	21° 00 01'34			-2343 Dec 16 j 00:46	0° 00	
	-2345 Apr 27 j 08:09	0° 00			-2342 Jan 09 j 14:31	0° 00	
	-2345 May 21 j 21:24	0° 00		desc. node	-2342 Jan 24 j 12:08	18° 00 13'38	
	-2345 Jun 15 j 12:51	0° 00			-2342 Feb 03 j 03:04	0° 00	
	-2345 Jul 10 j 08:03	0° 00			-2342 Feb 27 j 15:44	0° 00	
	-2345 Aug 04 j 10:00	0° 00			-2342 Mar 24 j 04:26	0° 00	
desc. node	-2345 Aug 09 j 16:18	6° 00 13'49		morning set	-2342 Apr 06 j 20:44	16° 00 44'22	
	-2345 Aug 30 j 00:23	0° 00			-2342 Apr 17 j 16:40	0° 00	
	-2345 Sep 25 j 16:53	0° 00		max. Earth dist.	-2342 May 11 j 03:44	28° 00 46'23	1.73656 AU
evening max el	-2345 Oct 09 j 17:29	14° 00 46'19	47°31'24		-2342 May 12 j 03:43	0° 00	
	-2345 Oct 25 j 16:54	0° 00					
greatest brilliancy	-2345 Nov 16 j 22:46	15° 00 13'047	-4.7m	superior conj	-2342 May 13 j 01:58	1° 00 08'19	0°-10'-25
retrograde	-2345 Nov 29 j 19:28	18° 00 13'7'52		minimum elong	-2342 May 13 j 04:01	1° 00 14'37	0°10'18
asc. node	-2345 Nov 30 j 16:28	18° 00 13'6'54		behind sun begin	-2342 May 12 j 11:01	0° 00 22'22	
evening set	-2345 Dec 14 j 17:29	14° 00 13'06'27		behind sun end	-2342 May 13 j 21:02	2° 00 06'52	
min. Earth dist.	-2345 Dec 19 j 11:47	11° 00 13'15'19	0.27048 AU	asc. node	-2342 May 17 j 12:13	6° 00 34'39	
inferior conj	-2345 Dec 20 j 13:00	10° 00 13'36'01	4°45'08		-2342 Jun 05 j 12:57	0° 00	
minimum elong	-2345 Dec 20 j 04:07	10° 00 13'49'52	4°42'45	evening rise	-2342 Jun 17 j 18:13	15° 00 11'04'12	
morning rise	-2345 Dec 25 j 15:32	7° 00 13'1'23			-2342 Jun 29 j 20:15	0° 00	
direct	-2344 Jan 10 j 00:10	2° 00 13'49'41			-2342 Jul 24 j 02:28	0° 00	
greatest brilliancy	-2344 Jan 20 j 15:06	4° 00 13'56'25	-4.6m		-2342 Aug 17 j 09:07	0° 00	
	-2344 Feb 24 j 07:26	0° 00		desc. node	-2342 Sep 06 j 04:29	24° 00 11'23'38	
morning max el	-2344 Feb 28 j 09:56	3° 00 13'55'18	46°10'39		-2342 Sep 10 j 18:06	0° 00	
desc. node	-2344 Mar 21 j 09:40	26° 00 13'30'42			-2342 Oct 05 j 07:40	0° 00	
	-2344 Mar 24 j 15:22	0° 00			-2342 Oct 30 j 06:01	0° 00	
	-2344 Apr 20 j 13:32	0° 00			-2342 Nov 24 j 23:49	0° 00	
	-2344 May 16 j 11:18	0° 00		evening max el	-2342 Dec 19 j 23:11	27° 00 11'45	46°44'38
	-2344 Jun 10 j 17:58	0° 00			-2342 Dec 22 j 22:11	0° 00	
	-2344 Jul 05 j 12:47	0° 00		asc. node	-2342 Dec 28 j 04:20	5° 00 06'11	
asc. node	-2344 Jul 12 j 09:58	8° 00 13'25'36		greatest brilliancy	-2341 Jan 24 j 18:11	26° 00 03'00	-4.6m
	-2344 Jul 29 j 21:36	0° 00		retrograde	-2341 Feb 08 j 08:05	29° 00 05'4'14	
	-2344 Aug 22 j 22:44	0° 00		evening set	-2341 Feb 26 j 03:07	23° 00 06'46'35	
morning set	-2344 Aug 23 j 11:23	0° 00 13'39'37		inferior conj	-2341 Mar 01 j 15:59	21° 00 03'32'26	8°09'02
	-2344 Sep 15 j 19:18	0° 00		minimum elong	-2341 Mar 01 j 20:16	21° 00 05'25'35	8°08'43
				min. Earth dist.	-2341 Mar 01 j 11:01	21° 00 07'40'23	0.28943 AU
superior conj	-2344 Oct 01 j 09:52	19° 00 13'40'29	1°03'55	morning rise	-2341 Mar 05 j 13:37	19° 00 08'05'13	
minimum elong	-2344 Oct 01 j 20:44	20° 00 13'14'46	1°03'34	direct	-2341 Mar 23 j 01:42	13° 00 14'14'25	
max. Earth dist.	-2344 Oct 01 j 12:43	19° 00 13'49'28	1.70986 AU	greatest brilliancy	-2341 Apr 03 j 22:46	15° 00 04'45'21	-4.5m
	-2344 Oct 09 j 14:24	0° 00		desc. node	-2341 Apr 18 j 21:05	24° 00 06'20'51	
desc. node	-2344 Nov 01 j 02:28	28° 00 13'20'04			-2341 Apr 26 j 05:18	0° 00	
	-2344 Nov 02 j 10:15	0° 00		morning max el	-2341 May 10 j 19:45	13° 00 11'00'21	45°47'02
evening rise	-2344 Nov 12 j 05:32	12° 00 13'18'58			-2341 May 27 j 18:32	0° 00	
	-2344 Nov 26 j 08:08	0° 00			-2341 Jun 24 j 05:03	0° 00	
	-2344 Dec 20 j 09:01	0° 00			-2341 Jul 20 j 01:53	0° 00	
	-2343 Jan 13 j 14:31	0° 00		asc. node	-2341 Aug 09 j 21:54	24° 00 11'59'49	
	-2343 Feb 07 j 03:34	0° 00			-2341 Aug 14 j 00:32	0° 00	
asc. node	-2343 Feb 22 j 02:15	17° 00 13'59'27			-2341 Sep 07 j 08:34	0° 00	
	-2343 Mar 04 j 04:50	0° 00			-2341 Oct 01 j 07:50	0° 00	
	-2343 Mar 30 j 01:58	0° 00			-2341 Oct 25 j 03:20	0° 00	
	-2343 Apr 26 j 11:49	0° 00		morning set	-2341 Nov 07 j 05:19	16° 00 11'29'35	
evening max el	-2343 May 13 j 04:26	16° 00 13'44'22	45°19'43		-2341 Nov 17 j 22:43	0° 00	
	-2343 May 28 j 03:30	0° 00		desc. node	-2341 Nov 29 j 14:24	14° 00 13'38'55	
desc. node	-2343 Jun 13 j 18:38	11° 00 13'21'23			-2341 Dec 11 j 20:01	0° 00	
greatest brilliancy	-2343 Jun 18 j 18:12	13° 00 13'20'14	-4.5m				
retrograde	-2343 Jun 30 j 18:06	16° 00 13'11'29		superior conj	-2341 Dec 19 j 09:06	9° 00 13'26'50	0°-44'-11
evening set	-2343 Jul 17 j 06:23	11° 00 13'05'48		minimum elong	-2341 Dec 18 j 22:46	8° 00 13'54'31	0°43'49
inferior conj	-2343 Jul 21 j 22:04	8° 00 13'19'15	-7°-33'-37	max. Earth dist.	-2341 Dec 23 j 21:18	15° 00 13'05'08	1.71600 AU
minimum elong	-2343 Jul 21 j 12:53	8° 00 13'33'19	7°32'11		-2340 Jan 04 j 19:59	0° 00	
min. Earth dist.	-2343 Jul 22 j 05:47	8° 00 13'27'26	0.28055 AU		-2340 Jan 28 j 23:01	0° 00	
morning rise	-2343 Jul 25 j 19:07	5° 00 13'58'56		evening rise	-2340 Jan 29 j 04:58	0° 00 18'25	
direct	-2343 Aug 12 j 06:06	0° 00			-2340 Feb 22 j 05:57	0° 00	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2340 Mar 17 j 18:02	0°♈					-2338 Sep 20 j 13:38	0°♏			
asc. node	-2340 Mar 21 j 14:17	4°♈40'33					-2338 Oct 15 j 02:41	0°♍			
	-2340 Apr 11 j 12:52	0°♉					-2338 Nov 08 j 05:44	0°♌			
	-2340 May 06 j 16:35	0°♊					-2338 Dec 02 j 05:51	0°♋			
	-2340 Jun 01 j 09:17	0°♋					-2338 Dec 26 j 06:44	0°♊			
	-2340 Jun 28 j 01:03	0°♌				desc. node	-2338 Dec 27 j 02:24	1°♊01'15			
desc. node	-2340 Jul 11 j 06:29	14°♌11'02					-2337 Jan 19 j 09:41	0°♋			
evening max el	-2340 Jul 25 j 01:42	28°♌09'33	46°31'20			morning set	-2337 Jan 23 j 09:41	4°♋57'46			
	-2340 Jul 26 j 23:24	0°♍					-2337 Feb 12 j 14:53	0°♎			
greatest brilliancy	-2340 Sep 02 j 16:45	27°♍36'12	-4.6m								
retrograde	-2340 Sep 12 j 22:22	29°♍32'43				superior conj	-2337 Mar 03 j 15:36	23°♎29'42	-1°-21'-10		
evening set	-2340 Sep 29 j 06:26	24°♍27'02				minimum elong	-2337 Mar 03 j 20:44	23°♎45'33	1°21'08		
inferior conj	-2340 Oct 03 j 13:52	21°♍53'59	-6°-36'-12			max. Earth dist.	-2337 Mar 05 j 20:42	26°♎13'22	1.73180 AU		
minimum elong	-2340 Oct 04 j 00:40	21°♍37'37	6°33'51				-2337 Mar 08 j 22:15	0°♏			
min. Earth dist.	-2340 Oct 04 j 02:12	21°♍35'18	0.26588 AU				-2337 Apr 02 j 07:46	0°♈			
morning rise	-2340 Oct 08 j 18:33	18°♍50'29				evening rise	-2337 Apr 10 j 01:21	9°♈29'17			
direct	-2340 Oct 23 j 23:28	14°♍15'19				asc. node	-2337 Apr 19 j 02:16	20°♈33'46			
asc. node	-2340 Nov 01 j 06:45	15°♍35'21					-2337 Apr 26 j 19:19	0°♉			
greatest brilliancy	-2340 Nov 05 j 19:29	17°♍19'20	-4.7m				-2337 May 21 j 08:48	0°♊			
	-2340 Nov 24 j 18:51	0°♋					-2337 Jun 15 j 00:42	0°♋			
morning max el	-2340 Dec 13 j 15:38	17°♋40'22	46°49'08				-2337 Jul 09 j 20:35	0°♌			
	-2340 Dec 25 j 09:48	0°♍					-2337 Aug 03 j 23:37	0°♍			
	-2339 Jan 21 j 06:06	0°♎				desc. node	-2337 Aug 08 j 18:28	5°♍39'14			
	-2339 Feb 16 j 00:48	0°♏					-2337 Aug 29 j 15:49	0°♌			
desc. node	-2339 Feb 21 j 00:04	5°♏51'23					-2337 Sep 25 j 12:13	0°♍			
	-2339 Mar 13 j 08:44	0°♎				evening max el	-2337 Oct 07 j 09:20	12°♍26'19	47°31'04		
	-2339 Apr 07 j 10:27	0°♏					-2337 Oct 26 j 02:42	0°♎			
	-2339 May 02 j 07:15	0°♈				greatest brilliancy	-2337 Nov 14 j 14:48	13°♎06'57	-4.7m		
	-2339 May 26 j 23:08	0°♉				retrograde	-2337 Nov 27 j 09:54	16°♎11'23			
morning set	-2339 Jun 12 j 20:20	20°♉41'29				asc. node	-2337 Nov 29 j 18:36	16°♎04'23			
asc. node	-2339 Jun 14 j 00:13	22°♉07'16				evening set	-2337 Dec 12 j 05:15	11°♎43'44			
	-2339 Jun 20 j 09:44	0°♊				min. Earth dist.	-2337 Dec 17 j 01:42	8°♎49'29	0.26981 AU		
	-2339 Jul 14 j 15:05	0°♋				inferior conj	-2337 Dec 18 j 02:34	8°♎10'43	4°26'03		
max. Earth dist.	-2339 Jul 15 j 01:32	0°♋32'31	1.72452 AU			minimum elong	-2337 Dec 17 j 18:04	8°♎23'59	4°23'41		
						morning rise	-2337 Dec 23 j 07:45	5°♎02'39			
superior conj	-2339 Jul 19 j 05:43	5°♋44'13	1°10'25			direct	-2336 Jan 07 j 13:46	0°♎25'45			
minimum elong	-2339 Jul 18 j 21:30	5°♋18'38	1°10'16			greatest brilliancy	-2336 Jan 18 j 03:51	2°♎32'02	-4.6m		
	-2339 Aug 07 j 16:18	0°♌					-2336 Feb 24 j 08:11	0°♏			
evening rise	-2339 Aug 25 j 09:34	22°♌10'59				morning max el	-2336 Feb 26 j 00:07	1°♏36'25	46°11'53		
	-2339 Aug 31 j 15:21	0°♍				desc. node	-2336 Mar 20 j 11:38	25°♏49'22			
	-2339 Sep 24 j 14:21	0°♋					-2336 Mar 24 j 08:09	0°♎			
desc. node	-2339 Oct 03 j 16:29	11°♋21'42					-2336 Apr 20 j 03:31	0°♏			
	-2339 Oct 18 j 14:58	0°♍					-2336 May 15 j 23:55	0°♈			
	-2339 Nov 11 j 18:32	0°♎					-2336 Jun 10 j 05:51	0°♉			
	-2339 Dec 06 j 03:26	0°♏					-2336 Jul 05 j 00:15	0°♊			
	-2339 Dec 30 j 22:52	0°♎				asc. node	-2336 Jul 11 j 12:07	7°♊57'13			
asc. node	-2338 Jan 24 j 16:17	28°♎52'59					-2336 Jul 29 j 08:52	0°♋			
	-2338 Jan 25 j 15:52	0°♏				morning set	-2336 Aug 21 j 02:03	28°♋20'04			
	-2338 Feb 22 j 09:22	0°♈					-2336 Aug 22 j 09:57	0°♌			
evening max el	-2338 Feb 28 j 21:25	6°♈26'56	45°27'54				-2336 Sep 15 j 06:32	0°♍			
	-2338 Mar 29 j 22:19	0°♉									
greatest brilliancy	-2338 Apr 03 j 21:55	2°♉38'56	-4.5m			superior conj	-2336 Sep 28 j 21:38	17°♉10'52	1°06'19		
retrograde	-2338 Apr 18 j 11:27	6°♉19'58				minimum elong	-2336 Sep 29 j 08:16	17°♉44'22	1°06'01		
evening set	-2338 May 03 j 17:10	1°♉51'33				max. Earth dist.	-2336 Sep 28 j 15:19	16°♉50'58	1.71003 AU		
	-2338 May 06 j 22:08	30°♊♈					-2336 Oct 09 j 01:40	0°♋			
inferior conj	-2338 May 09 j 21:59	28°♊09'07	1°29'13			desc. node	-2336 Oct 31 j 04:34	27°♋51'07			
minimum elong	-2338 May 10 j 01:11	28°♊04'06	1°28'19				-2336 Nov 01 j 21:34	0°♍			
min. Earth dist.	-2338 May 10 j 09:55	27°♊50'31	0.29021 AU			evening rise	-2336 Nov 09 j 14:43	9°♍41'30			
morning rise	-2338 May 16 j 08:53	24°♊17'17					-2336 Nov 25 j 19:31	0°♎			
desc. node	-2338 May 16 j 08:54	24°♊17'14					-2336 Dec 19 j 20:31	0°♏			
direct	-2338 May 31 j 16:06	19°♊47'50					-2335 Jan 13 j 02:13	0°♎			
greatest brilliancy	-2338 Jun 14 j 23:41	23°♊21'12	-4.5m				-2335 Feb 06 j 15:40	0°♏			
	-2338 Jun 26 j 06:20	0°♋				asc. node	-2335 Feb 21 j 04:15	17°♋28'12			
morning max el	-2338 Jul 19 j 22:35	20°♋11'18	46°05'26				-2335 Mar 03 j 17:42	0°♈			
	-2338 Jul 29 j 17:30	0°♊					-2335 Mar 29 j 16:26	0°♉			
	-2338 Aug 26 j 02:38	0°♋					-2335 Apr 26 j 06:12	0°♊			
asc. node	-2338 Sep 06 j 09:39	13°♋07'25				evening max el	-2335 May 10 j 18:42	14°♊28'38	45°18'25		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2335 May 28 j 14:21	0°☿		morning set	-2333 Nov 04 j 15:20	13°♌54'16	
desc. node	-2335 Jun 12 j 20:49	9°☿51'00			-2333 Nov 17 j 09:59	0°♍	
greatest brilliancy	-2335 Jun 16 j 06:46	11°☿22'35	-4.5m	desc. node	-2333 Nov 28 j 16:33	14°♍10'24	
retrograde	-2335 Jun 28 j 07:33	13°☿55'14			-2333 Dec 11 j 07:14	0°♎	
evening set	-2335 Jul 14 j 17:09	8°☿54'22					
inferior conj	-2335 Jul 19 j 12:36	6°☿02'31	-7°-21'-59	superior conj	-2333 Dec 16 j 18:43	6°♏51'47	0°-40'-46
minimum elong	-2335 Jul 19 j 03:03	6°☿17'08	7°20'23	minimum elong	-2333 Dec 16 j 08:54	6°♏21'01	0°40'24
min. Earth dist.	-2335 Jul 19 j 20:26	5°☿50'31	0.28098 AU	max. Earth dist.	-2333 Dec 21 j 03:05	12°♏18'16	1.71546 AU
morning rise	-2335 Jul 23 j 12:35	3°☿37'39			-2332 Jan 04 j 07:08	0°♐	
	-2335 Jul 30 j 18:33	30°♑II		evening rise	-2332 Jan 26 j 17:41	27°♐54'42	
direct	-2335 Aug 09 j 20:47	27°♑59'22			-2332 Jan 28 j 10:07	0°♑	
	-2335 Aug 20 j 08:04	0°☿			-2332 Feb 21 j 17:04	0°♒	
greatest brilliancy	-2335 Aug 24 j 03:47	1°☿37'20	-4.6m		-2332 Mar 17 j 05:21	0°♓	
	-2335 Sep 28 j 16:52	0°♈		asc. node	-2332 Mar 20 j 16:21	4°♓12'24	
morning max el	-2335 Sep 29 j 05:27	0°♈31'48	46°44'03		-2332 Apr 11 j 00:37	0°♈	
asc. node	-2335 Oct 03 j 21:14	5°♈19'17			-2332 May 06 j 05:07	0°♉	
	-2335 Oct 26 j 07:19	0°♊			-2332 May 31 j 23:16	0°☿	
	-2335 Nov 20 j 19:17	0°♈			-2332 Jun 27 j 18:00	0°♈	
	-2335 Dec 15 j 13:46	0°♍		desc. node	-2332 Jul 10 j 08:36	13°♈25'33	
	-2334 Jan 09 j 02:47	0°♎		evening max el	-2332 Jul 22 j 14:32	25°♈46'06	46°28'25
desc. node	-2334 Jan 23 j 14:16	17°♎43'33			-2332 Jul 27 j 00:45	0°♊	
	-2334 Feb 02 j 14:50	0°♐		greatest brilliancy	-2332 Aug 31 j 03:59	25°♊07'13	-4.6m
	-2334 Feb 27 j 03:08	0°♑		retrograde	-2332 Sep 10 j 10:41	27°♊04'28	
	-2334 Mar 23 j 15:36	0°♒		evening set	-2332 Sep 26 j 21:50	21°♊53'31	
morning set	-2334 Apr 04 j 14:38	14°♒38'28		inferior conj	-2332 Oct 01 j 01:58	19°♊25'17	-6°-52'-5
	-2334 Apr 17 j 03:40	0°♓		minimum elong	-2332 Oct 01 j 12:42	19°♊09'04	6°49'52
max. Earth dist.	-2334 May 08 j 23:33	26°♓46'21	1.73670 AU	min. Earth dist.	-2332 Oct 01 j 14:45	19°♊05'58	0.26634 AU
				morning rise	-2332 Oct 06 j 03:14	16°♊26'53	
superior conj	-2334 May 10 j 20:50	29°♓05'21	0°-13'-27	direct	-2332 Oct 21 j 12:32	11°♊45'52	
minimum elong	-2334 May 10 j 23:29	29°♓13'29	0°13'18	asc. node	-2332 Oct 31 j 08:58	13°♊37'36	
behind sun begin	-2334 May 10 j 11:23	28°♓36'21		greatest brilliancy	-2332 Nov 03 j 10:23	14°♊52'38	-4.7m
behind sun end	-2334 May 11 j 11:35	29°♓50'37			-2332 Nov 25 j 05:20	0°♈	
	-2334 May 11 j 14:38	0°♉		morning max el	-2332 Dec 11 j 06:07	15°♈16'27	46°49'52
asc. node	-2334 May 16 j 14:24	6°♉07'49			-2332 Dec 25 j 05:06	0°♍	
	-2334 Jun 04 j 23:54	0°♊			-2331 Jan 20 j 21:22	0°♎	
evening rise	-2334 Jun 15 j 13:23	13°♊01'15			-2331 Feb 15 j 14:11	0°♐	
	-2334 Jun 29 j 07:23	0°☿		desc. node	-2331 Feb 20 j 02:00	5°♐18'14	
	-2334 Jul 23 j 13:53	0°♈			-2331 Mar 12 j 21:01	0°♑	
	-2334 Aug 16 j 20:56	0°♊			-2331 Apr 06 j 22:02	0°♒	
desc. node	-2334 Sep 05 j 06:27	23°♊52'11			-2331 May 01 j 18:24	0°♓	
	-2334 Sep 10 j 06:26	0°♈			-2331 May 26 j 10:04	0°♉	
	-2334 Oct 04 j 20:44	0°♍		morning set	-2331 Jun 10 j 14:53	18°♉37'41	
	-2334 Oct 29 j 20:14	0°♎		asc. node	-2331 Jun 13 j 02:21	21°♉40'29	
	-2334 Nov 24 j 16:19	0°♐			-2331 Jun 19 j 20:34	0°♊	
evening max el	-2334 Dec 17 j 13:17	24°♐40'46	46°47'32	max. Earth dist.	-2331 Jul 12 j 19:24	28°♊25'10	1.72511 AU
	-2334 Dec 22 j 21:25	0°♑			-2331 Jul 14 j 01:55	0°☿	
asc. node	-2334 Dec 27 j 06:32	4°♑11'13					
greatest brilliancy	-2333 Jan 22 j 11:17	23°♑51'19	-4.6m	superior conj	-2331 Jul 16 j 23:09	3°☿35'18	1°08'37
retrograde	-2333 Feb 06 j 00:33	27°♑43'00		minimum elong	-2331 Jul 16 j 14:44	3°☿09'08	1°08'25
evening set	-2333 Feb 23 j 20:49	21°♑33'34			-2331 Aug 07 j 03:14	0°♈	
inferior conj	-2333 Feb 27 j 08:36	19°♑21'15	8°13'43	evening rise	-2331 Aug 22 j 23:59	19°♈51'11	
minimum elong	-2333 Feb 27 j 12:14	19°♑15'27	8°13'29		-2331 Aug 31 j 02:26	0°♊	
min. Earth dist.	-2333 Feb 27 j 02:44	19°♑30'38	0.28906 AU		-2331 Sep 24 j 01:40	0°♈	
morning rise	-2333 Mar 03 j 03:49	16°♑57'45		desc. node	-2331 Oct 02 j 18:36	10°♈52'46	
direct	-2333 Mar 20 j 17:07	11°♑03'45			-2331 Oct 18 j 02:32	0°♍	
greatest brilliancy	-2333 Apr 01 j 13:42	13°♑33'56	-4.5m		-2331 Nov 11 j 06:25	0°♎	
desc. node	-2333 Apr 17 j 23:15	23°♑12'56			-2331 Dec 05 j 15:47	0°♐	
	-2333 Apr 26 j 11:44	0°♒			-2331 Dec 30 j 12:04	0°♑	
morning max el	-2333 May 08 j 11:14	10°♒49'05	45°47'11	asc. node	-2330 Jan 23 j 18:18	28°♑16'24	
	-2333 May 27 j 12:04	0°♓			-2330 Jan 25 j 06:53	0°♒	
	-2333 Jun 23 j 19:12	0°♉			-2330 Feb 22 j 05:23	0°♓	
	-2333 Jul 19 j 14:35	0°♊		evening max el	-2330 Feb 26 j 13:59	4°♓17'51	45°29'52
asc. node	-2333 Aug 08 j 23:57	24°♊29'23			-2330 Mar 31 j 12:18	0°♈	
	-2333 Aug 13 j 12:30	0°☿		greatest brilliancy	-2330 Apr 01 j 14:17	0°♉31'34	-4.5m
	-2333 Sep 06 j 20:10	0°♈		retrograde	-2330 Apr 16 j 04:20	4°♉12'45	
	-2333 Sep 30 j 19:14	0°♊			-2330 Apr 30 j 22:19	30°♒♓	
	-2333 Oct 24 j 14:38	0°♈		evening set	-2330 May 01 j 11:17	29°♓42'20	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2330 May 07 j 14:34	26° Υ 01'22	1°48'08	minimum elong	-2328 Sep 26 j 19:47	15° \mathbb{M} 14'54	1°08'18
minimum elong	-2330 May 07 j 18:25	25° Υ 55'21	1°47'04		-2328 Oct 08 j 12:40	0° $\underline{\mathbf{A}}$	
min. Earth dist.	-2330 May 08 j 02:12	25° Υ 43'12	0.29039 AU	desc. node	-2328 Oct 30 j 06:45	27° $\underline{\mathbf{A}}$ 23'11	
morning rise	-2330 May 14 j 01:21	22° Υ 09'33			-2328 Nov 01 j 08:39	0° \mathbb{M}	
desc. node	-2330 May 15 j 11:00	21° Υ 24'54		evening rise	-2328 Nov 06 j 23:32	7° \mathbb{M} 03'37	
direct	-2330 May 29 j 09:20	17° Υ 39'59			-2328 Nov 25 j 06:41	0° \mathcal{A}	
greatest brilliancy	-2330 Jun 12 j 14:14	21° Υ 10'46	-4.5m		-2328 Dec 19 j 07:47	0° $\underline{\mathbf{C}}$	
	-2330 Jun 26 j 21:52	0° \mathcal{B}			-2327 Jan 12 j 13:41	0° \approx	
morning max el	-2330 Jul 17 j 14:50	18° \mathcal{B} 01'13	46°04'04		-2327 Feb 06 j 03:31	0° \mathcal{H}	
	-2330 Jul 29 j 12:13	0° \mathbb{I}		asc. node	-2327 Feb 20 j 06:21	16° \mathcal{H} 57'56	
	-2330 Aug 25 j 17:15	0° $\underline{\mathbf{C}}$			-2327 Mar 03 j 06:21	0° Υ	
asc. node	-2330 Sep 05 j 11:42	12° $\underline{\mathbf{C}}$ 32'51			-2327 Mar 29 j 06:46	0° \mathcal{B}	
	-2330 Sep 20 j 02:39	0° Ω			-2327 Apr 26 j 00:43	0° \mathbb{I}	
	-2330 Oct 14 j 14:54	0° \mathbb{M}		evening max el	-2327 May 08 j 08:30	12° \mathbb{I} 12'49	45°17'19
	-2330 Nov 07 j 17:31	0° $\underline{\mathbf{A}}$			-2327 May 29 j 04:17	0° $\underline{\mathbf{C}}$	
	-2330 Dec 01 j 17:20	0° \mathbb{M}		desc. node	-2327 Jun 11 j 22:53	8° $\underline{\mathbf{C}}$ 18'23	
	-2330 Dec 25 j 17:59	0° \mathcal{A}		greatest brilliancy	-2327 Jun 13 j 18:40	9° $\underline{\mathbf{C}}$ 05'23	-4.5m
desc. node	-2330 Dec 26 j 04:28	0° \mathcal{A} 32'38		retrograde	-2327 Jun 25 j 21:29	11° $\underline{\mathbf{C}}$ 40'37	
	-2329 Jan 18 j 20:45	0° $\underline{\mathbf{C}}$		evening set	-2327 Jul 12 j 04:05	6° $\underline{\mathbf{C}}$ 44'07	
morning set	-2329 Jan 20 j 21:27	2° $\underline{\mathbf{C}}$ 31'07		inferior conj	-2327 Jul 17 j 03:12	3° $\underline{\mathbf{C}}$ 47'18	-7°-9'-41
	-2329 Feb 12 j 01:48	0° \approx		minimum elong	-2327 Jul 16 j 17:22	4° $\underline{\mathbf{C}}$ 02'20	7°07'56
				min. Earth dist.	-2327 Jul 17 j 11:09	3° $\underline{\mathbf{C}}$ 35'08	0.28139 AU
superior conj	-2329 Mar 01 j 06:59	21° \approx 15'40	-1°-22'-2	morning rise	-2327 Jul 21 j 06:15	1° $\underline{\mathbf{C}}$ 17'56	
minimum elong	-2329 Mar 01 j 11:27	21° \approx 29'28	1°22'02		-2327 Jul 23 j 13:44	30° \mathbb{R} \mathbb{I}	
max. Earth dist.	-2329 Mar 03 j 17:12	24° \approx 15'10	1.73136 AU	direct	-2327 Aug 07 j 11:17	25° \mathbb{I} 43'12	
	-2329 Mar 08 j 09:05	0° \mathcal{H}		greatest brilliancy	-2327 Aug 21 j 20:28	29° \mathbb{I} 22'49	-4.6m
	-2329 Apr 01 j 18:35	0° Υ			-2327 Aug 23 j 02:32	0° $\underline{\mathbf{C}}$	
evening rise	-2329 Apr 07 j 19:06	7° Υ 23'24		morning max el	-2327 Sep 26 j 18:56	28° $\underline{\mathbf{C}}$ 08'40	46°43'00
asc. node	-2329 Apr 18 j 04:30	20° Υ 07'28			-2327 Sep 28 j 14:41	0° Ω	
	-2329 Apr 26 j 06:11	0° \mathcal{B}		asc. node	-2327 Oct 02 j 23:29	4° Ω 32'07	
	-2329 May 20 j 19:54	0° \mathbb{I}			-2327 Oct 25 j 23:15	0° \mathbb{M}	
	-2329 Jun 14 j 12:15	0° $\underline{\mathbf{C}}$			-2327 Nov 20 j 09:05	0° $\underline{\mathbf{A}}$	
	-2329 Jul 09 j 08:52	0° Ω			-2327 Dec 15 j 02:28	0° \mathbb{M}	
	-2329 Aug 03 j 13:03	0° \mathbb{M}			-2326 Jan 08 j 14:48	0° \mathcal{A}	
desc. node	-2329 Aug 07 j 20:24	5° \mathbb{M} 04'37		desc. node	-2326 Jan 22 j 16:17	17° \mathcal{A} 13'50	
	-2329 Aug 29 j 07:14	0° $\underline{\mathbf{A}}$			-2326 Feb 02 j 02:22	0° $\underline{\mathbf{C}}$	
	-2329 Sep 25 j 07:53	0° \mathbb{M}			-2326 Feb 26 j 14:19	0° \approx	
evening max el	-2329 Oct 05 j 00:24	10° \mathbb{M} 04'47	47°30'31		-2326 Mar 23 j 02:29	0° \mathcal{H}	
	-2329 Oct 26 j 15:34	0° \mathcal{A}		morning set	-2326 Apr 02 j 08:05	12° \mathcal{H} 31'49	
greatest brilliancy	-2329 Nov 12 j 07:39	10° \mathcal{A} 44'14	-4.7m		-2326 Apr 16 j 14:23	0° Υ	
retrograde	-2329 Nov 24 j 23:38	13° \mathcal{A} 44'41		max. Earth dist.	-2326 May 06 j 20:08	24° Υ 49'28	1.73684 AU
asc. node	-2329 Nov 28 j 20:44	13° \mathcal{A} 25'49					
evening set	-2329 Dec 09 j 16:59	9° \mathcal{A} 20'45		superior conj	-2326 May 08 j 15:27	27° Υ 02'23	0°-16'-29
min. Earth dist.	-2329 Dec 14 j 15:47	6° \mathcal{A} 23'08	0.26914 AU	minimum elong	-2326 May 08 j 18:40	27° Υ 12'18	0°16'19
inferior conj	-2329 Dec 15 j 15:56	5° \mathcal{A} 45'28	4°06'11		-2326 May 11 j 01:18	0° \mathcal{B}	
minimum elong	-2329 Dec 15 j 07:52	5° \mathcal{A} 58'03	4°03'53	asc. node	-2326 May 15 j 16:30	5° \mathcal{B} 41'26	
morning rise	-2329 Dec 20 j 23:37	2° \mathcal{A} 33'54			-2326 Jun 04 j 10:38	0° \mathbb{I}	
	-2329 Dec 26 j 07:15	30° \mathbb{R} \mathbb{M}		evening rise	-2326 Jun 13 j 08:33	10° \mathbb{I} 59'07	
direct	-2328 Jan 05 j 02:46	28° \mathbb{M} 01'51			-2326 Jun 28 j 18:17	0° $\underline{\mathbf{C}}$	
	-2328 Jan 15 j 08:13	0° \mathcal{A}			-2326 Jul 23 j 01:02	0° Ω	
greatest brilliancy	-2328 Jan 15 j 16:57	0° \mathcal{A} 08'10	-4.6m		-2326 Aug 16 j 08:26	0° \mathbb{M}	
morning max el	-2328 Feb 23 j 13:06	29° \mathcal{A} 15'06	46°13'09	desc. node	-2326 Sep 04 j 08:38	23° \mathbb{M} 22'20	
	-2328 Feb 24 j 07:31	0° $\underline{\mathbf{C}}$			-2326 Sep 09 j 18:28	0° $\underline{\mathbf{A}}$	
desc. node	-2328 Mar 19 j 13:48	25° $\underline{\mathbf{C}}$ 09'45			-2326 Oct 04 j 09:32	0° \mathbb{M}	
	-2328 Mar 24 j 00:20	0° \approx			-2326 Oct 29 j 10:17	0° \mathcal{A}	
	-2328 Apr 19 j 17:05	0° \mathcal{H}			-2326 Nov 24 j 08:53	0° $\underline{\mathbf{C}}$	
	-2328 May 15 j 12:11	0° Υ		evening max el	-2326 Dec 15 j 03:47	22° $\underline{\mathbf{C}}$ 21'06	46°50'18
	-2328 Jun 09 j 17:22	0° \mathcal{B}			-2326 Dec 22 j 21:36	0° \approx	
	-2328 Jul 04 j 11:21	0° \mathbb{I}		asc. node	-2326 Dec 26 j 08:32	3° \approx 14'48	
asc. node	-2328 Jul 10 j 14:11	7° \mathbb{I} 29'42		greatest brilliancy	-2325 Jan 20 j 03:39	21° \approx 38'17	-4.6m
	-2328 Jul 28 j 19:45	0° $\underline{\mathbf{C}}$		retrograde	-2325 Feb 03 j 17:14	25° \approx 31'03	
morning set	-2328 Aug 18 j 16:54	26° $\underline{\mathbf{C}}$ 02'12		evening set	-2325 Feb 21 j 13:55	19° \approx 20'03	
	-2328 Aug 21 j 20:48	0° Ω		min. Earth dist.	-2325 Feb 24 j 17:51	17° \approx 20'27	0.28868 AU
	-2328 Sep 14 j 17:27	0° \mathbb{M}		inferior conj	-2325 Feb 25 j 00:53	17° \approx 09'13	8°17'38
max. Earth dist.	-2328 Sep 25 j 17:51	13° \mathbb{M} 53'12	1.71031 AU	minimum elong	-2325 Feb 25 j 03:50	17° \approx 04'29	8°17'28
				morning rise	-2325 Feb 28 j 17:56	14° \approx 49'14	
superior conj	-2328 Sep 26 j 09:28	14° \mathbb{M} 42'25	1°08'35	direct	-2325 Mar 18 j 08:21	8° \approx 52'15	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2320 Apr 19 j 06:39	0° H			-2318 Nov 24 j 02:09	0° Z		
	-2320 May 15 j 00:32	0° Y		evening max el	-2318 Dec 12 j 19:09	20° Z 02'36	46°53'07	
	-2320 Jun 09 j 05:03	0° B			-2318 Dec 22 j 23:26	0° \approx		
	-2320 Jul 03 j 22:40	0° II		asc. node	-2318 Dec 25 j 10:40	2° \approx 16'26		
asc. node	-2320 Jul 09 j 16:17	7° II 01'31		greatest brilliancy	-2317 Jan 17 j 20:07	19° \approx 24'20	-4.6m	
	-2320 Jul 28 j 06:55	0° S		retrograde	-2317 Feb 01 j 10:23	23° \approx 17'57		
morning set	-2320 Aug 16 j 07:44	23° S 43'32		evening set	-2317 Feb 19 j 06:47	17° \approx 05'47		
	-2320 Aug 21 j 07:56	0° Ω		inferior conj	-2317 Feb 22 j 17:09	14° \approx 56'00	8°20'51	
	-2320 Sep 14 j 04:37	0° M		minimum elong	-2317 Feb 22 j 19:25	14° \approx 52'24	8°20'44	
max. Earth dist.	-2320 Sep 22 j 23:36	11° M 04'47	1.71061 AU	min. Earth dist.	-2317 Feb 22 j 08:38	15° \approx 09'35	0.28824 AU	
				morning rise	-2317 Feb 26 j 08:15	12° \approx 39'16		
superior conj	-2320 Sep 23 j 21:22	12° M 13'21	1°10'43	direct	-2317 Mar 15 j 23:59	6° \approx 39'43		
minimum elong	-2320 Sep 24 j 07:16	12° M 44'33	1°10'27	greatest brilliancy	-2317 Mar 27 j 18:03	9° \approx 08'09	-4.5m	
	-2320 Oct 07 j 23:55	0° A		desc. node	-2317 Apr 16 j 03:23	21° \approx 01'21		
desc. node	-2320 Oct 29 j 08:43	26° A 53'50			-2317 Apr 26 j 19:03	0° H		
	-2320 Oct 31 j 19:59	0° M		morning max el	-2317 May 03 j 19:55	6° H 30'40	45°47'47	
evening rise	-2320 Nov 04 j 08:26	4° M 25'11			-2317 May 26 j 22:00	0° Y		
	-2320 Nov 24 j 18:07	0° Z			-2317 Jun 22 j 22:57	0° B		
	-2320 Dec 18 j 19:20	0° Z			-2317 Jul 18 j 15:37	0° II		
	-2319 Jan 12 j 01:26	0° \approx		asc. node	-2317 Aug 07 j 04:14	23° II 29'44		
	-2319 Feb 05 j 15:38	0° H			-2317 Aug 12 j 12:12	0° S		
asc. node	-2319 Feb 19 j 08:34	16° H 27'19			-2317 Sep 05 j 19:09	0° Ω		
	-2319 Mar 02 j 19:15	0° Y			-2317 Sep 29 j 17:52	0° M		
	-2319 Mar 28 j 21:26	0° B			-2317 Oct 23 j 13:07	0° A		
	-2319 Apr 25 j 19:55	0° II		morning set	-2317 Oct 30 j 12:18	8° A 47'04		
evening max el	-2319 May 05 j 22:40	9° II 57'33	45°16'14		-2317 Nov 16 j 08:23	0° M		
	-2319 May 29 j 23:18	0° S		desc. node	-2317 Nov 26 j 20:40	13° M 13'10		
greatest brilliancy	-2319 Jun 11 j 05:25	6° S 46'27	-4.5m		-2317 Dec 10 j 05:34	0° Z		
desc. node	-2319 Jun 11 j 00:56	6° S 41'50						
retrograde	-2319 Jun 23 j 11:55	9° S 25'39		superior conj	-2317 Dec 11 j 13:32	1° Z 40'10	0°-33'-37	
evening set	-2319 Jul 09 j 15:11	4° S 33'06		minimum elong	-2317 Dec 11 j 05:01	1° Z 13'28	0°33'18	
inferior conj	-2319 Jul 14 j 17:53	1° S 31'29	-6°-56'-34	max. Earth dist.	-2317 Dec 15 j 19:57	7° Z 00'58	1.71455 AU	
minimum elong	-2319 Jul 14 j 07:51	1° S 46'49	6°54'43		-2316 Jan 03 j 05:23	0° Z		
min. Earth dist.	-2319 Jul 15 j 01:46	1° S 19'26	0.28185 AU	evening rise	-2316 Jan 21 j 18:19	23° Z 04'24		
	-2319 Jul 17 j 05:58	30° R II			-2316 Jan 27 j 08:20	0° \approx		
morning rise	-2319 Jul 19 j 00:04	28° II 57'40			-2316 Feb 20 j 15:26	0° H		
direct	-2319 Aug 05 j 02:13	23° II 26'18			-2316 Mar 16 j 04:08	0° Y		
greatest brilliancy	-2319 Aug 19 j 13:56	27° II 08'34	-4.6m	asc. node	-2316 Mar 18 j 20:35	3° Y 15'47		
	-2319 Aug 24 j 19:46	0° S			-2316 Apr 10 j 00:18	0° B		
morning max el	-2319 Sep 24 j 09:33	25° S 47'33	46°41'57		-2316 May 05 j 06:28	0° II		
	-2319 Sep 28 j 12:09	0° Ω			-2316 May 31 j 03:42	0° S		
asc. node	-2319 Oct 02 j 01:30	3° Ω 43'54			-2316 Jun 27 j 04:58	0° Ω		
	-2319 Oct 25 j 15:18	0° M		desc. node	-2316 Jul 08 j 12:47	11° Ω 52'20		
	-2319 Nov 19 j 23:04	0° A		evening max el	-2316 Jul 17 j 18:15	21° Ω 04'45	46°22'24	
	-2319 Dec 14 j 15:24	0° M			-2316 Jul 27 j 07:49	0° M		
	-2318 Jan 08 j 03:04	0° Z		greatest brilliancy	-2316 Aug 26 j 02:42	20° M 10'36	-4.6m	
desc. node	-2318 Jan 21 j 18:25	16° Z 43'36		retrograde	-2316 Sep 05 j 11:15	22° M 08'04		
	-2318 Feb 01 j 14:11	0° Z		evening set	-2316 Sep 22 j 04:47	16° M 47'30		
	-2318 Feb 26 j 01:46	0° \approx		inferior conj	-2316 Sep 26 j 02:13	14° M 28'26	-7°-21'-16	
	-2318 Mar 22 j 13:39	0° H		minimum elong	-2316 Sep 26 j 12:32	14° M 12'49	7°19'22	
morning set	-2318 Mar 31 j 01:43	10° H 24'55		min. Earth dist.	-2316 Sep 26 j 15:22	14° M 08'31	0.26722 AU	
	-2318 Apr 16 j 01:21	0° Y		morning rise	-2316 Sep 30 j 20:05	11° M 40'24		
max. Earth dist.	-2318 May 04 j 19:02	22° Y 58'56	1.73695 AU	direct	-2316 Oct 16 j 15:13	6° M 48'09		
				greatest brilliancy	-2316 Oct 29 j 13:16	9° M 55'51	-4.7m	
superior conj	-2318 May 06 j 10:22	24° Y 59'38	0°-19'-28	asc. node	-2316 Oct 29 j 13:05	9° M 55'39		
minimum elong	-2318 May 06 j 14:09	25° Y 11'18	0°19'17		-2316 Nov 25 j 18:30	0° A		
	-2318 May 10 j 12:12	0° B		morning max el	-2316 Dec 06 j 10:06	10° A 26'15	46°51'08	
asc. node	-2318 May 14 j 18:32	5° B 14'12			-2316 Dec 24 j 18:10	0° M		
	-2318 Jun 03 j 21:37	0° II			-2315 Jan 20 j 03:20	0° Z		
evening rise	-2318 Jun 11 j 04:06	8° II 57'30			-2315 Feb 14 j 16:43	0° Z		
	-2318 Jun 28 j 05:28	0° S		desc. node	-2315 Feb 18 j 06:19	4° Z 13'35		
	-2318 Jul 22 j 12:31	0° Ω			-2315 Mar 11 j 21:33	0° \approx		
	-2318 Aug 15 j 20:21	0° M			-2315 Apr 05 j 21:19	0° H		
desc. node	-2318 Sep 03 j 10:44	22° M 50'57			-2315 Apr 30 j 16:54	0° Y		
	-2318 Sep 09 j 06:56	0° A			-2315 May 25 j 08:05	0° B		
	-2318 Oct 03 j 22:48	0° M		morning set	-2315 Jun 06 j 03:50	14° B 29'19		
	-2318 Oct 29 j 00:52	0° Z		asc. node	-2315 Jun 11 j 06:32	20° B 46'18		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2315 Jun 18 j 18:21	0° Π		minimum elong	-2313 Dec 10 j 11:34	1° \mathcal{Z} 04'52	3°22'40
max. Earth dist.	-2315 Jul 08 j 03:50	24° Π 00'11	1.72623 AU		-2313 Dec 12 j 05:19	30° $\mathcal{R}\mathcal{M}$	
				morning rise	-2313 Dec 16 j 06:59	27° \mathcal{M} 35'47	
superior conj	-2315 Jul 12 j 10:20	29° Π 18'25	1°04'40	direct	-2313 Dec 31 j 03:18	23° \mathcal{M} 12'13	
minimum elong	-2315 Jul 12 j 01:39	28° Π 51'29	1°04'28	greatest brilliancy	-2312 Jan 10 j 21:53	25° \mathcal{M} 21'55	-4.6m
	-2315 Jul 12 j 23:42	0° \mathcal{S}			-2312 Jan 20 j 01:41	0° \mathcal{Z}	
	-2315 Aug 06 j 01:13	0° \mathcal{Q}		morning max el	-2312 Feb 18 j 14:34	24° \mathcal{Z} 29'45	46°16'03
evening rise	-2315 Aug 18 j 05:36	15° \mathcal{Q} 13'54			-2312 Feb 24 j 03:42	0° \mathcal{Z}	
	-2315 Aug 30 j 00:48	0° \mathcal{M}		desc. node	-2312 Mar 17 j 17:55	23° \mathcal{Z} 50'37	
	-2315 Sep 23 j 00:30	0° \mathcal{A}			-2312 Mar 23 j 08:08	0° \approx	
desc. node	-2315 Sep 30 j 22:44	9° \mathcal{A} 53'57			-2312 Apr 18 j 20:07	0° \mathcal{H}	
	-2315 Oct 17 j 01:53	0° \mathcal{M}			-2312 May 14 j 12:48	0° \mathcal{Y}	
	-2315 Nov 10 j 06:25	0° \mathcal{Z}			-2312 Jun 08 j 16:37	0° \mathcal{B}	
	-2315 Dec 04 j 16:45	0° \mathcal{Z}			-2312 Jul 03 j 09:52	0° Π	
	-2315 Dec 29 j 14:51	0° \approx		asc. node	-2312 Jul 08 j 18:26	6° Π 33'52	
asc. node	-2314 Jan 21 j 22:35	27° \approx 02'44			-2312 Jul 27 j 17:57	0° \mathcal{S}	
	-2314 Jan 24 j 13:39	0° \mathcal{H}		morning set	-2312 Aug 13 j 22:43	21° \mathcal{S} 25'51	
	-2314 Feb 21 j 23:44	0° \mathcal{Y}			-2312 Aug 20 j 18:56	0° \mathcal{Q}	
evening max el	-2314 Feb 21 j 21:35	29° \mathcal{H} 54'46	45°33'38		-2312 Sep 13 j 15:38	0° \mathcal{M}	
greatest brilliancy	-2314 Mar 28 j 00:00	26° \mathcal{Y} 16'38	-4.5m	max. Earth dist.	-2312 Sep 20 j 07:51	8° \mathcal{M} 24'48	1.71088 AU
retrograde	-2314 Apr 11 j 12:46	29° \mathcal{Y} 57'02					
evening set	-2314 Apr 26 j 23:50	25° \mathcal{Y} 22'07		superior conj	-2312 Sep 21 j 09:38	9° \mathcal{M} 46'02	1°12'41
inferior conj	-2314 May 02 j 23:48	21° \mathcal{Y} 44'54	2°25'29	minimum elong	-2312 Sep 21 j 19:04	10° \mathcal{M} 15'45	1°12'28
minimum elong	-2314 May 03 j 04:52	21° \mathcal{Y} 36'57	2°24'07		-2312 Oct 07 j 10:57	0° \mathcal{A}	
min. Earth dist.	-2314 May 03 j 11:40	21° \mathcal{Y} 26'15	0.29075 AU	desc. node	-2312 Oct 28 j 10:50	26° \mathcal{A} 25'38	
morning rise	-2314 May 09 j 09:41	17° \mathcal{Y} 53'16			-2312 Oct 31 j 07:05	0° \mathcal{M}	
desc. node	-2314 May 13 j 15:10	15° \mathcal{Y} 48'26		evening rise	-2312 Nov 01 j 17:49	1° \mathcal{M} 49'04	
direct	-2314 May 24 j 18:42	13° \mathcal{Y} 23'11			-2312 Nov 24 j 05:17	0° \mathcal{Z}	
greatest brilliancy	-2314 Jun 07 j 18:56	16° \mathcal{Y} 47'55	-4.5m		-2312 Dec 18 j 06:39	0° \mathcal{Z}	
	-2314 Jun 27 j 18:36	0° \mathcal{B}			-2311 Jan 11 j 12:58	0° \approx	
morning max el	-2314 Jul 12 j 21:11	13° \mathcal{B} 34'52	46°01'41		-2311 Feb 05 j 03:36	0° \mathcal{H}	
	-2314 Jul 29 j 00:35	0° Π		asc. node	-2311 Feb 18 j 10:31	15° \mathcal{H} 56'15	
	-2314 Aug 24 j 22:13	0° \mathcal{S}			-2311 Mar 02 j 08:07	0° \mathcal{Y}	
asc. node	-2314 Sep 03 j 15:56	11° \mathcal{S} 24'07			-2311 Mar 28 j 12:12	0° \mathcal{B}	
	-2314 Sep 19 j 04:36	0° \mathcal{Q}			-2311 Apr 25 j 15:38	0° Π	
	-2314 Oct 13 j 15:24	0° \mathcal{M}		evening max el	-2311 May 03 j 13:39	7° Π 44'37	45°15'23
	-2314 Nov 06 j 17:12	0° \mathcal{A}			-2311 May 31 j 00:59	0° \mathcal{S}	
	-2314 Nov 30 j 16:29	0° \mathcal{M}		greatest brilliancy	-2311 Jun 08 j 15:39	4° \mathcal{S} 27'25	-4.5m
desc. node	-2314 Dec 24 j 08:40	29° \mathcal{M} 34'59		desc. node	-2311 Jun 10 j 03:06	5° \mathcal{S} 02'12	
	-2314 Dec 24 j 16:41	0° \mathcal{Z}		retrograde	-2311 Jun 21 j 02:40	7° \mathcal{S} 11'01	
morning set	-2313 Jan 15 j 20:50	27° \mathcal{Z} 36'23		evening set	-2311 Jul 07 j 02:21	2° \mathcal{S} 22'20	
	-2313 Jan 17 j 19:05	0° \mathcal{Z}			-2311 Jul 11 j 03:34	30° $\mathcal{R}\mathcal{I}$	
	-2313 Feb 10 j 23:50	0° \approx		inferior conj	-2311 Jul 12 j 08:28	29° Π 15'58	-6°-42'-55
				minimum elong	-2311 Jul 11 j 22:17	29° Π 31'31	6°40'55
superior conj	-2313 Feb 24 j 13:33	16° \approx 46'15	-1°-23'-22	min. Earth dist.	-2311 Jul 12 j 15:57	29° Π 04'32	0.28227 AU
minimum elong	-2313 Feb 24 j 16:36	16° \approx 55'40	1°23'25	morning rise	-2311 Jul 16 j 17:48	26° Π 37'48	
max. Earth dist.	-2313 Feb 27 j 08:44	20° \approx 13'32	1.73039 AU	direct	-2311 Aug 02 j 17:37	21° Π 09'55	
	-2313 Mar 07 j 06:57	0° \mathcal{H}		greatest brilliancy	-2311 Aug 17 j 06:40	24° Π 54'10	-4.6m
	-2313 Mar 31 j 16:26	0° \mathcal{Y}			-2311 Aug 26 j 00:04	0° \mathcal{S}	
evening rise	-2313 Apr 03 j 06:07	3° \mathcal{Y} 09'15		morning max el	-2311 Sep 22 j 01:01	23° \mathcal{S} 29'34	46°40'53
asc. node	-2313 Apr 16 j 08:35	19° \mathcal{Y} 12'44			-2311 Sep 28 j 08:38	0° \mathcal{Q}	
	-2313 Apr 25 j 04:16	0° \mathcal{B}		asc. node	-2311 Oct 01 j 03:35	2° \mathcal{Q} 57'20	
	-2313 May 19 j 18:33	0° Π			-2311 Oct 25 j 06:50	0° \mathcal{M}	
	-2313 Jun 13 j 11:51	0° \mathcal{S}			-2311 Nov 19 j 12:38	0° \mathcal{A}	
	-2313 Jul 08 j 10:00	0° \mathcal{Q}			-2311 Dec 14 j 03:55	0° \mathcal{M}	
	-2313 Aug 02 j 16:35	0° \mathcal{M}			-2310 Jan 07 j 14:56	0° \mathcal{Z}	
desc. node	-2313 Aug 06 j 00:42	3° \mathcal{M} 55'02		desc. node	-2310 Jan 20 j 20:32	16° \mathcal{Z} 14'32	
	-2313 Aug 28 j 15:01	0° \mathcal{A}			-2310 Feb 01 j 01:36	0° \mathcal{Z}	
	-2313 Sep 25 j 01:19	0° \mathcal{M}			-2310 Feb 25 j 12:51	0° \approx	
evening max el	-2313 Sep 30 j 03:32	5° \mathcal{M} 13'25	47°29'05		-2310 Mar 22 j 00:30	0° \mathcal{H}	
	-2313 Oct 28 j 08:08	0° \mathcal{Z}		morning set	-2310 Mar 28 j 19:08	8° \mathcal{H} 18'08	
greatest brilliancy	-2313 Nov 07 j 17:42	5° \mathcal{Z} 57'49	-4.7m		-2310 Apr 15 j 12:04	0° \mathcal{Y}	
retrograde	-2313 Nov 20 j 02:01	8° \mathcal{Z} 50'16		max. Earth dist.	-2310 May 02 j 18:23	21° \mathcal{Y} 10'27	1.73706 AU
asc. node	-2313 Nov 27 j 00:55	7° \mathcal{Z} 49'47					
evening set	-2313 Dec 04 j 16:50	4° \mathcal{Z} 32'12		superior conj	-2310 May 04 j 04:55	22° \mathcal{Y} 56'28	0°-22'-28
min. Earth dist.	-2313 Dec 09 j 20:49	1° \mathcal{Z} 27'50	0.26790 AU	minimum elong	-2310 May 04 j 09:17	23° \mathcal{Y} 09'51	0°22'16
inferior conj	-2313 Dec 10 j 18:34	0° \mathcal{Z} 53'57	3°24'46		-2310 May 09 j 22:53	0° \mathcal{B}	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2310 May 13 j 20:43	4°♄48'08			-2308 Dec 24 j 11:54	0°♍		
	-2310 Jun 03 j 08:22	0°♈			-2307 Jan 19 j 17:51	0°♌		
evening rise	-2310 Jun 08 j 23:18	6°♈55'36			-2307 Feb 14 j 05:38	0°♌		
	-2310 Jun 27 j 16:24	0°♌		desc. node	-2307 Feb 17 j 08:16	3°♌41'28		
	-2310 Jul 21 j 23:45	0°♍			-2307 Mar 11 j 09:30	0°♍		
	-2310 Aug 15 j 08:00	0°♎			-2307 Apr 05 j 08:39	0°♎		
desc. node	-2310 Sep 02 j 12:42	22°♎19'57			-2307 Apr 30 j 03:51	0°♎		
	-2310 Sep 08 j 19:10	0°♏			-2307 May 24 j 18:49	0°♏		
	-2310 Oct 03 j 11:52	0°♍		morning set	-2307 Jun 03 j 22:33	12°♏26'41		
	-2310 Oct 28 j 15:16	0°♌		asc. node	-2307 Jun 10 j 08:39	20°♏19'59		
	-2310 Nov 23 j 19:19	0°♌			-2307 Jun 18 j 05:01	0°♈		
evening max el	-2310 Dec 10 j 11:36	17°♌48'00	46°55'59	max. Earth dist.	-2307 Jul 05 j 20:09	21°♈48'44	1.72685 AU	
	-2310 Dec 23 j 02:06	0°♍						
asc. node	-2310 Dec 24 j 12:51	1°♍18'19		superior conj	-2307 Jul 10 j 04:12	27°♈11'36	1°02'35	
greatest brilliancy	-2309 Jan 15 j 13:12	17°♍12'42	-4.6m	minimum elong	-2307 Jul 09 j 19:29	26°♈44'33	1°02'21	
retrograde	-2309 Jan 30 j 03:41	21°♍06'11			-2307 Jul 12 j 10:25	0°♌		
evening set	-2309 Feb 16 j 23:28	14°♍53'32			-2307 Aug 05 j 12:04	0°♍		
inferior conj	-2309 Feb 20 j 09:29	12°♍44'14	8°23'23	evening rise	-2307 Aug 15 j 20:42	12°♍56'51		
minimum elong	-2309 Feb 20 j 11:02	12°♍41'45	8°23'18		-2307 Aug 29 j 11:50	0°♎		
min. Earth dist.	-2309 Feb 19 j 23:15	13°♍00'32	0.28778 AU		-2307 Sep 22 j 11:46	0°♏		
morning rise	-2309 Feb 23 j 22:50	10°♍30'19		desc. node	-2307 Sep 30 j 00:52	9°♏25'13		
direct	-2309 Mar 13 j 16:07	4°♍28'52			-2307 Oct 16 j 13:25	0°♍		
greatest brilliancy	-2309 Mar 25 j 06:47	6°♍54'37	-4.5m		-2307 Nov 09 j 18:17	0°♌		
desc. node	-2309 Apr 15 j 05:34	19°♍59'10			-2307 Dec 04 j 05:10	0°♌		
	-2309 Apr 26 j 20:05	0°♎			-2307 Dec 29 j 04:15	0°♍		
morning max el	-2309 May 01 j 12:39	4°♎23'12	45°47'54	asc. node	-2306 Jan 21 j 00:36	26°♍25'31		
	-2309 May 26 j 14:16	0°♎			-2306 Jan 24 j 05:13	0°♎		
	-2309 Jun 22 j 12:28	0°♏		evening max el	-2306 Feb 19 j 12:23	27°♎41'12	45°35'46	
	-2309 Jul 18 j 03:53	0°♈			-2306 Feb 21 j 21:53	0°♎		
asc. node	-2309 Aug 06 j 06:15	23°♈00'14		greatest brilliancy	-2306 Mar 25 j 15:57	24°♎08'55	-4.5m	
	-2309 Aug 11 j 23:50	0°♌		retrograde	-2306 Apr 09 j 05:04	27°♎50'47		
	-2309 Sep 05 j 06:27	0°♍		evening set	-2306 Apr 24 j 18:26	23°♎13'00		
	-2309 Sep 29 j 05:00	0°♎		inferior conj	-2306 Apr 30 j 16:41	19°♎38'14	2°43'37	
	-2309 Oct 23 j 00:11	0°♏		minimum elong	-2306 Apr 30 j 22:18	19°♎29'23	2°42'07	
morning set	-2309 Oct 27 j 22:44	6°♏13'49		min. Earth dist.	-2306 May 01 j 04:57	19°♎18'57	0.29091 AU	
	-2309 Nov 15 j 19:25	0°♍		morning rise	-2306 May 07 j 01:52	15°♎47'03		
desc. node	-2309 Nov 25 j 22:49	12°♍45'21		desc. node	-2306 May 12 j 17:18	13°♎07'29		
				direct	-2306 May 22 j 10:56	11°♎16'06		
superior conj	-2309 Dec 08 j 22:40	29°♍03'56	0°-29'-55	greatest brilliancy	-2306 Jun 05 j 10:20	14°♎39'03	-4.5m	
minimum elong	-2309 Dec 08 j 14:56	28°♍39'41	0°29'37		-2306 Jun 28 j 00:31	0°♏		
	-2309 Dec 09 j 16:34	0°♌		morning max el	-2306 Jul 10 j 12:21	11°♏22'34	46°00'30	
max. Earth dist.	-2309 Dec 13 j 06:23	4°♌28'55	1.71406 AU		-2306 Jul 28 j 17:52	0°♈		
	-2308 Jan 02 j 16:18	0°♌			-2306 Aug 24 j 12:18	0°♌		
evening rise	-2308 Jan 19 j 06:28	20°♌39'18		asc. node	-2306 Sep 02 j 18:02	10°♌50'26		
	-2308 Jan 26 j 19:13	0°♍			-2306 Sep 18 j 17:21	0°♍		
	-2308 Feb 20 j 02:22	0°♎			-2306 Oct 13 j 03:29	0°♎		
	-2308 Mar 15 j 15:18	0°♎			-2306 Nov 06 j 04:54	0°♏		
asc. node	-2308 Mar 17 j 22:40	2°♎48'08			-2306 Nov 30 j 03:55	0°♍		
	-2308 Apr 09 j 11:57	0°♏		desc. node	-2306 Dec 23 j 10:43	29°♍06'24		
	-2308 May 04 j 19:00	0°♈			-2306 Dec 24 j 03:54	0°♌		
	-2308 May 30 j 17:56	0°♌		morning set	-2305 Jan 13 j 07:59	25°♌07'29		
	-2308 Jun 26 j 22:51	0°♍			-2305 Jan 17 j 06:07	0°♌		
desc. node	-2308 Jul 07 j 14:53	11°♍05'05			-2305 Feb 10 j 10:45	0°♍		
evening max el	-2308 Jul 15 j 07:53	18°♍04'07	46°19'16					
	-2308 Jul 27 j 13:55	0°♎		superior conj	-2305 Feb 22 j 04:33	14°♍30'56	-1°-23'-51	
greatest brilliancy	-2308 Aug 23 j 15:14	17°♎44'22	-4.6m	minimum elong	-2305 Feb 22 j 06:49	14°♍37'57	1°23'54	
retrograde	-2308 Sep 02 j 22:49	19°♎40'28		max. Earth dist.	-2305 Feb 25 j 01:07	18°♍02'34	1.72988 AU	
evening set	-2308 Sep 19 j 20:13	14°♎15'35			-2305 Mar 06 j 17:46	0°♎		
inferior conj	-2308 Sep 23 j 14:24	12°♎00'58	-7°-34'-25		-2305 Mar 31 j 03:14	0°♎		
minimum elong	-2308 Sep 24 j 00:21	11°♎45'52	7°32'43	evening rise	-2305 Mar 31 j 23:29	1°♎02'08		
min. Earth dist.	-2308 Sep 24 j 04:02	11°♎40'16	0.26767 AU	asc. node	-2305 Apr 15 j 10:49	18°♎46'21		
morning rise	-2308 Sep 28 j 04:18	9°♎18'09			-2305 Apr 24 j 15:11	0°♏		
direct	-2308 Oct 14 j 04:07	4°♎20'11			-2305 May 19 j 05:43	0°♈		
greatest brilliancy	-2308 Oct 27 j 02:54	7°♎28'10	-4.7m		-2305 Jun 12 j 23:32	0°♌		
asc. node	-2308 Oct 28 j 15:19	8°♎11'43			-2305 Jul 07 j 22:30	0°♍		
	-2308 Nov 25 j 21:58	0°♏			-2305 Aug 02 j 06:25	0°♎		
morning max el	-2308 Dec 03 j 22:47	7°♏58'01	46°51'39	desc. node	-2305 Aug 05 j 02:40	3°♎19'44		

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:42, page 20

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2305 Aug 28 j 07:13	0°♄			-2302 Jan 31 j 13:18	0°♄		
	-2305 Sep 24 j 23:06	0°♌			-2302 Feb 25 j 00:11	0°♌		
evening max el	-2305 Sep 27 j 16:41	2°♌46'51	47°28'10		-2302 Mar 21 j 11:34	0°♌		
	-2305 Oct 29 j 16:27	0°♌		morning set	-2302 Mar 26 j 12:20	6°♌09'58		
greatest brilliancy	-2305 Nov 05 j 09:35	3°♌32'32	-4.7m		-2302 Apr 14 j 22:59	0°♌		
retrograde	-2305 Nov 17 j 15:15	6°♌22'32		max. Earth dist.	-2302 Apr 30 j 18:29	19°♌23'42	1.73711 AU	
asc. node	-2305 Nov 26 j 03:04	4°♌52'21						
evening set	-2305 Dec 02 j 04:47	2°♌06'24		superior conj	-2302 May 01 j 23:28	20°♌52'39	0°-25'-26	
	-2305 Dec 05 j 19:41	30°♌		minimum elong	-2302 May 02 j 04:22	21°♌07'41	0°25'12	
min. Earth dist.	-2305 Dec 07 j 11:06	28°♌59'19	0.26734 AU		-2302 May 09 j 09:46	0°♌		
inferior conj	-2305 Dec 08 j 07:39	28°♌27'25	3°03'08	asc. node	-2302 May 12 j 22:48	4°♌21'06		
minimum elong	-2305 Dec 08 j 01:16	28°♌37'20	3°01'10		-2302 Jun 02 j 19:20	0°♌		
morning rise	-2305 Dec 13 j 22:21	25°♌06'25		evening rise	-2302 Jun 06 j 18:44	4°♌53'46		
direct	-2305 Dec 28 j 15:17	20°♌46'15			-2302 Jun 27 j 03:32	0°♌		
greatest brilliancy	-2304 Jan 08 j 12:36	22°♌58'37	-4.6m		-2302 Jul 21 j 11:10	0°♌		
	-2304 Jan 21 j 07:15	0°♌			-2302 Aug 14 j 19:50	0°♌		
morning max el	-2304 Feb 16 j 04:24	22°♌09'32	46°17'35	desc. node	-2302 Sep 01 j 14:55	21°♌49'13		
	-2304 Feb 24 j 00:36	0°♌			-2302 Sep 08 j 07:36	0°♌		
desc. node	-2304 Mar 16 j 20:07	23°♌12'09			-2302 Oct 03 j 01:11	0°♌		
	-2304 Mar 22 j 23:37	0°♌			-2302 Oct 28 j 06:02	0°♌		
	-2304 Apr 18 j 09:24	0°♌			-2302 Nov 23 j 13:13	0°♌		
	-2304 May 14 j 00:56	0°♌		evening max el	-2302 Dec 08 j 04:15	15°♌32'32	46°58'27	
	-2304 Jun 08 j 04:06	0°♌			-2302 Dec 23 j 07:08	0°♌		
	-2304 Jul 02 j 21:00	0°♌		asc. node	-2302 Dec 23 j 14:52	0°♌17'02		
asc. node	-2304 Jul 07 j 20:29	6°♌06'12		greatest brilliancy	-2301 Jan 13 j 07:21	15°♌00'27	-4.6m	
	-2304 Jul 27 j 04:55	0°♌		retrograde	-2301 Jan 27 j 20:29	18°♌51'50		
morning set	-2304 Aug 11 j 14:14	19°♌10'05		evening set	-2301 Feb 14 j 15:39	12°♌39'30		
	-2304 Aug 20 j 05:53	0°♌		min. Earth dist.	-2301 Feb 17 j 13:49	10°♌48'54	0.28726 AU	
	-2304 Sep 13 j 02:39	0°♌		inferior conj	-2301 Feb 18 j 01:33	10°♌30'10	8°25'11	
max. Earth dist.	-2304 Sep 17 j 17:52	5°♌50'18	1.71125 AU	minimum elong	-2301 Feb 18 j 02:23	10°♌28'50	8°25'08	
				morning rise	-2301 Feb 21 j 13:24	8°♌18'32		
superior conj	-2304 Sep 18 j 22:09	7°♌19'22	1°14'29	direct	-2301 Mar 11 j 08:03	2°♌15'57		
minimum elong	-2304 Sep 19 j 07:02	7°♌47'23	1°14'19	greatest brilliancy	-2301 Mar 22 j 18:42	4°♌38'12	-4.5m	
	-2304 Oct 06 j 22:05	0°♌		desc. node	-2301 Apr 14 j 07:43	18°♌57'02		
desc. node	-2304 Oct 27 j 13:00	25°♌57'09			-2301 Apr 26 j 20:28	0°♌		
evening rise	-2304 Oct 30 j 02:57	29°♌11'44		morning max el	-2301 Apr 29 j 04:32	2°♌12'24	45°48'12	
	-2304 Oct 30 j 18:19	0°♌			-2301 May 26 j 06:37	0°♌		
	-2304 Nov 23 j 16:39	0°♌			-2301 Jun 22 j 02:10	0°♌		
	-2304 Dec 17 j 18:08	0°♌			-2301 Jul 17 j 16:23	0°♌		
	-2303 Jan 11 j 00:40	0°♌		asc. node	-2301 Aug 05 j 08:20	22°♌30'06		
	-2303 Feb 04 j 15:44	0°♌			-2301 Aug 11 j 11:42	0°♌		
asc. node	-2303 Feb 17 j 12:40	15°♌25'19			-2301 Sep 04 j 17:59	0°♌		
	-2303 Mar 01 j 21:10	0°♌			-2301 Sep 28 j 16:22	0°♌		
	-2303 Mar 28 j 03:15	0°♌			-2301 Oct 22 j 11:28	0°♌		
	-2303 Apr 25 j 12:01	0°♌		morning set	-2301 Oct 25 j 09:46	3°♌41'41		
evening max el	-2303 May 01 j 05:40	5°♌34'12	45°14'40		-2301 Nov 15 j 06:42	0°♌		
	-2303 Jun 01 j 13:01	0°♌		desc. node	-2301 Nov 25 j 00:52	12°♌16'28		
greatest brilliancy	-2303 Jun 06 j 02:57	2°♌10'15	-4.5m					
desc. node	-2303 Jun 09 j 05:11	3°♌19'25		superior conj	-2301 Dec 06 j 08:04	26°♌27'38	0°-26'-9	
retrograde	-2303 Jun 18 j 17:50	4°♌57'13		minimum elong	-2301 Dec 06 j 01:12	26°♌06'04	0°25'53	
evening set	-2303 Jul 04 j 14:05	0°♌12'29			-2301 Dec 09 j 03:49	0°♌		
	-2303 Jul 04 j 23:03	30°♌		max. Earth dist.	-2301 Dec 10 j 17:18	1°♌57'29	1.71364 AU	
inferior conj	-2303 Jul 09 j 23:21	27°♌01'26	-6°-28'-49		-2300 Jan 02 j 03:32	0°♌		
minimum elong	-2303 Jul 09 j 13:07	27°♌17'04	6°26'43	evening rise	-2300 Jan 16 j 18:23	18°♌12'11		
min. Earth dist.	-2303 Jul 10 j 06:17	26°♌50'50	0.28265 AU		-2300 Jan 26 j 06:29	0°♌		
morning rise	-2303 Jul 14 j 11:46	24°♌18'53			-2300 Feb 19 j 13:44	0°♌		
direct	-2303 Jul 31 j 09:39	18°♌54'49			-2300 Mar 15 j 02:54	0°♌		
greatest brilliancy	-2303 Aug 14 j 22:19	22°♌39'09	-4.6m	asc. node	-2300 Mar 17 j 00:51	2°♌19'30		
	-2303 Aug 26 j 20:26	0°♌			-2300 Apr 09 j 00:02	0°♌		
morning max el	-2303 Sep 19 j 16:37	21°♌12'13	46°39'35		-2300 May 04 j 08:00	0°♌		
	-2303 Sep 28 j 04:27	0°♌			-2300 May 30 j 08:42	0°♌		
asc. node	-2303 Sep 30 j 05:50	2°♌11'54			-2300 Jun 26 j 17:32	0°♌		
	-2303 Oct 24 j 22:14	0°♌		desc. node	-2300 Jul 06 j 16:54	10°♌16'02		
	-2303 Nov 19 j 02:16	0°♌		evening max el	-2300 Jul 12 j 20:45	16°♌20'52	46°16'12	
	-2303 Dec 13 j 16:38	0°♌			-2300 Jul 27 j 22:43	0°♌		
	-2302 Jan 07 j 03:05	0°♌		greatest brilliancy	-2300 Aug 21 j 04:24	15°♌18'29	-4.6m	
desc. node	-2302 Jan 19 j 22:33	15°♌44'15		retrograde	-2300 Aug 31 j 10:09	17°♌13'01		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2300 Sep 17 j 11:46	11° \mathbb{M} 43'47			-2297 Mar 06 j 04:48	0° \mathbb{H}	
inferior conj	-2300 Sep 21 j 02:51	9° \mathbb{M} 33'38	-7°-46'-38	evening rise	-2297 Mar 29 j 16:49	28° \mathbb{H} 54'10	
minimum elong	-2300 Sep 21 j 12:22	9° \mathbb{M} 19'10	7°45'06		-2297 Mar 30 j 14:17	0° \mathbb{Y}	
min. Earth dist.	-2300 Sep 21 j 17:12	9° \mathbb{M} 11'50	0.26812 AU	asc. node	-2297 Apr 14 j 12:51	18° \mathbb{Y} 18'34	
morning rise	-2300 Sep 25 j 12:44	6° \mathbb{M} 56'11			-2297 Apr 24 j 02:21	0° \mathbb{B}	
direct	-2300 Oct 11 j 16:44	1° \mathbb{M} 52'04			-2297 May 18 j 17:12	0° \mathbb{II}	
greatest brilliancy	-2300 Oct 24 j 17:37	5° \mathbb{M} 01'34	-4.7m		-2297 Jun 12 j 11:33	0° \mathbb{S}	
asc. node	-2300 Oct 27 j 17:20	6° \mathbb{M} 31'09			-2297 Jul 07 j 11:20	0° \mathbb{Q}	
	-2300 Nov 26 j 00:08	0° \mathbb{L}			-2297 Aug 01 j 20:36	0° \mathbb{M}	
morning max el	-2300 Dec 01 j 11:02	5° \mathbb{L} 27'59	46°52'13	desc. node	-2297 Aug 04 j 04:52	2° \mathbb{M} 44'10	
	-2300 Dec 24 j 05:28	0° \mathbb{M}			-2297 Aug 27 j 23:53	0° \mathbb{L}	
	-2299 Jan 19 j 08:28	0° \mathbb{J}			-2297 Sep 24 j 21:55	0° \mathbb{M}	
	-2299 Feb 13 j 18:46	0° \mathbb{Z}		evening max el	-2297 Sep 25 j 06:25	0° \mathbb{M} 21'25	47°27'15
desc. node	-2299 Feb 16 j 10:28	3° \mathbb{Z} 09'18			-2297 Oct 31 j 16:38	0° \mathbb{J}	
	-2299 Mar 10 j 21:46	0° \mathbb{A}		greatest brilliancy	-2297 Nov 03 j 00:22	1° \mathbb{J} 05'17	-4.7m
	-2299 Apr 04 j 20:22	0° \mathbb{H}		retrograde	-2297 Nov 15 j 04:46	3° \mathbb{J} 54'01	
	-2299 Apr 29 j 15:12	0° \mathbb{Y}		asc. node	-2297 Nov 25 j 05:08	1° \mathbb{J} 48'47	
	-2299 May 24 j 05:57	0° \mathbb{B}			-2297 Nov 29 j 01:25	30° \mathbb{R} \mathbb{M}	
morning set	-2299 Jun 01 j 17:03	10° \mathbb{B} 22'11		evening set	-2297 Nov 29 j 16:51	29° \mathbb{M} 39'19	
asc. node	-2299 Jun 09 j 10:41	19° \mathbb{B} 52'20		min. Earth dist.	-2297 Dec 05 j 01:01	26° \mathbb{M} 30'06	0.26682 AU
	-2299 Jun 17 j 16:02	0° \mathbb{II}		inferior conj	-2297 Dec 05 j 20:35	25° \mathbb{M} 59'50	2°40'51
max. Earth dist.	-2299 Jul 03 j 14:37	19° \mathbb{II} 43'00	1.72743 AU	minimum elong	-2297 Dec 05 j 14:53	26° \mathbb{M} 08'40	2°39'04
				morning rise	-2297 Dec 11 j 13:31	22° \mathbb{M} 36'23	
superior conj	-2299 Jul 07 j 22:00	25° \mathbb{II} 03'40	1°00'25	direct	-2297 Dec 26 j 03:48	18° \mathbb{M} 19'17	
minimum elong	-2299 Jul 07 j 13:17	24° \mathbb{II} 36'34	1°00'10	greatest brilliancy	-2296 Jan 06 j 02:48	20° \mathbb{M} 33'57	-4.6m
	-2299 Jul 11 j 21:27	0° \mathbb{S}			-2296 Jan 22 j 05:03	0° \mathbb{J}	
	-2299 Aug 04 j 23:13	0° \mathbb{Q}		morning max el	-2296 Feb 13 j 18:57	19° \mathbb{J} 50'33	46°19'09
evening rise	-2299 Aug 13 j 12:04	10° \mathbb{Q} 39'48			-2296 Feb 23 j 20:59	0° \mathbb{Z}	
	-2299 Aug 28 j 23:12	0° \mathbb{M}		desc. node	-2296 Mar 15 j 22:15	22° \mathbb{Z} 33'32	
	-2299 Sep 21 j 23:22	0° \mathbb{L}			-2296 Mar 22 j 15:01	0° \mathbb{A}	
desc. node	-2299 Sep 29 j 03:00	8° \mathbb{L} 55'25			-2296 Apr 17 j 22:43	0° \mathbb{H}	
	-2299 Oct 16 j 01:17	0° \mathbb{M}			-2296 May 13 j 13:09	0° \mathbb{Y}	
	-2299 Nov 09 j 06:30	0° \mathbb{J}			-2296 Jun 07 j 15:44	0° \mathbb{B}	
	-2299 Dec 03 j 17:55	0° \mathbb{Z}			-2296 Jul 02 j 08:18	0° \mathbb{II}	
	-2299 Dec 28 j 18:02	0° \mathbb{A}		asc. node	-2296 Jul 06 j 22:38	5° \mathbb{II} 38'13	
asc. node	-2298 Jan 20 j 02:44	25° \mathbb{A} 47'28			-2296 Jul 26 j 16:05	0° \mathbb{S}	
	-2298 Jan 23 j 21:20	0° \mathbb{H}		morning set	-2296 Aug 09 j 05:37	16° \mathbb{S} 53'31	
evening max el	-2298 Feb 17 j 02:47	25° \mathbb{H} 25'31	45°37'50		-2296 Aug 19 j 17:00	0° \mathbb{Q}	
	-2298 Feb 21 j 21:27	0° \mathbb{Y}			-2296 Sep 12 j 13:48	0° \mathbb{M}	
greatest brilliancy	-2298 Mar 23 j 06:50	21° \mathbb{Y} 58'21	-4.5m	max. Earth dist.	-2296 Sep 15 j 03:13	3° \mathbb{M} 13'23	1.71156 AU
retrograde	-2298 Apr 06 j 21:26	25° \mathbb{Y} 42'57					
evening set	-2298 Apr 22 j 12:56	21° \mathbb{Y} 01'50		superior conj	-2296 Sep 16 j 10:38	4° \mathbb{M} 52'22	1°16'10
inferior conj	-2298 Apr 28 j 09:22	17° \mathbb{Y} 29'46	3°01'42	minimum elong	-2296 Sep 16 j 18:55	5° \mathbb{M} 18'26	1°16'00
minimum elong	-2298 Apr 28 j 15:32	17° \mathbb{Y} 20'05	3°00'04		-2296 Oct 06 j 09:17	0° \mathbb{L}	
min. Earth dist.	-2298 Apr 28 j 21:56	17° \mathbb{Y} 10'00	0.29110 AU	desc. node	-2296 Oct 26 j 14:58	25° \mathbb{L} 27'49	
morning rise	-2298 May 04 j 17:46	13° \mathbb{Y} 39'30		evening rise	-2296 Oct 27 j 12:05	26° \mathbb{L} 34'07	
desc. node	-2298 May 11 j 19:20	10° \mathbb{Y} 28'56			-2296 Oct 30 j 05:38	0° \mathbb{M}	
direct	-2298 May 20 j 03:02	9° \mathbb{Y} 07'06			-2296 Nov 23 j 04:05	0° \mathbb{J}	
greatest brilliancy	-2298 Jun 03 j 02:43	12° \mathbb{Y} 29'57	-4.5m		-2296 Dec 17 j 05:43	0° \mathbb{Z}	
	-2298 Jun 28 j 05:04	0° \mathbb{B}			-2295 Jan 10 j 12:28	0° \mathbb{A}	
morning max el	-2298 Jul 08 j 04:06	9° \mathbb{B} 10'38	45°59'31		-2295 Feb 04 j 03:58	0° \mathbb{H}	
	-2298 Jul 28 j 11:12	0° \mathbb{II}		asc. node	-2295 Feb 16 j 14:52	14° \mathbb{H} 54'15	
	-2298 Aug 24 j 02:32	0° \mathbb{S}			-2295 Mar 01 j 10:20	0° \mathbb{Y}	
asc. node	-2298 Sep 01 j 20:18	10° \mathbb{S} 16'38			-2295 Mar 27 j 18:32	0° \mathbb{B}	
	-2298 Sep 18 j 06:16	0° \mathbb{Q}			-2295 Apr 25 j 09:09	0° \mathbb{II}	
	-2298 Oct 12 j 15:45	0° \mathbb{M}		evening max el	-2295 Apr 28 j 21:49	3° \mathbb{II} 24'02	45°13'51
	-2298 Nov 05 j 16:48	0° \mathbb{L}		greatest brilliancy	-2295 Jun 03 j 15:08	29° \mathbb{II} 53'54	-4.5m
	-2298 Nov 29 j 15:33	0° \mathbb{M}			-2295 Jun 03 j 21:02	0° \mathbb{S}	
desc. node	-2298 Dec 22 j 12:46	28° \mathbb{M} 37'07		desc. node	-2295 Jun 08 j 07:13	1° \mathbb{S} 32'23	
	-2298 Dec 23 j 15:19	0° \mathbb{J}		retrograde	-2295 Jun 16 j 08:32	2° \mathbb{S} 42'49	
morning set	-2297 Jan 10 j 19:12	22° \mathbb{J} 38'00			-2295 Jun 28 j 04:14	30° \mathbb{R} \mathbb{II}	
	-2297 Jan 16 j 17:21	0° \mathbb{Z}		evening set	-2295 Jul 02 j 01:54	28° \mathbb{II} 02'09	
	-2297 Feb 09 j 21:51	0° \mathbb{A}		inferior conj	-2295 Jul 07 j 14:09	24° \mathbb{II} 46'29	-6°-14'-1
				minimum elong	-2295 Jul 07 j 03:55	25° \mathbb{II} 02'08	6°11'51
superior conj	-2297 Feb 19 j 19:34	12° \mathbb{A} 14'59	-1°-24'-11	min. Earth dist.	-2295 Jul 07 j 20:42	24° \mathbb{II} 36'26	0.28304 AU
minimum elong	-2297 Feb 19 j 21:03	12° \mathbb{A} 19'32	1°24'14	morning rise	-2295 Jul 12 j 05:37	21° \mathbb{II} 59'22	
max. Earth dist.	-2297 Feb 22 j 16:48	15° \mathbb{A} 48'44	1.72939 AU	direct	-2295 Jul 29 j 01:38	16° \mathbb{II} 39'23	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2295 Aug 12 j 13:14	20° Π 22'37	-4.6m	asc. node	-2292 Mar 16 j 02:52	1° Υ 51'00	
	-2295 Aug 27 j 11:52	0° \mathfrak{S}			-2292 Apr 08 j 11:54	0° \mathfrak{B}	
morning max el	-2295 Sep 17 j 07:19	18° \mathfrak{S} 52'23	46°38'17		-2292 May 03 j 20:49	0° Π	
	-2295 Sep 27 j 23:51	0° Ω			-2292 May 29 j 23:20	0° \mathfrak{S}	
asc. node	-2295 Sep 29 j 07:51	1° Ω 26'09			-2292 Jun 26 j 12:20	0° Ω	
	-2295 Oct 24 j 13:29	0° \mathfrak{M}		desc. node	-2292 Jul 05 j 19:06	9° Ω 27'40	
	-2295 Nov 18 j 15:47	0° \mathfrak{A}		evening max el	-2292 Jul 10 j 08:34	13° Ω 56'11	46°13'09
	-2295 Dec 13 j 05:15	0° \mathfrak{M}			-2292 Jul 28 j 10:01	0° \mathfrak{M}	
	-2294 Jan 06 j 15:06	0° \mathfrak{X}		greatest brilliancy	-2292 Aug 18 j 16:55	12° \mathfrak{M} 52'54	-4.6m
desc. node	-2294 Jan 19 j 00:43	15° \mathfrak{X} 14'47		retrograde	-2292 Aug 28 j 21:24	14° \mathfrak{M} 46'42	
	-2294 Jan 31 j 00:54	0° \mathfrak{Z}		evening set	-2292 Sep 15 j 03:05	9° \mathfrak{M} 12'50	
	-2294 Feb 24 j 11:27	0° \approx		inferior conj	-2292 Sep 18 j 15:14	7° \mathfrak{M} 07'06	-7°-57'-45
	-2294 Mar 20 j 22:35	0° \mathfrak{X}		minimum elong	-2292 Sep 19 j 00:15	6° \mathfrak{M} 53'24	7°56'25
morning set	-2294 Mar 24 j 05:32	4° \mathfrak{X} 01'57		min. Earth dist.	-2292 Sep 19 j 06:19	6° \mathfrak{M} 44'11	0.26866 AU
	-2294 Apr 14 j 09:49	0° Υ		morning rise	-2292 Sep 22 j 21:09	4° \mathfrak{M} 35'11	
max. Earth dist.	-2294 Apr 28 j 17:52	17° Υ 35'00	1.73711 AU		-2292 Oct 03 j 20:07	30° \mathfrak{R} Ω	
				direct	-2292 Oct 09 j 05:14	29° Ω 24'25	
superior conj	-2294 Apr 29 j 18:04	18° Υ 49'16	0°-28'-22		-2292 Oct 14 j 17:14	0° \mathfrak{M}	
minimum elong	-2294 Apr 29 j 23:28	19° Υ 05'51	0°28'06	greatest brilliancy	-2292 Oct 22 j 09:27	2° \mathfrak{M} 37'01	-4.7m
	-2294 May 08 j 20:34	0° \mathfrak{B}		asc. node	-2292 Oct 26 j 19:27	4° \mathfrak{M} 54'55	
asc. node	-2294 May 12 j 00:51	3° \mathfrak{B} 54'16			-2292 Nov 26 j 00:49	0° \mathfrak{A}	
	-2294 Jun 02 j 06:12	0° Π		morning max el	-2292 Nov 28 j 23:36	2° \mathfrak{A} 58'59	46°52'44
evening rise	-2294 Jun 04 j 14:10	2° Π 52'16			-2292 Dec 23 j 22:31	0° \mathfrak{M}	
	-2294 Jun 26 j 14:36	0° \mathfrak{S}			-2291 Jan 18 j 22:44	0° \mathfrak{X}	
	-2294 Jul 20 j 22:34	0° Ω			-2291 Feb 13 j 07:35	0° \mathfrak{Z}	
	-2294 Aug 14 j 07:41	0° \mathfrak{M}		desc. node	-2291 Feb 15 j 12:35	2° \mathfrak{Z} 37'46	
desc. node	-2294 Aug 31 j 16:59	21° \mathfrak{M} 17'56			-2291 Mar 10 j 09:42	0° \approx	
	-2294 Sep 07 j 20:05	0° \mathfrak{A}			-2291 Apr 04 j 07:44	0° \mathfrak{X}	
	-2294 Oct 02 j 14:33	0° \mathfrak{M}			-2291 Apr 29 j 02:13	0° Υ	
	-2294 Oct 27 j 20:55	0° \mathfrak{X}			-2291 May 23 j 16:44	0° \mathfrak{B}	
	-2294 Nov 23 j 07:24	0° \mathfrak{Z}		morning set	-2291 May 30 j 11:37	8° \mathfrak{B} 18'57	
evening max el	-2294 Dec 05 j 20:02	13° \mathfrak{Z} 15'01	47°00'58	asc. node	-2291 Jun 08 j 12:52	19° \mathfrak{B} 26'05	
asc. node	-2294 Dec 22 j 17:01	29° \mathfrak{Z} 15'02			-2291 Jun 17 j 02:44	0° Π	
	-2294 Dec 23 j 14:03	0° \approx		max. Earth dist.	-2291 Jul 01 j 10:48	17° Π 43'37	1.72798 AU
greatest brilliancy	-2293 Jan 11 j 02:04	12° \approx 49'10	-4.6m				
retrograde	-2293 Jan 25 j 12:48	16° \approx 37'37		superior conj	-2291 Jul 05 j 16:03	22° Π 57'30	0°58'09
evening set	-2293 Feb 12 j 07:29	10° \approx 26'18		minimum elong	-2291 Jul 05 j 07:21	22° Π 30'31	0°57'54
min. Earth dist.	-2293 Feb 15 j 04:38	8° \approx 37'08	0.28672 AU		-2291 Jul 11 j 08:10	0° \mathfrak{S}	
inferior conj	-2293 Feb 15 j 17:35	8° \approx 16'26	8°26'14		-2291 Aug 04 j 10:03	0° Ω	
minimum elong	-2293 Feb 15 j 17:41	8° \approx 16'17	8°26'11	evening rise	-2291 Aug 11 j 03:54	8° Ω 25'21	
morning rise	-2293 Feb 19 j 04:11	6° \approx 06'32			-2291 Aug 28 j 10:14	0° \mathfrak{M}	
direct	-2293 Mar 08 j 23:38	0° \approx 03'23			-2291 Sep 21 j 10:39	0° \mathfrak{A}	
greatest brilliancy	-2293 Mar 20 j 07:02	2° \approx 22'26	-4.5m	desc. node	-2291 Sep 28 j 05:00	8° \mathfrak{A} 26'14	
desc. node	-2293 Apr 13 j 09:42	17° \approx 56'36			-2291 Oct 15 j 12:52	0° \mathfrak{M}	
	-2293 Apr 26 j 19:33	0° \mathfrak{X}			-2291 Nov 08 j 18:28	0° \mathfrak{X}	
morning max el	-2293 Apr 26 j 19:31	29° \approx 59'54	45°48'35		-2291 Dec 03 j 06:29	0° \mathfrak{Z}	
	-2293 May 25 j 22:28	0° Υ			-2291 Dec 28 j 07:41	0° \approx	
	-2293 Jun 21 j 15:33	0° \mathfrak{B}		asc. node	-2290 Jan 19 j 04:55	25° \approx 10'00	
	-2293 Jul 17 j 04:36	0° Π			-2290 Jan 23 j 13:27	0° \mathfrak{X}	
asc. node	-2293 Aug 04 j 10:34	22° Π 01'13		evening max el	-2290 Feb 14 j 17:29	23° \mathfrak{X} 11'24	45°40'14
	-2293 Aug 10 j 23:19	0° \mathfrak{S}			-2290 Feb 21 j 21:45	0° Υ	
	-2293 Sep 04 j 05:19	0° Ω		greatest brilliancy	-2290 Mar 20 j 21:27	19° Υ 48'29	-4.5m
	-2293 Sep 28 j 03:35	0° \mathfrak{M}		retrograde	-2290 Apr 04 j 14:24	23° Υ 36'18	
	-2293 Oct 21 j 22:39	0° \mathfrak{A}		evening set	-2290 Apr 20 j 07:36	18° Υ 51'36	
morning set	-2293 Oct 22 j 20:23	1° \mathfrak{A} 08'34		inferior conj	-2290 Apr 26 j 02:06	15° Υ 22'15	3°19'26
	-2293 Nov 14 j 17:50	0° \mathfrak{M}		minimum elong	-2290 Apr 26 j 08:45	15° Υ 11'48	3°17'41
desc. node	-2293 Nov 24 j 02:57	11° \mathfrak{M} 48'05		min. Earth dist.	-2290 Apr 26 j 14:34	15° Υ 02'40	0.29128 AU
				morning rise	-2290 May 02 j 09:35	11° Υ 33'23	
superior conj	-2293 Dec 03 j 17:02	23° \mathfrak{M} 50'25	0°-22'-17	desc. node	-2290 May 10 j 21:28	7° Υ 55'57	
minimum elong	-2293 Dec 03 j 11:05	23° \mathfrak{M} 31'46	0°22'04	direct	-2290 May 17 j 19:28	6° Υ 59'08	
max. Earth dist.	-2293 Dec 08 j 01:29	29° \mathfrak{M} 17'59	1.71315 AU	greatest brilliancy	-2290 May 31 j 19:20	10° Υ 22'21	-4.5m
	-2293 Dec 08 j 14:54	0° \mathfrak{X}			-2290 Jun 28 j 07:29	0° \mathfrak{B}	
	-2292 Jan 01 j 14:34	0° \mathfrak{Z}		morning max el	-2290 Jul 05 j 20:50	7° \mathfrak{B} 02'15	45°58'34
evening rise	-2292 Jan 14 j 05:51	15° \mathfrak{Z} 44'20			-2290 Jul 28 j 03:47	0° Π	
	-2292 Jan 25 j 17:31	0° \approx			-2290 Aug 23 j 16:15	0° \mathfrak{S}	
	-2292 Feb 19 j 00:51	0° \mathfrak{X}		asc. node	-2290 Aug 31 j 22:15	9° \mathfrak{S} 43'17	
	-2292 Mar 14 j 14:17	0° Υ			-2290 Sep 17 j 18:45	0° Ω	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2290 Oct 12 j 03:37	0° \mathbb{M}		evening max el	-2287 Apr 26 j 13:44	1° \mathbb{I} 13'52	45°13'11
	-2290 Nov 05 j 04:18	0° \mathbb{L}		greatest brilliancy	-2287 Jun 01 j 04:39	27° \mathbb{I} 39'57	-4.5m
	-2290 Nov 29 j 02:49	0° \mathbb{M}		desc. node	-2287 Jun 07 j 09:23	29° \mathbb{I} 42'27	
desc. node	-2290 Dec 21 j 14:56	28° \mathbb{M} 09'12			-2287 Jun 08 j 18:42	0° \mathbb{S}	
	-2290 Dec 23 j 02:26	0° \mathbb{J}		retrograde	-2287 Jun 13 j 22:56	0° \mathbb{S} 29'39	
morning set	-2289 Jan 08 j 06:02	20° \mathbb{J} 08'02			-2287 Jun 19 j 00:01	30° \mathbb{R} \mathbb{I}	
	-2289 Jan 16 j 04:20	0° \mathbb{Z}		evening set	-2287 Jun 29 j 14:05	25° \mathbb{I} 52'54	
	-2289 Feb 09 j 08:42	0° \approx		inferior conj	-2287 Jul 05 j 05:09	22° \mathbb{I} 32'54	-5°-58'-47
				minimum elong	-2287 Jul 04 j 19:00	22° \mathbb{I} 48'29	5°56'33
superior conj	-2289 Feb 17 j 10:04	9° \approx 58'06	-1°-24'-23	min. Earth dist.	-2287 Jul 05 j 11:36	22° \mathbb{I} 23'00	0.28340 AU
minimum elong	-2289 Feb 17 j 10:43	10° \approx 00'07	1°24'27	morning rise	-2287 Jul 09 j 23:34	19° \mathbb{I} 41'11	
max. Earth dist.	-2289 Feb 20 j 07:53	13° \approx 33'49	1.72889 AU	direct	-2287 Jul 26 j 17:24	14° \mathbb{I} 25'18	
	-2289 Mar 05 j 15:33	0° \mathbb{K}		greatest brilliancy	-2287 Aug 10 j 03:54	18° \mathbb{I} 06'46	-4.6m
evening rise	-2289 Mar 27 j 09:46	26° \mathbb{K} 46'00			-2287 Aug 27 j 23:03	0° \mathbb{S}	
	-2289 Mar 30 j 01:01	0° \mathbb{Y}		morning max el	-2287 Sep 14 j 21:12	16° \mathbb{S} 31'16	46°36'54
asc. node	-2289 Apr 13 j 14:54	17° \mathbb{Y} 51'44			-2287 Sep 27 j 18:30	0° \mathbb{Q}	
	-2289 Apr 23 j 13:14	0° \mathbb{B}		asc. node	-2287 Sep 28 j 09:56	0° \mathbb{Q} 41'52	
	-2289 May 18 j 04:24	0° \mathbb{I}			-2287 Oct 24 j 04:20	0° \mathbb{M}	
	-2289 Jun 11 j 23:18	0° \mathbb{S}			-2287 Nov 18 j 05:03	0° \mathbb{L}	
	-2289 Jul 06 j 23:57	0° \mathbb{Q}			-2287 Dec 12 j 17:37	0° \mathbb{M}	
	-2289 Aug 01 j 10:36	0° \mathbb{M}			-2286 Jan 06 j 02:54	0° \mathbb{J}	
desc. node	-2289 Aug 03 j 06:58	2° \mathbb{M} 09'06		desc. node	-2286 Jan 18 j 02:48	14° \mathbb{J} 45'39	
	-2289 Aug 27 j 16:28	0° \mathbb{L}			-2286 Jan 30 j 12:16	0° \mathbb{Z}	
evening max el	-2289 Sep 22 j 21:07	27° \mathbb{L} 59'52	47°26'16		-2286 Feb 23 j 22:30	0° \approx	
	-2289 Sep 24 j 21:12	0° \mathbb{M}			-2286 Mar 20 j 09:25	0° \mathbb{K}	
greatest brilliancy	-2289 Oct 31 j 14:37	28° \mathbb{M} 38'53	-4.7m	morning set	-2286 Mar 21 j 22:42	1° \mathbb{K} 54'19	
	-2289 Nov 04 j 04:04	0° \mathbb{J}			-2286 Apr 13 j 20:33	0° \mathbb{Y}	
retrograde	-2289 Nov 12 j 18:38	1° \mathbb{J} 26'46		max. Earth dist.	-2286 Apr 26 j 15:22	15° \mathbb{Y} 40'54	1.73711 AU
	-2289 Nov 21 j 01:50	30° \mathbb{R} \mathbb{M}					
asc. node	-2289 Nov 24 j 07:15	28° \mathbb{M} 41'38		superior conj	-2286 Apr 27 j 12:37	16° \mathbb{Y} 46'04	0°-31'-15
evening set	-2289 Nov 27 j 05:12	27° \mathbb{M} 13'22		minimum elong	-2286 Apr 27 j 18:30	17° \mathbb{Y} 04'08	0°30'59
min. Earth dist.	-2289 Dec 02 j 14:39	24° \mathbb{M} 02'30	0.26634 AU		-2286 May 08 j 07:16	0° \mathbb{B}	
inferior conj	-2289 Dec 03 j 09:32	23° \mathbb{M} 33'23	2°18'19	asc. node	-2286 May 11 j 03:02	3° \mathbb{B} 28'05	
minimum elong	-2289 Dec 03 j 04:33	23° \mathbb{M} 41'04	2°16'44		-2286 Jun 01 j 16:59	0° \mathbb{I}	
morning rise	-2289 Dec 09 j 04:33	20° \mathbb{M} 07'44		evening rise	-2286 Jun 02 j 09:27	0° \mathbb{I} 50'40	
direct	-2289 Dec 23 j 16:53	15° \mathbb{M} 53'40			-2286 Jun 26 j 01:35	0° \mathbb{S}	
greatest brilliancy	-2288 Jan 03 j 16:15	18° \mathbb{M} 09'28	-4.6m		-2286 Jul 20 j 09:52	0° \mathbb{Q}	
	-2288 Jan 22 j 20:46	0° \mathbb{J}			-2286 Aug 13 j 19:29	0° \mathbb{M}	
morning max el	-2288 Feb 11 j 09:50	17° \mathbb{J} 33'05	46°20'29	desc. node	-2286 Aug 30 j 18:58	20° \mathbb{M} 46'35	
	-2288 Feb 23 j 16:27	0° \mathbb{Z}			-2286 Sep 07 j 08:33	0° \mathbb{L}	
desc. node	-2288 Mar 15 j 00:13	21° \mathbb{Z} 55'33			-2286 Oct 02 j 03:59	0° \mathbb{M}	
	-2288 Mar 22 j 05:58	0° \approx			-2286 Oct 27 j 11:56	0° \mathbb{J}	
	-2288 Apr 17 j 11:41	0° \mathbb{K}			-2286 Nov 23 j 01:57	0° \mathbb{Z}	
	-2288 May 13 j 01:04	0° \mathbb{Y}		evening max el	-2286 Dec 03 j 11:03	10° \mathbb{Z} 55'35	47°03'28
	-2288 Jun 07 j 03:02	0° \mathbb{B}		asc. node	-2286 Dec 21 j 19:11	28° \mathbb{Z} 11'56	
	-2288 Jul 01 j 19:17	0° \mathbb{I}			-2286 Dec 23 j 23:25	0° \approx	
asc. node	-2288 Jul 06 j 00:44	5° \mathbb{I} 11'05		greatest brilliancy	-2285 Jan 08 j 20:53	10° \approx 38'11	-4.6m
	-2288 Jul 26 j 02:57	0° \mathbb{S}		retrograde	-2285 Jan 23 j 04:49	14° \approx 23'56	
morning set	-2288 Aug 06 j 21:07	14° \mathbb{S} 38'16		evening set	-2285 Feb 09 j 23:06	8° \approx 14'11	
	-2288 Aug 19 j 03:51	0° \mathbb{Q}		inferior conj	-2285 Feb 13 j 09:45	6° \approx 03'23	8°26'31
	-2288 Sep 12 j 00:41	0° \mathbb{M}		minimum elong	-2285 Feb 13 j 09:06	6° \approx 04'26	8°26'29
max. Earth dist.	-2288 Sep 12 j 09:52	0° \mathbb{M} 28'53	1.71189 AU	min. Earth dist.	-2285 Feb 12 j 19:51	6° \approx 25'39	0.28614 AU
				morning rise	-2285 Feb 16 j 19:23	3° \approx 54'48	
superior conj	-2288 Sep 13 j 23:32	2° \mathbb{M} 27'28	1°17'40		-2285 Feb 24 j 06:35	30° \mathbb{R} \mathbb{Z}	
minimum elong	-2288 Sep 14 j 07:08	2° \mathbb{M} 51'23	1°17'33	direct	-2285 Mar 06 j 14:53	27° \mathbb{Z} 51'24	
	-2288 Oct 05 j 20:15	0° \mathbb{L}			-2285 Mar 17 j 11:42	0° \approx	
evening rise	-2288 Oct 24 j 21:32	23° \mathbb{L} 58'17		greatest brilliancy	-2285 Mar 17 j 20:23	0° \approx 08'17	-4.5m
desc. node	-2288 Oct 25 j 17:08	24° \mathbb{L} 59'51		desc. node	-2285 Apr 12 j 11:53	16° \approx 58'25	
	-2288 Oct 29 j 16:41	0° \mathbb{M}		morning max el	-2285 Apr 24 j 09:53	27° \approx 46'05	45°48'57
	-2288 Nov 22 j 15:15	0° \mathbb{J}			-2285 Apr 26 j 17:36	0° \mathbb{K}	
	-2288 Dec 16 j 17:00	0° \mathbb{Z}			-2285 May 25 j 14:03	0° \mathbb{Y}	
	-2287 Jan 09 j 23:59	0° \approx			-2285 Jun 21 j 04:50	0° \mathbb{B}	
	-2287 Feb 03 j 15:59	0° \mathbb{K}			-2285 Jul 16 j 16:47	0° \mathbb{I}	
asc. node	-2287 Feb 15 j 16:50	14° \mathbb{K} 23'05		asc. node	-2285 Aug 03 j 12:33	21° \mathbb{I} 31'34	
	-2287 Feb 28 j 23:23	0° \mathbb{Y}			-2285 Aug 10 j 10:56	0° \mathbb{S}	
	-2287 Mar 27 j 09:50	0° \mathbb{B}			-2285 Sep 03 j 16:39	0° \mathbb{Q}	
	-2287 Apr 25 j 06:50	0° \mathbb{I}			-2285 Sep 27 j 14:48	0° \mathbb{M}	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2285 Oct 20 j 07:08	28° \mathbb{M} 35'45		evening set	-2282 Apr 18 j 02:26	16° Υ 40'39	
	-2285 Oct 21 j 09:51	0° $\underline{\mathbf{A}}$		inferior conj	-2282 Apr 23 j 18:51	13° Υ 14'00	3°36'46
	-2285 Nov 14 j 05:01	0° \mathbb{M}		minimum elong	-2282 Apr 24 j 01:58	13° Υ 02'49	3°34'57
desc. node	-2285 Nov 23 j 05:06	11° \mathbb{M} 19'41		min. Earth dist.	-2282 Apr 24 j 06:53	12° Υ 55'07	0.29141 AU
				morning rise	-2282 Apr 30 j 01:18	9° Υ 26'48	
superior conj	-2285 Dec 01 j 02:02	21° \mathbb{M} 13'03	0°-18'-23	desc. node	-2282 May 09 j 23:34	5° Υ 27'05	
minimum elong	-2285 Nov 30 j 21:04	20° \mathbb{M} 57'29	0°18'12	direct	-2282 May 15 j 12:22	4° Υ 50'40	
max. Earth dist.	-2285 Dec 05 j 06:01	26° \mathbb{M} 26'42	1.71271 AU	greatest brilliancy	-2282 May 29 j 11:08	8° Υ 13'17	-4.5m
	-2285 Dec 08 j 02:03	0° \mathbf{x}			-2282 Jun 28 j 08:47	0° \mathbf{x}	
	-2284 Jan 01 j 01:42	0° $\underline{\mathbf{C}}$		morning max el	-2282 Jul 03 j 13:54	4° \mathbf{x} 54'13	45°57'32
evening rise	-2284 Jan 11 j 17:17	13° $\underline{\mathbf{C}}$ 15'59			-2282 Jul 27 j 20:20	0° \mathbb{I}	
	-2284 Jan 25 j 04:38	0° \approx			-2282 Aug 23 j 06:11	0° $\underline{\mathbf{C}}$	
	-2284 Feb 18 j 12:03	0° \mathbf{x}		asc. node	-2282 Aug 31 j 00:23	9° $\underline{\mathbf{C}}$ 09'37	
	-2284 Mar 14 j 01:44	0° Υ			-2282 Sep 17 j 07:32	0° Ω	
asc. node	-2284 Mar 15 j 04:59	1° Υ 22'40			-2282 Oct 11 j 15:49	0° \mathbb{M}	
	-2284 Apr 07 j 23:52	0° \mathbf{x}			-2282 Nov 04 j 16:09	0° $\underline{\mathbf{A}}$	
	-2284 May 03 j 09:47	0° \mathbb{I}			-2282 Nov 28 j 14:26	0° \mathbb{M}	
	-2284 May 29 j 14:17	0° $\underline{\mathbf{C}}$		desc. node	-2282 Dec 20 j 16:58	27° \mathbb{M} 39'49	
	-2284 Jun 26 j 07:52	0° Ω			-2282 Dec 22 j 13:52	0° \mathbf{x}	
desc. node	-2284 Jul 04 j 21:10	8° Ω 37'36		morning set	-2281 Jan 05 j 16:36	17° \mathbf{x} 36'07	
evening max el	-2284 Jul 07 j 20:29	11° Ω 31'28	46°10'10		-2281 Jan 15 j 15:38	0° $\underline{\mathbf{C}}$	
	-2284 Jul 29 j 01:22	0° \mathbb{M}			-2281 Feb 08 j 19:53	0° \approx	
greatest brilliancy	-2284 Aug 16 j 04:40	10° \mathbb{M} 26'18	-4.6m				
retrograde	-2284 Aug 26 j 09:15	12° \mathbb{M} 20'31		superior conj	-2281 Feb 15 j 00:14	7° \approx 39'01	-1°-24'-26
evening set	-2284 Sep 12 j 18:16	6° \mathbb{M} 41'57		minimum elong	-2281 Feb 15 j 00:02	7° \approx 38'25	1°24'30
inferior conj	-2284 Sep 16 j 03:42	4° \mathbb{M} 40'23	-8°-7'-45	max. Earth dist.	-2281 Feb 18 j 00:29	11° \approx 22'23	1.72840 AU
minimum elong	-2284 Sep 16 j 12:09	4° \mathbb{M} 27'36	8°06'38		-2281 Mar 05 j 02:40	0° \mathbf{x}	
min. Earth dist.	-2284 Sep 16 j 19:13	4° \mathbb{M} 16'53	0.26921 AU	evening rise	-2281 Mar 25 j 02:36	24° \mathbf{x} 36'14	
morning rise	-2284 Sep 20 j 05:45	2° \mathbb{M} 14'12			-2281 Mar 29 j 12:08	0° Υ	
	-2284 Sep 24 j 10:49	30° \mathbf{x} Ω		asc. node	-2281 Apr 12 j 17:06	17° Υ 24'14	
direct	-2284 Oct 06 j 18:02	26° Ω 56'35			-2281 Apr 23 j 00:29	0° \mathbf{x}	
	-2284 Oct 19 j 14:19	0° \mathbb{M}			-2281 May 17 j 15:58	0° \mathbb{I}	
greatest brilliancy	-2284 Oct 20 j 01:36	0° \mathbb{M} 12'53	-4.7m		-2281 Jun 11 j 11:25	0° $\underline{\mathbf{C}}$	
asc. node	-2284 Oct 25 j 21:38	3° \mathbb{M} 22'03			-2281 Jul 06 j 12:57	0° Ω	
	-2284 Nov 26 j 00:33	0° $\underline{\mathbf{A}}$			-2281 Aug 01 j 01:04	0° \mathbb{M}	
morning max el	-2284 Nov 26 j 12:57	0° $\underline{\mathbf{A}}$ 31'38	46°53'10	desc. node	-2281 Aug 02 j 08:56	1° \mathbb{M} 32'25	
	-2284 Dec 23 j 15:25	0° \mathbb{M}			-2281 Aug 27 j 09:49	0° $\underline{\mathbf{A}}$	
	-2283 Jan 18 j 13:03	0° \mathbf{x}		evening max el	-2281 Sep 20 j 12:13	25° $\underline{\mathbf{A}}$ 37'50	47°24'54
	-2283 Feb 12 j 20:32	0° $\underline{\mathbf{C}}$			-2281 Sep 24 j 22:10	0° \mathbb{M}	
desc. node	-2283 Feb 14 j 14:32	2° $\underline{\mathbf{C}}$ 05'13		greatest brilliancy	-2281 Oct 29 j 05:27	26° \mathbb{M} 11'10	-4.7m
	-2283 Mar 09 j 21:49	0° \approx		retrograde	-2281 Nov 10 j 08:15	28° \mathbb{M} 56'50	
	-2283 Apr 03 j 19:17	0° \mathbf{x}		asc. node	-2281 Nov 23 j 09:22	25° \mathbb{M} 27'15	
	-2283 Apr 28 j 13:23	0° Υ		evening set	-2281 Nov 24 j 17:33	24° \mathbb{M} 44'53	
	-2283 May 23 j 03:42	0° \mathbf{x}		min. Earth dist.	-2281 Nov 30 j 04:06	21° \mathbb{M} 32'21	0.26586 AU
morning set	-2283 May 28 j 06:27	6° \mathbf{x} 15'59		inferior conj	-2281 Nov 30 j 22:10	21° \mathbb{M} 04'30	1°55'12
asc. node	-2283 Jun 07 j 14:57	18° \mathbf{x} 59'01		minimum elong	-2281 Nov 30 j 17:58	21° \mathbb{M} 10'58	1°53'50
	-2283 Jun 16 j 13:37	0° \mathbb{I}		morning rise	-2281 Dec 06 j 19:08	17° \mathbb{M} 36'43	
max. Earth dist.	-2283 Jun 29 j 08:22	15° \mathbb{I} 47'54	1.72855 AU	direct	-2281 Dec 21 j 05:48	13° \mathbb{M} 25'52	
				greatest brilliancy	-2280 Jan 01 j 04:53	15° \mathbb{M} 41'55	-4.6m
superior conj	-2283 Jul 03 j 10:13	20° \mathbb{I} 51'04	0°55'50		-2280 Jan 23 j 09:14	0° \mathbf{x}	
minimum elong	-2283 Jul 03 j 01:36	20° \mathbb{I} 24'23	0°55'34	morning max el	-2280 Feb 08 j 23:47	15° \mathbf{x} 11'55	46°21'49
	-2283 Jul 10 j 19:07	0° $\underline{\mathbf{C}}$			-2280 Feb 23 j 11:50	0° $\underline{\mathbf{C}}$	
	-2283 Aug 03 j 21:09	0° Ω		desc. node	-2280 Mar 14 j 02:26	21° $\underline{\mathbf{C}}$ 17'31	
evening rise	-2283 Aug 08 j 19:52	6° Ω 10'34			-2280 Mar 21 j 21:07	0° \approx	
	-2283 Aug 27 j 21:32	0° \mathbb{M}			-2280 Apr 17 j 00:57	0° \mathbf{x}	
	-2283 Sep 20 j 22:12	0° $\underline{\mathbf{A}}$			-2280 May 12 j 13:19	0° Υ	
desc. node	-2283 Sep 27 j 07:09	7° $\underline{\mathbf{A}}$ 56'39			-2280 Jun 06 j 14:41	0° \mathbf{x}	
	-2283 Oct 15 j 00:43	0° \mathbb{M}			-2280 Jul 01 j 06:37	0° \mathbb{I}	
	-2283 Nov 08 j 06:44	0° \mathbf{x}		asc. node	-2280 Jul 05 j 02:47	4° \mathbb{I} 42'44	
	-2283 Dec 02 j 19:23	0° $\underline{\mathbf{C}}$			-2280 Jul 25 j 14:07	0° $\underline{\mathbf{C}}$	
	-2283 Dec 27 j 21:46	0° \approx		morning set	-2280 Aug 04 j 13:02	12° $\underline{\mathbf{C}}$ 23'28	
asc. node	-2282 Jan 18 j 06:54	24° \approx 30'42			-2280 Aug 18 j 15:00	0° Ω	
	-2282 Jan 23 j 06:12	0° \mathbf{x}		max. Earth dist.	-2280 Sep 09 j 15:49	27° Ω 41'18	1.71229 AU
evening max el	-2282 Feb 12 j 09:08	20° \mathbf{x} 58'39	45°42'42		-2280 Sep 11 j 11:53	0° \mathbb{M}	
	-2282 Feb 21 j 23:44	0° Υ					
greatest brilliancy	-2282 Mar 18 j 12:48	17° Υ 38'48	-4.5m	superior conj	-2280 Sep 11 j 12:51	0° \mathbb{M} 03'00	1°19'00
retrograde	-2282 Apr 02 j 07:51	21° Υ 28'49		minimum elong	-2280 Sep 11 j 19:44	0° \mathbb{M} 24'42	1°18'55

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2280 Oct 05 j 07:34	0°♄		desc. node	-2277 Apr 11 j 14:01	16°≈00'31	
evening rise	-2280 Oct 22 j 06:53	21°♄20'58		morning max el	-2277 Apr 22 j 00:17	25°≈31'21	45°49'28
desc. node	-2280 Oct 24 j 19:15	24°♄30'37			-2277 Apr 26 j 15:10	0°♄	
	-2280 Oct 29 j 04:08	0°♄			-2277 May 25 j 05:38	0°♄	
	-2280 Nov 22 j 02:49	0°♄			-2277 Jun 20 j 18:12	0°♄	
	-2280 Dec 16 j 04:43	0°♄			-2277 Jul 16 j 05:05	0°♄	
	-2279 Jan 09 j 11:57	0°≈		asc. node	-2277 Aug 02 j 14:39	21°♄01'49	
	-2279 Feb 03 j 04:28	0°♄			-2277 Aug 09 j 22:40	0°♄	
asc. node	-2279 Feb 14 j 18:58	13°♄51'11			-2277 Sep 03 j 04:05	0°♄	
	-2279 Feb 28 j 12:57	0°♄			-2277 Sep 27 j 02:06	0°♄	
	-2279 Mar 27 j 01:49	0°♄		morning set	-2277 Oct 17 j 18:27	26°♄04'34	
evening max el	-2279 Apr 24 j 04:51	29°♄00'34	45°12'35		-2277 Oct 20 j 21:04	0°♄	
	-2279 Apr 25 j 05:55	0°♄			-2277 Nov 13 j 16:12	0°♄	
greatest brilliancy	-2279 May 29 j 18:30	25°♄25'24	-4.5m	desc. node	-2277 Nov 22 j 07:07	10°♄50'56	
desc. node	-2279 Jun 06 j 11:27	27°♄47'23					
retrograde	-2279 Jun 11 j 13:09	28°♄15'52		superior conj	-2277 Nov 28 j 11:22	18°♄36'41	0°-14'-28
evening set	-2279 Jun 27 j 02:28	23°♄42'40		minimum elong	-2277 Nov 28 j 07:25	18°♄24'18	0°14'20
inferior conj	-2279 Jul 02 j 20:14	20°♄18'50	-5°-43'-7	behind sun begin	-2277 Nov 27 j 18:13	17°♄42'49	
minimum elong	-2279 Jul 02 j 10:12	20°♄34'16	5°40'49	behind sun end	-2277 Nov 28 j 20:38	19°♄05'46	
min. Earth dist.	-2279 Jul 03 j 02:59	20°♄08'27	0.28372 AU	max. Earth dist.	-2277 Dec 02 j 10:09	23°♄34'10	1.71232 AU
morning rise	-2279 Jul 07 j 17:31	17°♄22'36			-2277 Dec 07 j 13:12	0°♄	
direct	-2279 Jul 24 j 08:38	12°♄10'38			-2277 Dec 31 j 12:50	0°♄	
greatest brilliancy	-2279 Aug 07 j 18:55	15°♄50'48	-4.6m	evening rise	-2276 Jan 09 j 04:47	10°♄47'43	
	-2279 Aug 28 j 07:34	0°♄			-2276 Jan 24 j 15:49	0°≈	
morning max el	-2279 Sep 12 j 10:25	14°♄07'58	46°35'39		-2276 Feb 17 j 23:21	0°♄	
asc. node	-2279 Sep 27 j 12:11	29°♄58'03			-2276 Mar 13 j 13:17	0°♄	
	-2279 Sep 27 j 12:54	0°♄		asc. node	-2276 Mar 14 j 07:09	0°♄54'07	
	-2279 Oct 23 j 19:15	0°♄			-2276 Apr 07 j 11:59	0°♄	
	-2279 Nov 17 j 18:28	0°♄			-2276 May 02 j 22:57	0°♄	
	-2279 Dec 12 j 06:16	0°♄			-2276 May 29 j 05:31	0°♄	
	-2278 Jan 05 j 15:01	0°♄			-2276 Jun 26 j 04:04	0°♄	
desc. node	-2278 Jan 17 j 04:50	14°♄15'20		desc. node	-2276 Jul 03 j 23:12	7°♄46'26	
	-2278 Jan 29 j 23:58	0°♄		evening max el	-2276 Jul 05 j 09:03	9°♄08'27	46°07'17
	-2278 Feb 23 j 09:52	0°≈			-2276 Jul 29 j 21:57	0°♄	
morning set	-2278 Mar 19 j 15:23	29°≈44'10		greatest brilliancy	-2276 Aug 13 j 15:23	7°♄58'43	-4.6m
	-2278 Mar 19 j 20:33	0°♄		retrograde	-2276 Aug 23 j 21:41	9°♄54'20	
	-2278 Apr 13 j 07:33	0°♄		evening set	-2276 Sep 10 j 09:15	4°♄11'12	
max. Earth dist.	-2278 Apr 24 j 11:35	13°♄42'01	1.73710 AU	inferior conj	-2276 Sep 13 j 16:05	2°♄13'35	-8°-16'-58
				minimum elong	-2276 Sep 13 j 23:54	2°♄01'46	8°16'01
superior conj	-2278 Apr 25 j 06:56	14°♄41'22	0°-34'-7	min. Earth dist.	-2276 Sep 14 j 07:39	1°♄50'02	0.26974 AU
minimum elong	-2278 Apr 25 j 13:17	15°♄00'51	0°33'51		-2276 Sep 17 j 09:34	30°♄	
	-2278 May 07 j 18:16	0°♄		morning rise	-2276 Sep 17 j 14:17	29°♄53'11	
asc. node	-2278 May 10 j 05:05	3°♄00'35		direct	-2276 Oct 04 j 07:11	24°♄28'46	
evening rise	-2278 May 31 j 04:43	28°♄48'11		greatest brilliancy	-2276 Oct 17 j 16:58	27°♄48'01	-4.7m
	-2278 Jun 01 j 04:04	0°♄			-2276 Oct 21 j 22:06	0°♄	
	-2278 Jun 25 j 12:52	0°♄		asc. node	-2276 Oct 24 j 23:40	1°♄52'22	
	-2278 Jul 19 j 21:27	0°♄		morning max el	-2276 Nov 24 j 03:17	28°♄07'10	46°53'45
	-2278 Aug 13 j 07:31	0°♄			-2276 Nov 25 j 23:10	0°♄	
desc. node	-2278 Aug 29 j 21:11	20°♄15'24			-2276 Dec 23 j 07:49	0°♄	
	-2278 Sep 06 j 21:13	0°♄			-2275 Jan 18 j 03:02	0°♄	
	-2278 Oct 01 j 17:37	0°♄			-2275 Feb 12 j 09:14	0°♄	
	-2278 Oct 27 j 03:15	0°♄		desc. node	-2275 Feb 13 j 16:45	1°♄34'08	
	-2278 Nov 22 j 21:11	0°♄			-2275 Mar 09 j 09:44	0°≈	
evening max el	-2278 Dec 01 j 01:11	8°♄33'03	47°05'43		-2275 Apr 03 j 06:42	0°♄	
asc. node	-2278 Dec 20 j 21:12	27°♄06'00			-2275 Apr 28 j 00:28	0°♄	
	-2278 Dec 24 j 12:32	0°≈			-2275 May 22 j 14:34	0°♄	
greatest brilliancy	-2277 Jan 06 j 14:54	8°≈24'41	-4.6m	morning set	-2275 May 26 j 01:07	4°♄12'49	
retrograde	-2277 Jan 20 j 20:36	12°≈08'45		asc. node	-2275 Jun 06 j 16:59	18°♄32'00	
evening set	-2277 Feb 07 j 14:10	6°≈00'50			-2275 Jun 16 j 00:25	0°♄	
min. Earth dist.	-2277 Feb 10 j 11:01	4°≈12'17	0.28559 AU	max. Earth dist.	-2275 Jun 27 j 05:25	13°♄50'57	1.72908 AU
inferior conj	-2277 Feb 11 j 01:44	3°≈48'44	8°26'00				
minimum elong	-2277 Feb 11 j 00:19	3°≈51'00	8°25'55	superior conj	-2275 Jul 01 j 04:12	18°♄44'29	0°53'25
morning rise	-2277 Feb 14 j 10:44	1°≈41'05		minimum elong	-2275 Jun 30 j 19:43	18°♄18'14	0°53'09
	-2277 Feb 17 j 07:40	30°♄			-2275 Jul 10 j 05:57	0°♄	
direct	-2277 Mar 04 j 05:34	25°♄37'39			-2275 Aug 03 j 08:08	0°♄	
greatest brilliancy	-2277 Mar 15 j 10:36	27°♄53'43	-4.5m	evening rise	-2275 Aug 06 j 11:52	3°♄56'16	
	-2277 Mar 20 j 03:15	0°≈			-2275 Aug 27 j 08:45	0°♄	

	-2275 Sep 20 j 09:39	0°♊			-2272 May 12 j 01:03	0°♈		
desc. node	-2275 Sep 26 j 09:15	7°♊27'16			-2272 Jun 06 j 01:54	0°♉		
	-2275 Oct 14 j 12:27	0°♋			-2272 Jun 30 j 17:34	0°♊		
	-2275 Nov 07 j 18:51	0°♌		asc. node	-2272 Jul 04 j 04:58	4°♊15'52		
	-2275 Dec 02 j 08:07	0°♍			-2272 Jul 25 j 00:58	0°♎		
	-2275 Dec 27 j 11:40	0°♏		morning set	-2272 Aug 02 j 04:58	10°♏09'48		
asc. node	-2274 Jan 17 j 09:05	23°♏52'40			-2272 Aug 18 j 01:49	0°♐		
	-2274 Jan 22 j 22:52	0°♑		max. Earth dist.	-2272 Sep 06 j 21:33	24°♐54'10	1.71271 AU	
evening max el	-2274 Feb 10 j 01:33	18°♑48'45	45°45'06					
	-2274 Feb 22 j 02:47	0°♒		superior conj	-2272 Sep 09 j 02:15	27°♐39'59	1°20'12	
greatest brilliancy	-2274 Mar 16 j 05:08	15°♒31'21	-4.5m	minimum elong	-2272 Sep 09 j 08:24	27°♐59'21	1°20'08	
retrograde	-2274 Mar 31 j 01:15	19°♒22'08			-2272 Sep 10 j 22:45	0°♓		
evening set	-2274 Apr 15 j 21:28	14°♒30'40			-2272 Oct 04 j 18:32	0°♊		
inferior conj	-2274 Apr 21 j 11:42	11°♒06'38	3°53'51	evening rise	-2272 Oct 19 j 16:18	18°♊44'57		
minimum elong	-2274 Apr 21 j 19:14	10°♒54'47	3°51'58	desc. node	-2272 Oct 23 j 21:15	24°♊02'07		
min. Earth dist.	-2274 Apr 21 j 23:06	10°♒48'43	0.29155 AU		-2272 Oct 28 j 15:14	0°♋		
morning rise	-2274 Apr 27 j 16:55	7°♒21'12			-2272 Nov 21 j 14:03	0°♌		
desc. node	-2274 May 09 j 01:37	3°♒03'51			-2272 Dec 15 j 16:07	0°♍		
direct	-2274 May 13 j 05:40	2°♒43'14			-2271 Jan 08 j 23:36	0°♎		
greatest brilliancy	-2274 May 27 j 02:10	6°♒04'00	-4.5m		-2271 Feb 02 j 16:38	0°♏		
	-2274 Jun 28 j 08:39	0°♉		asc. node	-2271 Feb 13 j 21:11	13°♏20'33		
morning max el	-2274 Jul 01 j 06:56	2°♉46'50	45°56'27		-2271 Feb 28 j 02:11	0°♐		
	-2274 Jul 27 j 12:24	0°♊			-2271 Mar 26 j 17:32	0°♑		
	-2274 Aug 22 j 19:45	0°♋		evening max el	-2271 Apr 21 j 19:26	26°♑47'40	45°12'08	
asc. node	-2274 Aug 30 j 02:37	8°♋37'11			-2271 Apr 25 j 05:20	0°♌		
	-2274 Sep 16 j 20:00	0°♍		greatest brilliancy	-2271 May 27 j 07:20	23°♌11'34	-4.5m	
	-2274 Oct 11 j 03:43	0°♎		desc. node	-2271 Jun 05 j 13:30	25°♌49'59		
	-2274 Nov 04 j 03:43	0°♏		retrograde	-2271 Jun 09 j 03:36	26°♌04'26		
	-2274 Nov 28 j 01:46	0°♐		evening set	-2271 Jun 24 j 15:14	21°♌34'03		
desc. node	-2274 Dec 19 j 19:01	27°♌11'18		inferior conj	-2271 Jun 30 j 11:34	18°♌06'50	-5°-27'00	
	-2274 Dec 22 j 01:01	0°♑		minimum elong	-2271 Jun 30 j 01:44	18°♌21'59	5°24'40	
morning set	-2273 Jan 03 j 03:22	15°♑05'45		min. Earth dist.	-2271 Jun 30 j 18:47	17°♌55'44	0.28410 AU	
	-2273 Jan 15 j 02:37	0°♒		morning rise	-2271 Jul 05 j 11:42	15°♌06'16		
	-2273 Feb 08 j 06:43	0°♓		direct	-2271 Jul 21 j 23:50	9°♌57'43		
				greatest brilliancy	-2271 Aug 05 j 11:27	13°♌38'22	-4.6m	
superior conj	-2273 Feb 12 j 14:36	5°♓21'35	-1°-24'-21		-2271 Aug 28 j 13:13	0°♎		
minimum elong	-2273 Feb 12 j 13:32	5°♓18'17	1°24'24	morning max el	-2271 Sep 10 j 00:10	11°♎47'03	46°34'21	
max. Earth dist.	-2273 Feb 15 j 19:29	9°♓19'25	1.72787 AU	asc. node	-2271 Sep 26 j 14:11	29°♎15'00		
	-2273 Mar 04 j 13:24	0°♏			-2271 Sep 27 j 06:33	0°♐		
evening rise	-2273 Mar 22 j 19:40	22°♏28'17			-2271 Oct 23 j 09:42	0°♑		
	-2273 Mar 28 j 22:53	0°♐			-2271 Nov 17 j 07:31	0°♒		
asc. node	-2273 Apr 11 j 19:10	16°♐57'22			-2271 Dec 11 j 18:31	0°♋		
	-2273 Apr 22 j 11:24	0°♉			-2270 Jan 05 j 02:45	0°♌		
	-2273 May 17 j 03:14							

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2270 Dec 25 j 05:46	0° \approx				-2267 May 22 j 01:26	0° B		
greatest brilliancy	-2269 Jan 04 j 07:51	6° \approx 10'07	-4.6m	morning set		-2267 May 23 j 19:54	2° B 10'00		
retrograde	-2269 Jan 18 j 12:40	9° \approx 53'59		asc. node		-2267 Jun 05 j 19:12	18° B 05'29		
evening set	-2269 Feb 05 j 04:47	3° \approx 48'05				-2267 Jun 15 j 11:12	0° II		
min. Earth dist.	-2269 Feb 08 j 01:59	1° \approx 59'16	0.28501 AU	max. Earth dist.		-2267 Jun 25 j 00:58	11° II 49'34	1.72954 AU	
inferior conj	-2269 Feb 08 j 17:36	1° \approx 34'20	8°24'40						
minimum elong	-2269 Feb 08 j 15:26	1° \approx 37'47	8°24'32	superior conj		-2267 Jun 28 j 22:30	16° II 38'59	0°50'57	
	-2269 Feb 11 j 05:08	30° R B		minimum elong		-2267 Jun 28 j 14:12	16° II 13'18	0°50'41	
morning rise	-2269 Feb 12 j 02:20	29° B 27'12				-2267 Jul 09 j 16:47	0° B		
direct	-2269 Mar 01 j 20:03	23° B 24'00				-2267 Aug 02 j 19:05	0° B		
greatest brilliancy	-2269 Mar 13 j 01:05	25° B 39'56	-4.5m	evening rise		-2267 Aug 04 j 04:21	1° B 43'45		
	-2269 Mar 21 j 18:26	0° \approx				-2267 Aug 26 j 19:53	0° B		
desc. node	-2269 Apr 10 j 16:01	15° \approx 04'18				-2267 Sep 19 j 21:04	0° B		
morning max el	-2269 Apr 19 j 15:34	23° \approx 19'26	45°50'12	desc. node		-2267 Sep 25 j 11:16	6° B 57'45		
	-2269 Apr 26 j 11:42	0° H				-2267 Oct 14 j 00:13	0° B		
	-2269 May 24 j 20:41	0° Y				-2267 Nov 07 j 07:05	0° B		
	-2269 Jun 20 j 07:08	0° B				-2267 Dec 01 j 21:04	0° B		
	-2269 Jul 15 j 17:00	0° II				-2267 Dec 27 j 01:55	0° \approx		
asc. node	-2269 Aug 01 j 16:53	20° II 33'31		asc. node		-2266 Jan 16 j 11:15	23° \approx 13'27		
	-2269 Aug 09 j 10:04	0° B				-2266 Jan 22 j 16:11	0° H		
	-2269 Sep 02 j 15:15	0° B		evening max el		-2266 Feb 07 j 17:55	16° H 37'37	45°47'34	
	-2269 Sep 26 j 13:12	0° B				-2266 Feb 22 j 08:03	0° Y		
morning set	-2269 Oct 15 j 05:39	23° B 33'28		greatest brilliancy		-2266 Mar 13 j 22:27	13° Y 24'02	-4.5m	
	-2269 Oct 20 j 08:10	0° B		retrograde		-2266 Mar 28 j 18:07	17° Y 14'02		
	-2269 Nov 13 j 03:17	0° B		evening set		-2266 Apr 13 j 16:26	12° Y 19'25		
desc. node	-2269 Nov 21 j 09:15	10° B 22'46		inferior conj		-2266 Apr 19 j 04:22	8° Y 58'06	4°10'43	
				minimum elong		-2266 Apr 19 j 12:17	8° Y 45'38	4°08'46	
superior conj	-2269 Nov 25 j 20:10	15° B 58'46	0°-10'-28	min. Earth dist.		-2266 Apr 19 j 15:16	8° Y 40'55	0.29163 AU	
minimum elong	-2269 Nov 25 j 17:17	15° B 49'42	0°10'23	morning rise		-2266 Apr 25 j 08:06	5° Y 14'27		
behind sun begin	-2269 Nov 24 j 20:07	14° B 43'12		desc. node		-2266 May 08 j 03:46	0° Y 43'56		
behind sun end	-2269 Nov 26 j 14:26	16° B 56'12		direct		-2266 May 10 j 22:42	0° Y 34'47		
max. Earth dist.	-2269 Nov 29 j 14:10	20° B 41'24	1.71196 AU	greatest brilliancy		-2266 May 24 j 15:46	3° Y 52'02	-4.5m	
	-2269 Dec 07 j 00:16	0° B				-2266 Jun 28 j 07:43	0° B		
	-2269 Dec 30 j 23:53	0° B		morning max el		-2266 Jun 28 j 23:14	0° B 37'08	45°55'30	
evening rise	-2268 Jan 06 j 15:47	8° B 18'13				-2266 Jul 27 j 04:20	0° II		
	-2268 Jan 24 j 02:53	0° \approx				-2266 Aug 22 j 09:19	0° B		
	-2268 Feb 17 j 10:32	0° H		asc. node		-2266 Aug 29 j 04:35	8° B 03'50		
asc. node	-2268 Mar 13 j 09:11	0° Y 25'31				-2266 Sep 16 j 08:29	0° B		
	-2268 Mar 13 j 00:45	0° Y				-2266 Oct 10 j 15:38	0° B		
	-2268 Apr 07 j 00:00	0° B				-2266 Nov 03 j 15:19	0° B		
	-2268 May 02 j 12:01	0° II				-2266 Nov 27 j 13:11	0° B		
	-2268 May 28 j 20:45	0° B		desc. node		-2266 Dec 18 j 21:12	26° B 42'48		
	-2268 Jun 26 j 00:36	0° B				-2266 Dec 21 j 12:19	0° B		
evening max el	-2268 Jul 02 j 22:50	6° B 49'33	46°04'33	morning set		-2266 Dec 31 j 13:54	12° B 33'56		
desc. node	-2268 Jul 03 j 01:25	6° B 55'45				-2265 Jan 14 j 13:48	0° B		
	-2268 Jul 31 j 01:04	0° B				-2265 Feb 07 j 17:48	0° \approx		
greatest brilliancy	-2268 Aug 11 j 01:33	5° B 32'19	-4.6m						
retrograde	-2268 Aug 21 j 10:33	7° B 29'50		superior conj		-2265 Feb 10 j 04:22	3° \approx 01'20	-1°-24'-6	
evening set	-2268 Sep 08 j 00:17	1° B 42'36		minimum elong		-2265 Feb 10 j 02:25	2° \approx 55'19	1°24'10	
	-2268 Sep 10 j 21:04	30° R B		max. Earth dist.		-2265 Feb 13 j 13:48	7° \approx 13'22	1.72735 AU	
inferior conj	-2268 Sep 11 j 04:46	29° B 48'22	-8°-25'-4			-2265 Mar 04 j 00:25	0° H		
minimum elong	-2268 Sep 11 j 11:53	29° B 37'35	8°24'17	evening rise		-2265 Mar 20 j 12:00	20° H 17'09		
min. Earth dist.	-2268 Sep 11 j 19:58	29° B 25'23	0.27032 AU			-2265 Mar 28 j 09:55	0° Y		
morning rise	-2268 Sep 14 j 23:17	27° B 33'25		asc. node		-2265 Apr 10 j 21:13	16° Y 29'40		
direct	-2268 Oct 01 j 21:10	22° B 02'43				-2265 Apr 21 j 22:37	0° B		
greatest brilliancy	-2268 Oct 15 j 07:39	25° B 23'20	-4.7m			-2265 May 16 j 14:48	0° II		
	-2268 Oct 23 j 09:50	0° B				-2265 Jun 10 j 11:25	0° B		
asc. node	-2268 Oct 24 j 01:49	0° B 26'46				-2265 Jul 05 j 14:49	0° B		
morning max el	-2268 Nov 21 j 18:11	25° B 44'24	46°53'52			-2265 Jul 31 j 06:06	0° B		
	-2268 Nov 25 j 20:52	0° B		desc. node		-2265 Jul 31 j 13:13	0° B 20'31		
	-2268 Dec 23 j 00:00	0° B				-2265 Aug 26 j 21:04	0° B		
	-2267 Jan 17 j 16:58	0° B		evening max el		-2265 Sep 15 j 17:13	20° B 52'31	47°21'56	
	-2267 Feb 11 j 21:56	0° B				-2265 Sep 25 j 03:26	0° B		
desc. node	-2267 Feb 12 j 18:51	1° B 02'34		greatest brilliancy		-2265 Oct 24 j 13:30	21° B 20'36	-4.7m	
	-2267 Mar 08 j 21:40	0° \approx		retrograde		-2265 Nov 05 j 10:10	23° B 58'36		
	-2267 Apr 02 j 18:07	0° H		evening set		-2265 Nov 19 j 19:05	19° B 49'06		
	-2267 Apr 27 j 11:32	0° Y		asc. node		-2265 Nov 21 j 13:36	18° B 49'24		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2265 Nov 25 j 23:36	16° \mathbb{M} 08'54	1°08'04	evening rise	-2262 May 26 j 19:40	24° \mathbb{B} 45'57	
minimum elong	-2265 Nov 25 j 21:05	16° \mathbb{M} 12'47	1°07'14		-2262 May 31 j 01:51	0° \mathbb{I}	
min. Earth dist.	-2265 Nov 25 j 08:12	16° \mathbb{M} 32'41	0.26499 AU		-2262 Jun 24 j 11:04	0° \mathbb{S}	
morning rise	-2265 Dec 01 j 23:46	12° \mathbb{M} 36'48			-2262 Jul 18 j 20:23	0° \mathbb{Q}	
direct	-2265 Dec 16 j 06:51	8° \mathbb{M} 32'08			-2262 Aug 12 j 07:30	0° \mathbb{P}	
greatest brilliancy	-2265 Dec 27 j 07:48	10° \mathbb{M} 49'40	-4.6m	desc. node	-2262 Aug 28 j 01:14	19° \mathbb{P} 12'06	
	-2264 Jan 24 j 00:39	0° \mathbb{A}			-2262 Sep 05 j 22:38	0° \mathbb{L}	
morning max el	-2264 Feb 04 j 01:33	10° \mathbb{A} 24'58	46°24'34		-2262 Sep 30 j 21:08	0° \mathbb{M}	
	-2264 Feb 23 j 00:33	0° \mathbb{C}			-2262 Oct 26 j 10:27	0° \mathbb{A}	
desc. node	-2264 Mar 12 j 06:31	20° \mathbb{C} 02'55			-2262 Nov 22 j 13:13	0° \mathbb{C}	
	-2264 Mar 21 j 02:18	0° \mathbb{W}		evening max el	-2262 Nov 26 j 06:19	3° \mathbb{C} 50'29	47°10'31
	-2264 Apr 16 j 02:40	0° \mathbb{H}		asc. node	-2262 Dec 19 j 01:32	24° \mathbb{C} 49'58	
	-2264 May 11 j 13:09	0° \mathbb{Y}			-2262 Dec 26 j 05:38	0° \mathbb{W}	
	-2264 Jun 05 j 13:28	0° \mathbb{B}		greatest brilliancy	-2261 Jan 02 j 00:06	3° \mathbb{W} 53'47	-4.6m
	-2264 Jun 30 j 04:50	0° \mathbb{I}		retrograde	-2261 Jan 16 j 05:13	7° \mathbb{W} 38'27	
asc. node	-2264 Jul 03 j 07:04	3° \mathbb{I} 47'49		evening set	-2261 Feb 02 j 19:05	1° \mathbb{W} 34'58	
	-2264 Jul 24 j 12:06	0° \mathbb{S}			-2261 Feb 05 j 07:46	30° \mathbb{R} \mathbb{C}	
morning set	-2264 Jul 30 j 20:43	7° \mathbb{S} 54'38		min. Earth dist.	-2261 Feb 05 j 16:37	29° \mathbb{C} 45'56	0.28441 AU
	-2264 Aug 17 j 12:56	0° \mathbb{Q}		inferior conj	-2261 Feb 06 j 09:28	29° \mathbb{C} 19'06	8°22'28
max. Earth dist.	-2264 Sep 04 j 04:51	22° \mathbb{Q} 11'02	1.71316 AU	minimum elong	-2261 Feb 06 j 06:33	29° \mathbb{C} 23'44	8°22'18
				morning rise	-2261 Feb 09 j 18:18	27° \mathbb{C} 12'07	
superior conj	-2264 Sep 06 j 15:46	25° \mathbb{Q} 16'22	1°21'15	direct	-2261 Feb 27 j 10:50	21° \mathbb{C} 09'39	
minimum elong	-2264 Sep 06 j 21:08	25° \mathbb{Q} 33'15	1°21'12	greatest brilliancy	-2261 Mar 10 j 14:55	23° \mathbb{C} 24'58	-4.5m
	-2264 Sep 10 j 09:56	0° \mathbb{P}			-2261 Mar 22 j 22:03	0° \mathbb{W}	
	-2264 Oct 04 j 05:49	0° \mathbb{L}		desc. node	-2261 Apr 09 j 18:13	14° \mathbb{W} 09'08	
evening rise	-2264 Oct 17 j 02:01	16° \mathbb{L} 09'05		morning max el	-2261 Apr 17 j 07:38	21° \mathbb{W} 08'46	45°50'47
desc. node	-2264 Oct 22 j 23:23	23° \mathbb{L} 33'11			-2261 Apr 26 j 07:51	0° \mathbb{H}	
	-2264 Oct 28 j 02:36	0° \mathbb{M}			-2261 May 24 j 11:51	0° \mathbb{Y}	
	-2264 Nov 21 j 01:31	0° \mathbb{A}			-2261 Jun 19 j 20:22	0° \mathbb{B}	
	-2264 Dec 15 j 03:44	0° \mathbb{C}			-2261 Jul 15 j 05:16	0° \mathbb{I}	
	-2263 Jan 08 j 11:30	0° \mathbb{W}		asc. node	-2261 Jul 31 j 18:53	20° \mathbb{I} 03'19	
	-2263 Feb 02 j 05:08	0° \mathbb{H}			-2261 Aug 08 j 21:49	0° \mathbb{S}	
asc. node	-2263 Feb 12 j 23:08	12° \mathbb{H} 48'06			-2261 Sep 02 j 02:45	0° \mathbb{Q}	
	-2263 Feb 27 j 15:54	0° \mathbb{Y}			-2261 Sep 26 j 00:35	0° \mathbb{P}	
	-2263 Mar 26 j 10:00	0° \mathbb{B}		morning set	-2261 Oct 12 j 16:53	21° \mathbb{P} 01'41	
evening max el	-2263 Apr 19 j 09:48	24° \mathbb{B} 32'52	45°11'48		-2261 Oct 19 j 19:31	0° \mathbb{L}	
	-2263 Apr 25 j 06:35	0° \mathbb{I}			-2261 Nov 12 j 14:37	0° \mathbb{M}	
greatest brilliancy	-2263 May 24 j 19:09	20° \mathbb{I} 54'53	-4.5m	desc. node	-2261 Nov 20 j 11:22	9° \mathbb{M} 53'46	
desc. node	-2263 Jun 04 j 15:41	23° \mathbb{I} 46'20					
retrograde	-2263 Jun 06 j 18:19	23° \mathbb{I} 51'24		superior conj	-2261 Nov 23 j 04:54	13° \mathbb{M} 19'46	0°-6'-26
evening set	-2263 Jun 22 j 03:58	19° \mathbb{I} 23'21		minimum elong	-2261 Nov 23 j 03:06	13° \mathbb{M} 14'08	0°06'24
inferior conj	-2263 Jun 28 j 02:44	15° \mathbb{I} 53'06	-5°-10'-15	behind sun begin	-2261 Nov 22 j 01:58	11° \mathbb{M} 55'05	
minimum elong	-2263 Jun 27 j 17:08	16° \mathbb{I} 07'52	5°07'56	behind sun end	-2261 Nov 24 j 04:15	14° \mathbb{M} 33'11	
min. Earth dist.	-2263 Jun 28 j 10:17	15° \mathbb{I} 41'29	0.28448 AU	max. Earth dist.	-2261 Nov 26 j 20:49	17° \mathbb{M} 56'01	1.71162 AU
morning rise	-2263 Jul 03 j 05:42	12° \mathbb{I} 48'28			-2261 Dec 06 j 11:35	0° \mathbb{A}	
direct	-2263 Jul 19 j 14:53	7° \mathbb{I} 43'01			-2261 Dec 30 j 11:11	0° \mathbb{C}	
greatest brilliancy	-2263 Aug 03 j 04:32	11° \mathbb{I} 25'23	-4.6m	evening rise	-2260 Jan 04 j 02:48	5° \mathbb{C} 47'53	
	-2263 Aug 28 j 17:32	0° \mathbb{S}			-2260 Jan 23 j 14:11	0° \mathbb{W}	
morning max el	-2263 Sep 07 j 14:38	9° \mathbb{S} 27'00	46°33'05		-2260 Feb 16 j 21:56	0° \mathbb{H}	
asc. node	-2263 Sep 25 j 16:20	28° \mathbb{S} 31'50		asc. node	-2260 Mar 12 j 11:19	29° \mathbb{H} 56'40	
	-2263 Sep 27 j 00:13	0° \mathbb{Q}			-2260 Mar 12 j 12:25	0° \mathbb{Y}	
	-2263 Oct 23 j 00:20	0° \mathbb{P}			-2260 Apr 06 j 12:15	0° \mathbb{B}	
	-2263 Nov 16 j 20:47	0° \mathbb{L}			-2260 May 02 j 01:26	0° \mathbb{I}	
	-2263 Dec 11 j 07:00	0° \mathbb{M}			-2260 May 28 j 12:31	0° \mathbb{S}	
	-2262 Jan 04 j 14:42	0° \mathbb{A}			-2260 Jun 25 j 22:18	0° \mathbb{Q}	
desc. node	-2262 Jan 15 j 09:04	13° \mathbb{A} 16'38		evening max el	-2260 Jun 30 j 13:18	4° \mathbb{Q} 31'15	46°01'37
	-2262 Jan 28 j 22:52	0° \mathbb{C}		desc. node	-2260 Jul 02 j 03:27	6° \mathbb{Q} 02'27	
	-2262 Feb 22 j 08:10	0° \mathbb{W}			-2260 Aug 01 j 16:38	0° \mathbb{P}	
morning set	-2262 Mar 15 j 00:39	25° \mathbb{W} 24'26		greatest brilliancy	-2260 Aug 08 j 12:04	3° \mathbb{P} 05'09	-4.6m
	-2262 Mar 18 j 18:26	0° \mathbb{H}		retrograde	-2260 Aug 18 j 23:02	5° \mathbb{P} 03'47	
	-2262 Apr 12 j 05:13	0° \mathbb{Y}			-2260 Sep 04 j 06:25	30° \mathbb{R} \mathbb{Q}	
max. Earth dist.	-2262 Apr 20 j 03:58	9° \mathbb{Y} 45'11	1.73704 AU	evening set	-2260 Sep 05 j 14:56	29° \mathbb{Q} 13'12	
				inferior conj	-2260 Sep 08 j 17:17	27° \mathbb{Q} 21'54	-8°-32'-8
superior conj	-2262 Apr 20 j 19:54	10° \mathbb{Y} 34'04	0°-39'-42	minimum elong	-2260 Sep 08 j 23:40	27° \mathbb{Q} 12'15	8°31'32
minimum elong	-2262 Apr 21 j 03:05	10° \mathbb{Y} 56'06	0°39'24	min. Earth dist.	-2260 Sep 09 j 08:05	26° \mathbb{Q} 59'30	0.27085 AU
	-2262 May 06 j 15:53	0° \mathbb{B}		morning rise	-2260 Sep 12 j 08:14	25° \mathbb{Q} 12'04	
asc. node	-2262 May 08 j 09:21	2° \mathbb{B} 07'20		direct	-2260 Sep 29 j 11:08	19° \mathbb{Q} 35'41	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2260 Oct 12 j 21:17	22°Ω56'17	-4.7m	asc. node	-2257 Apr 09 j 23:26	16°Υ02'40	
asc. node	-2260 Oct 23 j 04:00	29°Ω03'06			-2257 Apr 21 j 09:44	0°Ϡ	
	-2260 Oct 24 j 11:41	0°൬			-2257 May 16 j 02:16	0°Π	
morning max el	-2260 Nov 19 j 08:18	23°൬18'57	46°53'59		-2257 Jun 09 j 23:28	0°☿	
	-2260 Nov 25 j 18:03	0°♎			-2257 Jul 05 j 03:51	0°Ω	
	-2260 Dec 22 j 16:06	0°♍		desc. node	-2257 Jul 30 j 15:13	29°Ω43'49	
	-2259 Jan 17 j 06:56	0°♊			-2257 Jul 30 j 20:51	0°൬	
	-2259 Feb 11 j 10:43	0°♋			-2257 Aug 26 j 15:22	0°♎	
desc. node	-2259 Feb 11 j 20:49	0°♌30'15		evening max el	-2257 Sep 13 j 06:13	18°♎25'50	47°20'01
	-2259 Mar 08 j 09:41	0°♍			-2257 Sep 25 j 08:45	0°♍	
	-2259 Apr 02 j 05:37	0°♎		greatest brilliancy	-2257 Oct 22 j 05:47	18°♍54'34	-4.7m
	-2259 Apr 26 j 22:41	0°Υ		retrograde	-2257 Nov 02 j 22:17	21°♍28'21	
morning set	-2259 May 21 j 14:53	0°Ϡ07'39		evening set	-2257 Nov 17 j 07:50	17°♍19'20	
	-2259 May 21 j 12:23	0°Ϡ		asc. node	-2257 Nov 20 j 15:42	15°♍24'42	
asc. node	-2259 Jun 04 j 21:16	17°Ϡ38'17		min. Earth dist.	-2257 Nov 22 j 22:33	14°♍00'55	0.26463 AU
	-2259 Jun 14 j 22:06	0°Π		inferior conj	-2257 Nov 23 j 12:04	13°♍40'03	0°44'04
max. Earth dist.	-2259 Jun 22 j 19:32	9°Π44'49	1.73007 AU	minimum elong	-2257 Nov 23 j 10:25	13°♍42'35	0°43'29
				morning rise	-2257 Nov 29 j 13:32	10°♍06'03	
superior conj	-2259 Jun 26 j 16:53	14°Π33'31	0°48'25	direct	-2257 Dec 13 j 18:26	6°♍03'46	
minimum elong	-2259 Jun 26 j 08:50	14°Π08'35	0°48'09	greatest brilliancy	-2257 Dec 24 j 22:31	8°♍23'55	-4.6m
	-2259 Jul 09 j 03:46	0°☿			-2256 Jan 24 j 05:17	0°♊	
evening rise	-2259 Aug 01 j 20:48	29°☿30'34		morning max el	-2256 Feb 01 j 13:52	7°♊59'22	46°26'07
	-2259 Aug 02 j 06:15	0°Ω			-2256 Feb 22 j 18:19	0°♋	
	-2259 Aug 26 j 07:16	0°൬		desc. node	-2256 Mar 11 j 08:45	19°♋26'29	
	-2259 Sep 19 j 08:42	0°♎			-2256 Mar 20 j 16:39	0°♍	
desc. node	-2259 Sep 24 j 13:25	6°♎28'04			-2256 Apr 15 j 15:24	0°♎	
	-2259 Oct 13 j 12:10	0°♍			-2256 May 11 j 00:59	0°Υ	
	-2259 Nov 06 j 19:30	0°♊			-2256 Jun 05 j 00:47	0°Ϡ	
	-2259 Dec 01 j 10:11	0°♋			-2256 Jun 29 j 15:51	0°Π	
	-2259 Dec 26 j 16:22	0°♍		asc. node	-2256 Jul 02 j 09:07	3°Π20'21	
asc. node	-2258 Jan 15 j 13:14	22°♍33'09			-2256 Jul 23 j 22:59	0°☿	
	-2258 Jan 22 j 09:54	0°♎		morning set	-2256 Jul 28 j 13:03	5°☿42'13	
evening max el	-2258 Feb 05 j 09:54	14°♎25'20	45°50'06		-2256 Aug 16 j 23:48	0°Ω	
	-2258 Feb 22 j 15:30	0°Υ		max. Earth dist.	-2256 Sep 01 j 16:16	19°Ω41'42	1.71367 AU
greatest brilliancy	-2258 Mar 11 j 16:20	11°Υ17'38	-4.5m				
retrograde	-2258 Mar 26 j 10:45	15°Υ06'31		superior conj	-2256 Sep 04 j 05:47	22°Ω55'06	1°22'07
evening set	-2258 Apr 11 j 11:41	10°Υ08'46		minimum elong	-2256 Sep 04 j 10:21	23°Ω09'28	1°22'06
inferior conj	-2258 Apr 16 j 21:17	6°Υ50'21	4°27'00		-2256 Sep 09 j 20:52	0°൬	
minimum elong	-2258 Apr 17 j 05:31	6°Υ37'21	4°25'02		-2256 Oct 03 j 16:54	0°♎	
min. Earth dist.	-2258 Apr 17 j 07:55	6°Υ33'33	0.29167 AU	evening rise	-2256 Oct 14 j 11:58	13°♎34'31	
morning rise	-2258 Apr 22 j 23:21	3°Υ08'34		desc. node	-2256 Oct 22 j 01:32	23°♎04'45	
	-2258 Apr 29 j 18:49	30°♎			-2256 Oct 27 j 13:50	0°♍	
desc. node	-2258 May 07 j 05:51	28°♎29'29			-2256 Nov 20 j 12:53	0°♊	
direct	-2258 May 08 j 15:34	28°♎27'11			-2256 Dec 14 j 15:16	0°♋	
	-2258 May 17 j 21:04	0°Υ			-2255 Jan 07 j 23:20	0°♍	
greatest brilliancy	-2258 May 22 j 05:15	1°Υ40'28	-4.5m		-2255 Feb 01 j 17:32	0°♎	
morning max el	-2258 Jun 26 j 14:43	28°Υ25'51	45°54'30	asc. node	-2255 Feb 12 j 01:19	12°♎16'48	
	-2258 Jun 28 j 05:44	0°Ϡ			-2255 Feb 27 j 05:32	0°Υ	
	-2258 Jul 26 j 19:59	0°Π			-2255 Mar 26 j 02:29	0°Ϡ	
	-2258 Aug 21 j 22:48	0°☿		evening max el	-2255 Apr 17 j 00:47	22°Ϡ20'38	45°11'44
asc. node	-2258 Aug 28 j 06:44	7°☿31'04			-2255 Apr 25 j 08:45	0°Π	
	-2258 Sep 15 j 20:59	0°Ω		greatest brilliancy	-2255 May 22 j 06:41	18°Π39'28	-4.5m
	-2258 Oct 10 j 03:37	0°൬		desc. node	-2255 Jun 03 j 17:44	21°Π39'46	
	-2258 Nov 03 j 03:00	0°♎		retrograde	-2255 Jun 04 j 09:48	21°Π40'17	
	-2258 Nov 27 j 00:39	0°♍		evening set	-2255 Jun 19 j 17:12	17°Π14'16	
desc. node	-2258 Dec 17 j 23:15	26°♍13'45		inferior conj	-2255 Jun 25 j 18:08	13°Π41'10	-4°-53'-14
	-2258 Dec 20 j 23:37	0°♊		minimum elong	-2255 Jun 25 j 08:49	13°Π55'28	4°50'55
morning set	-2258 Dec 29 j 00:09	10°♊01'11		min. Earth dist.	-2255 Jun 26 j 01:42	13°Π29'32	0.28482 AU
	-2257 Jan 14 j 00:57	0°♋		morning rise	-2255 Jun 30 j 23:52	10°Π32'48	
	-2257 Feb 07 j 04:49	0°♍		direct	-2255 Jul 17 j 06:39	5°Π30'14	
				greatest brilliancy	-2255 Jul 31 j 21:46	9°Π14'29	-4.6m
superior conj	-2257 Feb 07 j 18:01	0°♍40'54	-1°-23'-43		-2255 Aug 28 j 19:35	0°☿	
minimum elong	-2257 Feb 07 j 15:13	0°♍32'11	1°23'46	morning max el	-2255 Sep 05 j 06:08	7°☿11'14	46°31'49
max. Earth dist.	-2257 Feb 11 j 07:41	5°♍06'06	1.72678 AU	asc. node	-2255 Sep 24 j 18:31	27°☿50'34	
	-2257 Mar 03 j 11:22	0°♎			-2255 Sep 26 j 17:03	0°Ω	
evening rise	-2257 Mar 18 j 04:21	18°♎06'13			-2255 Oct 22 j 14:25	0°൬	
	-2257 Mar 27 j 20:54	0°Υ			-2255 Nov 16 j 09:39	0°♎	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2255 Dec 10 j 19:12	0°♌			-2252 May 28 j 04:12	0°♍	
	-2254 Jan 04 j 02:25	0°♊			-2252 Jun 25 j 20:24	0°♎	
desc. node	-2254 Jan 14 j 11:07	12°♊47'18		evening max el	-2252 Jun 28 j 03:30	2°♎13'30	45°58'46
	-2254 Jan 28 j 10:13	0°♋		desc. node	-2252 Jul 01 j 05:30	5°♎09'16	
	-2254 Feb 21 j 19:14	0°♌			-2252 Aug 04 j 05:25	0°♏	
morning set	-2254 Mar 12 j 16:46	23°♌13'09		greatest brilliancy	-2252 Aug 05 j 23:27	0°♏40'33	-4.6m
	-2254 Mar 18 j 05:17	0°♍		retrograde	-2252 Aug 16 j 11:12	2°♏39'21	
	-2254 Apr 11 j 15:55	0°♎			-2252 Aug 28 j 02:09	30°♏07	
max. Earth dist.	-2254 Apr 18 j 02:09	7°♎53'14	1.73698 AU	evening set	-2252 Sep 03 j 05:26	26°♏46'07	
				inferior conj	-2252 Sep 06 j 05:58	24°♏57'12	-8°-38'-17
superior conj	-2254 Apr 18 j 14:01	8°♎29'36	0°-42'-26	minimum elong	-2252 Sep 06 j 11:32	24°♏48'46	8°37'50
minimum elong	-2254 Apr 18 j 21:35	8°♎52'50	0°42'08	min. Earth dist.	-2252 Sep 06 j 20:33	24°♏35'06	0.27137 AU
	-2254 May 06 j 02:33	0°♏		morning rise	-2252 Sep 09 j 17:30	22°♏52'05	
asc. node	-2254 May 07 j 11:23	1°♏40'47		direct	-2252 Sep 27 j 00:53	17°♏10'23	
evening rise	-2254 May 24 j 15:02	22°♏45'01		greatest brilliancy	-2252 Oct 10 j 10:58	20°♏30'36	-4.7m
	-2254 May 30 j 12:37	0°♐		asc. node	-2252 Oct 22 j 06:00	27°♏43'01	
	-2254 Jun 23 j 22:04	0°♑			-2252 Oct 25 j 06:09	0°♐	
	-2254 Jul 18 j 07:44	0°♒		morning max el	-2252 Nov 16 j 21:35	20°♐52'27	46°54'10
	-2254 Aug 11 j 19:21	0°♓			-2252 Nov 25 j 14:06	0°♑	
desc. node	-2254 Aug 27 j 03:27	18°♓41'38			-2252 Dec 22 j 07:32	0°♒	
	-2254 Sep 05 j 11:12	0°♑		desc. node	-2251 Jan 16 j 20:22	0°♊	
	-2254 Sep 30 j 10:47	0°♒			-2251 Feb 10 j 23:03	29°♊59'56	
	-2254 Oct 26 j 02:08	0°♋			-2251 Feb 10 j 23:04	0°♋	
	-2254 Nov 22 j 09:59	0°♌			-2251 Mar 07 j 21:21	0°♌	
evening max el	-2254 Nov 23 j 22:14	1°♌33'10	47°12'35		-2251 Apr 01 j 16:49	0°♍	
asc. node	-2254 Dec 18 j 03:30	23°♌38'53			-2251 Apr 26 j 09:34	0°♎	
	-2254 Dec 27 j 14:45	0°♍		morning set	-2251 May 19 j 09:38	28°♎05'19	
greatest brilliancy	-2254 Dec 30 j 16:21	1°♍37'43	-4.6m		-2251 May 20 j 23:05	0°♏	
retrograde	-2253 Jan 13 j 21:46	5°♍22'35		asc. node	-2251 Jun 03 j 23:19	17°♏11'44	
	-2253 Jan 30 j 07:38	30°♒07			-2251 Jun 14 j 08:45	0°♐	
evening set	-2253 Jan 31 j 08:51	29°♒22'01		max. Earth dist.	-2251 Jun 20 j 13:13	7°♐38'15	1.73055 AU
min. Earth dist.	-2253 Feb 03 j 06:48	27°♒32'32	0.28380 AU				
inferior conj	-2253 Feb 04 j 01:03	27°♒03'31	8°19'30	superior conj	-2251 Jun 24 j 11:12	12°♐28'43	0°45'49
minimum elong	-2253 Feb 03 j 21:25	27°♒09'18	8°19'15	minimum elong	-2251 Jun 24 j 03:25	12°♐04'37	0°45'33
morning rise	-2253 Feb 07 j 10:17	24°♒56'13			-2251 Jul 08 j 14:28	0°♑	
direct	-2253 Feb 25 j 01:55	18°♒55'05		evening rise	-2251 Jul 30 j 13:23	27°♑18'50	
greatest brilliancy	-2253 Mar 08 j 03:53	21°♒09'03	-4.5m		-2251 Aug 01 j 17:06	0°♒	
	-2253 Mar 23 j 18:05	0°♓			-2251 Aug 25 j 18:21	0°♓	
desc. node	-2253 Apr 08 j 20:18	13°♓15'23			-2251 Sep 18 j 20:04	0°♑	
morning max el	-2253 Apr 15 j 00:00	18°♓59'26	45°51'27	desc. node	-2251 Sep 23 j 15:30	5°♑58'54	
	-2253 Apr 26 j 03:09	0°♔			-2251 Oct 12 j 23:54	0°♒	
	-2253 May 24 j 02:30	0°♕			-2251 Nov 06 j 07:41	0°♊	
	-2253 Jun 19 j 09:07	0°♖			-2251 Nov 30 j 23:04	0°♋	
	-2253 Jul 14 j 17:05	0°♗			-2251 Dec 26 j 06:38	0°♌	
asc. node	-2253 Jul 30 j 20:59	19°♗34'45		asc. node	-2250 Jan 14 j 15:26	21°♌54'03	
	-2253 Aug 08 j 09:09	0°♘			-2250 Jan 22 j 03:38	0°♍	
	-2253 Sep 01 j 13:51	0°♙		evening max el	-2250 Feb 03 j 00:54	12°♍11'21	45°52'33
	-2253 Sep 25 j 11:36	0°♚			-2250 Feb 23 j 01:16	0°♎	
morning set	-2253 Oct 10 j 04:44	18°♚33'09		greatest brilliancy	-2250 Mar 09 j 09:32	9°♎10'52	-4.5m
	-2253 Oct 19 j 06:28	0°♛		retrograde	-2250 Mar 24 j 03:03	12°♎59'38	
	-2253 Nov 12 j 01:32	0°♜		evening set	-2250 Apr 09 j 06:55	7°♎58'23	
desc. node	-2253 Nov 19 j 13:24	9°♜25'47		inferior conj	-2250 Apr 14 j 14:12	4°♎43'08	4°42'57
				minimum elong	-2250 Apr 14 j 22:41	4°♎29'42	4°40'58
superior conj	-2253 Nov 20 j 14:06	10°♜43'28	0°-2'-26	min. Earth dist.	-2250 Apr 15 j 00:48	4°♎26'21	0.29176 AU
minimum elong	-2253 Nov 20 j 13:25	10°♜41'17	0°02'27	morning rise	-2250 Apr 20 j 14:25	1°♎03'23	
behind sun begin	-2253 Nov 19 j 10:37	9°♜17'01			-2250 Apr 22 j 13:32	30°♎07	
behind sun end	-2253 Nov 21 j 16:13	12°♜05'33		direct	-2250 May 06 j 07:59	26°♎19'52	
max. Earth dist.	-2253 Nov 24 j 07:06	15°♜23'10	1.71131 AU	desc. node	-2250 May 06 j 07:54	26°♎19'52	
	-2253 Dec 05 j 22:29	0°♞		greatest brilliancy	-2250 May 19 j 19:53	29°♎30'32	-4.5m
	-2253 Dec 29 j 22:06	0°♟			-2250 May 20 j 21:40	0°♏	
evening rise	-2252 Jan 01 j 13:53	3°♟18'50		morning max el	-2250 Jun 24 j 05:51	26°♏13'58	45°53'38
	-2252 Jan 23 j 01:11	0°♠			-2250 Jun 28 j 02:50	0°♐	
	-2252 Feb 16 j 09:04	0°♑			-2250 Jul 26 j 11:16	0°♒	
asc. node	-2252 Mar 11 j 13:27	29°♑28'35			-2250 Aug 21 j 12:00	0°♓	
	-2252 Mar 11 j 23:50	0°♒		asc. node	-2250 Aug 27 j 08:56	6°♓59'10	
	-2252 Apr 06 j 00:16	0°♓			-2250 Sep 15 j 09:14	0°♔	
	-2252 May 01 j 14:40	0°♕			-2250 Oct 09 j 15:21	0°♖	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2250 Nov 02 j 14:27	0°♌		desc. node	-2247 Jun 02 j 19:48	19°♊28'02	
	-2250 Nov 26 j 11:57	0°♍		evening set	-2247 Jun 17 j 06:37	15°♊04'39	
desc. node	-2250 Dec 17 j 01:17	25°♍45'15		inferior conj	-2247 Jun 23 j 09:28	11°♊28'40	-4°-35'-50
	-2250 Dec 20 j 10:45	0°♎		minimum elong	-2247 Jun 23 j 00:31	11°♊42'25	4°33'32
morning set	-2250 Dec 26 j 10:21	7°♎28'39		min. Earth dist.	-2247 Jun 23 j 16:47	11°♊17'27	0.28520 AU
	-2249 Jan 13 j 11:56	0°♏		morning rise	-2247 Jun 28 j 17:56	8°♊16'40	
				direct	-2247 Jul 14 j 22:56	3°♊17'03	
superior conj	-2249 Feb 05 j 07:43	28°♏21'03	-1°-23'-12	greatest brilliancy	-2247 Jul 29 j 14:31	7°♊02'26	-4.6m
minimum elong	-2249 Feb 05 j 04:02	28°♏09'37	1°23'13		-2247 Aug 28 j 20:41	0°♋	
	-2249 Feb 06 j 15:40	0°♌		morning max el	-2247 Sep 02 j 22:03	4°♋55'51	46°30'24
max. Earth dist.	-2249 Feb 09 j 00:03	2°♌54'36	1.72619 AU	asc. node	-2247 Sep 23 j 20:31	27°♋08'20	
	-2249 Mar 02 j 22:09	0°♍			-2247 Sep 26 j 09:53	0°♌	
evening rise	-2249 Mar 15 j 20:41	15°♍55'41			-2247 Oct 22 j 04:40	0°♍	
	-2249 Mar 27 j 07:44	0°♎			-2247 Nov 15 j 22:42	0°♎	
asc. node	-2249 Apr 09 j 01:27	15°♎35'29			-2247 Dec 10 j 07:32	0°♏	
	-2249 Apr 20 j 20:47	0°♏			-2246 Jan 03 j 14:17	0°♐	
	-2249 May 15 j 13:41	0°♐		desc. node	-2246 Jan 13 j 13:18	12°♐17'53	
	-2249 Jun 09 j 11:31	0°♑			-2246 Jan 27 j 21:43	0°♑	
	-2249 Jul 04 j 16:56	0°♒			-2246 Feb 21 j 06:28	0°♒	
desc. node	-2249 Jul 29 j 17:27	29°♒07'34		morning set	-2246 Mar 10 j 08:47	21°♒00'51	
	-2249 Jul 30 j 11:46	0°♓			-2246 Mar 17 j 16:20	0°♓	
	-2249 Aug 26 j 10:02	0°♈			-2246 Apr 11 j 02:51	0°♈	
evening max el	-2249 Sep 10 j 18:36	15°♈58'02	47°18'14				
	-2249 Sep 25 j 16:03	0°♉		superior conj	-2246 Apr 16 j 08:09	6°♈24'30	0°-45'-7
greatest brilliancy	-2249 Oct 19 j 21:10	16°♉27'43	-4.7m	minimum elong	-2246 Apr 16 j 16:03	6°♈48'46	0°44'48
retrograde	-2249 Oct 31 j 10:25	18°♉58'37		max. Earth dist.	-2246 Apr 16 j 01:20	6°♈03'35	1.73687 AU
evening set	-2249 Nov 14 j 20:45	14°♉49'14			-2246 May 05 j 13:27	0°♉	
asc. node	-2249 Nov 19 j 17:47	11°♉58'36		asc. node	-2246 May 06 j 13:28	1°♉13'43	
min. Earth dist.	-2249 Nov 20 j 12:47	11°♉29'26	0.26434 AU	evening rise	-2246 May 22 j 10:32	20°♉43'49	
inferior conj	-2249 Nov 21 j 00:31	11°♉11'22	0°19'50		-2246 May 29 j 23:37	0°♊	
minimum elong	-2249 Nov 20 j 23:47	11°♉12'31	0°19'33		-2246 Jun 23 j 09:18	0°♋	
morning rise	-2249 Nov 27 j 03:10	7°♉35'54			-2246 Jul 17 j 19:23	0°♌	
direct	-2249 Dec 11 j 06:06	3°♉35'12			-2246 Aug 11 j 07:34	0°♍	
greatest brilliancy	-2249 Dec 22 j 13:50	5°♉58'55	-4.6m	desc. node	-2246 Aug 26 j 05:29	18°♍09'25	
	-2248 Jan 24 j 08:10	0°♊			-2246 Sep 05 j 00:11	0°♎	
morning max el	-2248 Jan 30 j 02:59	5°♊35'40	46°27'43		-2246 Sep 30 j 00:57	0°♏	
	-2248 Feb 22 j 11:38	0°♋			-2246 Oct 25 j 18:28	0°♐	
desc. node	-2248 Mar 10 j 10:48	18°♋49'56		evening max el	-2246 Nov 21 j 14:39	29°♐15'56	47°14'44
	-2248 Mar 20 j 06:48	0°♌			-2246 Nov 22 j 07:55	0°♑	
	-2248 Apr 15 j 04:01	0°♍		asc. node	-2246 Dec 17 j 05:43	22°♑25'09	
	-2248 May 10 j 12:45	0°♎		greatest brilliancy	-2246 Dec 28 j 09:31	29°♑21'48	-4.6m
	-2248 Jun 04 j 12:06	0°♏			-2246 Dec 29 j 17:56	0°♒	
	-2248 Jun 29 j 02:55	0°♐		retrograde	-2245 Jan 11 j 14:18	3°♒05'22	
asc. node	-2248 Jul 01 j 11:16	2°♐53'00			-2245 Jan 23 j 19:04	30°♒3	
	-2248 Jul 23 j 09:57	0°♑		evening set	-2245 Jan 28 j 22:24	27°♒08'19	
morning set	-2248 Jul 26 j 05:18	3°♑29'19		min. Earth dist.	-2245 Jan 31 j 20:53	25°♒18'04	0.28314 AU
	-2248 Aug 16 j 10:46	0°♒		inferior conj	-2245 Feb 01 j 16:35	24°♒46'45	8°15'48
max. Earth dist.	-2248 Aug 30 j 04:39	17°♒15'08	1.71414 AU	minimum elong	-2245 Feb 01 j 12:16	24°♒53'36	8°15'27
				morning rise	-2245 Feb 05 j 02:30	22°♒38'35	
superior conj	-2248 Sep 01 j 19:41	20°♒33'14	1°22'51	direct	-2245 Feb 22 j 17:18	16°♒39'35	
minimum elong	-2248 Sep 01 j 23:26	20°♒45'03	1°22'51	greatest brilliancy	-2245 Mar 05 j 16:06	18°♒51'12	-4.5m
	-2248 Sep 09 j 07:55	0°♓			-2245 Mar 24 j 09:26	0°♓	
	-2248 Oct 03 j 04:03	0°♈		desc. node	-2245 Apr 07 j 22:20	12°♓21'38	
evening rise	-2248 Oct 11 j 21:53	10°♈59'44		morning max el	-2245 Apr 12 j 15:55	16°♓48'04	45°52'05
desc. node	-2248 Oct 21 j 03:30	22°♈35'39			-2245 Apr 25 j 22:15	0°♈	
	-2248 Oct 27 j 01:07	0°♉			-2245 May 23 j 17:17	0°♊	
	-2248 Nov 20 j 00:19	0°♊			-2245 Jun 18 j 22:06	0°♋	
	-2248 Dec 14 j 02:53	0°♋			-2245 Jul 14 j 05:10	0°♌	
	-2247 Jan 07 j 11:16	0°♌		asc. node	-2245 Jul 29 j 23:11	19°♌05'33	
	-2247 Feb 01 j 06:06	0°♍			-2245 Aug 07 j 20:47	0°♍	
asc. node	-2247 Feb 11 j 03:28	11°♍44'58			-2245 Sep 01 j 01:16	0°♎	
	-2247 Feb 26 j 19:22	0°♎			-2245 Sep 24 j 22:57	0°♏	
	-2247 Mar 25 j 19:22	0°♏		morning set	-2245 Oct 07 j 16:27	16°♏02'57	
evening max el	-2247 Apr 14 j 16:30	20°♏09'57	45°11'45		-2245 Oct 18 j 17:49	0°♐	
	-2247 Apr 25 j 12:37	0°♐			-2245 Nov 11 j 12:53	0°♑	
greatest brilliancy	-2247 May 19 j 18:21	16°♐24'02	-4.5m				
retrograde	-2247 Jun 02 j 01:28	19°♐28'43		superior conj	-2245 Nov 17 j 22:54	8°♐04'30	0°01'39

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:42, page 32

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2245 Nov 17 j 23:20	8°♌05'55	0°01'36	min. Earth dist.	-2242 Apr 12 j 17:43	2°♑18'08	0.29181 AU
behind sun begin	-2245 Nov 16 j 20:28	6°♌41'23			-2242 Apr 16 j 10:38	30°♊	
behind sun end	-2245 Nov 19 j 02:13	9°♌30'26		morning rise	-2242 Apr 18 j 05:26	28°♊57'32	
desc. node	-2245 Nov 18 j 15:30	8°♌56'46		direct	-2242 May 04 j 00:07	24°♊11'24	
max. Earth dist.	-2245 Nov 21 j 15:28	12°♌42'59	1.71097 AU	desc. node	-2242 May 05 j 10:03	24°♊13'41	
	-2245 Dec 05 j 09:49	0°♊		greatest brilliancy	-2242 May 17 j 11:25	27°♊20'48	-4.5m
	-2245 Dec 29 j 09:26	0°♊			-2242 May 22 j 17:15	0°♑	
evening rise	-2245 Dec 30 j 00:22	0°♊46'34		morning max el	-2242 Jun 21 j 21:21	24°♑02'06	45°52'52
	-2244 Jan 22 j 12:33	0°♊			-2242 Jun 27 j 23:36	0°♊	
	-2244 Feb 15 j 20:33	0°♊			-2242 Jul 26 j 02:39	0°♊	
asc. node	-2244 Mar 10 j 15:28	28°♊59'01			-2242 Aug 21 j 01:24	0°♊	
	-2244 Mar 11 j 11:39	0°♑		asc. node	-2242 Aug 26 j 10:53	6°♊25'45	
	-2244 Apr 05 j 12:44	0°♊			-2242 Sep 14 j 21:41	0°♊	
	-2244 May 01 j 04:23	0°♊			-2242 Oct 09 j 03:18	0°♊	
	-2244 May 27 j 20:31	0°♊			-2242 Nov 02 j 02:07	0°♊	
evening max el	-2244 Jun 25 j 16:55	29°♊53'05	45°55'59		-2242 Nov 25 j 23:26	0°♌	
	-2244 Jun 25 j 19:48	0°♊		desc. node	-2242 Dec 16 j 03:29	25°♌16'30	
desc. node	-2244 Jun 30 j 07:44	4°♊14'34			-2242 Dec 19 j 22:08	0°♊	
greatest brilliancy	-2244 Aug 03 j 11:38	28°♊16'24	-4.6m	morning set	-2242 Dec 23 j 20:28	4°♊54'52	
	-2244 Aug 10 j 08:23	0°♊			-2241 Jan 12 j 23:11	0°♊	
retrograde	-2244 Aug 13 j 23:01	0°♊14'47					
	-2244 Aug 17 j 12:11	30°♊		superior conj	-2241 Feb 02 j 21:02	25°♊59'00	-1°-22'-30
evening set	-2244 Aug 31 j 19:44	24°♊19'27		minimum elong	-2241 Feb 02 j 16:29	25°♊44'51	1°22'31
inferior conj	-2244 Sep 03 j 18:52	22°♊32'27	-8°-43'-24		-2241 Feb 06 j 02:49	0°♊	
minimum elong	-2244 Sep 03 j 23:35	22°♊25'18	8°43'04	max. Earth dist.	-2241 Feb 06 j 13:29	0°♊33'01	1.72562 AU
min. Earth dist.	-2244 Sep 04 j 09:28	22°♊10'16	0.27192 AU		-2241 Mar 02 j 09:15	0°♊	
morning rise	-2244 Sep 07 j 03:16	20°♊31'36		evening rise	-2241 Mar 13 j 12:35	13°♊42'52	
direct	-2244 Sep 24 j 14:19	14°♊44'48			-2241 Mar 26 j 18:52	0°♑	
greatest brilliancy	-2244 Oct 08 j 01:34	18°♊05'27	-4.7m	asc. node	-2241 Apr 08 j 03:33	15°♑07'42	
asc. node	-2244 Oct 21 j 08:10	26°♊24'49			-2241 Apr 20 j 08:06	0°♊	
	-2244 Oct 25 j 20:23	0°♊			-2241 May 15 j 01:23	0°♊	
morning max el	-2244 Nov 14 j 09:59	18°♊22'23	46°54'07		-2241 Jun 08 j 23:52	0°♊	
	-2244 Nov 25 j 10:03	0°♊			-2241 Jul 04 j 06:22	0°♊	
	-2244 Dec 21 j 23:16	0°♌		desc. node	-2241 Jul 28 j 19:29	28°♊29'48	
	-2243 Jan 16 j 10:13	0°♊			-2241 Jul 30 j 03:06	0°♊	
desc. node	-2243 Feb 10 j 01:06	29°♊27'47			-2241 Aug 26 j 05:25	0°♊	
	-2243 Feb 10 j 11:49	0°♊		evening max el	-2241 Sep 08 j 07:30	13°♊31'19	47°16'29
	-2243 Mar 07 j 09:23	0°♊			-2241 Sep 26 j 02:07	0°♌	
	-2243 Apr 01 j 04:21	0°♊		greatest brilliancy	-2241 Oct 17 j 11:41	13°♌59'52	-4.7m
	-2243 Apr 25 j 20:47	0°♑		retrograde	-2241 Oct 28 j 23:06	16°♌29'14	
morning set	-2243 May 17 j 04:24	26°♑01'58		evening set	-2241 Nov 12 j 10:01	12°♌18'57	
	-2243 May 20 j 10:09	0°♊		min. Earth dist.	-2241 Nov 18 j 02:46	8°♌58'32	0.26407 AU
asc. node	-2243 Jun 03 j 01:31	16°♊44'35		inferior conj	-2241 Nov 18 j 13:05	8°♌42'45	0°-4'-24
	-2243 Jun 13 j 19:46	0°♊		minimum elong	-2241 Nov 18 j 13:15	8°♌42'29	0°04'24
max. Earth dist.	-2243 Jun 18 j 07:40	5°♊32'58	1.73103 AU	transit middle	-2241 Nov 18 j 13:15	8°♌42'29	0°04'24
				transit begin	-2241 Nov 18 j 09:19	8°♌48'30	
superior conj	-2243 Jun 22 j 05:46	10°♊23'41	0°43'11	transit end	-2241 Nov 18 j 17:10	8°♌36'28	
minimum elong	-2243 Jun 21 j 22:17	10°♊00'31	0°42'55	asc. node	-2241 Nov 18 j 19:55	8°♌32'14	
	-2243 Jul 08 j 01:33	0°♊		morning rise	-2241 Nov 24 j 16:45	5°♌06'24	
evening rise	-2243 Jul 28 j 06:27	25°♊07'39		direct	-2241 Dec 08 j 18:19	1°♌06'45	
	-2243 Aug 01 j 04:19	0°♊		greatest brilliancy	-2241 Dec 20 j 04:43	3°♌33'36	-4.6m
	-2243 Aug 25 j 05:45	0°♊			-2240 Jan 24 j 09:39	0°♊	
	-2243 Sep 18 j 07:45	0°♊		morning max el	-2240 Jan 27 j 17:05	3°♊14'07	46°29'08
desc. node	-2243 Sep 22 j 17:32	5°♊28'45			-2240 Feb 22 j 04:44	0°♊	
	-2243 Oct 12 j 11:58	0°♌		desc. node	-2240 Mar 09 j 12:50	18°♊13'09	
	-2243 Nov 05 j 20:15	0°♊			-2240 Mar 19 j 20:59	0°♊	
	-2243 Nov 30 j 12:26	0°♊			-2240 Apr 14 j 16:45	0°♊	
	-2243 Dec 25 j 21:30	0°♊			-2240 May 10 j 00:40	0°♑	
asc. node	-2242 Jan 13 j 17:34	21°♊12'58			-2240 Jun 03 j 23:31	0°♊	
	-2242 Jan 21 j 22:20	0°♊			-2240 Jun 28 j 14:04	0°♊	
evening max el	-2242 Jan 31 j 15:07	9°♊53'54	45°55'13	asc. node	-2240 Jun 30 j 13:24	2°♊25'19	
	-2242 Feb 23 j 15:16	0°♑			-2240 Jul 22 j 20:59	0°♊	
greatest brilliancy	-2242 Mar 07 j 02:02	7°♑01'49	-4.5m	morning set	-2240 Jul 23 j 21:43	1°♊16'51	
retrograde	-2242 Mar 21 j 19:34	10°♑51'47			-2240 Aug 15 j 21:49	0°♊	
evening set	-2242 Apr 07 j 02:12	5°♑46'40		max. Earth dist.	-2240 Aug 27 j 16:39	14°♊47'10	1.71462 AU
inferior conj	-2242 Apr 12 j 07:09	2°♑34'52	4°58'31				
minimum elong	-2242 Apr 12 j 15:52	2°♑21'03	4°56'31	superior conj	-2240 Aug 30 j 09:51	18°♊12'00	1°23'26

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2240 Aug 30 j 12:47	18°02'11"12	1°23'27"	greatest brilliancy	-2237 Mar 03 j 04:07	16°03'33"46	-4.5m
	-2240 Sep 08 j 19:03	0°00'			-2237 Mar 24 j 20:30	0°00'	
	-2240 Oct 02 j 15:18	0°00'		desc. node	-2237 Apr 07 j 00:32	11°00'30"11	
evening rise	-2240 Oct 09 j 08:09	8°02'25"41		morning max el	-2237 Apr 10 j 06:51	14°00'35"06	45°52'46"
desc. node	-2240 Oct 20 j 05:41	22°02'07"00			-2237 Apr 25 j 16:30	0°00'	
	-2240 Oct 26 j 12:28	0°00'			-2237 May 23 j 07:37	0°00'	
	-2240 Nov 19 j 11:46	0°00'			-2237 Jun 18 j 10:46	0°00'	
	-2240 Dec 13 j 14:30	0°00'			-2237 Jul 13 j 16:59	0°00'	
	-2239 Jan 06 j 23:14	0°00'		asc. node	-2237 Jul 29 j 01:12	18°00'36"30	
	-2239 Jan 31 j 18:43	0°00'			-2237 Aug 07 j 08:09	0°00'	
asc. node	-2239 Feb 10 j 05:26	11°00'12"29			-2237 Aug 31 j 12:27	0°00'	
	-2239 Feb 26 j 09:21	0°00'			-2237 Sep 24 j 10:02	0°00'	
	-2239 Mar 25 j 12:39	0°00'		morning set	-2237 Oct 05 j 04:13	13°00'33"52	
evening max el	-2239 Apr 12 j 09:00	18°00'01"05	45°11'47"		-2237 Oct 18 j 04:52	0°00'	
	-2239 Apr 25 j 18:28	0°00'			-2237 Nov 10 j 23:56	0°00'	
greatest brilliancy	-2239 May 17 j 07:34	14°00'10"36	-4.5m				
retrograde	-2239 May 30 j 17:17	17°00'17"21		superior conj	-2237 Nov 15 j 07:49	5°00'26"49	0°05'42"
desc. node	-2239 Jun 01 j 21:59	17°00'11"44		minimum elong	-2237 Nov 15 j 09:22	5°00'31"40	0°05'35"
evening set	-2239 Jun 14 j 20:28	12°00'55"26		behind sun begin	-2237 Nov 14 j 07:47	4°00'11"12	
inferior conj	-2239 Jun 21 j 00:58	9°00'16"39	-4°-18'-4"	behind sun end	-2237 Nov 16 j 10:57	6°00'52"07	
minimum elong	-2239 Jun 20 j 16:26	9°00'29"47	4°15'50"	desc. node	-2237 Nov 17 j 17:39	8°00'28"42	
min. Earth dist.	-2239 Jun 21 j 07:58	9°00'05"55	0.28552 AU	max. Earth dist.	-2237 Nov 18 j 21:07	9°00'55"01	1.71068 AU
morning rise	-2239 Jun 26 j 12:01	6°00'01"01			-2237 Dec 04 j 20:54	0°00'	
direct	-2239 Jul 12 j 15:27	1°00'04"39		evening rise	-2237 Dec 27 j 10:44	28°00'14"34	
greatest brilliancy	-2239 Jul 27 j 06:08	4°00'49"25	-4.5m		-2237 Dec 28 j 20:32	0°00'	
	-2239 Aug 28 j 20:29	0°00'			-2236 Jan 21 j 23:40	0°00'	
morning max el	-2239 Aug 31 j 13:41	2°00'40"17	46°28'52"		-2236 Feb 15 j 07:47	0°00'	
asc. node	-2239 Sep 22 j 22:43	26°00'27"22		asc. node	-2236 Mar 09 j 17:39	28°00'30"51	
	-2239 Sep 26 j 02:21	0°00'			-2236 Mar 10 j 23:10	0°00'	
	-2239 Oct 21 j 18:43	0°00'			-2236 Apr 05 j 00:54	0°00'	
	-2239 Nov 15 j 11:36	0°00'			-2236 Apr 30 j 17:52	0°00'	
	-2239 Dec 09 j 19:44	0°00'			-2236 May 27 j 12:46	0°00'	
	-2238 Jan 03 j 02:00	0°00'		evening max el	-2236 Jun 23 j 05:37	27°00'31"53	45°53'09"
desc. node	-2238 Jan 12 j 15:21	11°00'14"8"29			-2236 Jun 25 j 19:54	0°00'	
	-2238 Jan 27 j 09:04	0°00'		desc. node	-2236 Jun 29 j 09:44	3°00'18"59	
	-2238 Feb 20 j 17:33	0°00'		greatest brilliancy	-2236 Aug 01 j 00:02	25°00'53"27	-4.6m
morning set	-2238 Mar 08 j 00:59	18°00'49"30		retrograde	-2236 Aug 11 j 10:51	27°00'51"39	
	-2238 Mar 17 j 03:13	0°00'		evening set	-2236 Aug 29 j 09:39	21°00'54"38	
	-2238 Apr 10 j 13:39	0°00'		inferior conj	-2236 Sep 01 j 07:52	20°00'09"02	-8°-47'-24"
				minimum elong	-2236 Sep 01 j 11:42	20°00'03"12	8°47'10"
superior conj	-2238 Apr 14 j 02:21	4°00'19"56	0°-47'-44"	min. Earth dist.	-2236 Sep 01 j 22:40	19°00'46"31	0.27247 AU
minimum elong	-2238 Apr 14 j 10:32	4°00'45"04	0°47'24"	morning rise	-2236 Sep 04 j 13:34	18°00'12"02	
max. Earth dist.	-2238 Apr 14 j 00:56	4°00'15"36	1.73678 AU	direct	-2236 Sep 22 j 03:27	12°00'20"21	
	-2238 May 05 j 00:15	0°00'		greatest brilliancy	-2236 Oct 05 j 17:12	15°00'42"54	-4.7m
asc. node	-2238 May 05 j 15:41	0°00'47"23		asc. node	-2236 Oct 20 j 10:21	25°00'10"01	
evening rise	-2238 May 20 j 05:58	18°00'42"45			-2236 Oct 26 j 06:34	0°00'	
	-2238 May 29 j 10:30	0°00'		morning max el	-2236 Nov 11 j 22:16	15°00'53"06	46°54'05"
	-2238 Jun 22 j 20:26	0°00'			-2236 Nov 25 j 05:01	0°00'	
	-2238 Jul 17 j 06:54	0°00'			-2236 Dec 21 j 14:23	0°00'	
	-2238 Aug 10 j 19:39	0°00'			-2235 Jan 15 j 23:35	0°00'	
desc. node	-2238 Aug 25 j 07:31	17°00'37"38		desc. node	-2235 Feb 09 j 03:07	28°00'15"6"37	
	-2238 Sep 04 j 13:04	0°00'			-2235 Feb 10 j 00:11	0°00'	
	-2238 Sep 29 j 15:04	0°00'			-2235 Mar 06 j 21:04	0°00'	
	-2238 Oct 25 j 10:54	0°00'			-2235 Mar 31 j 15:32	0°00'	
evening max el	-2238 Nov 19 j 07:03	26°00'15"8"57	47°16'39"		-2235 Apr 25 j 07:39	0°00'	
	-2238 Nov 22 j 06:32	0°00'		morning set	-2235 May 14 j 23:19	24°00'00"11	
asc. node	-2238 Dec 16 j 07:52	21°00'09"34			-2235 May 19 j 20:49	0°00'	
greatest brilliancy	-2238 Dec 26 j 03:51	27°00'07"46	-4.6m	asc. node	-2235 Jun 02 j 03:36	16°00'18"16	
	-2237 Jan 02 j 21:05	0°00'			-2235 Jun 13 j 06:25	0°00'	
retrograde	-2237 Jan 09 j 06:34	0°00'48"25		max. Earth dist.	-2235 Jun 16 j 04:34	3°00'36"27	1.73153 AU
	-2237 Jan 15 j 11:18	30°00'13"03					
evening set	-2237 Jan 26 j 11:43	24°00'05"42		superior conj	-2235 Jun 20 j 00:29	8°00'20"17	0°40'29"
min. Earth dist.	-2237 Jan 29 j 11:13	23°00'03"49	0.28242 AU	minimum elong	-2235 Jun 19 j 17:19	7°00'58"09	0°40'14"
inferior conj	-2237 Jan 30 j 08:07	22°00'30"34	8°11'13"		-2235 Jul 07 j 12:16	0°00'	
minimum elong	-2237 Jan 30 j 03:08	22°00'38"30	8°10'47"	evening rise	-2235 Jul 25 j 23:41	22°00'58"10	
morning rise	-2237 Feb 02 j 18:57	20°00'21"01			-2235 Jul 31 j 15:12	0°00'	
direct	-2237 Feb 20 j 08:34	14°00'24"55			-2235 Aug 24 j 16:52	0°00'	

	-2235 Sep 17 j 19:11	0°♊			-2232 Feb 21 j 21:20	0°♌		
desc. node	-2235 Sep 21 j 19:42	4°♊59'50		desc. node	-2232 Mar 08 j 15:04	17°♏37'46		
	-2235 Oct 11 j 23:46	0°♋			-2232 Mar 19 j 10:49	0°♎		
	-2235 Nov 05 j 08:34	0°♈			-2232 Apr 14 j 05:12	0°♏		
	-2235 Nov 30 j 01:33	0°♐			-2232 May 09 j 12:21	0°♑		
	-2235 Dec 25 j 12:13	0°♒			-2232 Jun 03 j 10:43	0°♓		
asc. node	-2234 Jan 12 j 19:34	20°♑31'53			-2232 Jun 28 j 01:00	0°♈		
	-2234 Jan 21 j 17:12	0°♏		asc. node	-2232 Jun 29 j 15:26	1°♈58'02		
evening max el	-2234 Jan 29 j 05:18	7°♏37'09	45°57'55	morning set	-2232 Jul 21 j 14:29	29°♈06'18		
	-2234 Feb 24 j 09:35	0°♑			-2232 Jul 22 j 07:47	0°♐		
greatest brilliancy	-2234 Mar 04 j 17:38	4°♑52'18	-4.5m		-2232 Aug 15 j 08:37	0°♑		
retrograde	-2234 Mar 19 j 12:27	8°♑44'38		max. Earth dist.	-2232 Aug 25 j 04:08	12°♑18'27	1.71510 AU	
evening set	-2234 Apr 04 j 21:26	3°♑35'20						
inferior conj	-2234 Apr 09 j 23:59	0°♑27'09	5°13'39	superior conj	-2232 Aug 28 j 00:27	15°♑53'00	1°23'51	
minimum elong	-2234 Apr 10 j 08:53	0°♑13'03	5°11'40	minimum elong	-2232 Aug 28 j 02:32	15°♑59'32	1°23'53	
min. Earth dist.	-2234 Apr 10 j 10:20	0°♑10'47	0.29185 AU		-2232 Sep 08 j 05:56	0°♒		
	-2234 Apr 10 j 17:08	30°♒♏			-2232 Oct 02 j 02:20	0°♊		
morning rise	-2234 Apr 15 j 20:14	26°♏52'43		evening rise	-2232 Oct 06 j 18:36	5°♊52'54		
direct	-2234 May 01 j 16:12	22°♏03'29		desc. node	-2232 Oct 19 j 07:47	21°♊38'40		
desc. node	-2234 May 04 j 12:10	22°♏12'36			-2232 Oct 25 j 23:39	0°♋		
greatest brilliancy	-2234 May 15 j 03:25	25°♏12'39	-4.5m		-2232 Nov 18 j 23:07	0°♈		
	-2234 May 23 j 22:32	0°♑			-2232 Dec 13 j 02:04	0°♐		
morning max el	-2234 Jun 19 j 13:28	21°♑52'59	45°52'15		-2231 Jan 06 j 11:09	0°♒		
	-2234 Jun 27 j 19:15	0°♉			-2231 Jan 31 j 07:19	0°♏		
	-2234 Jul 25 j 17:26	0°♈		asc. node	-2231 Feb 09 j 07:39	10°♏40'46		
	-2234 Aug 20 j 14:21	0°♐			-2231 Feb 25 j 23:23	0°♑		
asc. node	-2234 Aug 25 j 13:06	5°♐54'18			-2231 Mar 25 j 06:12	0°♉		
	-2234 Sep 14 j 09:46	0°♑		evening max el	-2231 Apr 10 j 01:21	15°♉52'02	45°11'52	
	-2234 Oct 08 j 14:56	0°♒			-2231 Apr 26 j 02:33	0°♈		
	-2234 Nov 01 j 13:31	0°♊		greatest brilliancy	-2231 May 14 j 21:46	11°♈58'33	-4.5m	
	-2234 Nov 25 j 10:40	0°♋		retrograde	-2231 May 28 j 08:34	15°♈06'02		
desc. node	-2234 Dec 15 j 05:31	24°♋48'07		desc. node	-2231 Jun 01 j 00:01	14°♈50'33		
	-2234 Dec 19 j 09:13	0°♈		evening set	-2231 Jun 12 j 10:26	10°♈46'14		
morning set	-2234 Dec 21 j 06:15	2°♈20'51		inferior conj	-2231 Jun 18 j 16:26	7°♈04'56	-3°-59'-54	
	-2233 Jan 12 j 10:08	0°♐		minimum elong	-2231 Jun 18 j 08:21	7°♈17'23	3°57'45	
				min. Earth dist.	-2231 Jun 18 j 23:26	6°♈54'09	0.28580 AU	
superior conj	-2233 Jan 31 j 10:02	23°♐36'48	-1°-21'-38	morning rise	-2231 Jun 24 j 05:53	3°♈45'34		
minimum elong	-2233 Jan 31 j 04:38	23°♐20'02	1°21'39		-2231 Jul 02 j 18:37	30°♒♉		
max. Earth dist.	-2233 Feb 04 j 02:21	28°♐10'37	1.72507 AU	direct	-2231 Jul 10 j 07:43	28°♉52'34		
	-2233 Feb 05 j 13:40	0°♒			-2231 Jul 18 j 02:25	0°♈		
	-2233 Mar 01 j 20:04	0°♏		greatest brilliancy	-2231 Jul 24 j 20:38	2°♈35'13	-4.5m	
evening rise	-2233 Mar 11 j 04:23	11°♏30'35			-2231 Aug 28 j 19:07	0°♐		
	-2233 Mar 26 j 05:45	0°♑		morning max el	-2231 Aug 29 j 04:28	0°♐23'09	46°27'30	
asc. node	-2233 Apr 07 j 05:45	14°♑41'01		asc. node	-2231 Sep 22 j 00:52	25°♐47'13		
	-2233 Apr 19 j 19:10	0°♉			-2231 Sep 25 j 18:20	0°♑		
	-2233 May 14 j 12:48	0°♈			-2231 Oct 21 j 08:27	0°♒		
	-2233 Jun 08 j 11:56	0°♐			-2231 Nov 15 j 00:16	0°♊		
	-2233 Jul 03 j 19:32	0°♏			-2231 Dec 09 j 07:48	0°♋		
desc. node	-2233 Jul 27 j 21:32	27°♏52'47			-2230 Jan 02 j 13:39	0°♈		
	-2233 Jul 29 j 18:17	0°♒		desc. node	-2230 Jan 11 j 17:24	11°♈19'10		
	-2233 Aug 26 j 01:02	0°♊			-2230 Jan 26 j 20:25	0°♌		
evening max el	-2233 Sep 05 j 20:57	11°♊06'58	47°14'29		-2230 Feb 20 j 04:39	0°♍		
	-2233 Sep 26 j 15:16	0°♋		morning set	-2230 Mar 05 j 16:35	16°♍36'18		
greatest brilliancy	-2233 Oct 15 j 01:20	11°♌31'09	-4.7m		-2230 Mar 16 j 14:08	0°♏		
retrograde	-2233 Oct 26 j 12:00	13°♌59'26			-2230 Apr 10 j 00:26	0°♑		
evening set	-2233 Nov 09 j 23:14	9°♌47'58						
min. Earth dist.	-2233 Nov 15 j 16:12	6°♌27'23	0.26387 AU	superior conj	-2230 Apr 11 j 20:05	2°♑13'59	0°-50'-18	
inferior conj	-2233 Nov 16 j 01:18	6°♌13'29	0°-28'-56	minimum elong	-2230 Apr 12 j 04:32	2°♑39'54	0°49'59	
minimum elong	-2233 Nov 16 j 02:23	6°♌11'48	0°28'37	max. Earth dist.	-2230 Apr 11 j 23:42	2°♑25'05	1.73662 AU	
asc. node	-2233 Nov 17 j 22:03	5°♌05'22			-2230 May 04 j 11:02	0°♉		
morning rise	-2233 Nov 22 j 05:51	2°♌36'38		asc. node	-2230 May 04 j 17:42	0°♉20'28		
	-2233 Nov 28 j 04:10	30°♒♊		evening rise	-2230 May 18 j 01:04	16°♉40'39		
direct	-2233 Dec 06 j 06:47	28°♊37'47			-2230 May 28 j 21:25	0°♈		
	-2233 Dec 14 j 16:48	0°♋			-2230 Jun 22 j 07:37	0°♐		
greatest brilliancy	-2233 Dec 17 j 18:40	1°♌06'55	-4.6m		-2230 Jul 16 j 18:29	0°♏		
	-2232 Jan 24 j 09:49	0°♈			-2230 Aug 10 j 07:46	0°♒		
morning max el	-2232 Jan 25 j 07:28	0°♈53'28	46°30'34	desc. node	-2230 Aug 24 j 09:44	17°♒06'24		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2230 Sep 04 j 01:58	0°♌				-2227 Mar 31 j 02:54	0°♎		
	-2230 Sep 29 j 05:14	0°♍				-2227 Apr 24 j 18:44	0°♏		
	-2230 Oct 25 j 03:32	0°♎		morning set		-2227 May 12 j 18:05	21°♏57'05		
evening max el	-2230 Nov 16 j 22:24	24°♎39'16	47°18'19			-2227 May 19 j 07:46	0°♐		
	-2230 Nov 22 j 06:02	0°♏		asc. node		-2227 Jun 01 j 05:39	15°♐51'03		
asc. node	-2230 Dec 15 j 09:51	19°♏51'07				-2227 Jun 12 j 17:20	0°♑		
greatest brilliancy	-2230 Dec 23 j 22:30	24°♏53'35	-4.6m	max. Earth dist.		-2227 Jun 14 j 02:29	1°♑42'16	1.73200 AU	
retrograde	-2229 Jan 06 j 22:08	28°♏30'33							
evening set	-2229 Jan 24 j 00:39	22°♏42'37		superior conj		-2227 Jun 17 j 18:58	6°♑15'24	0°37'43	
min. Earth dist.	-2229 Jan 27 j 01:48	20°♏48'11	0.28173 AU	minimum elong		-2227 Jun 17 j 12:10	5°♑54'26	0°37'29	
inferior conj	-2229 Jan 27 j 23:30	20°♏13'37	8°05'48			-2227 Jul 06 j 23:15	0°♒		
minimum elong	-2229 Jan 27 j 17:52	20°♏22'36	8°05'15	evening rise		-2227 Jul 23 j 16:53	20°♒47'51		
morning rise	-2229 Jan 31 j 11:29	18°♏02'10				-2227 Jul 31 j 02:21	0°♓		
direct	-2229 Feb 17 j 23:15	12°♏09'18				-2227 Aug 24 j 04:17	0°♑		
greatest brilliancy	-2229 Feb 28 j 16:57	14°♏16'11	-4.5m			-2227 Sep 17 j 06:55	0°♒		
	-2229 Mar 25 j 04:56	0°♑		desc. node		-2227 Sep 20 j 21:46	4°♒29'38		
desc. node	-2229 Apr 06 j 02:37	10°♑38'45				-2227 Oct 11 j 11:55	0°♓		
morning max el	-2229 Apr 07 j 20:52	12°♑19'10	45°53'29			-2227 Nov 04 j 21:13	0°♎		
	-2229 Apr 25 j 10:32	0°♎				-2227 Nov 29 j 14:59	0°♏		
	-2229 May 22 j 21:56	0°♏				-2227 Dec 25 j 03:18	0°♑		
	-2229 Jun 17 j 23:28	0°♐		asc. node		-2226 Jan 11 j 21:48	19°♑50'33		
	-2229 Jul 13 j 04:52	0°♑				-2226 Jan 21 j 12:43	0°♎		
asc. node	-2229 Jul 28 j 03:20	18°♑07'30		evening max el		-2226 Jan 26 j 20:21	5°♎22'13	46°00'46	
	-2229 Aug 06 j 19:38	0°♒				-2226 Feb 25 j 10:49	0°♏		
	-2229 Aug 30 j 23:44	0°♓		greatest brilliancy		-2226 Mar 02 j 08:55	2°♏42'11	-4.5m	
	-2229 Sep 23 j 21:13	0°♑		retrograde		-2226 Mar 17 j 05:57	6°♏37'23		
morning set	-2229 Oct 02 j 16:16	11°♑05'14		evening set		-2226 Apr 02 j 16:51	1°♏23'47		
	-2229 Oct 17 j 16:01	0°♒				-2226 Apr 05 j 00:37	30°♎		
	-2229 Nov 10 j 11:04	0°♓		inferior conj		-2226 Apr 07 j 16:58	28°♎19'07	5°28'13	
				minimum elong		-2226 Apr 08 j 02:00	28°♎04'49	5°26'16	
superior conj	-2229 Nov 12 j 17:12	2°♓50'22	0°09'41	min. Earth dist.		-2226 Apr 08 j 02:41	28°♎03'45	0.29191 AU	
minimum elong	-2229 Nov 12 j 19:49	2°♓58'36	0°09'31	morning rise		-2226 Apr 13 j 11:06	24°♎47'54		
behind sun begin	-2229 Nov 11 j 21:37	1°♓48'46		direct		-2226 Apr 29 j 08:50	19°♎55'18		
behind sun end	-2229 Nov 13 j 18:01	4°♓08'25		desc. node		-2226 May 03 j 14:12	20°♎15'28		
max. Earth dist.	-2229 Nov 16 j 00:38	7°♓00'12	1.71037 AU	greatest brilliancy		-2226 May 12 j 19:25	23°♎04'06	-4.5m	
desc. node	-2229 Nov 16 j 19:41	8°♓00'05				-2226 May 24 j 20:06	0°♏		
	-2229 Dec 04 j 08:01	0°♎		morning max el		-2226 Jun 17 j 06:40	19°♏45'41	45°51'31	
evening rise	-2229 Dec 24 j 21:20	25°♎43'04				-2226 Jun 27 j 14:42	0°♐		
	-2229 Dec 28 j 07:40	0°♏				-2226 Jul 25 j 08:22	0°♑		
	-2228 Jan 21 j 10:52	0°♑				-2226 Aug 20 j 03:32	0°♒		
	-2228 Feb 14 j 19:08	0°♎		asc. node		-2226 Aug 24 j 15:16	5°♒21'54		
asc. node	-2228 Mar 08 j 19:46	28°♎01'55				-2226 Sep 13 j 22:05	0°♓		
	-2228 Mar 10 j 10:53	0°♏				-2226 Oct 08 j 02:50	0°♑		
	-2228 Apr 04 j 13:21	0°♐				-2226 Nov 01 j 01:11	0°♒		
	-2228 Apr 30 j 07:43	0°♑				-2226 Nov 24 j 22:12	0°♓		
	-2228 May 27 j 05:35	0°♒		desc. node		-2226 Dec 14 j 07:35	24°♓18'55		
evening max el	-2228 Jun 20 j 17:48	25°♒08'57	45°50'29	morning set		-2226 Dec 18 j 16:07	29°♓46'02		
	-2228 Jun 25 j 21:33	0°♓				-2226 Dec 18 j 20:35	0°♎		
desc. node	-2228 Jun 28 j 11:49	2°♓21'38				-2225 Jan 11 j 21:21	0°♏		
greatest brilliancy	-2228 Jul 29 j 11:33	23°♓28'56	-4.6m						
retrograde	-2228 Aug 08 j 22:57	25°♓28'02		superior conj		-2225 Jan 28 j 23:05	21°♏13'48	-1°-20'-39	
evening set	-2228 Aug 26 j 23:01	19°♓29'35		minimum elong		-2225 Jan 28 j 16:51	20°♏54'27	1°20'37	
inferior conj	-2228 Aug 29 j 20:48	17°♓44'47	-8°-50'-23	max. Earth dist.		-2225 Feb 01 j 16:01	25°♏49'42	1.72448 AU	
minimum elong	-2228 Aug 29 j 23:42	17°♓40'22	8°50'16			-2225 Feb 05 j 00:45	0°♑		
min. Earth dist.	-2228 Aug 30 j 11:43	17°♓22'06	0.27303 AU			-2225 Mar 01 j 07:06	0°♎		
morning rise	-2228 Sep 02 j 00:10	15°♓51'14		evening rise		-2225 Mar 08 j 20:24	9°♎18'18		
direct	-2228 Sep 19 j 16:30	9°♓54'51				-2225 Mar 25 j 16:51	0°♏		
greatest brilliancy	-2228 Oct 03 j 09:28	13°♓20'32	-4.7m	asc. node		-2225 Apr 06 j 07:46	14°♏13'09		
asc. node	-2228 Oct 19 j 12:22	23°♓56'17				-2225 Apr 19 j 06:28	0°♐		
	-2228 Oct 26 j 14:21	0°♑				-2225 May 14 j 00:31	0°♑		
morning max el	-2228 Nov 09 j 11:31	13°♑25'37	46°54'18			-2225 Jun 08 j 00:21	0°♒		
	-2228 Nov 24 j 23:44	0°♒				-2225 Jul 03 j 09:10	0°♓		
	-2228 Dec 21 j 05:28	0°♓		desc. node		-2225 Jul 26 j 23:44	27°♓14'50		
	-2227 Jan 15 j 12:59	0°♎				-2225 Jul 29 j 10:04	0°♑		
desc. node	-2227 Feb 08 j 05:21	28°♎25'53				-2225 Aug 25 j 21:39	0°♒		
	-2227 Feb 09 j 12:35	0°♏		evening max el		-2225 Sep 03 j 11:16	8°♒43'53	47°12'25	
	-2227 Mar 06 j 08:50	0°♑				-2225 Sep 27 j 09:19	0°♓		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2225 Oct 12 j 14:55	9° M 01'28	-4.7m			-2222 Mar 16 j 01:13	0° H	
retrograde	-2225 Oct 24 j 01:00	11° M 28'18				-2222 Apr 09 j 11:23	0° Y	
evening set	-2225 Nov 07 j 12:37	7° M 15'43						
min. Earth dist.	-2225 Nov 13 j 05:24	3° M 55'11	0.26369 AU	superior conj		-2222 Apr 09 j 14:01	0° Y 08'04	0°-52'-48
inferior conj	-2225 Nov 13 j 13:25	3° M 42'58	0°-53'-25	minimum elong		-2222 Apr 09 j 22:41	0° Y 34'38	0°52'29
minimum elong	-2225 Nov 13 j 15:26	3° M 39'53	0°52'49	max. Earth dist.		-2222 Apr 09 j 20:47	0° Y 28'51	1.73641 AU
asc. node	-2225 Nov 17 j 00:07	1° M 38'36		asc. node		-2222 May 03 j 19:48	29° Y 53'25	
morning rise	-2225 Nov 19 j 18:36	0° M 05'48				-2222 May 03 j 21:57	0° B	
	-2225 Nov 19 j 23:01	30° R A		evening rise		-2222 May 15 j 20:25	14° B 39'01	
direct	-2225 Dec 03 j 19:28	26° A 07'44				-2222 May 28 j 08:27	0° H	
greatest brilliancy	-2225 Dec 15 j 07:44	28° A 37'55	-4.7m			-2222 Jun 21 j 18:54	0° B	
	-2225 Dec 18 j 07:59	0° M				-2222 Jul 16 j 06:12	0° Q	
morning max el	-2224 Jan 22 j 21:48	28° M 31'34	46°32'00			-2222 Aug 09 j 20:06	0° M	
	-2224 Jan 24 j 09:17	0° A		desc. node		-2222 Aug 23 j 11:44	16° M 33'48	
	-2224 Feb 21 j 13:56	0° B				-2222 Sep 03 j 15:10	0° A	
desc. node	-2224 Mar 07 j 17:05	17° B 01'13				-2222 Sep 28 j 19:49	0° M	
	-2224 Mar 19 j 00:47	0° A				-2222 Oct 24 j 20:47	0° A	
	-2224 Apr 13 j 17:49	0° H		evening max el		-2222 Nov 14 j 12:50	22° A 16'15	47°19'58
	-2224 May 09 j 00:11	0° Y				-2222 Nov 22 j 07:03	0° B	
	-2224 Jun 02 j 22:07	0° B		asc. node		-2222 Dec 14 j 12:03	18° B 29'35	
	-2224 Jun 27 j 12:09	0° H		greatest brilliancy		-2222 Dec 21 j 16:52	22° B 37'47	-4.6m
asc. node	-2224 Jun 28 j 17:37	1° H 30'30		retrograde		-2221 Jan 04 j 13:20	26° B 11'36	
morning set	-2224 Jul 19 j 07:17	26° H 55'04		evening set		-2221 Jan 21 j 13:16	20° B 28'38	
	-2224 Jul 21 j 18:52	0° B		min. Earth dist.		-2221 Jan 24 j 16:36	18° B 31'00	0.28101 AU
	-2224 Aug 14 j 19:44	0° Q		inferior conj		-2221 Jan 25 j 14:46	17° B 55'41	7°59'39
max. Earth dist.	-2224 Aug 22 j 12:30	9° Q 39'11	1.71562 AU	minimum elong		-2221 Jan 25 j 08:30	18° B 05'40	7°58'57
				morning rise		-2221 Jan 29 j 04:08	15° B 42'02	
superior conj	-2224 Aug 25 j 15:06	13° Q 33'15	1°24'08	direct		-2221 Feb 15 j 13:17	9° B 52'34	
minimum elong	-2224 Aug 25 j 16:21	13° Q 37'10	1°24'10	greatest brilliancy		-2221 Feb 26 j 06:35	11° B 58'40	-4.5m
	-2224 Sep 07 j 17:09	0° M				-2221 Mar 25 j 11:11	0° A	
	-2224 Oct 01 j 13:40	0° A		desc. node		-2221 Apr 05 j 04:40	9° A 47'52	
evening rise	-2224 Oct 04 j 04:56	3° A 18'50		morning max el		-2221 Apr 05 j 10:38	10° A 02'08	45°54'24
desc. node	-2224 Oct 18 j 09:47	21° A 09'06				-2221 Apr 25 j 04:14	0° H	
	-2224 Oct 25 j 11:08	0° M				-2221 May 22 j 12:08	0° Y	
	-2224 Nov 18 j 10:45	0° A				-2221 Jun 17 j 12:07	0° B	
	-2224 Dec 12 j 13:56	0° B				-2221 Jul 12 j 16:42	0° H	
	-2223 Jan 05 j 23:23	0° A		asc. node		-2221 Jul 27 j 05:31	17° H 38'51	
	-2223 Jan 30 j 20:15	0° H				-2221 Aug 06 j 07:04	0° B	
asc. node	-2223 Feb 08 j 09:46	10° H 07'50		greatest brilliancy		-2221 Aug 19 j 18:29	16° B 40'35	-3.9m
	-2223 Feb 25 j 13:47	0° Y				-2221 Aug 30 j 10:59	0° Q	
	-2223 Mar 25 j 00:21	0° B				-2221 Sep 23 j 08:25	0° M	
evening max el	-2223 Apr 07 j 17:24	13° B 41'57	45°12'08	morning set		-2221 Sep 30 j 04:27	8° M 36'57	
	-2223 Apr 26 j 13:35	0° H				-2221 Oct 17 j 03:13	0° A	
greatest brilliancy	-2223 May 12 j 12:23	9° H 47'13	-4.5m			-2221 Nov 09 j 22:18	0° M	
retrograde	-2223 May 25 j 23:38	12° H 55'27						
desc. node	-2223 May 31 j 02:05	12° H 25'09		superior conj		-2221 Nov 10 j 02:16	0° M 12'29	0°13'40
evening set	-2223 Jun 10 j 00:56	8° H 37'24		minimum elong		-2221 Nov 10 j 05:57	0° M 24'05	0°13'28
inferior conj	-2223 Jun 16 j 08:15	4° H 54'00	-3°-41'-44	behind sun begin		-2221 Nov 09 j 14:26	29° A 35'15	
minimum elong	-2223 Jun 16 j 00:40	5° H 05'43	3°39'40	behind sun end		-2221 Nov 10 j 21:27	1° M 12'54	
min. Earth dist.	-2223 Jun 16 j 15:32	4° H 42'44	0.28611 AU	max. Earth dist.		-2221 Nov 13 j 01:11	3° M 55'39	1.71017 AU
morning rise	-2223 Jun 21 j 23:57	1° H 30'58		desc. node		-2221 Nov 15 j 21:49	7° M 31'30	
	-2223 Jun 24 j 21:22	30° R B				-2221 Dec 03 j 19:17	0° A	
direct	-2223 Jul 07 j 23:55	26° B 41'09		evening rise		-2221 Dec 22 j 07:17	23° A 09'09	
	-2223 Jul 21 j 16:58	0° H				-2221 Dec 27 j 18:56	0° B	
greatest brilliancy	-2223 Jul 22 j 11:27	0° H 21'29	-4.5m			-2220 Jan 20 j 22:10	0° A	
morning max el	-2223 Aug 26 j 18:43	28° H 04'13	46°25'53			-2220 Feb 14 j 06:34	0° H	
	-2223 Aug 28 j 17:08	0° B		asc. node		-2220 Mar 07 j 21:46	27° H 32'25	
asc. node	-2223 Sep 21 j 02:52	25° B 06'12				-2220 Mar 09 j 22:41	0° Y	
	-2223 Sep 25 j 10:23	0° Q				-2220 Apr 04 j 01:54	0° B	
	-2223 Oct 20 j 22:24	0° M				-2220 Apr 29 j 21:41	0° H	
	-2223 Nov 14 j 13:10	0° A				-2220 May 26 j 22:39	0° B	
	-2223 Dec 08 j 20:04	0° M		evening max el		-2220 Jun 18 j 06:50	22° B 48'49	45°48'07
	-2222 Jan 02 j 01:29	0° A				-2220 Jun 26 j 00:21	0° Q	
desc. node	-2222 Jan 10 j 19:36	10° A 49'45		desc. node		-2220 Jun 27 j 14:02	1° Q 23'55	
	-2222 Jan 26 j 07:56	0° B		greatest brilliancy		-2220 Jul 26 j 22:00	21° Q 04'45	-4.6m
	-2222 Feb 19 j 15:55	0° A		retrograde		-2220 Aug 06 j 11:54	23° Q 06'13	
morning set	-2222 Mar 03 j 08:07	14° A 22'09		evening set		-2220 Aug 24 j 12:12	17° Q 06'52	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2220 Aug 27 j 10:01	15°♌22'10	-8°-52'-23	max. Earth dist.	-2217 Jan 30 j 06:30	23°♊31'56	1.72397 AU
minimum elong	-2220 Aug 27 j 12:00	15°♌19'10	8°52'18		-2217 Feb 04 j 11:39	0°♊	
min. Earth dist.	-2220 Aug 28 j 00:40	14°♌59'58	0.27362 AU		-2217 Feb 28 j 17:58	0°♋	
morning rise	-2220 Aug 30 j 11:36	13°♌31'26		evening rise	-2217 Mar 06 j 11:46	7°♋04'27	
direct	-2220 Sep 17 j 06:19	7°♌31'05			-2217 Mar 25 j 03:47	0°♌	
greatest brilliancy	-2220 Oct 01 j 01:49	10°♌59'44	-4.7m	asc. node	-2217 Apr 05 j 09:51	13°♌45'58	
asc. node	-2220 Oct 18 j 14:32	22°♌45'43			-2217 Apr 18 j 17:35	0°♍	
	-2220 Oct 26 j 19:37	0°♍			-2217 May 13 j 12:04	0°♎	
morning max el	-2220 Nov 07 j 01:51	11°♍01'31	46°54'04		-2217 Jun 07 j 12:37	0°♏	
	-2220 Nov 24 j 17:54	0°♏			-2217 Jul 02 j 22:40	0°♐	
	-2220 Dec 20 j 20:23	0°♐		desc. node	-2217 Jul 26 j 01:45	26°♐36'46	
	-2219 Jan 15 j 02:20	0°♑			-2217 Jul 29 j 01:50	0°♑	
desc. node	-2219 Feb 07 j 07:22	27°♑54'26			-2217 Aug 25 j 18:35	0°♒	
	-2219 Feb 09 j 01:00	0°♒		evening max el	-2217 Sep 01 j 02:02	6°♒23'03	47°10'19
	-2219 Mar 05 j 20:35	0°♓			-2217 Sep 28 j 08:42	0°♓	
	-2219 Mar 30 j 14:11	0°♋		greatest brilliancy	-2217 Oct 10 j 05:20	6°♓34'21	-4.7m
	-2219 Apr 24 j 05:43	0°♌		retrograde	-2217 Oct 21 j 13:52	8°♓58'42	
morning set	-2219 May 10 j 12:41	19°♌53'50		evening set	-2217 Nov 05 j 02:24	4°♓45'07	
	-2219 May 18 j 18:37	0°♍		inferior conj	-2217 Nov 11 j 01:41	1°♓14'17	-1°-17'-47
asc. node	-2219 May 31 j 07:49	15°♍24'32		minimum elong	-2217 Nov 11 j 04:37	1°♓09'48	1°16'54
max. Earth dist.	-2219 Jun 12 j 00:51	29°♍49'52	1.73242 AU	min. Earth dist.	-2217 Nov 10 j 18:54	1°♓24'39	0.26350 AU
	-2219 Jun 12 j 04:09	0°♎			-2217 Nov 13 j 02:36	30°♓♒	
				asc. node	-2217 Nov 16 j 02:16	28°♒16'00	
superior conj	-2219 Jun 15 j 13:31	4°♎11'05	0°34'56	morning rise	-2217 Nov 17 j 07:13	27°♒36'50	
minimum elong	-2219 Jun 15 j 07:07	3°♎51'22	0°34'41	direct	-2217 Dec 01 j 08:13	23°♒39'41	
	-2219 Jul 06 j 10:06	0°♏		greatest brilliancy	-2217 Dec 12 j 20:32	26°♒10'08	-4.7m
evening rise	-2219 Jul 21 j 10:28	18°♏39'15			-2217 Dec 20 j 07:35	0°♓	
	-2219 Jul 30 j 13:20	0°♐		morning max el	-2216 Jan 20 j 11:23	26°♓09'04	46°33'12
	-2219 Aug 23 j 15:29	0°♑			-2216 Jan 24 j 07:16	0°♑	
	-2219 Sep 16 j 18:26	0°♒			-2216 Feb 21 j 05:51	0°♒	
desc. node	-2219 Sep 19 j 23:48	4°♒00'06		desc. node	-2216 Mar 06 j 19:08	16°♒26'01	
	-2219 Oct 10 j 23:50	0°♓			-2216 Mar 18 j 14:19	0°♓	
	-2219 Nov 04 j 09:41	0°♋			-2216 Apr 13 j 06:07	0°♋	
	-2219 Nov 29 j 04:22	0°♌			-2216 May 08 j 11:45	0°♌	
	-2219 Dec 24 j 18:31	0°♍			-2216 Jun 02 j 09:14	0°♍	
asc. node	-2218 Jan 10 j 23:54	19°♍08'21			-2216 Jun 26 j 23:02	0°♎	
	-2218 Jan 21 j 08:52	0°♋		asc. node	-2216 Jun 27 j 19:41	1°♎03'27	
evening max el	-2218 Jan 24 j 12:15	3°♋09'12	46°03'35	morning set	-2216 Jul 16 j 23:56	24°♎44'20	
	-2218 Feb 26 j 23:04	0°♌			-2216 Jul 21 j 05:39	0°♏	
greatest brilliancy	-2218 Feb 28 j 01:00	0°♌32'43	-4.5m		-2216 Aug 14 j 06:32	0°♐	
retrograde	-2218 Mar 14 j 23:24	4°♌29'14		max. Earth dist.	-2216 Aug 19 j 20:32	6°♐59'52	1.71616 AU
	-2218 Mar 30 j 02:06	30°♒♋					
evening set	-2218 Mar 31 j 12:05	29°♋11'33		superior conj	-2216 Aug 23 j 05:52	11°♐14'58	1°24'16
inferior conj	-2218 Apr 05 j 09:40	26°♋10'23	5°42'31	minimum elong	-2216 Aug 23 j 06:18	11°♐16'19	1°24'19
minimum elong	-2218 Apr 05 j 18:48	25°♋55'56	5°40'38		-2216 Sep 07 j 04:04	0°♑	
min. Earth dist.	-2218 Apr 05 j 18:29	25°♋56'25	0.29192 AU		-2216 Oct 01 j 00:42	0°♒	
morning rise	-2218 Apr 11 j 01:32	22°♋42'34		evening rise	-2216 Oct 01 j 15:32	0°♒46'37	
direct	-2218 Apr 27 j 01:32	17°♋46'39		desc. node	-2216 Oct 17 j 11:57	20°♒41'04	
desc. node	-2218 May 02 j 16:21	18°♋22'06			-2216 Oct 24 j 22:16	0°♓	
greatest brilliancy	-2218 May 10 j 10:00	20°♋53'47	-4.5m		-2216 Nov 17 j 22:01	0°♑	
	-2218 May 25 j 12:05	0°♌			-2216 Dec 12 j 01:24	0°♒	
morning max el	-2218 Jun 14 j 23:57	17°♌39'06	45°50'51		-2215 Jan 05 j 11:14	0°♓	
	-2218 Jun 27 j 09:27	0°♍			-2215 Jan 30 j 08:51	0°♋	
	-2218 Jul 24 j 22:55	0°♎		asc. node	-2215 Feb 07 j 11:45	9°♋35'33	
	-2218 Aug 19 j 16:22	0°♏			-2215 Feb 25 j 03:59	0°♌	
asc. node	-2218 Aug 23 j 17:12	4°♏49'41			-2215 Mar 24 j 18:38	0°♍	
	-2218 Sep 13 j 10:06	0°♐		evening max el	-2215 Apr 05 j 08:37	11°♍30'24	45°12'17
	-2218 Oct 07 j 14:24	0°♑			-2215 Apr 27 j 04:10	0°♎	
	-2218 Oct 31 j 12:31	0°♒		greatest brilliancy	-2215 May 10 j 02:38	7°♎35'41	-4.5m
	-2218 Nov 24 j 09:22	0°♓		retrograde	-2215 May 23 j 14:27	10°♎45'15	
desc. node	-2218 Dec 13 j 09:45	23°♓51'04		desc. node	-2215 May 30 j 04:16	9°♎54'52	
morning set	-2218 Dec 16 j 02:08	27°♓12'35		evening set	-2215 Jun 07 j 15:26	6°♎28'26	
	-2218 Dec 18 j 07:39	0°♋		inferior conj	-2215 Jun 13 j 23:56	2°♎43'25	-3°-23'-5
	-2217 Jan 11 j 08:19	0°♌		minimum elong	-2215 Jun 13 j 16:53	2°♎54'18	3°21'08
				min. Earth dist.	-2215 Jun 14 j 07:52	2°♎31'08	0.28642 AU
superior conj	-2217 Jan 26 j 11:38	18°♒49'50	-1°-19'-29		-2215 Jun 18 j 11:34	30°♒♋	
minimum elong	-2217 Jan 26 j 04:35	18°♒27'58	1°19'26	morning rise	-2215 Jun 19 j 17:49	29°♋16'52	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2215 Jul 05 j 15:29	24°♄29'55		-2212 Jan 20 j 09:17	0°♁	
greatest brilliancy	-2215 Jul 20 j 02:54	28°♄09'06	-4.5m	-2212 Feb 13 j 17:50	0°♁	
	-2215 Jul 23 j 16:32	0°♂		asc. node	-2212 Mar 06 j 23:58	27°♁04'03
morning max el	-2215 Aug 24 j 08:32	25°♂45'01	46°24'27		-2212 Mar 09 j 10:19	0°♂
	-2215 Aug 28 j 14:03	0°♄			-2212 Apr 03 j 14:17	0°♄
asc. node	-2215 Sep 20 j 05:04	24°♄27'04			-2212 Apr 29 j 11:35	0°♂
	-2215 Sep 25 j 01:53	0°♂			-2212 May 26 j 15:55	0°♄
	-2215 Oct 20 j 11:53	0°♄		evening max el	-2212 Jun 15 j 20:43	20°♄31'05 45°45'32
	-2215 Nov 14 j 01:40	0°♄			-2212 Jun 26 j 04:50	0°♂
	-2215 Dec 08 j 07:58	0°♄		desc. node	-2212 Jun 26 j 16:01	0°♂24'19
	-2214 Jan 01 j 12:57	0°♄		greatest brilliancy	-2212 Jul 24 j 07:27	18°♂39'23 -4.6m
desc. node	-2214 Jan 09 j 21:36	10°♄20'51		retrograde	-2212 Aug 04 j 00:58	20°♂43'54
	-2214 Jan 25 j 19:05	0°♄		evening set	-2212 Aug 22 j 00:44	14°♂44'21
	-2214 Feb 19 j 02:49	0°♁		inferior conj	-2212 Aug 24 j 23:02	12°♂59'00 -8°-53'-22
morning set	-2214 Feb 28 j 23:41	12°♁09'13		minimum elong	-2212 Aug 25 j 00:06	12°♂57'23 8°53'20
	-2214 Mar 15 j 11:55	0°♁		min. Earth dist.	-2212 Aug 25 j 13:06	12°♂37'41 0.27420 AU
				morning rise	-2212 Aug 27 j 23:18	11°♂10'22
superior conj	-2214 Apr 07 j 07:58	28°♁03'14	0°-55'-14	direct	-2212 Sep 14 j 20:34	5°♂06'57
minimum elong	-2214 Apr 07 j 16:46	28°♁30'16	0°54'55	greatest brilliancy	-2212 Sep 28 j 17:22	8°♂37'43 -4.7m
max. Earth dist.	-2214 Apr 07 j 16:52	28°♁30'32	1.73625 AU	asc. node	-2212 Oct 17 j 16:41	21°♂36'49
	-2214 Apr 08 j 22:01	0°♂			-2212 Oct 26 j 23:09	0°♄
asc. node	-2214 May 02 j 21:59	29°♂27'26		morning max el	-2212 Nov 04 j 16:40	8°♄38'44 46°53'54
	-2214 May 03 j 08:36	0°♄			-2212 Nov 24 j 11:40	0°♄
evening rise	-2214 May 13 j 15:37	12°♄37'45			-2212 Dec 20 j 11:04	0°♄
	-2214 May 27 j 19:15	0°♂			-2211 Jan 14 j 15:31	0°♄
	-2214 Jun 21 j 06:00	0°♄		desc. node	-2211 Feb 06 j 09:24	27°♄23'26
	-2214 Jul 15 j 17:43	0°♂			-2211 Feb 08 j 13:15	0°♄
	-2214 Aug 09 j 08:13	0°♄			-2211 Mar 05 j 08:13	0°♁
desc. node	-2214 Aug 22 j 13:47	16°♄02'00			-2211 Mar 30 j 01:23	0°♁
	-2214 Sep 03 j 04:11	0°♄			-2211 Apr 23 j 16:38	0°♂
	-2214 Sep 28 j 10:16	0°♄		morning set	-2211 May 08 j 07:41	17°♂52'05
	-2214 Oct 24 j 14:06	0°♄			-2211 May 18 j 05:23	0°♄
evening max el	-2214 Nov 12 j 02:59	19°♄53'16	47°21'38	asc. node	-2211 May 30 j 09:55	14°♄57'59
	-2214 Nov 22 j 09:00	0°♄		max. Earth dist.	-2211 Jun 09 j 23:43	27°♄59'13 1.73283 AU
asc. node	-2214 Dec 13 j 14:11	17°♄06'11			-2211 Jun 11 j 14:53	0°♂
greatest brilliancy	-2214 Dec 19 j 10:25	20°♄21'35	-4.6m			
retrograde	-2213 Jan 02 j 04:39	23°♄53'40		superior conj	-2211 Jun 13 j 08:21	2°♂07'55 0°32'05
evening set	-2213 Jan 19 j 01:44	18°♄15'35		minimum elong	-2211 Jun 13 j 02:24	1°♂49'33 0°31'52
min. Earth dist.	-2213 Jan 22 j 07:29	16°♄14'36	0.28027 AU		-2211 Jul 05 j 20:57	0°♄
inferior conj	-2213 Jan 23 j 06:04	15°♄38'40	7°52'33	evening rise	-2211 Jul 19 j 04:17	16°♄31'23
minimum elong	-2213 Jan 22 j 23:13	15°♄49'34	7°51'44		-2211 Jul 30 j 00:22	0°♂
morning rise	-2213 Jan 26 j 21:05	13°♄22'36			-2211 Aug 23 j 02:48	0°♄
direct	-2213 Feb 13 j 03:04	7°♄36'37			-2211 Sep 16 j 06:06	0°♄
greatest brilliancy	-2213 Feb 23 j 20:49	9°♄42'51	-4.5m	desc. node	-2211 Sep 19 j 01:59	3°♄30'34
	-2213 Mar 25 j 14:57	0°♁			-2211 Oct 10 j 11:55	0°♄
morning max el	-2213 Apr 03 j 00:59	7°♁47'26	45°55'22		-2211 Nov 03 j 22:19	0°♄
desc. node	-2213 Apr 04 j 06:51	8°♁59'15			-2211 Nov 28 j 17:56	0°♄
	-2213 Apr 24 j 21:10	0°♁			-2211 Dec 24 j 09:59	0°♁
	-2213 May 22 j 01:54	0°♂		asc. node	-2210 Jan 10 j 01:54	18°♁25'20
	-2213 Jun 17 j 00:28	0°♄			-2210 Jan 21 j 05:43	0°♁
	-2213 Jul 12 j 04:22	0°♂		evening max el	-2210 Jan 22 j 04:52	0°♁57'44 46°06'28
asc. node	-2213 Jul 26 j 07:30	17°♂10'03		greatest brilliancy	-2210 Feb 25 j 18:30	28°♁25'14 -4.5m
	-2213 Aug 05 j 18:22	0°♄			-2210 Mar 01 j 07:59	0°♂
greatest brilliancy	-2213 Aug 23 j 17:13	22°♄15'22	-3.9m	retrograde	-2210 Mar 12 j 16:49	2°♂21'20
	-2213 Aug 29 j 22:05	0°♂			-2210 Mar 23 j 12:00	30°♁
	-2213 Sep 22 j 19:26	0°♄		evening set	-2210 Mar 29 j 07:35	26°♁59'48
morning set	-2213 Sep 27 j 16:39	6°♄09'18		inferior conj	-2210 Apr 03 j 02:34	24°♁02'03 5°56'20
	-2213 Oct 16 j 14:13	0°♄		minimum elong	-2210 Apr 03 j 11:45	23°♁47'31 5°54'29
				min. Earth dist.	-2210 Apr 03 j 10:25	23°♁49'37 0.29187 AU
superior conj	-2213 Nov 07 j 11:17	27°♄35'03	0°17'38	morning rise	-2210 Apr 08 j 16:01	20°♁37'40
minimum elong	-2213 Nov 07 j 16:00	27°♄49'52	0°17'23	direct	-2210 Apr 24 j 18:42	15°♁38'36
	-2213 Nov 09 j 09:20	0°♄		desc. node	-2210 May 01 j 18:28	16°♁33'05
max. Earth dist.	-2213 Nov 10 j 04:45	1°♄01'06	1.70999 AU	greatest brilliancy	-2210 May 07 j 23:37	18°♁42'33 -4.5m
desc. node	-2213 Nov 14 j 23:56	7°♄03'25			-2210 May 25 j 23:56	0°♂
	-2213 Dec 03 j 06:21	0°♄		morning max el	-2210 Jun 12 j 16:53	15°♂31'53 45°50'13
evening rise	-2213 Dec 19 j 17:16	20°♄35'52			-2210 Jun 27 j 03:41	0°♄
	-2213 Dec 27 j 06:02	0°♄			-2210 Jul 24 j 13:18	0°♂

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2210 Aug 19 j 05:13	0°☿					-2207 Feb 24 j 18:46	0°♄	
asc. node	-2210 Aug 22 j 19:26	4°☿18'18					-2207 Mar 24 j 13:50	0°♄	
	-2210 Sep 12 j 22:13	0°♄		evening max el			-2207 Apr 02 j 23:12	9°♄16'21	45°12'45
	-2210 Oct 07 j 02:10	0°♄					-2207 Apr 28 j 00:18	0°♄	
	-2210 Oct 31 j 00:05	0°♄		greatest brilliancy			-2207 May 07 j 16:05	5°♄22'33	-4.5m
	-2210 Nov 23 j 20:48	0°♄		retrograde			-2207 May 21 j 05:42	8°♄34'54	
desc. node	-2210 Dec 12 j 11:48	23°♄22'04		desc. node			-2207 May 29 j 06:18	7°♄19'41	
morning set	-2210 Dec 13 j 11:50	24°♄37'22		evening set			-2207 Jun 05 j 06:16	4°♄18'42	
	-2210 Dec 17 j 18:56	0°♄		inferior conj			-2207 Jun 11 j 15:48	0°♄32'30	-3°-4'-13
	-2209 Jan 10 j 19:28	0°♄		minimum elong			-2207 Jun 11 j 09:19	0°♄42'30	3°02'25
				min. Earth dist.			-2207 Jun 12 j 00:21	0°♄19'15	0.28672 AU
superior conj	-2209 Jan 23 j 23:53	16°♄24'16	-1°-18'-9				-2207 Jun 12 j 12:48	30°♄	
minimum elong	-2209 Jan 23 j 16:06	16°♄00'04	1°18'06	morning rise			-2207 Jun 17 j 11:45	27°♄02'48	
max. Earth dist.	-2209 Jan 27 j 22:57	21°♄19'34	1.72340 AU	direct			-2207 Jul 03 j 07:02	22°♄18'11	
	-2209 Feb 03 j 22:43	0°♄		greatest brilliancy			-2207 Jul 17 j 19:36	25°♄57'50	-4.5m
	-2209 Feb 28 j 05:01	0°♄					-2207 Jul 25 j 00:50	0°♄	
evening rise	-2209 Mar 04 j 03:05	4°♄49'50		morning max el			-2207 Aug 21 j 23:00	23°♄26'56	46°23'13
	-2209 Mar 24 j 14:54	0°♄					-2207 Aug 28 j 10:34	0°♄	
asc. node	-2209 Apr 04 j 12:04	13°♄18'32		asc. node			-2207 Sep 19 j 07:13	23°♄47'31	
	-2209 Apr 18 j 04:55	0°♄					-2207 Sep 24 j 17:23	0°♄	
	-2209 May 12 j 23:48	0°♄					-2207 Oct 20 j 01:31	0°♄	
	-2209 Jun 07 j 01:05	0°♄					-2207 Nov 13 j 14:23	0°♄	
	-2209 Jul 02 j 12:24	0°♄					-2207 Dec 07 j 20:08	0°♄	
desc. node	-2209 Jul 25 j 03:50	25°♄58'13					-2206 Jan 01 j 00:47	0°♄	
	-2209 Jul 28 j 17:59	0°♄		desc. node			-2206 Jan 08 j 23:42	9°♄51'05	
	-2209 Aug 25 j 16:31	0°♄					-2206 Jan 25 j 06:38	0°♄	
evening max el	-2209 Aug 29 j 16:03	3°♄59'39	47°07'47				-2206 Feb 18 j 14:08	0°♄	
	-2209 Sep 29 j 17:50	0°♄		morning set			-2206 Feb 26 j 14:38	9°♄52'57	
greatest brilliancy	-2209 Oct 07 j 20:18	4°♄06'35	-4.7m				-2206 Mar 14 j 23:03	0°♄	
retrograde	-2209 Oct 19 j 01:50	6°♄27'21							
evening set	-2209 Nov 02 j 16:12	2°♄12'34		superior conj			-2206 Apr 05 j 01:33	25°♄56'03	0°-57'-35
	-2209 Nov 06 j 11:54	30°♄		minimum elong			-2206 Apr 05 j 10:28	26°♄23'28	0°57'18
inferior conj	-2209 Nov 08 j 13:47	28°♄43'58	-1°-42'-12	max. Earth dist.			-2206 Apr 05 j 12:08	26°♄28'32	1.73604 AU
minimum elong	-2209 Nov 08 j 17:37	28°♄38'08	1°41'01				-2206 Apr 08 j 09:01	0°♄	
min. Earth dist.	-2209 Nov 08 j 08:39	28°♄51'50	0.26340 AU	asc. node			-2206 May 02 j 00:00	28°♄59'49	
morning rise	-2209 Nov 14 j 19:21	25°♄06'17					-2206 May 02 j 19:37	0°♄	
asc. node	-2209 Nov 15 j 04:23	24°♄54'30		evening rise			-2206 May 11 j 10:43	10°♄35'09	
direct	-2209 Nov 28 j 20:28	21°♄09'45					-2206 May 27 j 06:26	0°♄	
greatest brilliancy	-2209 Dec 10 j 10:19	23°♄41'31	-4.7m				-2206 Jun 20 j 17:27	0°♄	
	-2209 Dec 21 j 16:35	0°♄					-2206 Jul 15 j 05:36	0°♄	
morning max el	-2208 Jan 17 j 23:55	23°♄42'14	46°34'32				-2206 Aug 08 j 20:41	0°♄	
	-2208 Jan 24 j 04:58	0°♄		desc. node			-2206 Aug 21 j 16:00	15°♄29'43	
	-2208 Feb 20 j 21:54	0°♄					-2206 Sep 02 j 17:32	0°♄	
desc. node	-2208 Mar 05 j 21:23	15°♄50'42					-2206 Sep 28 j 01:08	0°♄	
	-2208 Mar 18 j 04:03	0°♄					-2206 Oct 24 j 08:01	0°♄	
	-2208 Apr 12 j 18:38	0°♄		evening max el			-2206 Nov 09 j 17:20	17°♄30'10	47°23'06
	-2208 May 07 j 23:33	0°♄					-2206 Nov 22 j 12:48	0°♄	
	-2208 Jun 01 j 20:36	0°♄		asc. node			-2206 Dec 12 j 16:12	15°♄38'47	
	-2208 Jun 26 j 10:09	0°♄		greatest brilliancy			-2206 Dec 17 j 02:42	18°♄02'29	-4.7m
asc. node	-2208 Jun 26 j 21:46	0°♄35'42		retrograde			-2206 Dec 30 j 20:10	21°♄34'19	
morning set	-2208 Jul 14 j 17:08	22°♄34'38		evening set			-2205 Jan 16 j 13:52	16°♄00'59	
	-2208 Jul 20 j 16:40	0°♄		min. Earth dist.			-2205 Jan 19 j 22:03	13°♄56'44	0.27959 AU
	-2208 Aug 13 j 17:35	0°♄		inferior conj			-2205 Jan 20 j 21:13	13°♄19'58	7°44'31
max. Earth dist.	-2208 Aug 17 j 08:01	4°♄30'47	1.71673 AU	minimum elong			-2205 Jan 20 j 13:49	13°♄31'42	7°43'32
				morning rise			-2205 Jan 24 j 14:10	11°♄01'16	
superior conj	-2208 Aug 20 j 21:19	8°♄58'11	1°24'16	direct			-2205 Feb 10 j 16:55	5°♄18'45	
minimum elong	-2208 Aug 20 j 20:56	8°♄56'58	1°24'18	greatest brilliancy			-2205 Feb 21 j 11:16	7°♄25'38	-4.5m
	-2208 Sep 06 j 15:13	0°♄					-2205 Mar 25 j 17:46	0°♄	
evening rise	-2208 Sep 29 j 02:44	28°♄15'30		morning max el			-2205 Mar 31 j 16:13	5°♄33'22	45°56'22
	-2208 Sep 30 j 12:00	0°♄		desc. node			-2205 Apr 03 j 08:56	8°♄09'50	
desc. node	-2208 Oct 16 j 14:03	20°♄11'53					-2205 Apr 24 j 14:17	0°♄	
	-2208 Oct 24 j 09:44	0°♄					-2205 May 21 j 15:58	0°♄	
	-2208 Nov 17 j 09:41	0°♄					-2205 Jun 16 j 13:07	0°♄	
	-2208 Dec 11 j 13:20	0°♄					-2205 Jul 11 j 16:17	0°♄	
	-2207 Jan 04 j 23:34	0°♄		asc. node			-2205 Jul 25 j 09:41	16°♄41'05	
	-2207 Jan 29 j 21:57	0°♄					-2205 Aug 05 j 05:54	0°♄	
asc. node	-2207 Feb 06 j 13:59	9°♄02'29		greatest brilliancy			-2205 Aug 26 j 03:08	25°♄55'19	-3.9m

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2205 Aug 29 j 09:27	0°♌			-2202 Mar 13 j 16:43	30°♊	
	-2205 Sep 22 j 06:43	0°♍		evening set	-2202 Mar 27 j 03:02	24°♋47'51	
morning set	-2205 Sep 25 j 05:18	3°♍42'19		inferior conj	-2202 Mar 31 j 19:26	21°♋53'27	6°09'32
	-2205 Oct 16 j 01:29	0°♎		minimum elong	-2202 Apr 01 j 04:35	21°♋38'57	6°07'47
				min. Earth dist.	-2202 Apr 01 j 02:25	21°♋42'22	0.29182 AU
superior conj	-2205 Nov 04 j 20:48	24°♎58'17	0°21'31	morning rise	-2202 Apr 06 j 06:18	18°♋32'31	
minimum elong	-2205 Nov 05 j 02:28	25°♎16'09	0°21'13	direct	-2202 Apr 22 j 11:46	13°♋30'22	
max. Earth dist.	-2205 Nov 07 j 11:50	28°♎16'50	1.70981 AU	desc. node	-2202 Apr 30 j 20:31	14°♋47'33	
	-2205 Nov 08 j 20:37	0°♏		greatest brilliancy	-2202 May 05 j 12:49	16°♋30'25	-4.5m
desc. node	-2205 Nov 14 j 01:57	6°♏34'23			-2202 May 26 j 08:52	0°♐	
	-2205 Dec 02 j 17:38	0°♑		morning max el	-2202 Jun 10 j 08:59	13°♐22'16	45°49'31
evening rise	-2205 Dec 17 j 03:35	18°♑02'54			-2202 Jun 26 j 21:39	0°♑	
	-2205 Dec 26 j 17:20	0°♒			-2202 Jul 24 j 03:38	0°♒	
	-2204 Jan 19 j 20:40	0°♓			-2202 Aug 18 j 18:02	0°♓	
	-2204 Feb 13 j 05:25	0°♈		asc. node	-2202 Aug 21 j 21:36	3°♓46'37	
asc. node	-2204 Mar 06 j 02:04	26°♈34'23			-2202 Sep 12 j 10:17	0°♈	
	-2204 Mar 08 j 22:19	0°♐			-2202 Oct 06 j 13:51	0°♐	
	-2204 Apr 03 j 03:05	0°♑			-2202 Oct 30 j 11:34	0°♎	
	-2204 Apr 29 j 01:59	0°♒			-2202 Nov 23 j 08:09	0°♏	
	-2204 May 26 j 09:55	0°♓		morning set	-2202 Dec 10 j 21:30	22°♏02'06	
evening max el	-2204 Jun 13 j 11:21	18°♓14'36	45°43'12	desc. node	-2202 Dec 11 j 13:52	22°♏53'20	
desc. node	-2204 Jun 25 j 18:08	29°♓23'03			-2202 Dec 17 j 06:09	0°♑	
	-2204 Jun 26 j 11:36	0°♌			-2201 Jan 10 j 06:34	0°♒	
greatest brilliancy	-2204 Jul 21 j 17:15	16°♌14'30	-4.5m				
retrograde	-2204 Aug 01 j 14:16	18°♌21'36		superior conj	-2201 Jan 21 j 12:06	13°♒58'42	-1°-16'-42
evening set	-2204 Aug 19 j 13:02	12°♌22'49		minimum elong	-2201 Jan 21 j 03:38	13°♒32'21	1°16'35
inferior conj	-2204 Aug 22 j 12:15	10°♌35'59	-8°-53'-25	max. Earth dist.	-2201 Jan 25 j 15:18	19°♒06'57	1.72279 AU
minimum elong	-2204 Aug 22 j 12:24	10°♌35'45	8°53'24		-2201 Feb 03 j 09:43	0°♓	
min. Earth dist.	-2204 Aug 23 j 01:29	10°♌15'55	0.27475 AU		-2201 Feb 27 j 15:59	0°♈	
morning rise	-2204 Aug 25 j 11:38	8°♌48'39		evening rise	-2201 Mar 01 j 18:21	2°♈35'14	
direct	-2204 Sep 12 j 11:16	2°♌43'14			-2201 Mar 24 j 01:55	0°♐	
greatest brilliancy	-2204 Sep 26 j 08:03	6°♌14'30	-4.6m	asc. node	-2201 Apr 03 j 14:05	12°♐50'50	
asc. node	-2204 Oct 16 j 18:44	20°♌29'16			-2201 Apr 17 j 16:10	0°♑	
	-2204 Oct 27 j 01:20	0°♍			-2201 May 12 j 11:30	0°♒	
morning max el	-2204 Nov 02 j 07:27	6°♍15'37	46°53'39		-2201 Jun 06 j 13:35	0°♓	
	-2204 Nov 24 j 05:10	0°♎			-2201 Jul 02 j 02:16	0°♌	
	-2204 Dec 20 j 01:42	0°♏		desc. node	-2201 Jul 24 j 06:02	25°♌19'39	
	-2203 Jan 14 j 04:42	0°♑			-2201 Jul 28 j 10:23	0°♍	
desc. node	-2203 Feb 05 j 11:39	26°♑52'51			-2201 Aug 25 j 15:14	0°♎	
	-2203 Feb 08 j 01:34	0°♒		evening max el	-2201 Aug 27 j 05:01	1°♎33'58	47°05'22
	-2203 Mar 04 j 19:57	0°♓			-2201 Oct 01 j 18:21	0°♏	
	-2203 Mar 29 j 12:43	0°♈		greatest brilliancy	-2201 Oct 05 j 11:34	1°♏39'39	-4.7m
	-2203 Apr 23 j 03:45	0°♐		retrograde	-2201 Oct 16 j 13:21	3°♏56'44	
morning set	-2203 May 06 j 02:28	15°♐49'02			-2201 Oct 30 j 15:25	30°♊	
	-2203 May 17 j 16:21	0°♑		evening set	-2201 Oct 31 j 06:10	29°♋40'15	
asc. node	-2203 May 29 j 11:59	14°♑30'47		inferior conj	-2201 Nov 06 j 01:57	26°♋14'23	-2°-6'-15
max. Earth dist.	-2203 Jun 07 j 20:29	26°♑01'39	1.73320 AU	minimum elong	-2201 Nov 06 j 06:38	26°♋07'13	2°04'48
				min. Earth dist.	-2201 Nov 05 j 22:38	26°♋19'27	0.26333 AU
superior conj	-2203 Jun 11 j 02:58	0°♒03'31	0°29'12	morning rise	-2201 Nov 12 j 07:17	22°♋36'43	
minimum elong	-2203 Jun 10 j 21:29	29°♒46'37	0°29'00	asc. node	-2201 Nov 14 j 06:28	21°♋37'38	
	-2203 Jun 11 j 01:49	0°♒		direct	-2201 Nov 26 j 08:16	18°♋40'16	
	-2203 Jul 05 j 07:56	0°♓		greatest brilliancy	-2201 Dec 08 j 01:00	21°♋14'29	-4.7m
evening rise	-2203 Jul 16 j 21:55	14°♓22'38			-2201 Dec 22 j 16:03	0°♏	
	-2203 Jul 29 j 11:31	0°♌		morning max el	-2200 Jan 15 j 12:04	21°♏14'43	46°35'51
	-2203 Aug 22 j 14:14	0°♍			-2200 Jan 24 j 01:43	0°♑	
	-2203 Sep 15 j 17:53	0°♎			-2200 Feb 20 j 13:31	0°♒	
desc. node	-2203 Sep 18 j 04:01	3°♎00'13		desc. node	-2200 Mar 04 j 23:21	15°♒15'21	
	-2203 Oct 10 j 00:07	0°♏			-2200 Mar 17 j 17:29	0°♓	
	-2203 Nov 03 j 11:06	0°♑			-2200 Apr 12 j 06:53	0°♈	
	-2203 Nov 28 j 07:40	0°♒			-2200 May 07 j 11:06	0°♐	
	-2203 Dec 24 j 01:43	0°♓			-2200 Jun 01 j 07:44	0°♑	
asc. node	-2202 Jan 09 j 04:10	17°♓42'22		asc. node	-2200 Jun 25 j 23:58	0°♒08'52	
evening max el	-2202 Jan 19 j 21:04	28°♓45'02	46°09'16		-2200 Jun 25 j 21:04	0°♒	
	-2202 Jan 21 j 03:20	0°♈		morning set	-2200 Jul 12 j 10:09	20°♒24'56	
greatest brilliancy	-2202 Feb 23 j 12:40	26°♈18'25	-4.5m		-2200 Jul 20 j 03:32	0°♓	
	-2202 Mar 07 j 01:28	0°♐			-2200 Aug 13 j 04:31	0°♌	
retrograde	-2202 Mar 10 j 09:47	0°♐13'01		max. Earth dist.	-2200 Aug 14 j 20:58	2°♌06'43	1.71732 AU

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2200 Aug 18 j 12:33	6°♌41'09	1°24'06	direct	-2197 Feb 08 j 07:08	3°♎01'08	
minimum elong	-2200 Aug 18 j 11:21	6°♌37'26	1°24'09	greatest brilliancy	-2197 Feb 19 j 00:45	5°♎07'58	-4.5m
	-2200 Sep 06 j 02:14	0°♍			-2197 Mar 25 j 18:44	0°♍	
evening rise	-2200 Sep 26 j 13:46	25°♍44'31		morning max el	-2197 Mar 29 j 07:52	3°♍21'20	45°57'21
	-2200 Sep 29 j 23:07	0°♎		desc. node	-2197 Apr 02 j 11:00	7°♍22'16	
desc. node	-2200 Oct 15 j 16:04	19°♎42'58			-2197 Apr 24 j 06:39	0°♏	
	-2200 Oct 23 j 21:00	0°♏			-2197 May 21 j 05:31	0°♏	
	-2200 Nov 16 j 21:08	0°♐			-2197 Jun 16 j 01:21	0°♐	
	-2200 Dec 11 j 01:03	0°♑			-2197 Jul 11 j 03:49	0°♑	
	-2199 Jan 04 j 11:43	0°♒		asc. node	-2197 Jul 24 j 11:50	16°♑13'08	
	-2199 Jan 29 j 10:53	0°♒			-2197 Aug 04 j 17:04	0°♒	
asc. node	-2199 Feb 05 j 16:05	8°♒29'37		greatest brilliancy	-2197 Aug 27 j 23:33	28°♒54'40	-3.9m
	-2199 Feb 24 j 09:26	0°♓			-2197 Aug 28 j 20:27	0°♒	
	-2199 Mar 24 j 09:15	0°♓			-2197 Sep 21 j 17:41	0°♓	
evening max el	-2199 Mar 31 j 13:53	7°♓03'30	45°13'23	morning set	-2197 Sep 22 j 18:01	1°♓16'40	
	-2199 Apr 29 j 03:09	0°♑			-2197 Oct 15 j 12:29	0°♑	
greatest brilliancy	-2199 May 05 j 04:39	3°♑09'26	-4.5m				
retrograde	-2199 May 18 j 21:26	6°♑25'49		superior conj	-2197 Nov 02 j 06:01	22°♑21'24	0°25'22
desc. node	-2199 May 28 j 08:23	4°♑41'05		minimum elong	-2197 Nov 02 j 12:36	22°♑42'08	0°25'03
evening set	-2199 Jun 02 j 21:18	2°♑09'47		max. Earth dist.	-2197 Nov 04 j 19:06	25°♑33'50	1.70967 AU
	-2199 Jun 06 j 16:03	30°♒♏			-2197 Nov 08 j 07:39	0°♒	
inferior conj	-2199 Jun 09 j 07:41	28°♒22'36	-2°-45'-13	desc. node	-2197 Nov 13 j 04:07	6°♒06'30	
minimum elong	-2199 Jun 09 j 01:48	28°♒31'41	2°43'33		-2197 Dec 02 j 04:41	0°♒	
min. Earth dist.	-2199 Jun 09 j 16:33	28°♒08'53	0.28705 AU	evening rise	-2197 Dec 14 j 13:16	15°♒28'35	
morning rise	-2199 Jun 15 j 05:40	24°♒50'10			-2197 Dec 26 j 04:23	0°♓	
direct	-2199 Jun 30 j 22:53	20°♒07'27			-2196 Jan 19 j 07:46	0°♓	
greatest brilliancy	-2199 Jul 15 j 13:05	23°♒48'46	-4.5m		-2196 Feb 12 j 16:42	0°♓	
	-2199 Jul 25 j 23:35	0°♑		asc. node	-2196 Mar 05 j 04:06	26°♓05'22	
morning max el	-2199 Aug 19 j 14:20	21°♑11'57	46°21'48		-2196 Mar 08 j 10:01	0°♑	
	-2199 Aug 28 j 06:13	0°♒			-2196 Apr 02 j 15:38	0°♒	
asc. node	-2199 Sep 18 j 09:14	23°♒08'31			-2196 Apr 28 j 16:11	0°♑	
	-2199 Sep 24 j 08:30	0°♒			-2196 May 26 j 03:56	0°♒	
	-2199 Oct 19 j 14:52	0°♓		evening max el	-2196 Jun 11 j 02:16	15°♒59'57	45°40'53
	-2199 Nov 13 j 02:49	0°♑		desc. node	-2196 Jun 24 j 20:21	28°♒21'41	
	-2199 Dec 07 j 08:01	0°♒			-2196 Jun 26 j 20:17	0°♒	
	-2199 Dec 31 j 12:16	0°♒		greatest brilliancy	-2196 Jul 19 j 04:10	13°♒52'24	-4.5m
desc. node	-2198 Jan 08 j 01:54	9°♒22'38		retrograde	-2196 Jul 30 j 03:22	16°♒00'52	
	-2198 Jan 24 j 17:51	0°♓		evening set	-2196 Aug 17 j 01:01	10°♒03'57	
	-2198 Feb 18 j 01:07	0°♓		inferior conj	-2196 Aug 20 j 01:38	8°♒14'47	-8°-52'-32
morning set	-2198 Feb 24 j 05:24	7°♓36'58		minimum elong	-2196 Aug 20 j 00:51	8°♒15'58	8°52'31
	-2198 Mar 14 j 09:51	0°♓		min. Earth dist.	-2196 Aug 20 j 14:06	7°♒55'50	0.27527 AU
				morning rise	-2196 Aug 23 j 00:33	6°♒27'57	
superior conj	-2198 Apr 02 j 19:07	23°♓49'43	0°-59'-53	direct	-2196 Sep 10 j 01:55	0°♒21'30	
minimum elong	-2198 Apr 03 j 04:08	24°♓17'24	0°59'36	greatest brilliancy	-2196 Sep 23 j 22:03	3°♒51'56	-4.6m
max. Earth dist.	-2198 Apr 03 j 07:36	24°♓28'03	1.73583 AU	asc. node	-2196 Oct 15 j 20:54	19°♒24'54	
	-2198 Apr 07 j 19:44	0°♑			-2196 Oct 27 j 01:45	0°♓	
asc. node	-2198 May 01 j 02:08	28°♑33'31		morning max el	-2196 Oct 30 j 21:13	3°♓50'58	46°53'08
	-2198 May 02 j 06:20	0°♒			-2196 Nov 23 j 22:03	0°♑	
evening rise	-2198 May 09 j 05:53	8°♒33'51			-2196 Dec 19 j 15:57	0°♒	
	-2198 May 26 j 17:16	0°♑			-2195 Jan 13 j 17:37	0°♒	
	-2198 Jun 20 j 04:35	0°♒		desc. node	-2195 Feb 04 j 13:39	26°♒22'12	
	-2198 Jul 14 j 17:09	0°♒			-2195 Feb 07 j 13:37	0°♓	
	-2198 Aug 08 j 08:54	0°♓			-2195 Mar 04 j 07:25	0°♓	
desc. node	-2198 Aug 20 j 18:00	14°♓57'28			-2195 Mar 28 j 23:47	0°♓	
	-2198 Sep 02 j 06:45	0°♑			-2195 Apr 22 j 14:33	0°♑	
	-2198 Sep 27 j 15:58	0°♒		morning set	-2195 May 03 j 21:09	13°♑46'40	
	-2198 Oct 24 j 02:10	0°♒			-2195 May 17 j 03:02	0°♒	
evening max el	-2198 Nov 07 j 08:30	15°♒09'40	47°24'37	asc. node	-2195 May 28 j 14:10	14°♒04'45	
	-2198 Nov 22 j 18:14	0°♓		max. Earth dist.	-2195 Jun 05 j 16:07	24°♒01'27	1.73357 AU
asc. node	-2198 Dec 11 j 18:25	14°♓09'11					
greatest brilliancy	-2198 Dec 14 j 18:30	15°♓43'05	-4.7m	superior conj	-2195 Jun 08 j 21:41	28°♒00'24	0°26'17
retrograde	-2198 Dec 28 j 11:56	19°♓15'01		minimum elong	-2195 Jun 08 j 16:42	27°♒45'02	0°26'05
evening set	-2197 Jan 14 j 01:44	13°♓46'29			-2195 Jun 10 j 12:29	0°♑	
min. Earth dist.	-2197 Jan 17 j 12:04	11°♓39'23	0.27887 AU		-2195 Jul 04 j 18:41	0°♒	
inferior conj	-2197 Jan 18 j 12:09	11°♓01'18	7°35'44	evening rise	-2195 Jul 14 j 15:51	12°♒15'36	
minimum elong	-2197 Jan 18 j 04:15	11°♓13'48	7°34'36		-2195 Jul 28 j 22:27	0°♒	
morning rise	-2197 Jan 22 j 07:12	8°♓39'50			-2195 Aug 22 j 01:25	0°♓	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2195 Sep 15 j 05:24	0°♊			-2192 Mar 17 j 06:48	0°♋		
desc. node	-2195 Sep 17 j 06:05	2°♊30'50			-2192 Apr 11 j 19:06	0°♌		
	-2195 Oct 09 j 12:04	0°♍			-2192 May 06 j 22:39	0°♎		
	-2195 Nov 02 j 23:41	0°♏			-2192 May 31 j 18:53	0°♐		
	-2195 Nov 27 j 21:17	0°♑		asc. node	-2192 Jun 25 j 02:01	29°♑41'38		
	-2195 Dec 23 j 17:33	0°♒			-2192 Jun 25 j 08:00	0°♓		
asc. node	-2194 Jan 08 j 06:14	16°♒58'42		morning set	-2192 Jul 10 j 03:15	18°♓15'32		
evening max el	-2194 Jan 17 j 12:26	26°♒30'17	46°12'03		-2192 Jul 19 j 14:25	0°♈		
	-2194 Jan 21 j 01:41	0°♉		max. Earth dist.	-2192 Aug 12 j 12:29	29°♈50'47	1.71792 AU	
greatest brilliancy	-2194 Feb 21 j 07:13	24°♉12'03	-4.5m		-2192 Aug 12 j 15:26	0°♊		
retrograde	-2194 Mar 08 j 02:23	28°♉04'50						
evening set	-2194 Mar 24 j 22:28	22°♉36'05		superior conj	-2192 Aug 16 j 03:53	4°♊24'31	1°23'49	
inferior conj	-2194 Mar 29 j 12:18	19°♉45'09	6°22'19	minimum elong	-2192 Aug 16 j 01:56	4°♊18'25	1°23'51	
minimum elong	-2194 Mar 29 j 21:21	19°♉30'46	6°20'39		-2192 Sep 05 j 13:17	0°♋		
min. Earth dist.	-2194 Mar 29 j 18:40	19°♉35'02	0.29172 AU	evening rise	-2192 Sep 24 j 01:08	23°♋14'25		
morning rise	-2194 Apr 03 j 20:25	16°♉27'45			-2192 Sep 29 j 10:19	0°♌		
direct	-2194 Apr 20 j 04:16	11°♉22'27		desc. node	-2192 Oct 14 j 18:14	19°♌14'20		
desc. node	-2194 Apr 29 j 22:40	13°♉06'08			-2192 Oct 23 j 08:21	0°♍		
greatest brilliancy	-2194 May 03 j 02:17	14°♉18'55	-4.5m		-2192 Nov 16 j 08:40	0°♎		
	-2194 May 26 j 15:05	0°♏			-2192 Dec 10 j 12:49	0°♑		
morning max el	-2194 Jun 08 j 00:07	11°♏10'51	45°48'55		-2191 Jan 03 j 23:53	0°♒		
	-2194 Jun 26 j 14:58	0°♐			-2191 Jan 28 j 23:54	0°♓		
	-2194 Jul 23 j 17:37	0°♑		asc. node	-2191 Feb 04 j 18:05	7°♓56'18		
	-2194 Aug 18 j 06:35	0°♒			-2191 Feb 24 j 00:20	0°♈		
asc. node	-2194 Aug 20 j 23:32	3°♒15'01			-2191 Mar 24 j 05:22	0°♉		
	-2194 Sep 11 j 22:09	0°♓		evening max el	-2191 Mar 29 j 05:20	4°♉52'19	45°14'04	
	-2194 Oct 06 j 01:21	0°♈			-2191 Apr 30 j 17:59	0°♊		
	-2194 Oct 29 j 22:52	0°♉		greatest brilliancy	-2191 May 02 j 17:25	0°♊56'25	-4.5m	
	-2194 Nov 22 j 19:17	0°♍		retrograde	-2191 May 16 j 13:47	4°♊16'33		
morning set	-2194 Dec 08 j 07:25	19°♍28'04		desc. node	-2191 May 27 j 10:34	1°♊58'01		
desc. node	-2194 Dec 10 j 16:02	22°♍25'31		evening set	-2191 May 31 j 12:40	0°♋00'33		
	-2194 Dec 16 j 17:11	0°♌			-2191 May 31 j 13:05	30°♋		
	-2193 Jan 09 j 17:31	0°♍		inferior conj	-2191 Jun 06 j 23:38	26°♋12'27	-2°-26'-2	
				minimum elong	-2191 Jun 06 j 18:23	26°♋20'33	2°24'31	
superior conj	-2193 Jan 19 j 00:14	11°♍33'13	-1°-15'-4	min. Earth dist.	-2191 Jun 07 j 08:33	25°♋58'41	0.28736 AU	
minimum elong	-2193 Jan 18 j 15:07	11°♍04'53	1°14'56	morning rise	-2191 Jun 12 j 23:33	22°♋37'35		
max. Earth dist.	-2193 Jan 23 j 06:09	16°♍50'03	1.72222 AU	direct	-2191 Jun 28 j 15:15	17°♋56'39		
	-2193 Feb 02 j 20:37	0°♎		greatest brilliancy	-2191 Jul 13 j 06:19	21°♋39'19	-4.5m	
evening rise	-2193 Feb 27 j 09:16	0°♏19'40			-2191 Jul 26 j 16:33	0°♌		
	-2193 Feb 27 j 02:53	0°♉		morning max el	-2191 Aug 17 j 06:29	18°♌58'57	46°20'20	
	-2193 Mar 23 j 12:53	0°♊			-2191 Aug 28 j 01:24	0°♍		
asc. node	-2193 Apr 02 j 16:12	12°♊23'37		asc. node	-2191 Sep 17 j 11:27	22°♍30'15		
	-2193 Apr 17 j 03:20	0°♋			-2191 Sep 23 j 23:31	0°♎		
	-2193 May 11 j 23:08							

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2190 Oct 23 j 21:03	0°♊				-2187 Apr 22 j 01:42	0°♎		
evening max el	-2190 Nov 05 j 00:28	12°♊50'23	47°25'52		morning set	-2187 May 01 j 15:58	11°♎43'37		
	-2190 Nov 23 j 02:19	0°♋				-2187 May 16 j 14:02	0°♏		
asc. node	-2190 Dec 10 j 20:31	12°♋35'10			asc. node	-2187 May 27 j 16:12	13°♏37'21		
greatest brilliancy	-2190 Dec 12 j 10:51	13°♋23'11	-4.7m		max. Earth dist.	-2187 Jun 03 j 11:58	22°♏01'04	1.73392 AU	
retrograde	-2190 Dec 26 j 03:48	16°♋54'08							
evening set	-2189 Jan 11 j 13:25	11°♋30'41			superior conj	-2187 Jun 06 j 16:38	25°♏57'09	0°23'21	
min. Earth dist.	-2189 Jan 15 j 01:49	9°♋20'42	0.27810 AU		minimum elong	-2187 Jun 06 j 12:09	25°♏43'22	0°23'11	
inferior conj	-2189 Jan 16 j 02:53	8°♋41'06	7°26'03			-2187 Jun 09 j 23:26	0°♐		
minimum elong	-2189 Jan 15 j 18:34	8°♋54'15	7°24'45			-2187 Jul 04 j 05:43	0°♑		
morning rise	-2189 Jan 20 j 00:12	6°♋16'39			evening rise	-2187 Jul 12 j 10:02	10°♑08'35		
direct	-2189 Feb 05 j 21:36	0°♋42'18				-2187 Jul 28 j 09:42	0°♒		
greatest brilliancy	-2189 Feb 16 j 13:08	2°♋47'58	-4.6m			-2187 Aug 21 j 12:58	0°♓		
	-2189 Mar 25 j 18:49	0°♌				-2187 Sep 14 j 17:20	0°♈		
morning max el	-2189 Mar 26 j 23:24	1°♌08'19	45°58'26		desc. node	-2187 Sep 16 j 08:15	2°♈00'30		
desc. node	-2189 Apr 01 j 13:10	6°♌35'08				-2187 Oct 09 j 00:27	0°♉		
	-2189 Apr 23 j 22:58	0°♍				-2187 Nov 02 j 12:42	0°♊		
	-2189 May 20 j 19:10	0°♎				-2187 Nov 27 j 11:24	0°♋		
	-2189 Jun 15 j 13:47	0°♏				-2187 Dec 23 j 10:01	0°♌		
	-2189 Jul 10 j 15:37	0°♐			asc. node	-2186 Jan 07 j 08:15	16°♌13'19		
asc. node	-2189 Jul 23 j 13:49	15°♐43'52			evening max el	-2186 Jan 15 j 02:48	24°♌11'44	46°14'53	
	-2189 Aug 04 j 04:32	0°♑				-2186 Jan 21 j 01:29	0°♍		
	-2189 Aug 28 j 07:44	0°♒			greatest brilliancy	-2186 Feb 19 j 00:56	22°♍03'10	-4.5m	
greatest brilliancy	-2189 Aug 29 j 15:02	1°♒37'54	-3.9m		retrograde	-2186 Mar 05 j 18:46	25°♍55'26		
morning set	-2189 Sep 20 j 06:53	28°♒50'39			evening set	-2186 Mar 22 j 17:48	20°♍22'51		
	-2189 Sep 21 j 04:54	0°♓			inferior conj	-2186 Mar 27 j 05:07	17°♍35'37	6°34'38	
	-2189 Oct 14 j 23:44	0°♈			minimum elong	-2186 Mar 27 j 14:02	17°♍21'25	6°33'04	
					min. Earth dist.	-2186 Mar 27 j 11:04	17°♍26'08	0.29161 AU	
superior conj	-2189 Oct 30 j 15:24	19°♈44'13	0°29'10		morning rise	-2186 Apr 01 j 10:22	14°♍21'57		
minimum elong	-2189 Oct 30 j 22:49	20°♈07'36	0°28'48		direct	-2186 Apr 17 j 20:13	9°♍13'07		
max. Earth dist.	-2189 Nov 02 j 02:28	22°♈50'18	1.70956 AU		desc. node	-2186 Apr 29 j 00:46	11°♍27'05		
	-2189 Nov 07 j 18:57	0°♉			greatest brilliancy	-2186 Apr 30 j 16:41	12°♍07'21	-4.5m	
desc. node	-2189 Nov 12 j 06:12	5°♉37'28				-2186 May 26 j 19:44	0°♎		
	-2189 Dec 01 j 16:02	0°♊			morning max el	-2186 Jun 05 j 15:06	8°♎58'07	45°48'35	
evening rise	-2189 Dec 11 j 22:51	12°♊52'56				-2186 Jun 26 j 08:13	0°♏		
	-2189 Dec 25 j 15:46	0°♋				-2186 Jul 23 j 07:42	0°♐		
	-2188 Jan 18 j 19:13	0°♌				-2186 Aug 17 j 19:19	0°♑		
	-2188 Feb 12 j 04:21	0°♍			asc. node	-2186 Aug 20 j 01:46	2°♑43'40		
asc. node	-2188 Mar 04 j 06:17	25°♍35'50				-2186 Sep 11 j 10:14	0°♒		
	-2188 Mar 07 j 22:05	0°♎				-2186 Oct 05 j 13:08	0°♓		
	-2188 Apr 02 j 04:32	0°♏				-2186 Oct 29 j 10:28	0°♈		
	-2188 Apr 28 j 06:50	0°♐				-2186 Nov 22 j 06:46	0°♉		
	-2188 May 25 j 22:44	0°♑			morning set	-2186 Dec 05 j 16:52	16°♉51'23		
evening max el	-2188 Jun 08 j 16:39	13°♑43'09	45°38'26		desc. node	-2186 Dec 09 j 18:03	21°♉56'05		
desc. node	-2188 Jun 23 j 22:18	27°♑17'18				-2186 Dec 16 j 04:32	0°♊		
	-2188 Jun 27 j 08:31	0°♒				-2185 Jan 09 j 04:47	0°♋		
greatest brilliancy	-2188 Jul 16 j 16:05	11°♒30'26	-4.5m						
retrograde	-2188 Jul 27 j 15:58	13°♒39'15			superior conj	-2185 Jan 16 j 11:52	9°♋05'11	-1°-13'-16	
evening set	-2188 Aug 14 j 12:37	7°♒45'00			minimum elong	-2185 Jan 16 j 02:10	8°♋35'00	1°13'06	
inferior conj	-2188 Aug 17 j 15:05	5°♒52'52	-8°-50'-45		max. Earth dist.	-2185 Jan 20 j 18:48	14°♋25'20	1.72161 AU	
minimum elong	-2188 Aug 17 j 13:23	5°♒55'27	8°50'41			-2185 Feb 02 j 07:49	0°♌		
min. Earth dist.	-2188 Aug 18 j 03:10	5°♒34'27	0.27579 AU		evening rise	-2185 Feb 24 j 23:48	28°♌02'04		
morning rise	-2188 Aug 20 j 14:01	4°♒05'44				-2185 Feb 26 j 14:03	0°♍		
	-2188 Aug 28 j 15:01	30°♒05'				-2185 Mar 23 j 00:09	0°♎		
direct	-2188 Sep 07 j 16:04	27°♒58'52			asc. node	-2185 Apr 01 j 18:21	11°♎55'33		
	-2188 Sep 18 j 01:02	0°♓				-2185 Apr 16 j 14:50	0°♏		
greatest brilliancy	-2188 Sep 21 j 12:23	1°♓28'41	-4.6m			-2185 May 11 j 11:06	0°♐		
asc. node	-2188 Oct 14 j 23:02	18°♓20'57				-2185 Jun 05 j 14:51	0°♑		
	-2188 Oct 27 j 01:33	0°♓				-2185 Jul 01 j 06:24	0°♒		
morning max el	-2188 Oct 28 j 10:05	1°♓22'52	46°52'39		desc. node	-2185 Jul 22 j 10:08	24°♓00'40		
	-2188 Nov 23 j 14:59	0°♈				-2185 Jul 27 j 20:07	0°♓		
	-2188 Dec 19 j 06:24	0°♉			evening max el	-2185 Aug 22 j 04:52	26°♓37'52	47°00'15	
	-2187 Jan 13 j 06:46	0°♊				-2185 Aug 25 j 15:45	0°♈		
desc. node	-2187 Feb 03 j 15:42	25°♊50'47			greatest brilliancy	-2185 Sep 30 j 16:39	26°♈43'48	-4.7m	
	-2187 Feb 07 j 01:59	0°♋			retrograde	-2185 Oct 11 j 12:40	28°♈55'57		
	-2187 Mar 03 j 19:13	0°♌			evening set	-2185 Oct 26 j 10:25	24°♈34'03		
	-2187 Mar 28 j 11:12	0°♍			inferior conj	-2185 Nov 01 j 02:08	21°♈14'52	-2°-53'-44	

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:42, page 44

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2185 Nov 01 j 08:28	21° ♁ 05'13	2°51'48			-2182 Apr 06 j 17:25	0° ♁	
min. Earth dist.	-2185 Nov 01 j 02:24	21° ♁ 14'27	0.26337 AU	asc. node		-2182 Apr 29 j 06:18	27° ♁ 39'31	
morning rise	-2185 Nov 07 j 06:25	17° ♁ 38'46				-2182 May 01 j 04:07	0° ♁	
asc. node	-2185 Nov 12 j 10:42	15° ♁ 18'03		evening rise		-2182 May 04 j 19:55	4° ♁ 29'16	
direct	-2185 Nov 21 j 07:40	13° ♁ 40'08				-2182 May 25 j 15:23	0° ♁	
greatest brilliancy	-2185 Dec 03 j 07:36	16° ♁ 21'41	-4.7m			-2182 Jun 19 j 03:17	0° ♁	
	-2185 Dec 23 j 22:39	0° ♁				-2182 Jul 13 j 16:47	0° ♁	
morning max el	-2184 Jan 10 j 14:00	16° ♁ 22'53	46°38'37			-2182 Aug 07 j 09:52	0° ♁	
	-2184 Jan 23 j 17:26	0° ♁		desc. node		-2182 Aug 18 j 22:16	13° ♁ 52'28	
	-2184 Feb 19 j 20:15	0° ♁				-2182 Sep 01 j 09:47	0° ♁	
desc. node	-2184 Mar 03 j 03:40	14° ♁ 06'01				-2182 Sep 26 j 22:28	0° ♁	
	-2184 Mar 16 j 20:14	0° ♁				-2182 Oct 23 j 16:06	0° ♁	
	-2184 Apr 11 j 07:27	0° ♁		evening max el		-2182 Nov 02 j 16:42	10° ♁ 32'35	47°27'02
	-2184 May 06 j 10:21	0° ♁				-2182 Nov 23 j 12:45	0° ♁	
	-2184 May 31 j 06:10	0° ♁		asc. node		-2182 Dec 09 j 22:31	10° ♁ 58'36	
asc. node	-2184 Jun 24 j 04:04	29° ♁ 13'51		greatest brilliancy		-2182 Dec 10 j 03:57	11° ♁ 05'08	-4.7m
	-2184 Jun 24 j 19:05	0° ♁		retrograde		-2182 Dec 23 j 19:37	14° ♁ 33'48	
morning set	-2184 Jul 07 j 20:37	16° ♁ 06'40		evening set		-2181 Jan 09 j 01:11	9° ♁ 15'48	
	-2184 Jul 19 j 01:25	0° ♁		min. Earth dist.		-2181 Jan 12 j 15:46	7° ♁ 02'31	0.27735 AU
max. Earth dist.	-2184 Aug 10 j 04:27	27° ♁ 35'59	1.71845 AU	inferior conj		-2181 Jan 13 j 17:41	6° ♁ 21'36	7°15'31
	-2184 Aug 12 j 02:28	0° ♁		minimum elong		-2181 Jan 13 j 08:59	6° ♁ 35'20	7°14'05
				morning rise		-2181 Jan 17 j 17:23	3° ♁ 53'49	
superior conj	-2184 Aug 13 j 19:39	2° ♁ 08'58	1°23'23			-2181 Jan 25 j 16:23	30° ♁	
minimum elong	-2184 Aug 13 j 16:57	2° ♁ 00'32	1°23'25	direct		-2181 Feb 03 j 12:14	28° ♁ 24'19	
	-2184 Sep 05 j 00:23	0° ♁				-2181 Feb 12 j 17:23	0° ♁	
evening rise	-2184 Sep 21 j 13:01	20° ♁ 45'47		greatest brilliancy		-2181 Feb 14 j 01:18	0° ♁ 28'06	-4.6m
	-2184 Sep 28 j 21:33	0° ♁		morning max el		-2181 Mar 24 j 14:26	28° ♁ 54'17	45°59'18
desc. node	-2184 Oct 13 j 20:18	18° ♁ 45'10				-2181 Mar 25 j 17:42	0° ♁	
	-2184 Oct 22 j 19:47	0° ♁		desc. node		-2181 Mar 31 j 15:14	5° ♁ 48'50	
	-2184 Nov 15 j 20:19	0° ♁				-2181 Apr 23 j 14:53	0° ♁	
	-2184 Dec 10 j 00:45	0° ♁				-2181 May 20 j 08:36	0° ♁	
	-2183 Jan 03 j 12:16	0° ♁				-2181 Jun 15 j 02:00	0° ♁	
	-2183 Jan 28 j 13:10	0° ♁				-2181 Jul 10 j 03:11	0° ♁	
asc. node	-2183 Feb 03 j 20:18	7° ♁ 22'55		asc. node		-2181 Jul 22 j 16:01	15° ♁ 15'52	
	-2183 Feb 23 j 15:36	0° ♁				-2181 Aug 03 j 15:46	0° ♁	
	-2183 Mar 24 j 02:21	0° ♁				-2181 Aug 27 j 18:49	0° ♁	
evening max el	-2183 Mar 26 j 21:24	2° ♁ 42'11	45°14'55	greatest brilliancy		-2181 Aug 30 j 21:31	3° ♁ 53'47	-3.9m
greatest brilliancy	-2183 Apr 30 j 06:47	28° ♁ 43'44	-4.5m	morning set		-2181 Sep 17 j 19:51	26° ♁ 25'33	
	-2183 May 03 j 08:53	0° ♁				-2181 Sep 20 j 15:57	0° ♁	
retrograde	-2183 May 14 j 06:06	2° ♁ 06'33				-2181 Oct 14 j 10:46	0° ♁	
	-2183 May 24 j 14:42	30° ♁						
desc. node	-2183 May 26 j 12:34	29° ♁ 10'23		superior conj		-2181 Oct 28 j 01:14	17° ♁ 09'13	0°32'52
evening set	-2183 May 29 j 04:08	27° ♁ 50'42		minimum elong		-2181 Oct 28 j 09:24	17° ♁ 34'59	0°32'28
inferior conj	-2183 Jun 04 j 15:27	24° ♁ 01'41	-2°-6'-32	max. Earth dist.		-2181 Oct 30 j 07:07	19° ♁ 59'01	1.70938 AU
minimum elong	-2183 Jun 04 j 10:53	24° ♁ 08'45	2°05'13			-2181 Nov 07 j 05:59	0° ♁	
min. Earth dist.	-2183 Jun 05 j 00:16	23° ♁ 48'03	0.28765 AU	desc. node		-2181 Nov 11 j 08:14	5° ♁ 09'12	
morning rise	-2183 Jun 10 j 17:09	20° ♁ 24'27				-2181 Dec 01 j 03:03	0° ♁	
direct	-2183 Jun 26 j 07:50	15° ♁ 45'23		evening rise		-2181 Dec 09 j 08:41	10° ♁ 19'01	
greatest brilliancy	-2183 Jul 10 j 22:24	19° ♁ 28'06	-4.5m			-2181 Dec 25 j 02:48	0° ♁	
	-2183 Jul 27 j 05:23	0° ♁				-2180 Jan 18 j 06:21	0° ♁	
morning max el	-2183 Aug 14 j 22:49	16° ♁ 46'28	46°19'02			-2180 Feb 11 j 15:42	0° ♁	
	-2183 Aug 27 j 20:07	0° ♁		asc. node		-2180 Mar 03 j 08:22	25° ♁ 06'46	
asc. node	-2183 Sep 16 j 13:32	21° ♁ 52'03				-2180 Mar 07 j 09:54	0° ♁	
	-2183 Sep 23 j 14:19	0° ♁				-2180 Apr 01 j 17:16	0° ♁	
	-2183 Oct 18 j 17:24	0° ♁				-2180 Apr 27 j 21:24	0° ♁	
	-2183 Nov 12 j 03:41	0° ♁				-2180 May 25 j 17:47	0° ♁	
	-2183 Dec 06 j 07:55	0° ♁		evening max el		-2180 Jun 06 j 06:10	11° ♁ 25'03	45°36'08
	-2183 Dec 30 j 11:30	0° ♁		desc. node		-2180 Jun 23 j 00:27	26° ♁ 12'26	
desc. node	-2182 Jan 06 j 05:59	8° ♁ 23'57				-2180 Jun 28 j 00:23	0° ♁	
	-2182 Jan 23 j 16:31	0° ♁		greatest brilliancy		-2180 Jul 14 j 04:18	9° ♁ 09'42	-4.5m
	-2182 Feb 16 j 23:19	0° ♁		retrograde		-2180 Jul 25 j 04:17	11° ♁ 18'52	
morning set	-2182 Feb 19 j 10:33	3° ♁ 02'41		evening set		-2180 Aug 11 j 23:48	5° ♁ 27'43	
	-2182 Mar 13 j 07:42	0° ♁		inferior conj		-2180 Aug 15 j 04:34	3° ♁ 32'07	-8°-47'-58
				minimum elong		-2180 Aug 15 j 01:59	3° ♁ 36'04	8°47'50
superior conj	-2182 Mar 29 j 05:47	19° ♁ 34'36	-1°-4'-14	min. Earth dist.		-2180 Aug 15 j 16:39	3° ♁ 13'41	0.27632 AU
minimum elong	-2182 Mar 29 j 14:48	20° ♁ 02'17	1°03'58	morning rise		-2180 Aug 18 j 04:00	1° ♁ 44'01	
max. Earth dist.	-2182 Mar 30 j 03:03	20° ♁ 39'54	1.73538 AU			-2180 Aug 21 j 04:53	30° ♁	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

direct	-2180 Sep 05 j 05:48	25° ♁ 37'07		asc. node	-2177 Mar 31 j 20:24	11° ♄ 28'26	
greatest brilliancy	-2180 Sep 19 j 03:36	29° ♁ 07'31	-4.6m		-2177 Apr 16 j 01:56	0° ♄	
	-2180 Sep 20 j 21:40	0° ♁			-2177 May 10 j 22:43	0° ♄	
asc. node	-2180 Oct 14 j 01:05	17° ♁ 19'13			-2177 Jun 05 j 03:21	0° ♁	
morning max el	-2180 Oct 25 j 22:42	28° ♁ 54'56	46°52'17		-2177 Jun 30 j 20:29	0° ♁	
	-2180 Oct 27 j 00:03	0° ♄		desc. node	-2177 Jul 21 j 12:19	23° ♁ 21'35	
	-2180 Nov 23 j 07:18	0° ♁			-2177 Jul 27 j 13:17	0° ♄	
	-2180 Dec 18 j 20:21	0° ♄		evening max el	-2177 Aug 19 j 17:38	24° ♄ 12'51	46°57'42
	-2179 Jan 12 j 19:26	0° ♄			-2177 Aug 25 j 17:36	0° ♁	
desc. node	-2179 Feb 02 j 17:56	25° ♄ 21'18		greatest brilliancy	-2177 Sep 28 j 05:43	24° ♁ 14'53	-4.7m
	-2179 Feb 06 j 13:51	0° ♄		retrograde	-2177 Oct 09 j 00:59	26° ♁ 26'11	
	-2179 Mar 03 j 06:33	0° ♄		evening set	-2177 Oct 24 j 00:44	22° ♁ 00'54	
	-2179 Mar 27 j 22:12	0° ♄		inferior conj	-2177 Oct 29 j 14:08	18° ♁ 45'17	-3°-16'-55
	-2179 Apr 21 j 12:28	0° ♄		minimum elong	-2177 Oct 29 j 21:13	18° ♁ 34'30	3°14'47
morning set	-2179 Apr 29 j 10:41	9° ♄ 41'21		min. Earth dist.	-2177 Oct 29 j 15:43	18° ♁ 42'52	0.26347 AU
	-2179 May 16 j 00:41	0° ♄		morning rise	-2177 Nov 04 j 17:36	15° ♁ 10'48	
asc. node	-2179 May 26 j 18:19	13° ♄ 11'08		asc. node	-2177 Nov 11 j 12:49	12° ♁ 16'58	
max. Earth dist.	-2179 Jun 01 j 07:47	20° ♄ 01'38	1.73430 AU	direct	-2177 Nov 18 j 20:00	11° ♁ 10'15	
				greatest brilliancy	-2177 Nov 30 j 22:10	13° ♁ 54'47	-4.7m
superior conj	-2179 Jun 04 j 11:29	23° ♄ 54'39	0°20'22		-2177 Dec 24 j 08:17	0° ♄	
minimum elong	-2179 Jun 04 j 07:32	23° ♄ 42'31	0°20'14	morning max el	-2176 Jan 08 j 04:27	14° ♄ 00'54	46°39'54
	-2179 Jun 09 j 10:04	0° ♄			-2176 Jan 23 j 12:20	0° ♄	
	-2179 Jul 03 j 16:27	0° ♁			-2176 Feb 19 j 11:08	0° ♄	
evening rise	-2179 Jul 10 j 04:12	8° ♁ 02'35		desc. node	-2176 Mar 02 j 05:39	13° ♄ 31'43	
	-2179 Jul 27 j 20:38	0° ♁			-2176 Mar 16 j 09:16	0° ♄	
	-2179 Aug 21 j 00:13	0° ♄			-2176 Apr 10 j 19:25	0° ♄	
	-2179 Sep 14 j 04:57	0° ♁			-2176 May 05 j 21:40	0° ♄	
desc. node	-2179 Sep 15 j 10:17	1° ♁ 30'44			-2176 May 30 j 17:07	0° ♄	
	-2179 Oct 08 j 12:33	0° ♄		asc. node	-2176 Jun 23 j 06:18	28° ♄ 47'35	
	-2179 Nov 02 j 01:26	0° ♄			-2176 Jun 24 j 05:51	0° ♄	
	-2179 Nov 27 j 01:16	0° ♄		morning set	-2176 Jul 05 j 14:18	13° ♄ 59'43	
	-2179 Dec 23 j 02:18	0° ♄			-2176 Jul 18 j 12:10	0° ♁	
asc. node	-2178 Jan 06 j 10:31	15° ♄ 29'25		max. Earth dist.	-2176 Aug 07 j 18:24	25° ♁ 15'40	1.71905 AU
evening max el	-2178 Jan 12 j 16:56	21° ♄ 54'02	46°17'56				
	-2178 Jan 21 j 01:43	0° ♄		superior conj	-2176 Aug 11 j 11:33	29° ♁ 54'35	1°22'50
greatest brilliancy	-2178 Feb 16 j 17:35	19° ♄ 54'43	-4.5m	minimum elong	-2176 Aug 11 j 08:08	29° ♁ 43'54	1°22'50
retrograde	-2178 Mar 03 j 11:37	23° ♄ 48'20			-2176 Aug 11 j 13:17	0° ♁	
evening set	-2178 Mar 20 j 13:17	18° ♄ 11'40			-2176 Sep 04 j 11:20	0° ♄	
inferior conj	-2178 Mar 24 j 22:10	15° ♄ 28'10	6°46'11	evening rise	-2176 Sep 19 j 00:51	18° ♄ 17'34	
minimum elong	-2178 Mar 25 j 06:54	15° ♄ 14'15	6°44'43		-2176 Sep 28 j 08:38	0° ♁	
min. Earth dist.	-2178 Mar 25 j 03:36	15° ♄ 19'31	0.29151 AU	desc. node	-2176 Oct 12 j 22:20	18° ♁ 16'25	
morning rise	-2178 Mar 30 j 00:36	12° ♄ 18'31			-2176 Oct 22 j 07:03	0° ♄	
direct	-2178 Apr 15 j 12:13	7° ♄ 05'44			-2176 Nov 15 j 07:48	0° ♄	
desc. node	-2178 Apr 28 j 02:49	9° ♄ 53'18			-2176 Dec 09 j 12:32	0° ♄	
greatest brilliancy	-2178 Apr 28 j 08:04	9° ♄ 58'49	-4.5m		-2175 Jan 03 j 00:32	0° ♄	
	-2178 May 26 j 22:03	0° ♄			-2175 Jan 28 j 02:21	0° ♄	
morning max el	-2178 Jun 03 j 07:03	6° ♄ 49'03	45°48'09	asc. node	-2175 Feb 02 j 22:23	6° ♄ 49'31	
	-2178 Jun 26 j 00:42	0° ♄			-2175 Feb 23 j 06:53	0° ♄	
	-2178 Jul 22 j 21:18	0° ♄			-2175 Mar 23 j 23:47	0° ♄	
	-2178 Aug 17 j 07:40	0° ♁		evening max el	-2175 Mar 24 j 14:18	0° ♄ 34'52	45°15'55
asc. node	-2178 Aug 19 j 03:54	2° ♁ 13'06		greatest brilliancy	-2175 Apr 27 j 21:36	26° ♄ 34'14	-4.5m
	-2178 Sep 10 j 21:58	0° ♁		retrograde	-2175 May 11 j 22:25	29° ♄ 58'13	
	-2178 Oct 05 j 00:33	0° ♄		desc. node	-2175 May 25 j 14:42	26° ♄ 21'04	
	-2178 Oct 28 j 21:43	0° ♁		evening set	-2175 May 26 j 20:10	25° ♄ 42'37	
	-2178 Nov 21 j 17:53	0° ♄		inferior conj	-2175 Jun 02 j 07:37	21° ♄ 52'49	-1°-47'-9
morning set	-2178 Dec 03 j 02:19	14° ♄ 15'37		minimum elong	-2175 Jun 02 j 03:43	21° ♄ 58'51	1°46'00
desc. node	-2178 Dec 08 j 20:10	21° ♄ 28'03		min. Earth dist.	-2175 Jun 02 j 16:19	21° ♄ 39'20	0.28790 AU
	-2178 Dec 15 j 15:34	0° ♄		morning rise	-2175 Jun 08 j 10:54	18° ♄ 13'14	
	-2177 Jan 08 j 15:42	0° ♄		direct	-2175 Jun 24 j 00:48	13° ♄ 36'13	
				greatest brilliancy	-2175 Jul 08 j 13:21	17° ♄ 16'54	-4.5m
superior conj	-2177 Jan 13 j 23:28	6° ♄ 38'02	-1°-11'-20		-2175 Jul 27 j 14:26	0° ♄	
minimum elong	-2177 Jan 13 j 13:15	6° ♄ 06'14	1°11'08	morning max el	-2175 Aug 12 j 14:49	14° ♄ 34'07	46°17'25
max. Earth dist.	-2177 Jan 18 j 04:42	11° ♄ 53'03	1.72098 AU		-2175 Aug 27 j 14:09	0° ♁	
	-2177 Feb 01 j 18:39	0° ♄		asc. node	-2175 Sep 15 j 15:34	21° ♁ 14'27	
evening rise	-2177 Feb 22 j 14:30	25° ♄ 46'07			-2175 Sep 23 j 04:49	0° ♁	
	-2177 Feb 26 j 00:50	0° ♄			-2175 Oct 18 j 06:28	0° ♄	
	-2177 Mar 22 j 10:59	0° ♄			-2175 Nov 11 j 15:59	0° ♁	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2175 Dec 05 j 19:46	0°♌			-2172 May 25 j 13:37	0°♍		
	-2175 Dec 29 j 23:01	0°♊		evening max el	-2172 Jun 03 j 19:27	9°♍06'01	45°34'05	
desc. node	-2174 Jan 05 j 08:11	7°♊55'21		desc. node	-2172 Jun 22 j 02:39	25°♍05'41		
	-2174 Jan 23 j 03:46	0°♊			-2172 Jun 28 j 21:44	0°♌		
	-2174 Feb 16 j 10:20	0°♋		greatest brilliancy	-2172 Jul 11 j 16:03	6°♌48'44	-4.5m	
morning set	-2174 Feb 17 j 00:43	0°♋44'20		retrograde	-2172 Jul 22 j 17:05	8°♌59'26		
	-2174 Mar 12 j 18:34	0°♋		evening set	-2172 Aug 09 j 10:52	3°♌11'39		
				inferior conj	-2172 Aug 12 j 18:23	1°♌12'11	-8°-44'-14	
superior conj	-2174 Mar 26 j 22:54	17°♋26'23	-1°-6'-16	minimum elong	-2172 Aug 12 j 14:55	1°♌17'28	8°44'03	
minimum elong	-2174 Mar 27 j 07:50	17°♋53'52	1°06'03	min. Earth dist.	-2172 Aug 13 j 06:27	0°♌53'47	0.27682 AU	
max. Earth dist.	-2174 Mar 28 j 01:15	18°♋47'22	1.73509 AU		-2172 Aug 14 j 17:51	30°♌		
	-2174 Apr 06 j 04:13	0°♌		morning rise	-2172 Aug 15 j 18:45	29°♌22'40		
asc. node	-2174 Apr 28 j 08:27	27°♌12'56		direct	-2172 Sep 02 j 19:41	23°♌16'06		
	-2174 Apr 30 j 14:56	0°♍		greatest brilliancy	-2172 Sep 16 j 19:50	26°♌48'21	-4.6m	
evening rise	-2174 May 02 j 14:53	2°♍27'02			-2172 Sep 22 j 15:09	0°♌		
greatest brilliancy	-2174 May 03 j 11:55	3°♍31'32	-3.9m	asc. node	-2172 Oct 13 j 03:16	16°♌19'19		
	-2174 May 25 j 02:21	0°♍		morning max el	-2172 Oct 23 j 11:46	26°♌28'08	46°51'44	
	-2174 Jun 18 j 14:32	0°♍			-2172 Oct 26 j 21:45	0°♎		
	-2174 Jul 13 j 04:30	0°♎			-2172 Nov 22 j 23:30	0°♎		
	-2174 Aug 06 j 22:20	0°♎			-2172 Dec 18 j 10:25	0°♌		
desc. node	-2174 Aug 18 j 00:16	13°♎19'42			-2171 Jan 12 j 08:22	0°♊		
	-2174 Aug 31 j 23:23	0°♎		desc. node	-2171 Feb 01 j 19:54	24°♊49'55		
	-2174 Sep 26 j 14:01	0°♌			-2171 Feb 06 j 02:03	0°♊		
	-2174 Oct 23 j 11:54	0°♊			-2171 Mar 02 j 18:15	0°♋		
evening max el	-2174 Oct 31 j 08:33	8°♊13'04	47°27'53		-2171 Mar 27 j 09:32	0°♋		
	-2174 Nov 24 j 03:11	0°♊			-2171 Apr 20 j 23:34	0°♌		
greatest brilliancy	-2174 Dec 07 j 21:51	8°♊46'51	-4.7m	morning set	-2171 Apr 27 j 05:04	7°♌37'00		
asc. node	-2174 Dec 09 j 00:46	9°♊17'40			-2171 May 15 j 11:39	0°♌		
retrograde	-2174 Dec 21 j 10:48	12°♊11'47		asc. node	-2171 May 25 j 20:29	12°♊44'06		
evening set	-2173 Jan 06 j 12:42	6°♊59'37		max. Earth dist.	-2171 May 30 j 04:54	18°♊05'13	1.73465 AU	
min. Earth dist.	-2173 Jan 10 j 05:56	4°♊42'23	0.27657 AU					
inferior conj	-2173 Jan 11 j 08:14	4°♊00'49	7°04'10	superior conj	-2171 Jun 02 j 06:14	21°♊50'53	0°17'22	
minimum elong	-2173 Jan 10 j 23:13	4°♊15'04	7°02'34	minimum elong	-2171 Jun 02 j 02:50	21°♊40'27	0°17'15	
morning rise	-2173 Jan 15 j 10:22	1°♊29'23			-2171 Jun 08 j 21:02	0°♍		
	-2173 Jan 18 j 01:56	30°♊			-2171 Jul 03 j 03:31	0°♍		
direct	-2173 Feb 01 j 02:18	26°♊05'05		evening rise	-2171 Jul 07 j 22:34	5°♍56'23		
greatest brilliancy	-2173 Feb 11 j 13:41	28°♊07'16	-4.6m		-2171 Jul 27 j 07:54	0°♌		
	-2173 Feb 15 j 22:03	0°♊			-2171 Aug 20 j 11:44	0°♎		
morning max el	-2173 Mar 22 j 04:22	26°♊36'59	46°00'20		-2171 Sep 13 j 16:49	0°♎		
	-2173 Mar 25 j 15:50	0°♋		desc. node	-2171 Sep 14 j 12:22	1°♎00'27		
desc. node	-2173 Mar 30 j 17:20	5°♋02'59			-2171 Oct 08 j 00:52	0°♌		
	-2173 Apr 23 j 06:40	0°♋			-2171 Nov 01 j 14:29	0°♊		
	-2173 May 19 j 22:01	0°♌			-2171 Nov 26 j 15:34	0°♊		
	-2173 Jun 14 j 14:14	0°♌			-2171 Dec 22 j 19:20	0°♋		
	-2173 Jul 09 j 14:47	0°♍		asc. node	-2170 Jan 05 j 12:34	14°♋42'53		
asc. node	-2173 Jul 21 j 18:08	14°♍47'29		evening max el	-2170 Jan 10 j 07:28	19°♋35'43	46°20'48	
	-2173 Aug 03 j 03:01	0°♍			-2170 Jan 21 j 04:00	0°♋		
	-2173 Aug 27 j 05:55	0°♌		greatest brilliancy	-2170 Feb 14 j 09:19	17°♋42'46	-4.5m	
greatest brilliancy	-2173 Aug 31 j 20:53	5°♌47'22	-3.9m	retrograde	-2170 Mar 01 j 04:35	21°♋38'36		
morning set	-2173 Sep 15 j 09:10	24°♌01'28		evening set	-2170 Mar 18 j 08:23	15°♋57'44		
	-2173 Sep 20 j 03:02	0°♎		inferior conj	-2170 Mar 22 j 14:52	13°♋17'59	6°57'15	
	-2173 Oct 13 j 21:55	0°♎		minimum elong	-2170 Mar 22 j 23:22	13°♋04'28	6°55'55	
				min. Earth dist.	-2170 Mar 22 j 19:35	13°♋10'28	0.29140 AU	
superior conj	-2173 Oct 25 j 11:08	14°♎33'59	0°36'28	morning rise	-2170 Mar 27 j 14:25	10°♋12'41		
minimum elong	-2173 Oct 25 j 19:59	15°♎01'53	0°36'04	direct	-2170 Apr 13 j 04:02	4°♋55'37		
max. Earth dist.	-2173 Oct 27 j 08:49	16°♎57'56	1.70935 AU	greatest brilliancy	-2170 Apr 25 j 23:18	7°♋48'07	-4.5m	
	-2173 Nov 06 j 17:12	0°♌		desc. node	-2170 Apr 27 j 04:58	8°♋20'42		
desc. node	-2173 Nov 10 j 10:24	4°♌40'41			-2170 May 26 j 23:41	0°♌		
	-2173 Nov 30 j 14:19	0°♊		morning max el	-2170 May 31 j 23:31	4°♌39'45	45°47'52	
evening rise	-2173 Dec 06 j 17:57	7°♊42'25			-2170 Jun 25 j 17:22	0°♌		
	-2173 Dec 24 j 14:07	0°♊			-2170 Jul 22 j 11:12	0°♍		
	-2172 Jan 17 j 17:45	0°♋			-2170 Aug 16 j 20:20	0°♍		
	-2172 Feb 11 j 03:21	0°♋		asc. node	-2170 Aug 18 j 05:52	1°♍41'02		
asc. node	-2172 Mar 02 j 10:25	24°♋36'48			-2170 Sep 10 j 10:01	0°♌		
	-2172 Mar 06 j 22:01	0°♌			-2170 Oct 04 j 12:16	0°♎		
	-2172 Apr 01 j 06:20	0°♍			-2170 Oct 28 j 09:13	0°♎		
	-2172 Apr 27 j 12:25	0°♍			-2170 Nov 21 j 05:15	0°♌		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2170 Nov 30 j 12:15	11° \mathbb{M} 40'33		minimum elong	-2167 May 30 j 20:27	19° \mathbb{B} 47'32	1°26'37
desc. node	-2170 Dec 07 j 22:19	20° \mathbb{M} 59'21		min. Earth dist.	-2167 May 31 j 08:36	19° \mathbb{B} 28'41	0.28817 AU
	-2170 Dec 15 j 02:50	0° \mathbb{A}		morning rise	-2167 Jun 06 j 04:20	16° \mathbb{B} 00'36	
	-2169 Jan 08 j 02:55	0° \mathbb{B}		direct	-2167 Jun 21 j 17:25	11° \mathbb{B} 25'39	
				greatest brilliancy	-2167 Jul 06 j 03:38	15° \mathbb{B} 03'27	-4.5m
superior conj	-2169 Jan 11 j 11:01	4° \mathbb{B} 09'38	-1°-9'-15		-2167 Jul 27 j 21:32	0° \mathbb{H}	
minimum elong	-2169 Jan 11 j 00:22	3° \mathbb{B} 36'27	1°09'01	morning max el	-2167 Aug 10 j 05:47	12° \mathbb{H} 18'15	46°15'54
max. Earth dist.	-2169 Jan 15 j 14:43	9° \mathbb{B} 20'04	1.72046 AU		-2167 Aug 27 j 08:06	0° \mathbb{B}	
	-2169 Feb 01 j 05:50	0° \mathbb{A}		asc. node	-2167 Sep 14 j 17:49	20° \mathbb{B} 36'54	
evening rise	-2169 Feb 20 j 04:56	23° \mathbb{A} 28'05			-2167 Sep 22 j 19:26	0° \mathbb{Q}	
	-2169 Feb 25 j 12:02	0° \mathbb{H}			-2167 Oct 17 j 19:39	0° \mathbb{H}	
	-2169 Mar 21 j 22:17	0° \mathbb{Y}			-2167 Nov 11 j 04:26	0° \mathbb{A}	
asc. node	-2169 Mar 30 j 22:32	11° \mathbb{Y} 00'13			-2167 Dec 05 j 07:46	0° \mathbb{M}	
	-2169 Apr 15 j 13:30	0° \mathbb{B}			-2167 Dec 29 j 10:41	0° \mathbb{A}	
	-2169 May 10 j 10:49	0° \mathbb{H}		desc. node	-2166 Jan 04 j 10:09	7° \mathbb{A} 25'31	
	-2169 Jun 04 j 16:23	0° \mathbb{B}			-2166 Jan 22 j 15:08	0° \mathbb{B}	
	-2169 Jun 30 j 11:09	0° \mathbb{Q}		morning set	-2166 Feb 14 j 15:02	28° \mathbb{B} 26'06	
desc. node	-2169 Jul 20 j 14:18	22° \mathbb{Q} 40'20			-2166 Feb 15 j 21:27	0° \mathbb{A}	
	-2169 Jul 27 j 07:15	0° \mathbb{H}			-2166 Mar 12 j 05:32	0° \mathbb{H}	
evening max el	-2169 Aug 17 j 07:25	21° \mathbb{H} 49'23	46°55'09				
	-2169 Aug 25 j 21:25	0° \mathbb{A}		superior conj	-2166 Mar 24 j 16:08	15° \mathbb{H} 18'15	-1°-8'-14
greatest brilliancy	-2169 Sep 25 j 18:29	21° \mathbb{A} 44'55	-4.7m	minimum elong	-2166 Mar 25 j 00:56	15° \mathbb{H} 45'18	1°08'00
retrograde	-2169 Oct 06 j 13:40	23° \mathbb{A} 55'31		max. Earth dist.	-2166 Mar 25 j 23:40	16° \mathbb{H} 55'11	1.73480 AU
evening set	-2169 Oct 21 j 15:17	19° \mathbb{A} 26'55			-2166 Apr 05 j 15:08	0° \mathbb{Y}	
inferior conj	-2169 Oct 27 j 02:08	16° \mathbb{A} 14'53	-3°-39'-42	asc. node	-2166 Apr 27 j 10:37	26° \mathbb{Y} 45'57	
minimum elong	-2169 Oct 27 j 09:55	16° \mathbb{A} 03'03	3°37'25	evening rise	-2166 Apr 30 j 09:48	0° \mathbb{B} 24'11	
min. Earth dist.	-2169 Oct 27 j 04:45	16° \mathbb{A} 10'55	0.26355 AU		-2166 Apr 30 j 01:55	0° \mathbb{B}	
morning rise	-2169 Nov 02 j 04:30	12° \mathbb{A} 42'20		greatest brilliancy	-2166 May 03 j 04:11	3° \mathbb{B} 47'40	-3.9m
asc. node	-2169 Nov 10 j 14:58	9° \mathbb{A} 21'12			-2166 May 24 j 13:30	0° \mathbb{H}	
direct	-2169 Nov 16 j 08:45	8° \mathbb{A} 39'51			-2166 Jun 18 j 02:01	0° \mathbb{B}	
greatest brilliancy	-2169 Nov 28 j 11:41	11° \mathbb{A} 25'56	-4.7m		-2166 Jul 12 j 16:29	0° \mathbb{Q}	
	-2169 Dec 24 j 15:32	0° \mathbb{M}			-2166 Aug 06 j 11:04	0° \mathbb{H}	
morning max el	-2168 Jan 05 j 19:01	11° \mathbb{M} 38'37	46°41'06	desc. node	-2166 Aug 17 j 02:21	12° \mathbb{H} 46'29	
	-2168 Jan 23 j 06:57	0° \mathbb{A}			-2166 Aug 31 j 13:17	0° \mathbb{A}	
	-2168 Feb 19 j 02:06	0° \mathbb{B}			-2166 Sep 26 j 05:57	0° \mathbb{M}	
desc. node	-2168 Mar 01 j 07:45	12° \mathbb{B} 57'11			-2166 Oct 23 j 08:26	0° \mathbb{A}	
	-2168 Mar 15 j 22:31	0° \mathbb{A}		evening max el	-2166 Oct 28 j 23:28	5° \mathbb{A} 50'40	47°28'39
	-2168 Apr 10 j 07:42	0° \mathbb{H}			-2166 Nov 24 j 22:39	0° \mathbb{B}	
	-2168 May 05 j 09:21	0° \mathbb{Y}		greatest brilliancy	-2166 Dec 05 j 16:03	6° \mathbb{B} 28'22	-4.7m
	-2168 May 30 j 04:26	0° \mathbb{B}		asc. node	-2166 Dec 08 j 02:50	7° \mathbb{B} 32'19	
asc. node	-2168 Jun 22 j 08:20	28° \mathbb{B} 19'35		retrograde	-2166 Dec 19 j 01:25	9° \mathbb{B} 49'17	
	-2168 Jun 23 j 17:00	0° \mathbb{H}		evening set	-2165 Jan 04 j 00:13	4° \mathbb{B} 42'53	
morning set	-2168 Jul 03 j 07:42	11° \mathbb{H} 50'58		min. Earth dist.	-2165 Jan 07 j 20:31	2° \mathbb{B} 21'14	0.27577 AU
	-2168 Jul 17 j 23:16	0° \mathbb{B}		inferior conj	-2165 Jan 08 j 22:46	1° \mathbb{B} 39'43	6°52'03
max. Earth dist.	-2168 Aug 05 j 06:51	22° \mathbb{B} 49'52	1.71962 AU	minimum elong	-2165 Jan 08 j 13:29	1° \mathbb{B} 54'24	6°50'17
					-2165 Jan 11 j 14:32	30° \mathbb{R} \mathbb{A}	
superior conj	-2168 Aug 09 j 03:21	27° \mathbb{B} 39'01	1°22'07	morning rise	-2165 Jan 13 j 03:24	29° \mathbb{A} 40'30	
minimum elong	-2168 Aug 08 j 23:16	27° \mathbb{B} 26'15	1°22'08	direct	-2165 Jan 29 j 15:49	23° \mathbb{A} 45'24	
	-2168 Aug 11 j 00:25	0° \mathbb{Q}		greatest brilliancy	-2165 Feb 09 j 03:02	25° \mathbb{A} 47'06	-4.6m
	-2168 Sep 03 j 22:34	0° \mathbb{H}			-2165 Feb 17 j 18:56	0° \mathbb{B}	
evening rise	-2168 Sep 16 j 12:44	15° \mathbb{H} 48'31		morning max el	-2165 Mar 19 j 17:44	24° \mathbb{B} 18'12	46°01'32
	-2168 Sep 27 j 20:03	0° \mathbb{A}			-2165 Mar 25 j 13:08	0° \mathbb{A}	
desc. node	-2168 Oct 12 j 00:30	17° \mathbb{A} 47'08		desc. node	-2165 Mar 29 j 19:29	4° \mathbb{A} 18'04	
	-2168 Oct 21 j 18:38	0° \mathbb{M}			-2165 Apr 22 j 22:10	0° \mathbb{H}	
	-2168 Nov 14 j 19:35	0° \mathbb{A}			-2165 May 19 j 11:18	0° \mathbb{Y}	
	-2168 Dec 09 j 00:33	0° \mathbb{B}			-2165 Jun 14 j 02:27	0° \mathbb{B}	
	-2167 Jan 02 j 13:01	0° \mathbb{A}			-2165 Jul 09 j 02:25	0° \mathbb{H}	
	-2167 Jan 27 j 15:49	0° \mathbb{H}		asc. node	-2165 Jul 20 j 20:10	14° \mathbb{H} 18'38	
asc. node	-2167 Feb 02 j 00:25	6° \mathbb{H} 15'18			-2165 Aug 02 j 14:21	0° \mathbb{B}	
	-2167 Feb 22 j 22:38	0° \mathbb{Y}			-2165 Aug 26 j 17:07	0° \mathbb{Q}	
evening max el	-2167 Mar 22 j 06:48	28° \mathbb{Y} 25'34	45°16'42	greatest brilliancy	-2165 Sep 01 j 21:38	7° \mathbb{Q} 45'07	-3.9m
	-2167 Mar 23 j 22:27	0° \mathbb{B}		morning set	-2165 Sep 12 j 22:17	21° \mathbb{Q} 36'31	
greatest brilliancy	-2167 Apr 25 j 13:07	24° \mathbb{B} 24'17	-4.5m		-2165 Sep 19 j 14:12	0° \mathbb{H}	
retrograde	-2167 May 09 j 14:03	27° \mathbb{B} 48'21			-2165 Oct 13 j 09:06	0° \mathbb{A}	
evening set	-2167 May 24 j 12:13	23° \mathbb{B} 32'52					
desc. node	-2167 May 24 j 16:51	23° \mathbb{B} 26'36		superior conj	-2165 Oct 22 j 20:56	11° \mathbb{A} 58'24	0°40'00
inferior conj	-2167 May 30 j 23:39	19° \mathbb{B} 42'34	-1°-27'-35	minimum elong	-2165 Oct 23 j 06:24	12° \mathbb{A} 28'13	0°39'35

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2165 Oct 24 j 10:14	13°♄55'55	1.70931 AU	morning rise	-2162 Mar 25 j 04:15	8°♂07'56	
	-2165 Nov 06 j 04:25	0°♌		direct	-2162 Apr 10 j 20:21	2°♂46'35	
desc. node	-2165 Nov 09 j 12:29	4°♌11'55		greatest brilliancy	-2162 Apr 23 j 14:02	5°♂37'58	-4.5m
	-2165 Nov 30 j 01:33	0°♌		desc. node	-2162 Apr 26 j 07:04	6°♂52'16	
evening rise	-2165 Dec 04 j 03:10	5°♌05'44			-2162 May 26 j 23:35	0°♍	
	-2165 Dec 24 j 01:24	0°♌		morning max el	-2162 May 29 j 16:44	2°♍33'31	45°47'40
	-2164 Jan 17 j 05:09	0°♌			-2162 Jun 25 j 09:18	0°♎	
	-2164 Feb 10 j 14:57	0°♌			-2162 Jul 22 j 00:34	0°♏	
asc. node	-2164 Mar 01 j 12:37	24°♌07'33			-2162 Aug 16 j 08:34	0°♐	
	-2164 Mar 06 j 10:04	0°♍		asc. node	-2162 Aug 17 j 08:08	1°♐11'04	
	-2164 Mar 31 j 19:19	0°♎			-2162 Sep 09 j 21:43	0°♑	
	-2164 Apr 27 j 03:26	0°♏			-2162 Oct 03 j 23:41	0°♒	
	-2164 May 25 j 09:54	0°♐			-2162 Oct 27 j 20:30	0°♓	
evening max el	-2164 Jun 01 j 08:40	6°♐47'26	45°31'58		-2162 Nov 20 j 16:26	0°♌	
desc. node	-2164 Jun 21 j 04:36	23°♐56'48		morning set	-2162 Nov 27 j 21:45	9°♌04'38	
	-2164 Jun 30 j 02:55	0°♑		desc. node	-2162 Dec 07 j 00:20	20°♌30'45	
greatest brilliancy	-2164 Jul 09 j 02:22	4°♑26'24	-4.5m		-2162 Dec 14 j 13:55	0°♌	
retrograde	-2164 Jul 20 j 06:14	6°♑40'07			-2161 Jan 07 j 13:54	0°♌	
evening set	-2164 Aug 06 j 21:28	0°♑55'48					
	-2164 Aug 08 j 11:11	30°♒		superior conj	-2161 Jan 08 j 21:56	1°♌39'51	-1°-6'-59
inferior conj	-2164 Aug 10 j 08:05	28°♒52'00	-8°-39'-35	minimum elong	-2161 Jan 08 j 10:54	1°♌05'28	1°06'43
minimum elong	-2164 Aug 10 j 03:45	28°♒58'35	8°39'18	max. Earth dist.	-2161 Jan 13 j 02:02	6°♌51'47	1.71989 AU
min. Earth dist.	-2164 Aug 10 j 19:54	28°♒34'00	0.27738 AU		-2161 Jan 31 j 16:44	0°♌	
morning rise	-2164 Aug 13 j 09:49	27°♒00'34		evening rise	-2161 Feb 17 j 19:05	21°♌10'03	
direct	-2164 Aug 31 j 09:45	20°♒54'43			-2161 Feb 24 j 22:55	0°♌	
greatest brilliancy	-2164 Sep 14 j 12:51	24°♒30'07	-4.6m		-2161 Mar 21 j 09:15	0°♍	
	-2164 Sep 23 j 20:02	0°♑		asc. node	-2161 Mar 30 j 00:41	10°♍33'02	
asc. node	-2164 Oct 12 j 05:24	15°♑20'26			-2161 Apr 15 j 00:45	0°♎	
morning max el	-2164 Oct 21 j 01:44	24°♑03'40	46°51'16		-2161 May 09 j 22:35	0°♏	
	-2164 Oct 26 j 18:45	0°♑			-2161 Jun 04 j 05:05	0°♐	
	-2164 Nov 22 j 15:25	0°♑			-2161 Jun 30 j 01:30	0°♑	
	-2164 Dec 18 j 00:16	0°♒		desc. node	-2161 Jul 19 j 16:28	22°♑00'34	
	-2163 Jan 11 j 21:05	0°♒			-2161 Jul 27 j 01:06	0°♑	
desc. node	-2163 Jan 31 j 22:01	24°♒19'36		evening max el	-2161 Aug 14 j 21:39	19°♑28'36	46°52'20
	-2163 Feb 05 j 14:02	0°♌			-2161 Aug 26 j 02:25	0°♑	
	-2163 Mar 02 j 05:45	0°♌		greatest brilliancy	-2161 Sep 23 j 07:07	19°♑16'07	-4.7m
	-2163 Mar 26 j 20:40	0°♌		retrograde	-2161 Oct 04 j 01:55	21°♑25'33	
	-2163 Apr 20 j 10:26	0°♍		evening set	-2161 Oct 19 j 05:54	16°♑53'41	
morning set	-2163 Apr 24 j 23:45	5°♍34'12		inferior conj	-2161 Oct 24 j 14:02	13°♑45'12	-4°-2'-7
	-2163 May 14 j 22:22	0°♎		minimum elong	-2161 Oct 24 j 22:28	13°♑32'25	3°59'41
asc. node	-2163 May 24 j 22:32	12°♎17'29		min. Earth dist.	-2161 Oct 24 j 17:41	13°♑39'41	0.26373 AU
max. Earth dist.	-2163 May 28 j 04:11	16°♎16'14	1.73496 AU	morning rise	-2161 Oct 30 j 15:00	10°♑14'39	
				asc. node	-2161 Nov 09 j 17:02	6°♑32'08	
superior conj	-2163 May 31 j 01:16	19°♎48'50	0°14'23	direct	-2161 Nov 13 j 21:43	6°♑10'08	
minimum elong	-2163 May 30 j 22:27	19°♎40'08	0°14'16	greatest brilliancy	-2161 Nov 26 j 01:01	8°♑57'08	-4.7m
behind sun begin	-2163 May 30 j 12:49	19°♎10'30			-2161 Dec 24 j 20:31	0°♒	
behind sun end	-2163 May 31 j 08:05	20°♎09'46		morning max el	-2160 Jan 03 j 08:53	9°♒14'47	46°42'12
	-2163 Jun 08 j 07:44	0°♏			-2160 Jan 23 j 00:58	0°♒	
	-2163 Jul 02 j 14:20	0°♐			-2160 Feb 18 j 16:40	0°♌	
evening rise	-2163 Jul 05 j 17:17	3°♐52'05		desc. node	-2160 Feb 29 j 09:58	12°♌23'48	
	-2163 Jul 26 j 18:57	0°♑			-2160 Mar 15 j 11:23	0°♌	
	-2163 Aug 19 j 23:07	0°♑			-2160 Apr 09 j 19:35	0°♌	
	-2163 Sep 13 j 04:36	0°♑			-2160 May 04 j 20:38	0°♍	
desc. node	-2163 Sep 13 j 14:32	0°♑30'41			-2160 May 29 j 15:23	0°♎	
	-2163 Oct 07 j 13:09	0°♒		asc. node	-2160 Jun 21 j 10:24	27°♎52'49	
	-2163 Nov 01 j 03:30	0°♒			-2160 Jun 23 j 03:46	0°♏	
	-2163 Nov 26 j 05:52	0°♌		morning set	-2160 Jul 01 j 01:32	9°♏44'43	
	-2163 Dec 22 j 12:29	0°♌			-2160 Jul 17 j 09:58	0°♐	
asc. node	-2162 Jan 04 j 14:36	13°♌56'21		max. Earth dist.	-2160 Aug 02 j 19:10	20°♐24'58	1.72019 AU
evening max el	-2162 Jan 07 j 22:53	17°♌20'16	46°23'53				
	-2162 Jan 21 j 07:28	0°♌		superior conj	-2160 Aug 06 j 19:48	25°♐26'52	1°21'19
greatest brilliancy	-2162 Feb 12 j 01:17	15°♌32'05	-4.5m	minimum elong	-2160 Aug 06 j 15:06	25°♐12'10	1°21'18
retrograde	-2162 Feb 26 j 22:01	19°♌29'48			-2160 Aug 10 j 11:09	0°♑	
evening set	-2162 Mar 16 j 03:33	13°♌44'47			-2160 Sep 03 j 09:24	0°♑	
inferior conj	-2162 Mar 20 j 07:37	11°♌08'43	7°07'53	evening rise	-2160 Sep 14 j 01:17	13°♑22'58	
minimum elong	-2162 Mar 20 j 15:51	10°♌55'38	7°06'38		-2160 Sep 27 j 07:03	0°♑	
min. Earth dist.	-2162 Mar 20 j 11:16	11°♌02'55	0.29124 AU	desc. node	-2160 Oct 11 j 02:34	17°♑18'43	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2160 Oct 21 j 05:52	0°♌					-2157 Apr 22 j 13:20	0°♐			
	-2160 Nov 14 j 07:04	0°♏					-2157 May 19 j 00:21	0°♑			
	-2160 Dec 08 j 12:21	0°♐					-2157 Jun 13 j 14:26	0°♒			
	-2159 Jan 02 j 01:20	0°♑					-2157 Jul 08 j 13:49	0°♓			
	-2159 Jan 27 j 05:11	0°♒				asc. node	-2157 Jul 19 j 22:21	13°♓50'56			
asc. node	-2159 Feb 01 j 02:38	5°♒42'05					-2157 Aug 02 j 01:26	0°♈			
	-2159 Feb 22 j 14:22	0°♑					-2157 Aug 26 j 04:05	0°♉			
evening max el	-2159 Mar 19 j 22:27	26°♑15'02	45°17'46		greatest brilliancy	-2157 Sep 02 j 14:39	9°♉19'26	-3.9m			
	-2159 Mar 23 j 21:44	0°♒			morning set	-2157 Sep 10 j 11:41	19°♉13'11				
greatest brilliancy	-2159 Apr 23 j 04:49	22°♒15'41	-4.5m			-2157 Sep 19 j 01:10	0°♊				
retrograde	-2159 May 07 j 05:32	25°♒40'08				-2157 Oct 12 j 20:05	0°♋				
evening set	-2159 May 22 j 04:34	21°♒24'21									
desc. node	-2159 May 23 j 18:51	20°♒31'07			superior conj	-2157 Oct 20 j 07:10	9°♋24'43	0°43'26			
inferior conj	-2159 May 28 j 15:53	17°♒33'58	-1°-7'-59		minimum elong	-2157 Oct 20 j 17:09	9°♋56'10	0°42'59			
minimum elong	-2159 May 28 j 13:23	17°♒37'51	1°07'14		max. Earth dist.	-2157 Oct 21 j 13:25	11°♋00'04	1.70931 AU			
min. Earth dist.	-2159 May 29 j 01:19	17°♒19'17	0.28840 AU			-2157 Nov 05 j 15:25	0°♌				
morning rise	-2159 Jun 03 j 21:47	13°♒49'46			desc. node	-2157 Nov 08 j 14:30	3°♌43'37				
direct	-2159 Jun 19 j 09:44	9°♒16'38				-2157 Nov 29 j 12:35	0°♍				
greatest brilliancy	-2159 Jul 03 j 18:34	12°♒52'09	-4.5m		evening rise	-2157 Dec 01 j 12:44	2°♍30'49				
	-2159 Jul 28 j 01:57	0°♓				-2157 Dec 23 j 12:29	0°♎				
morning max el	-2159 Aug 07 j 20:10	10°♓02'18	46°14'33			-2156 Jan 16 j 16:21	0°♏				
	-2159 Aug 27 j 01:13	0°♈				-2156 Feb 10 j 02:25	0°♐				
asc. node	-2159 Sep 13 j 19:52	20°♈00'25			asc. node	-2156 Feb 29 j 14:40	23°♐38'07				
	-2159 Sep 22 j 09:26	0°♉				-2156 Mar 05 j 22:04	0°♑				
	-2159 Oct 17 j 08:20	0°♊				-2156 Mar 31 j 08:21	0°♒				
	-2159 Nov 10 j 16:27	0°♋				-2156 Apr 26 j 18:39	0°♓				
	-2159 Dec 04 j 19:23	0°♌				-2156 May 25 j 06:51	0°♈				
	-2159 Dec 28 j 22:01	0°♍			evening max el	-2156 May 29 j 22:35	4°♈30'52	45°30'10			
desc. node	-2158 Jan 03 j 12:16	6°♍57'05			desc. node	-2156 Jun 20 j 06:46	22°♈46'38				
	-2158 Jan 22 j 02:14	0°♎				-2156 Jul 01 j 20:43	0°♉				
morning set	-2158 Feb 12 j 04:44	26°♎06'30			greatest brilliancy	-2156 Jul 06 j 12:01	2°♉03'58	-4.5m			
	-2158 Feb 15 j 08:22	0°♏			retrograde	-2156 Jul 17 j 19:59	4°♉21'28				
	-2158 Mar 11 j 16:18	0°♐				-2156 Aug 01 j 23:22	30°♉♌				
					evening set	-2156 Aug 04 j 07:55	28°♉40'53				
superior conj	-2158 Mar 22 j 08:52	13°♐09'12	-1°-10'-6		inferior conj	-2156 Aug 07 j 21:49	26°♉32'24	-8°-34'-6			
minimum elong	-2158 Mar 22 j 17:28	13°♐35'37	1°09'54		minimum elong	-2156 Aug 07 j 16:43	26°♉40'10	8°33'42			
max. Earth dist.	-2158 Mar 23 j 19:52	14°♐56'45	1.73444 AU		min. Earth dist.	-2156 Aug 08 j 09:01	26°♉15'24	0.27791 AU			
	-2158 Apr 05 j 01:50	0°♑			morning rise	-2156 Aug 11 j 01:18	24°♉38'35				
asc. node	-2158 Apr 26 j 12:36	26°♑19'12			direct	-2156 Aug 29 j 00:25	18°♉34'05				
evening rise	-2158 Apr 28 j 04:18	28°♑20'53			greatest brilliancy	-2156 Sep 12 j 05:25	22°♉12'05	-4.6m			
	-2158 Apr 29 j 12:38	0°♒				-2156 Sep 24 j 16:50	0°♊				
greatest brilliancy	-2158 May 02 j 02:17	3°♒08'58	-3.9m		asc. node	-2156 Oct 11 j 07:26	14°♊23'02				
	-2158 May 24 j 00:24	0°♓			morning max el	-2156 Oct 18 j 16:33	21°♊41'54	46°50'39			
	-2158 Jun 17 j 13:14	0°♈				-2156 Oct 26 j 14:57	0°♋				
	-2158 Jul 12 j 04:13	0°♉				-2156 Nov 22 j 06:59	0°♋				
	-2158 Aug 05 j 23:35	0°♊				-2156 Dec 17 j 13:54	0°♌				
desc. node	-2158 Aug 16 j 04:32	12°♊14'22				-2155 Jan 11 j 09:38	0°♍				
	-2158 Aug 31 j 02:59	0°♋			desc. node	-2155 Jan 31 j 00:12	23°♍49'43				
	-2158 Sep 25 j 21:44	0°♌				-2155 Feb 05 j 01:54	0°♎				
	-2158 Oct 23 j 05:12	0°♍				-2155 Mar 01 j 17:09	0°♏				
evening max el	-2158 Oct 26 j 13:25	3°♍26'54	47°29'18			-2155 Mar 26 j 07:44	0°♐				
	-2158 Nov 26 j 00:25	0°♎				-2155 Apr 19 j 21:19	0°♑				
greatest brilliancy	-2158 Dec 03 j 09:29	4°♎09'39	-4.7m		morning set	-2155 Apr 22 j 18:10	3°♑30'33				
asc. node	-2158 Dec 07 j 04:51	5°♎43'45				-2155 May 14 j 09:09	0°♒				
retrograde	-2158 Dec 16 j 15:45	7°♎27'38			asc. node	-2155 May 24 j 00:37	11°♒50'46				
evening set	-2157 Jan 01 j 11:40	2°♎26'33			max. Earth dist.	-2155 May 26 j 03:14	14°♒26'21	1.73526 AU			
	-2157 Jan 05 j 11:30	30°♒♏									
min. Earth dist.	-2157 Jan 05 j 11:17	0°♎00'21	0.27505 AU		superior conj	-2155 May 28 j 20:00	17°♒45'34	0°11'19			
inferior conj	-2157 Jan 06 j 13:16	29°♏19'19	6°38'59		minimum elong	-2155 May 28 j 17:45	17°♒38'40	0°11'15			
minimum elong	-2157 Jan 06 j 03:47	29°♏34'17	6°37'06		behind sun begin	-2155 May 28 j 02:01	16°♒50'14				
morning rise	-2157 Jan 10 j 20:30	26°♏40'14			behind sun end	-2155 May 29 j 09:30	18°♒27'06				
direct	-2157 Jan 27 j 05:00	21°♏26'03				-2155 Jun 07 j 18:31	0°♓				
greatest brilliancy	-2157 Feb 06 j 17:35	23°♏28'38	-4.6m			-2155 Jul 02 j 01:14	0°♈				
	-2157 Feb 19 j 01:14	0°♎			evening rise	-2155 Jul 03 j 11:46	1°♈46'53				
morning max el	-2157 Mar 17 j 07:14	21°♎59'55	46°02'41			-2155 Jul 26 j 06:04	0°♉				
	-2157 Mar 25 j 09:35	0°♏				-2155 Aug 19 j 10:33	0°♊				
desc. node	-2157 Mar 28 j 21:31	3°♏33'49			desc. node	-2155 Sep 12 j 16:32	0°♋00'21				

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:42, page 50

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2155 Sep 12 j 16:25	0°♌			-2152 May 29 j 02:35	0°♏		
	-2155 Oct 07 j 01:31	0°♍		asc. node	-2152 Jun 20 j 12:37	27°♏25'35		
	-2155 Oct 31 j 16:39	0°♎			-2152 Jun 22 j 14:49	0°♐		
	-2155 Nov 25 j 20:22	0°♏		morning set	-2152 Jun 28 j 19:19	7°♐37'29		
	-2155 Dec 22 j 06:03	0°♐			-2152 Jul 16 j 21:00	0°♑		
asc. node	-2154 Jan 03 j 16:52	13°♐09'34		max. Earth dist.	-2152 Jul 31 j 07:58	18°♑00'34	1.72084 AU	
evening max el	-2154 Jan 05 j 15:04	15°♐06'32	46°26'57					
	-2154 Jan 21 j 12:49	0°♑		superior conj	-2152 Aug 04 j 12:11	23°♑13'27	1°20'23	
greatest brilliancy	-2154 Feb 09 j 18:18	13°♑22'40	-4.6m	minimum elong	-2152 Aug 04 j 06:52	22°♑56'51	1°20'20	
retrograde	-2154 Feb 24 j 15:31	17°♑20'40			-2152 Aug 09 j 22:15	0°♒		
evening set	-2154 Mar 13 j 22:40	11°♑31'49			-2152 Sep 02 j 20:39	0°♓		
inferior conj	-2154 Mar 18 j 00:21	8°♑59'09	7°17'48	evening rise	-2152 Sep 11 j 13:42	10°♓55'48		
minimum elong	-2154 Mar 18 j 08:17	8°♑46'34	7°16'41		-2152 Sep 26 j 18:28	0°♑		
min. Earth dist.	-2154 Mar 18 j 02:36	8°♑55'35	0.29107 AU	desc. node	-2152 Oct 10 j 04:36	16°♑49'02		
morning rise	-2154 Mar 22 j 18:04	6°♑02'51			-2152 Oct 20 j 17:28	0°♒		
direct	-2154 Apr 08 j 13:08	0°♑37'28			-2152 Nov 13 j 18:53	0°♓		
greatest brilliancy	-2154 Apr 21 j 03:42	3°♑26'21	-4.5m		-2152 Dec 08 j 00:29	0°♏		
desc. node	-2154 Apr 25 j 09:06	5°♑26'24			-2151 Jan 01 j 14:01	0°♐		
	-2154 May 26 j 22:37	0°♑			-2151 Jan 26 j 18:59	0°♑		
morning max el	-2154 May 27 j 09:52	0°♑26'45	45°47'17	asc. node	-2151 Jan 31 j 04:39	5°♑07'05		
	-2154 Jun 25 j 01:11	0°♒			-2151 Feb 22 j 06:45	0°♑		
	-2154 Jul 21 j 14:04	0°♒		evening max el	-2151 Mar 17 j 13:21	24°♑01'32	45°18'57	
	-2154 Aug 15 j 20:59	0°♑			-2151 Mar 23 j 22:35	0°♒		
asc. node	-2154 Aug 16 j 10:12	0°♑39'54		greatest brilliancy	-2151 Apr 20 j 19:52	20°♒05'22	-4.5m	
	-2154 Sep 09 j 09:34	0°♒		retrograde	-2151 May 04 j 21:11	23°♒31'21		
	-2154 Oct 03 j 11:15	0°♓		evening set	-2151 May 19 j 21:07	19°♒14'45		
	-2154 Oct 27 j 07:53	0°♑		desc. node	-2151 May 22 j 20:59	17°♒32'23		
	-2154 Nov 20 j 03:43	0°♒		inferior conj	-2151 May 26 j 08:11	15°♒24'44	0°-48'-21	
morning set	-2154 Nov 25 j 07:21	6°♒28'35		minimum elong	-2151 May 26 j 06:24	15°♒27'30	0°47'49	
desc. node	-2154 Dec 06 j 02:26	20°♒02'02		min. Earth dist.	-2151 May 26 j 18:13	15°♒09'06	0.28865 AU	
	-2154 Dec 14 j 01:09	0°♓		morning rise	-2151 Jun 01 j 15:11	11°♒38'34		
				direct	-2151 Jun 17 j 01:40	7°♒06'50		
superior conj	-2153 Jan 06 j 08:42	29°♓08'57	-1°-4'-34	greatest brilliancy	-2151 Jul 01 j 10:27	10°♒41'23	-4.5m	
minimum elong	-2153 Jan 05 j 21:25	28°♓33'45	1°04'17		-2151 Jul 28 j 05:04	0°♒		
	-2153 Jan 07 j 01:04	0°♏		morning max el	-2151 Aug 05 j 10:31	7°♒45'20	46°13'08	
max. Earth dist.	-2153 Jan 10 j 15:02	4°♏27'59	1.71933 AU		-2151 Aug 26 j 18:23	0°♑		
	-2153 Jan 31 j 03:50	0°♐		asc. node	-2151 Sep 12 j 21:55	19°♑22'54		
evening rise	-2153 Feb 15 j 09:08	18°♐51'02			-2151 Sep 21 j 23:45	0°♒		
	-2153 Feb 24 j 09:59	0°♑			-2151 Oct 16 j 21:25	0°♓		
	-2153 Mar 20 j 20:26	0°♑			-2151 Nov 10 j 04:53	0°♑		
asc. node	-2153 Mar 29 j 02:42	10°♑04'56			-2151 Dec 04 j 07:24	0°♒		
	-2153 Apr 14 j 12:13	0°♒			-2151 Dec 28 j 09:42	0°♓		
	-2153 May 09 j 10:38	0°♒		desc. node	-2150 Jan 02 j 14:27	6°♓27'44		
	-2153 Jun 03 j 18:09	0°♑			-2150 Jan 21 j 13:40	0°♏		
	-2153 Jun 29 j 16:22	0°♒		morning set	-2150 Feb 09 j 18:07	23°♏44'49		
desc. node	-2153 Jul 18 j 18:36	21°♒19'12			-2150 Feb 14 j 19:36	0°♐		
	-2153 Jul 26 j 19:48	0°♓			-2150 Mar 11 j 03:24	0°♑		
evening max el	-2153 Aug 12 j 11:35	17°♓05'59	46°49'28					
	-2153 Aug 26 j 10:03	0°♑		superior conj	-2150 Mar 20 j 01:34	10°♑58'55	-1°-11'-52	
greatest brilliancy	-2153 Sep 20 j 20:34	16°♑47'24	-4.7m	minimum elong	-2150 Mar 20 j 09:55	11°♑24'36	1°11'42	
retrograde	-2153 Oct 01 j 13:40	18°♑54'35		max. Earth dist.	-2150 Mar 21 j 14:21	12°♑52'03	1.73410 AU	
evening set	-2153 Oct 16 j 20:41	14°♑19'33			-2150 Apr 04 j 12:53	0°♑		
inferior conj	-2153 Oct 22 j 01:57	11°♑14'48	-4°-23'-58	evening rise	-2150 Apr 25 j 22:51	26°♑16'36		
minimum elong	-2153 Oct 22 j 10:57	11°♑01'07	4°21'26	asc. node	-2150 Apr 25 j 14:45	25°♑51'49		
min. Earth dist.	-2153 Oct 22 j 06:45	11°♑07'30	0.26389 AU		-2150 Apr 28 j 23:44	0°♒		
morning rise	-2153 Oct 28 j 01:11	7°♑46'24		greatest brilliancy	-2150 May 01 j 23:36	3°♒40'14	-3.9m	
asc. node	-2153 Nov 08 j 19:08	3°♑48'21			-2150 May 23 j 11:39	0°♒		
direct	-2153 Nov 11 j 10:18	3°♑39'47			-2150 Jun 17 j 00:48	0°♑		
greatest brilliancy	-2153 Nov 23 j 14:22	6°♑27'30	-4.7m		-2150 Jul 11 j 16:20	0°♒		
	-2153 Dec 25 j 00:01	0°♒			-2150 Aug 05 j 12:32	0°♓		
morning max el	-2153 Dec 31 j 21:40	6°♒47'19	46°43'12	desc. node	-2150 Aug 15 j 06:30	11°♓40'22		
	-2152 Jan 22 j 18:51	0°♓			-2150 Aug 30 j 17:14	0°♑		
	-2152 Feb 18 j 07:20	0°♏			-2150 Sep 25 j 14:17	0°♒		
desc. node	-2152 Feb 28 j 11:54	11°♏49'02			-2150 Oct 23 j 03:19	0°♓		
	-2152 Mar 15 j 00:27	0°♐		evening max el	-2150 Oct 24 j 03:07	1°♓00'54	47°29'51	
	-2152 Apr 09 j 07:42	0°♑			-2150 Nov 27 j 14:20	0°♏		
	-2152 May 04 j 08:10	0°♑		greatest brilliancy	-2150 Dec 01 j 02:05	1°♏47'40	-4.7m	

Planetary Phenomena of Venus from -2400 through -1900 (UT), Astrodienst AG 7-Dez-2017 14:42, page 51

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2150 Dec 06 j 07:05	3° $\overline{3}$ 48'57				-2147 May 13 j 20:03	0° $\overline{8}$	
retrograde	-2150 Dec 14 j 06:07	5° $\overline{3}$ 03'50			asc. node	-2147 May 23 j 02:48	11° $\overline{8}$ 23'54	
evening set	-2150 Dec 29 j 22:53	0° $\overline{3}$ 07'40			max. Earth dist.	-2147 May 24 j 02:25	12° $\overline{8}$ 36'31	1.73552 AU
	-2150 Dec 30 j 04:11	30° \overline{R} $\overline{7}$						
min. Earth dist.	-2149 Jan 03 j 01:40	27° $\overline{7}$ 37'22	0.27429 AU		superior conj	-2147 May 26 j 14:44	15° $\overline{8}$ 41'58	0°08'16
inferior conj	-2149 Jan 04 j 03:30	26° $\overline{7}$ 56'40	6°25'04		minimum elong	-2147 May 26 j 13:05	15° $\overline{8}$ 36'54	0°08'14
minimum elong	-2149 Jan 03 j 17:53	27° $\overline{7}$ 11'50	6°23'03		behind sun begin	-2147 May 25 j 17:58	14° $\overline{8}$ 38'04	
morning rise	-2149 Jan 08 j 13:26	24° $\overline{7}$ 13'55			behind sun end	-2147 May 27 j 08:13	16° $\overline{8}$ 35'45	
direct	-2149 Jan 24 j 17:53	19° $\overline{7}$ 04'24				-2147 Jun 07 j 05:26	0° \overline{II}	
greatest brilliancy	-2149 Feb 04 j 08:09	21° $\overline{7}$ 08'31	-4.6m		evening rise	-2147 Jul 01 j 06:27	29° \overline{II} 41'55	
	-2149 Feb 19 j 23:54	0° $\overline{3}$				-2147 Jul 01 j 12:17	0° $\overline{3}$	
morning max el	-2149 Mar 14 j 21:12	19° $\overline{3}$ 41'31	46°03'58			-2147 Jul 25 j 17:21	0° \overline{Q}	
	-2149 Mar 25 j 05:47	0° \approx				-2147 Aug 18 j 22:06	0° \overline{np}	
desc. node	-2149 Mar 27 j 23:39	2° \approx 49'22			desc. node	-2147 Sep 11 j 18:38	29° \overline{np} 30'04	
	-2149 Apr 22 j 04:38	0° \overline{H}				-2147 Sep 12 j 04:21	0° \overline{u}	
	-2149 May 18 j 13:38	0° \overline{Y}				-2147 Oct 06 j 13:58	0° \overline{m}	
	-2149 Jun 13 j 02:40	0° $\overline{8}$				-2147 Oct 31 j 05:55	0° $\overline{7}$	
	-2149 Jul 08 j 01:29	0° \overline{II}				-2147 Nov 25 j 11:05	0° $\overline{3}$	
asc. node	-2149 Jul 19 j 00:26	13° \overline{II} 22'04				-2147 Dec 22 j 00:07	0° \approx	
	-2149 Aug 01 j 12:47	0° $\overline{3}$			asc. node	-2146 Jan 02 j 18:52	12° \approx 20'57	
	-2149 Aug 25 j 15:19	0° \overline{Q}			evening max el	-2146 Jan 03 j 07:31	12° \approx 52'50	46°29'48
greatest brilliancy	-2149 Sep 03 j 05:21	10° \overline{Q} 45'39	-3.9m			-2146 Jan 21 j 20:40	0° \overline{H}	
morning set	-2149 Sep 08 j 01:30	16° \overline{Q} 50'26			greatest brilliancy	-2146 Feb 07 j 12:34	11° \overline{H} 14'06	-4.6m
	-2149 Sep 18 j 12:24	0° \overline{np}			retrograde	-2146 Feb 22 j 08:45	15° \overline{H} 10'29	
	-2149 Oct 12 j 07:23	0° \overline{u}			evening set	-2146 Mar 11 j 17:40	9° \overline{H} 18'18	
					inferior conj	-2146 Mar 15 j 17:02	6° \overline{H} 48'49	7°27'08
superior conj	-2149 Oct 17 j 17:29	6° \overline{u} 50'16	0°46'45		minimum elong	-2146 Mar 16 j 00:35	6° \overline{H} 36'50	7°26'09
minimum elong	-2149 Oct 18 j 03:53	7° \overline{u} 23'02	0°46'18		min. Earth dist.	-2146 Mar 15 j 17:55	6° \overline{H} 47'26	0.29085 AU
max. Earth dist.	-2149 Oct 18 j 19:44	8° \overline{u} 13'02	1.70939 AU		morning rise	-2146 Mar 20 j 07:44	3° \overline{H} 56'57	
	-2149 Nov 05 j 02:46	0° \overline{m}				-2146 Mar 28 j 11:44	30° \overline{R} \approx	
desc. node	-2149 Nov 07 j 16:41	3° \overline{m} 14'47			direct	-2146 Apr 06 j 05:57	28° \approx 27'51	
evening rise	-2149 Nov 28 j 21:57	29° \overline{m} 53'39				-2146 Apr 15 j 09:29	0° \overline{H}	
	-2149 Nov 28 j 23:59	0° $\overline{7}$			greatest brilliancy	-2146 Apr 18 j 16:32	1° \overline{H} 13'11	-4.5m
	-2149 Dec 22 j 23:56	0° $\overline{3}$			desc. node	-2146 Apr 24 j 11:17	4° \overline{H} 02'58	
	-2148 Jan 16 j 03:55	0° \approx			morning max el	-2146 May 25 j 02:10	28° \overline{H} 17'47	45°46'58
	-2148 Feb 09 j 14:13	0° \overline{H}				-2146 May 26 j 20:48	0° \overline{Y}	
asc. node	-2148 Feb 28 j 16:42	23° \overline{H} 07'42				-2146 Jun 24 j 16:50	0° $\overline{8}$	
	-2148 Mar 05 j 10:24	0° \overline{Y}				-2146 Jul 21 j 03:27	0° \overline{II}	
	-2148 Mar 30 j 21:46	0° $\overline{8}$				-2146 Aug 15 j 09:19	0° $\overline{3}$	
	-2148 Apr 26 j 10:23	0° \overline{II}			asc. node	-2146 Aug 15 j 12:12	0° $\overline{3}$ 08'43	
	-2148 May 25 j 04:52	0° $\overline{3}$				-2146 Sep 08 j 21:22	0° \overline{Q}	
evening max el	-2148 May 27 j 13:35	2° $\overline{3}$ 16'20	45°28'25			-2146 Oct 02 j 22:44	0° \overline{np}	
desc. node	-2148 Jun 19 j 08:56	21° $\overline{3}$ 33'51				-2146 Oct 26 j 19:12	0° \overline{u}	
greatest brilliancy	-2148 Jul 03 j 22:00	29° $\overline{3}$ 41'49	-4.5m			-2146 Nov 19 j 14:56	0° \overline{m}	
	-2148 Jul 04 j 17:22	0° \overline{Q}			morning set	-2146 Nov 22 j 17:28	3° \overline{m} 54'22	
retrograde	-2148 Jul 15 j 10:07	2° \overline{Q} 02'45			desc. node	-2146 Dec 05 j 04:35	19° \overline{m} 33'48	
	-2148 Jul 25 j 15:04	30° \overline{R} $\overline{3}$				-2146 Dec 13 j 12:17	0° $\overline{7}$	
evening set	-2148 Aug 01 j 18:22	26° $\overline{3}$ 26'30						
inferior conj	-2148 Aug 05 j 11:44	24° $\overline{3}$ 12'53	-8°-27'-44		superior conj	-2145 Jan 03 j 19:39	26° $\overline{7}$ 38'50	-1°-2'-2
minimum elong	-2148 Aug 05 j 05:54	24° $\overline{3}$ 21'45	8°27'13		minimum elong	-2145 Jan 03 j 08:13	26° $\overline{7}$ 03'11	1°01'44
min. Earth dist.	-2148 Aug 05 j 22:00	23° $\overline{3}$ 57'16	0.27839 AU			-2145 Jan 06 j 12:08	0° $\overline{3}$	
morning rise	-2148 Aug 08 j 17:13	22° $\overline{3}$ 16'10			max. Earth dist.	-2145 Jan 08 j 06:04	2° $\overline{3}$ 10'46	1.71879 AU
direct	-2148 Aug 26 j 15:36	16° $\overline{3}$ 13'53				-2145 Jan 30 j 14:50	0° \approx	
greatest brilliancy	-2148 Sep 09 j 20:59	19° $\overline{3}$ 52'53	-4.6m		evening rise	-2145 Feb 12 j 23:04	16° \approx 31'43	
	-2148 Sep 25 j 08:25	0° \overline{Q}				-2145 Feb 23 j 21:00	0° \overline{H}	
asc. node	-2148 Oct 10 j 09:37	13° \overline{Q} 26'54				-2145 Mar 20 j 07:34	0° \overline{Y}	
morning max el	-2148 Oct 16 j 07:33	19° \overline{Q} 20'31	46°49'54		asc. node	-2145 Mar 28 j 04:51	9° \overline{Y} 37'19	
	-2148 Oct 26 j 10:41	0° \overline{np}				-2145 Apr 13 j 23:40	0° $\overline{8}$	
	-2148 Nov 21 j 22:31	0° \overline{u}				-2145 May 08 j 22:40	0° \overline{II}	
	-2148 Dec 17 j 03:38	0° \overline{m}				-2145 Jun 03 j 07:11	0° $\overline{3}$	
	-2147 Jan 10 j 22:23	0° $\overline{7}$				-2145 Jun 29 j 07:17	0° \overline{Q}	
desc. node	-2147 Jan 30 j 02:11	23° $\overline{7}$ 18'32			desc. node	-2145 Jul 17 j 20:35	20° \overline{Q} 37'20	
	-2147 Feb 04 j 14:01	0° $\overline{3}$				-2145 Jul 26 j 14:49	0° \overline{np}	
	-2147 Mar 01 j 04:47	0° \approx			evening max el	-2145 Aug 10 j 00:31	14° \overline{np} 41'25	46°46'29
	-2147 Mar 25 j 19:01	0° \overline{H}				-2145 Aug 26 j 20:06	0° \overline{u}	
	-2147 Apr 19 j 08:21	0° \overline{Y}			greatest brilliancy	-2145 Sep 18 j 10:59	14° \overline{u} 20'23	-4.7m
morning set	-2147 Apr 20 j 12:29	1° \overline{Y} 26'03			retrograde	-2145 Sep 29 j 01:04	16° \overline{u} 24'30	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2145 Oct 14 j 11:39	11° 4 46'04				-2142 Apr 03 j 23:33	0° Y	
inferior conj	-2145 Oct 19 j 13:58	8° 4 45'22	-4°-45'-9		evening rise	-2142 Apr 23 j 17:36	24° Y 14'14	
minimum elong	-2145 Oct 19 j 23:28	8° 4 30'55	4°42'34		asc. node	-2142 Apr 24 j 16:56	25° Y 25'43	
min. Earth dist.	-2145 Oct 19 j 20:15	8° 4 35'49	0.26407 AU			-2142 Apr 28 j 10:27	0° 8	
morning rise	-2145 Oct 25 j 11:10	5° 4 19'20			greatest brilliancy	-2142 May 02 j 12:29	5° 8 00'20	-3.9m
asc. node	-2145 Nov 07 j 21:18	1° 4 11'30				-2142 May 22 j 22:33	0° II	
direct	-2145 Nov 08 j 22:20	1° 4 10'10				-2142 Jun 16 j 12:04	0° 8	
greatest brilliancy	-2145 Nov 21 j 04:34	3° 4 59'34	-4.7m			-2142 Jul 11 j 04:09	0° 8	
	-2145 Dec 25 j 01:43	0° III				-2142 Aug 05 j 01:11	0° III	
morning max el	-2145 Dec 29 j 09:42	4° III 18'29	46°44'23		desc. node	-2142 Aug 14 j 08:38	11° III 07'46	
	-2144 Jan 22 j 12:03	0° 8				-2142 Aug 30 j 07:12	0° 4	
	-2144 Feb 17 j 21:33	0° 8				-2142 Sep 25 j 06:41	0° III	
desc. node	-2144 Feb 27 j 14:04	11° 8 15'52			evening max el	-2142 Oct 21 j 17:17	28° III 37'25	47°30'18
	-2144 Mar 14 j 13:10	0° 8				-2142 Oct 23 j 01:49	0° 8	
	-2144 Apr 08 j 19:33	0° 8			greatest brilliancy	-2142 Nov 28 j 17:52	29° 8 25'33	-4.7m
	-2144 May 03 j 19:30	0° Y				-2142 Nov 30 j 00:41	0° 8	
	-2144 May 28 j 13:36	0° 8			asc. node	-2142 Dec 05 j 09:08	1° 8 50'20	
asc. node	-2144 Jun 19 j 14:39	26° 8 58'29			retrograde	-2142 Dec 11 j 20:51	2° 8 40'51	
	-2144 Jun 22 j 01:40	0° II				-2142 Dec 23 j 05:26	30° R 8	
morning set	-2144 Jun 26 j 13:07	5° II 31'01			evening set	-2142 Dec 27 j 10:06	27° 8 49'11	
	-2144 Jul 16 j 07:47	0° 8			min. Earth dist.	-2142 Dec 31 j 15:43	25° 8 15'15	0.27357 AU
max. Earth dist.	-2144 Jul 28 j 23:35	15° 8 45'47	1.72148 AU		inferior conj	-2141 Jan 01 j 17:38	24° 8 34'35	6°10'19
					minimum elong	-2141 Jan 01 j 07:56	24° 8 49'49	6°08'11
superior conj	-2144 Aug 02 j 04:42	21° 8 01'20	1°19'18		morning rise	-2141 Jan 06 j 06:21	21° 8 48'14	
minimum elong	-2144 Aug 01 j 22:49	20° 8 43'00	1°19'16		direct	-2141 Jan 22 j 07:04	16° 8 43'15	
	-2144 Aug 09 j 09:06	0° 8			greatest brilliancy	-2141 Feb 01 j 22:10	18° 8 48'35	-4.6m
	-2144 Sep 02 j 07:38	0° III				-2141 Feb 20 j 16:16	0° 8	
evening rise	-2144 Sep 09 j 02:31	8° III 30'46			morning max el	-2141 Mar 12 j 12:04	17° 8 26'21	46°05'23
	-2144 Sep 26 j 05:39	0° 4				-2141 Mar 25 j 00:58	0° 8	
desc. node	-2144 Oct 09 j 06:47	16° 4 20'34			desc. node	-2141 Mar 27 j 01:47	2° 8 06'39	
	-2144 Oct 20 j 04:51	0° III				-2141 Apr 21 j 19:17	0° 8	
	-2144 Nov 13 j 06:28	0° 8				-2141 May 18 j 02:24	0° Y	
	-2144 Dec 07 j 12:22	0° 8				-2141 Jun 12 j 14:28	0° 8	
	-2143 Jan 01 j 02:27	0° 8				-2141 Jul 07 j 12:45	0° II	
	-2143 Jan 26 j 08:32	0° 8			asc. node	-2141 Jul 18 j 02:29	12° II 54'09	
asc. node	-2143 Jan 30 j 06:44	4° 8 33'08				-2141 Jul 31 j 23:49	0° 8	
	-2143 Feb 21 j 23:01	0° Y				-2141 Aug 25 j 02:15	0° 8	
evening max el	-2143 Mar 15 j 03:50	21° Y 48'09	45°20'09		greatest brilliancy	-2141 Sep 03 j 21:42	12° 8 18'05	-3.9m
	-2143 Mar 24 j 00:18	0° 8			morning set	-2141 Sep 05 j 15:22	14° 8 28'56	
greatest brilliancy	-2143 Apr 18 j 09:54	17° 8 54'48	-4.5m			-2141 Sep 17 j 23:19	0° III	
retrograde	-2143 May 02 j 13:15	21° 8 23'52				-2141 Oct 11 j 18:19	0° 4	
evening set	-2143 May 17 j 13:53	17° 8 05'54						
desc. node	-2143 May 21 j 23:07	14° 8 33'07			superior conj	-2141 Oct 15 j 03:50	4° 4 17'00	0°49'57
inferior conj	-2143 May 24 j 00:34	13° 8 16'35	0°-28'-45		minimum elong	-2141 Oct 15 j 14:32	4° 4 50'46	0°49'31
minimum elong	-2143 May 23 j 23:31	13° 8 18'14	0°28'26		max. Earth dist.	-2141 Oct 16 j 04:10	5° 4 33'46	1.70945 AU
min. Earth dist.	-2143 May 24 j 11:10	13° 8 00'06	0.28892 AU			-2141 Nov 04 j 13:45	0° III	
morning rise	-2143 May 30 j 08:34	9° 8 28'53			desc. node	-2141 Nov 06 j 18:45	2° III 46'42	
direct	-2143 Jun 14 j 17:35	4° 8 57'59			evening rise	-2141 Nov 26 j 07:06	27° III 17'17	
greatest brilliancy	-2143 Jun 29 j 03:30	8° 8 33'09	-4.5m			-2141 Nov 28 j 11:02	0° 8	
	-2143 Jul 28 j 06:21	0° II				-2141 Dec 22 j 11:04	0° 8	
morning max el	-2143 Aug 03 j 01:47	5° II 31'42	46°11'49			-2140 Jan 15 j 15:12	0° 8	
	-2143 Aug 26 j 10:51	0° 8				-2140 Feb 09 j 01:45	0° 8	
asc. node	-2143 Sep 12 j 00:09	18° 8 47'15			asc. node	-2140 Feb 27 j 18:55	22° 8 38'42	
	-2143 Sep 21 j 13:34	0° 8				-2140 Mar 04 j 22:27	0° Y	
	-2143 Oct 16 j 10:03	0° III				-2140 Mar 30 j 10:54	0° 8	
	-2143 Nov 09 j 16:55	0° 4				-2140 Apr 26 j 01:55	0° II	
	-2143 Dec 03 j 19:03	0° III			evening max el	-2140 May 25 j 05:02	0° 8 04'11	45°26'39
	-2143 Dec 27 j 21:03	0° 8				-2140 May 25 j 03:17	0° 8	
desc. node	-2142 Jan 01 j 16:24	5° 8 58'41			desc. node	-2140 Jun 18 j 10:52	20° 8 19'35	
	-2142 Jan 21 j 00:44	0° 8			greatest brilliancy	-2140 Jul 01 j 08:47	27° 8 21'53	-4.5m
morning set	-2142 Feb 07 j 07:34	21° 8 24'15			retrograde	-2140 Jul 13 j 00:04	29° 8 45'06	
	-2142 Feb 14 j 06:27	0° 8			evening set	-2140 Jul 30 j 04:45	24° 8 13'43	
	-2142 Mar 10 j 14:07	0° 8			inferior conj	-2140 Aug 03 j 01:42	21° 8 54'34	-8°-20'-35
					minimum elong	-2140 Aug 02 j 19:09	22° 8 04'32	8°19'55
superior conj	-2142 Mar 17 j 18:27	8° 8 50'25	-1°-13'-32		min. Earth dist.	-2140 Aug 03 j 11:07	21° 8 40'13	0.27888 AU
minimum elong	-2142 Mar 18 j 02:31	9° 8 15'13	1°13'23		morning rise	-2140 Aug 06 j 09:23	19° 8 54'27	
max. Earth dist.	-2142 Mar 19 j 08:50	10° 8 48'29	1.73374 AU		direct	-2140 Aug 24 j 06:52	13° 8 54'59	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2140 Sep 07 j 11:38	17° ☿ 33'23	-4.6m	evening rise	-2137 Feb 10 j 12:30	14° \approx 10'50	
	-2140 Sep 25 j 19:45	0° Ω			-2137 Feb 23 j 07:59	0° ✶	
asc. node	-2140 Oct 09 j 11:44	12° Ω 32'21			-2137 Mar 19 j 18:43	0° Υ	
morning max el	-2140 Oct 13 j 22:09	16° Ω 58'56	46°49'02	asc. node	-2137 Mar 27 j 06:59	9° Υ 09'41	
	-2140 Oct 26 j 05:37	0° ☿			-2137 Apr 13 j 11:08	0° ♄	
	-2140 Nov 21 j 13:34	0° ♁			-2137 May 08 j 10:44	0° ♂	
	-2140 Dec 16 j 16:59	0° ♁			-2137 Jun 02 j 20:17	0° ☿	
	-2139 Jan 10 j 10:46	0° ♄			-2137 Jun 28 j 22:20	0° Ω	
desc. node	-2139 Jan 29 j 04:19	22° ♄ 48'46		desc. node	-2137 Jul 16 j 22:46	19° Ω 55'45	
	-2139 Feb 04 j 01:47	0° ☿			-2137 Jul 26 j 10:15	0° ☿	
	-2139 Feb 28 j 16:07	0° \approx		evening max el	-2137 Aug 07 j 12:30	12° ☿ 15'03	46°43'33
	-2139 Mar 25 j 06:01	0° ✶			-2137 Aug 27 j 09:18	0° ♁	
morning set	-2139 Apr 18 j 06:52	29° ✶ 22'33		greatest brilliancy	-2137 Sep 16 j 01:15	11° ♁ 53'40	-4.6m
	-2139 Apr 18 j 19:07	0° Υ		retrograde	-2137 Sep 26 j 12:15	13° ♁ 55'05	
	-2139 May 13 j 06:42	0° ♄		evening set	-2137 Oct 12 j 02:43	9° ♁ 12'40	
max. Earth dist.	-2139 May 22 j 00:48	10° ♄ 45'03	1.73572 AU	inferior conj	-2137 Oct 17 j 02:04	6° ♁ 16'21	-5°-5'-40
asc. node	-2139 May 22 j 04:50	10° ♄ 57'28		minimum elong	-2137 Oct 17 j 11:58	6° ♁ 01'17	5°03'03
				min. Earth dist.	-2137 Oct 17 j 09:54	6° ♁ 04'25	0.26434 AU
superior conj	-2139 May 24 j 09:39	13° ♄ 39'46	0°05'13	morning rise	-2137 Oct 22 j 21:00	2° ♁ 53'04	
minimum elong	-2139 May 24 j 08:37	13° ♄ 36'35	0°05'12		-2137 Oct 29 j 09:37	30° ♁	
behind sun begin	-2139 May 23 j 11:31	12° ♄ 31'44		direct	-2137 Nov 06 j 10:12	28° ☿ 40'29	
behind sun end	-2139 May 25 j 05:42	14° ♄ 41'27		asc. node	-2137 Nov 06 j 23:22	28° ☿ 40'51	
	-2139 Jun 06 j 16:05	0° ♂			-2137 Nov 14 j 17:03	0° ♁	
evening rise	-2139 Jun 29 j 01:20	27° ♂ 38'30		greatest brilliancy	-2137 Nov 18 j 19:50	1° ♁ 32'54	-4.7m
	-2139 Jun 30 j 23:05	0° ☿			-2137 Dec 25 j 02:18	0° ♁	
	-2139 Jul 25 j 04:22	0° Ω		morning max el	-2137 Dec 26 j 21:59	1° ♁ 49'40	46°45'25
	-2139 Aug 18 j 09:27	0° ☿			-2136 Jan 22 j 05:04	0° ♄	
desc. node	-2139 Sep 10 j 20:48	29° ☿ 00'26			-2136 Feb 17 j 11:46	0° ☿	
	-2139 Sep 11 j 16:08	0° ♁		desc. node	-2136 Feb 26 j 16:15	10° ☿ 42'27	
	-2139 Oct 06 j 02:21	0° ♁			-2136 Mar 14 j 01:57	0° \approx	
	-2139 Oct 30 j 19:08	0° ♄			-2136 Apr 08 j 07:29	0° ✶	
	-2139 Nov 25 j 01:50	0° ☿			-2136 May 03 j 06:54	0° Υ	
	-2139 Dec 21 j 18:27	0° \approx			-2136 May 28 j 00:42	0° ♄	
evening max el	-2139 Dec 31 j 23:14	10° \approx 37'31	46°32'39	asc. node	-2136 Jun 18 j 16:44	26° ♄ 31'13	
asc. node	-2138 Jan 01 j 20:57	11° \approx 32'05			-2136 Jun 21 j 12:37	0° ♂	
	-2138 Jan 22 j 07:12	0° ✶		morning set	-2136 Jun 24 j 06:57	3° ♂ 24'19	
greatest brilliancy	-2138 Feb 05 j 07:17	9° ✶ 06'11	-4.6m		-2136 Jul 15 j 18:42	0° ☿	
retrograde	-2138 Feb 20 j 01:28	13° ✶ 00'11		max. Earth dist.	-2136 Jul 26 j 16:43	13° ☿ 35'28	1.72206 AU
evening set	-2138 Mar 09 j 12:27	7° ✶ 04'58					
inferior conj	-2138 Mar 13 j 09:36	4° ✶ 38'31	7°35'59	superior conj	-2136 Jul 30 j 21:26	18° ☿ 49'38	1°18'08
minimum elong	-2138 Mar 13 j 16:42	4° ✶ 27'12	7°35'07	minimum elong	-2136 Jul 30 j 15:03	18° ☿ 29'44	1°18'04
min. Earth dist.	-2138 Mar 13 j 09:20	4° ✶ 38'57	0.29059 AU		-2136 Aug 08 j 20:02	0° Ω	
morning rise	-2138 Mar 17 j 21:12	1° ✶ 50'58			-2136 Sep 01 j 18:42	0° ☿	
	-2138 Mar 21 j 04:44	30° ♁		evening rise	-2136 Sep 06 j 15:49	6° ☿ 07'11	
direct	-2138 Apr 03 j 22:21	26° \approx 18'16			-2136 Sep 25 j 16:53	0° ♁	
greatest brilliancy	-2138 Apr 16 j 05:13	28° \approx 59'49	-4.5m	desc. node	-2136 Oct 08 j 08:49	15° ♁ 51'30	
	-2138 Apr 18 j 11:31	0° ✶			-2136 Oct 19 j 16:18	0° ♁	
desc. node	-2138 Apr 23 j 13:22	2° ✶ 42'07			-2136 Nov 12 j 18:11	0° ♄	
morning max el	-2138 May 22 j 17:37	26° ✶ 07'00	45°46'51		-2136 Dec 07 j 00:27	0° ☿	
	-2138 May 26 j 18:03	0° Υ			-2136 Dec 31 j 15:09	0° \approx	
	-2138 Jun 24 j 08:07	0° ♄			-2135 Jan 25 j 22:30	0° ✶	
	-2138 Jul 20 j 16:34	0° ♂		asc. node	-2135 Jan 29 j 08:57	3° ✶ 58'32	
asc. node	-2138 Aug 14 j 14:28	29° ♂ 38'55			-2135 Feb 21 j 15:55	0° Υ	
	-2138 Aug 14 j 21:26	0° ☿		evening max el	-2135 Mar 12 j 18:38	19° Υ 34'42	45°21'36
	-2138 Sep 08 j 08:59	0° Ω			-2135 Mar 24 j 03:58	0° ♄	
	-2138 Oct 02 j 10:07	0° ☿		greatest brilliancy	-2135 Apr 15 j 23:05	15° ♄ 42'19	-4.5m
	-2138 Oct 26 j 06:27	0° ♁		retrograde	-2135 Apr 30 j 05:37	19° ♄ 15'20	
	-2138 Nov 19 j 02:07	0° ♁		evening set	-2135 May 15 j 06:41	14° ♄ 55'42	
morning set	-2138 Nov 20 j 03:08	1° ♁ 18'43		desc. node	-2135 May 21 j 01:07	11° ♄ 31'33	
desc. node	-2138 Dec 04 j 06:36	19° ♁ 05'09		inferior conj	-2135 May 21 j 16:48	11° ♄ 07'11	0°-9'-6
	-2138 Dec 12 j 23:24	0° ♄		minimum elong	-2135 May 21 j 16:28	11° ♄ 07'42	0°08'58
				transit middle	-2135 May 21 j 16:28	11° ♄ 07'42	0°08'58
superior conj	-2137 Jan 01 j 06:01	24° ♄ 06'57	0°-59'-21	transit begin	-2135 May 21 j 13:04	11° ♄ 12'59	
minimum elong	-2138 Dec 31 j 18:32	23° ♄ 31'05	0°59'00	transit end	-2135 May 21 j 19:51	11° ♄ 02'26	
	-2137 Jan 05 j 23:10	0° ☿		min. Earth dist.	-2135 May 22 j 03:40	10° ♄ 50'17	0.28920 AU
max. Earth dist.	-2137 Jan 05 j 19:13	29° ♄ 47'41	1.71821 AU	morning rise	-2135 May 28 j 01:42	7° ♄ 18'21	
	-2137 Jan 30 j 01:48	0° \approx		direct	-2135 Jun 12 j 09:44	2° ♄ 47'52	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2135 Jun 26 j 20:39	6°♄24'14	-4.5m		-2133 Dec 21 j 22:28	0°♄	
	-2135 Jul 28 j 06:45	0°♄			-2132 Jan 15 j 02:43	0°♄	
morning max el	-2135 Jul 31 j 17:59	3°♄19'45	46°10'36		-2132 Feb 08 j 13:33	0°♄	
	-2135 Aug 26 j 03:18	0°♄		asc. node	-2132 Feb 26 j 20:58	22°♄08'16	
asc. node	-2135 Sep 11 j 02:12	18°♄10'37			-2132 Mar 04 j 10:49	0°♄	
	-2135 Sep 21 j 03:29	0°♄			-2132 Mar 30 j 00:28	0°♄	
	-2135 Oct 15 j 22:49	0°♄			-2132 Apr 25 j 18:08	0°♄	
	-2135 Nov 09 j 05:03	0°♄		evening max el	-2132 May 22 j 20:24	27°♄50'43	45°24'56
	-2135 Dec 03 j 06:48	0°♄			-2132 May 25 j 03:10	0°♄	
	-2135 Dec 27 j 08:33	0°♄		desc. node	-2132 Jun 17 j 13:05	19°♄02'21	
desc. node	-2135 Dec 31 j 18:33	5°♄29'45		greatest brilliancy	-2132 Jun 28 j 20:40	25°♄02'17	-4.5m
	-2134 Jan 20 j 12:01	0°♄		retrograde	-2132 Jul 10 j 13:33	27°♄26'36	
morning set	-2134 Feb 04 j 20:36	19°♄01'27		evening set	-2132 Jul 27 j 15:07	22°♄00'29	
	-2134 Feb 13 j 17:35	0°♄		inferior conj	-2132 Jul 31 j 15:45	19°♄35'41	-8°-12'-41
	-2134 Mar 10 j 01:08	0°♄		minimum elong	-2132 Jul 31 j 08:34	19°♄46'39	8°11'52
				min. Earth dist.	-2132 Aug 01 j 00:42	19°♄22'00	0.27934 AU
superior conj	-2134 Mar 15 j 10:49	6°♄39'17	-1°-15'-6	morning rise	-2132 Aug 04 j 01:49	17°♄31'46	
minimum elong	-2134 Mar 15 j 18:32	7°♄03'01	1°14'58	direct	-2132 Aug 21 j 21:51	11°♄35'29	
max. Earth dist.	-2134 Mar 17 j 02:45	8°♄42'11	1.73339 AU	greatest brilliancy	-2132 Sep 05 j 01:46	15°♄12'22	-4.6m
	-2134 Apr 03 j 10:31	0°♄			-2132 Sep 26 j 04:33	0°♄	
evening rise	-2134 Apr 21 j 11:53	22°♄09'31		asc. node	-2132 Oct 08 j 13:49	11°♄37'46	
asc. node	-2134 Apr 23 j 18:55	24°♄58'07		morning max el	-2132 Oct 11 j 11:51	14°♄34'07	46°48'05
	-2134 Apr 27 j 21:28	0°♄			-2132 Oct 26 j 00:26	0°♄	
greatest brilliancy	-2134 May 03 j 09:04	6°♄42'59	-3.9m		-2132 Nov 21 j 04:46	0°♄	
	-2134 May 22 j 09:46	0°♄			-2132 Dec 16 j 06:32	0°♄	
	-2134 Jun 15 j 23:39	0°♄			-2131 Jan 09 j 23:23	0°♄	
	-2134 Jul 10 j 16:20	0°♄		desc. node	-2131 Jan 28 j 06:29	22°♄18'24	
	-2134 Aug 04 j 14:15	0°♄			-2131 Feb 03 j 13:46	0°♄	
desc. node	-2134 Aug 13 j 10:47	10°♄34'04			-2131 Feb 28 j 03:38	0°♄	
	-2134 Aug 29 j 21:38	0°♄			-2131 Mar 24 j 17:14	0°♄	
	-2134 Sep 24 j 23:38	0°♄		morning set	-2131 Apr 16 j 01:23	27°♄18'43	
evening max el	-2134 Oct 19 j 08:27	26°♄15'58	47°30'49		-2131 Apr 18 j 06:07	0°♄	
	-2134 Oct 23 j 01:30	0°♄			-2131 May 12 j 17:38	0°♄	
greatest brilliancy	-2134 Nov 26 j 09:20	27°♄02'41	-4.7m	max. Earth dist.	-2131 May 19 j 21:33	8°♄47'44	1.73595 AU
asc. node	-2134 Dec 04 j 11:11	29°♄46'35		asc. node	-2131 May 21 j 06:57	10°♄30'22	
	-2134 Dec 05 j 17:42	0°♄					
retrograde	-2134 Dec 09 j 12:03	0°♄17'22		superior conj	-2131 May 22 j 04:38	11°♄36'59	0°02'09
	-2134 Dec 13 j 04:51	30°♄		minimum elong	-2131 May 22 j 04:11	11°♄35'36	0°02'10
evening set	-2134 Dec 24 j 21:32	25°♄30'01		behind sun begin	-2131 May 21 j 06:13	10°♄28'05	
min. Earth dist.	-2134 Dec 29 j 05:34	22°♄52'53	0.27285 AU	behind sun end	-2131 May 23 j 02:09	12°♄43'08	
inferior conj	-2134 Dec 30 j 07:46	22°♄11'53	5°54'52		-2131 Jun 06 j 03:03	0°♄	
minimum elong	-2134 Dec 29 j 22:05	22°♄27'02	5°52'38	evening rise	-2131 Jun 26 j 20:10	25°♄34'03	
morning rise	-2133 Jan 03 j 23:18	19°♄22'01			-2131 Jun 30 j 10:11	0°♄	
direct	-2133 Jan 19 j 20:49	14°♄21'40			-2131 Jul 24 j 15:42	0°♄	
greatest brilliancy	-2133 Jan 30 j 11:18	16°♄27'06	-4.6m		-2131 Aug 17 j 21:07	0°♄	
	-2133 Feb 21 j 04:47	0°♄		desc. node	-2131 Sep 09 j 22:48	28°♄29'19	
morning max el	-2133 Mar 10 j 03:27	15°♄11'35	46°06'33		-2131 Sep 11 j 04:15	0°♄	
	-2133 Mar 24 j 19:58	0°♄			-2131 Oct 05 j 15:05	0°♄	
desc. node	-2133 Mar 26 j 03:50	1°♄23'23			-2131 Oct 30 j 08:47	0°♄	
	-2133 Apr 21 j 10:09	0°♄			-2131 Nov 24 j 17:05	0°♄	
	-2133 May 17 j 15:28	0°♄			-2131 Dec 21 j 13:33	0°♄	
	-2133 Jun 12 j 02:34	0°♄		evening max el	-2131 Dec 29 j 14:20	8°♄19'38	46°35'37
	-2133 Jul 07 j 00:20	0°♄		asc. node	-2131 Dec 31 j 23:13	10°♄42'06	
asc. node	-2133 Jul 17 j 04:42	12°♄25'49			-2130 Jan 22 j 21:39	0°♄	
	-2133 Jul 31 j 11:08	0°♄		greatest brilliancy	-2130 Feb 03 j 02:01	6°♄57'44	-4.6m
	-2133 Aug 24 j 13:29	0°♄		retrograde	-2130 Feb 17 j 18:05	10°♄49'50	
morning set	-2133 Sep 03 j 05:10	12°♄06'18		evening set	-2130 Mar 07 j 07:20	4°♄51'49	
	-2133 Sep 17 j 10:34	0°♄		inferior conj	-2130 Mar 11 j 02:23	2°♄28'22	7°44'09
	-2133 Oct 11 j 05:36	0°♄		minimum elong	-2130 Mar 11 j 09:01	2°♄17'46	7°43'23
				min. Earth dist.	-2130 Mar 11 j 01:15	2°♄30'12	0.29028 AU
superior conj	-2133 Oct 12 j 14:21	1°♄43'13	0°53'03	morning rise	-2130 Mar 15 j 10:56	29°♄45'02	
minimum elong	-2133 Oct 13 j 01:16	2°♄17'42	0°52'38		-2130 Mar 15 j 00:59	30°♄	
max. Earth dist.	-2133 Oct 13 j 10:50	2°♄47'50	1.70949 AU	direct	-2130 Apr 01 j 14:18	24°♄08'48	
	-2133 Nov 04 j 01:03	0°♄		greatest brilliancy	-2130 Apr 13 j 18:30	26°♄47'03	-4.5m
desc. node	-2133 Nov 05 j 20:47	2°♄17'30			-2130 Apr 20 j 07:05	0°♄	
evening rise	-2133 Nov 23 j 16:19	24°♄40'10		desc. node	-2130 Apr 22 j 15:25	1°♄23'33	
	-2133 Nov 27 j 22:22	0°♄		morning max el	-2130 May 20 j 08:41	23°♄54'55	45°46'40

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2130 May 26 j 14:43	0°♄				-2128 Dec 31 j 03:58	0°♁	
	-2130 Jun 23 j 23:23	0°♅				-2127 Jan 25 j 12:36	0°♁	
	-2130 Jul 20 j 05:50	0°♆		asc. node		-2127 Jan 28 j 10:58	3°♁23'00	
asc. node	-2130 Aug 13 j 16:31	29°♆07'47				-2127 Feb 21 j 09:09	0°♄	
	-2130 Aug 14 j 09:45	0°♆		evening max el		-2127 Mar 10 j 10:34	17°♄24'07	45°23'14
	-2130 Sep 07 j 20:49	0°♇				-2127 Mar 24 j 09:22	0°♅	
	-2130 Oct 01 j 21:40	0°♈		greatest brilliancy		-2127 Apr 13 j 13:06	13°♅31'32	-4.5m
	-2130 Oct 25 j 17:53	0°♉		retrograde		-2127 Apr 27 j 22:36	17°♅07'40	
morning set	-2130 Nov 17 j 12:44	28°♉42'07		evening set		-2127 May 12 j 23:53	12°♅46'28	
	-2130 Nov 18 j 13:29	0°♊		inferior conj		-2127 May 19 j 09:14	8°♅58'46	0°10'29
desc. node	-2130 Dec 03 j 08:43	18°♊36'15		minimum elong		-2127 May 19 j 09:37	8°♅58'10	0°10'24
	-2130 Dec 12 j 10:43	0°♋		transit middle		-2127 May 19 j 09:37	8°♅58'10	0°10'24
				transit begin		-2127 May 19 j 06:30	9°♅03'01	
superior conj	-2130 Dec 29 j 16:18	21°♋34'01	0°-56'-31	transit end		-2127 May 19 j 12:44	8°♅53'18	
minimum elong	-2130 Dec 29 j 04:50	20°♋58'13	0°56'10	min. Earth dist.		-2127 May 19 j 20:02	8°♅41'58	0.28942 AU
max. Earth dist.	-2129 Jan 03 j 04:58	27°♋13'18	1.71762 AU	desc. node		-2127 May 20 j 03:16	8°♅30'43	
	-2129 Jan 05 j 10:24	0°♌		morning rise		-2127 May 25 j 18:54	5°♅09'06	
	-2129 Jan 29 j 12:59	0°♍		direct		-2127 Jun 10 j 02:30	0°♅39'02	
evening rise	-2129 Feb 08 j 01:51	11°♍49'06		greatest brilliancy		-2127 Jun 24 j 12:59	4°♅15'27	-4.5m
	-2129 Feb 22 j 19:09	0°♎				-2127 Jul 28 j 05:46	0°♆	
	-2129 Mar 19 j 05:59	0°♏		morning max el		-2127 Jul 29 j 10:54	1°♆10'29	46°09'14
asc. node	-2129 Mar 26 j 09:01	8°♏41'26				-2127 Aug 25 j 19:17	0°♆	
	-2129 Apr 12 j 22:43	0°♐		asc. node		-2127 Sep 10 j 04:15	17°♆34'40	
	-2129 May 07 j 22:55	0°♑				-2127 Sep 20 j 17:10	0°♇	
	-2129 Jun 02 j 09:36	0°♒				-2127 Oct 15 j 11:28	0°♈	
desc. node	-2129 Jun 28 j 13:45	0°♓				-2127 Nov 08 j 17:10	0°♉	
	-2129 Jul 16 j 00:53	19°♓12'53				-2127 Dec 02 j 18:33	0°♊	
	-2129 Jul 26 j 06:30	0°♈				-2127 Dec 26 j 20:00	0°♋	
evening max el	-2129 Aug 05 j 00:14	9°♈47'36	46°40'34	desc. node		-2127 Dec 30 j 20:42	5°♋00'56	
	-2129 Aug 28 j 03:14	0°♉				-2126 Jan 19 j 23:15	0°♌	
greatest brilliancy	-2129 Sep 13 j 14:51	9°♉25'32	-4.6m	morning set		-2126 Feb 02 j 09:14	16°♌37'35	
retrograde	-2129 Sep 23 j 23:37	11°♉25'15				-2126 Feb 13 j 04:37	0°♍	
evening set	-2129 Oct 09 j 17:46	6°♉38'16				-2126 Mar 09 j 12:03	0°♎	
inferior conj	-2129 Oct 14 j 14:05	3°♉46'39	-5°-25'-32					
minimum elong	-2129 Oct 15 j 00:20	3°♉31'04	5°22'54	superior conj		-2126 Mar 13 j 02:57	4°♎27'37	-1°-16'-34
min. Earth dist.	-2129 Oct 14 j 23:23	3°♉32'30	0.26466 AU	minimum elong		-2126 Mar 13 j 10:15	4°♎50'07	1°16'28
morning rise	-2129 Oct 20 j 06:35	0°♉26'42		max. Earth dist.		-2126 Mar 14 j 21:53	6°♎39'50	1.73303 AU
	-2129 Oct 21 j 02:38	30°♊				-2126 Apr 02 j 21:23	0°♏	
direct	-2129 Nov 03 j 22:05	26°♊09'57		evening rise		-2126 Apr 19 j 06:11	20°♏05'11	
asc. node	-2129 Nov 06 j 01:29	26°♊15'30		asc. node		-2126 Apr 22 j 21:05	24°♏31'25	
greatest brilliancy	-2129 Nov 16 j 11:21	29°♊06'08	-4.7m			-2126 Apr 27 j 08:22	0°♐	
	-2129 Nov 18 j 09:13	0°♋				-2126 May 21 j 20:50	0°♑	
morning max el	-2129 Dec 24 j 11:09	29°♋22'32	46°46'27			-2126 Jun 15 j 11:04	0°♒	
	-2129 Dec 25 j 01:56	0°♌				-2126 Jul 10 j 04:20	0°♓	
	-2128 Jan 21 j 21:53	0°♍				-2126 Aug 04 j 03:09	0°♈	
desc. node	-2128 Feb 17 j 01:57	0°♎		desc. node		-2126 Aug 12 j 12:46	10°♈00'27	
	-2128 Feb 25 j 18:11	10°♎08'12				-2126 Aug 29 j 12:00	0°♉	
	-2128 Mar 13 j 14:44	0°♏				-2126 Sep 24 j 16:48	0°♊	
	-2128 Apr 07 j 19:25	0°♐		evening max el		-2126 Oct 17 j 00:21	23°♊56'26	47°30'51
	-2128 May 02 j 18:19	0°♑				-2126 Oct 23 j 02:17	0°♋	
	-2128 May 27 j 11:47	0°♒		greatest brilliancy		-2126 Nov 24 j 01:09	24°♋39'27	-4.7m
asc. node	-2128 Jun 17 j 18:56	26°♒04'23		asc. node		-2126 Dec 03 j 13:25	27°♋36'44	
	-2128 Jun 20 j 23:32	0°♓		retrograde		-2126 Dec 07 j 02:57	27°♋52'16	
morning set	-2128 Jun 22 j 01:09	1°♓18'52		evening set		-2126 Dec 22 j 08:41	23°♋09'30	
	-2128 Jul 15 j 05:36	0°♈		min. Earth dist.		-2126 Dec 26 j 19:09	20°♋28'58	0.27212 AU
max. Earth dist.	-2128 Jul 24 j 11:04	11°♈28'58	1.72270 AU	inferior conj		-2126 Dec 27 j 21:28	19°♋47'48	5°38'22
				minimum elong		-2126 Dec 27 j 11:53	20°♋02'48	5°36'05
superior conj	-2128 Jul 28 j 14:21	16°♈38'28	1°16'50	morning rise		-2125 Jan 01 j 15:51	16°♋54'18	
minimum elong	-2128 Jul 28 j 07:30	16°♈17'08	1°16'45	direct		-2125 Jan 17 j 10:26	11°♋58'59	
	-2128 Aug 08 j 07:02	0°♉		greatest brilliancy		-2125 Jan 27 j 23:30	14°♋03'41	-4.6m
	-2128 Sep 01 j 05:51	0°♊				-2125 Feb 21 j 14:09	0°♌	
evening rise	-2128 Sep 04 j 05:13	3°♊43'43		morning max el		-2125 Mar 07 j 18:11	12°♌55'18	46°07'48
	-2128 Sep 25 j 04:15	0°♋				-2125 Mar 24 j 14:22	0°♍	
desc. node	-2128 Oct 07 j 10:52	15°♋22'06		desc. node		-2125 Mar 25 j 05:57	0°♎41'04	
	-2128 Oct 19 j 03:52	0°♌				-2125 Apr 21 j 00:39	0°♏	
	-2128 Nov 12 j 06:00	0°♍				-2125 May 17 j 04:13	0°♐	
	-2128 Dec 06 j 12:37	0°♎				-2125 Jun 11 j 14:24	0°♑	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2125 Jul 06 j 11:38	0°♊		asc. node	-2123 Dec 31 j 01:10	9°≈51'16	
asc. node	-2125 Jul 16 j 06:43	11°♊57'48			-2122 Jan 23 j 16:51	0°♋	
	-2125 Jul 30 j 22:10	0°♌		greatest brilliancy	-2122 Jan 31 j 19:31	4°♋47'37	-4.6m
	-2125 Aug 24 j 00:24	0°♍		retrograde	-2122 Feb 15 j 10:16	8°♋39'16	
morning set	-2125 Aug 31 j 19:35	9°♍46'42		evening set	-2122 Mar 05 j 01:44	2°♋38'25	
	-2125 Sep 16 j 21:29	0°♎		inferior conj	-2122 Mar 08 j 18:55	0°♋17'53	7°51'33
				minimum elong	-2122 Mar 09 j 01:02	0°♋08'07	7°50'55
superior conj	-2125 Oct 10 j 01:26	29°♎12'16	0°56'00	min. Earth dist.	-2122 Mar 08 j 17:08	0°♋20'45	0.29001 AU
minimum elong	-2125 Oct 10 j 12:28	29°♎47'02	0°55'35		-2122 Mar 09 j 06:07	30°♌≈	
max. Earth dist.	-2125 Oct 10 j 16:18	29°♎59'09	1.70962 AU	morning rise	-2122 Mar 13 j 00:30	27°≈38'47	
	-2125 Oct 10 j 16:34	0°♏		direct	-2122 Mar 30 j 05:42	21°≈58'45	
	-2125 Nov 03 j 12:06	0°♐		greatest brilliancy	-2122 Apr 11 j 08:46	24°≈35'19	-4.5m
desc. node	-2125 Nov 04 j 22:58	1°♐49'36		desc. node	-2122 Apr 21 j 17:34	0°♋07'33	
evening rise	-2125 Nov 21 j 01:24	22°♐03'12			-2122 Apr 21 j 12:52	0°♋	
	-2125 Nov 27 j 09:30	0°♑		morning max el	-2122 May 17 j 23:39	21°♋42'55	45°46'40
	-2125 Dec 21 j 09:42	0°♒			-2122 May 26 j 10:33	0°♑	
	-2124 Jan 14 j 14:05	0°♓			-2122 Jun 23 j 14:12	0°♒	
	-2124 Feb 08 j 01:12	0°♋			-2122 Jul 19 j 18:44	0°♊	
asc. node	-2124 Feb 25 j 23:01	21°♋38'19		asc. node	-2122 Aug 12 j 18:31	28°♊37'29	
	-2124 Mar 03 j 23:04	0°♑			-2122 Aug 13 j 21:44	0°♌	
	-2124 Mar 29 j 13:58	0°♒			-2122 Sep 07 j 08:18	0°♍	
	-2124 Apr 25 j 10:23	0°♊			-2122 Oct 01 j 08:54	0°♎	
evening max el	-2124 May 20 j 11:11	25°♊36'40	45°23'20		-2122 Oct 25 j 04:58	0°♏	
	-2124 May 25 j 03:53	0°♌		morning set	-2122 Nov 14 j 22:52	26°♏08'16	
desc. node	-2124 Jun 16 j 15:12	17°♌43'30			-2122 Nov 18 j 00:29	0°♐	
greatest brilliancy	-2124 Jun 26 j 09:17	22°♌44'40	-4.5m	desc. node	-2122 Dec 02 j 10:51	18°♐08'35	
retrograde	-2124 Jul 08 j 02:44	25°♌09'49			-2122 Dec 11 j 21:38	0°♑	
evening set	-2124 Jul 25 j 01:37	19°♌49'00					
inferior conj	-2124 Jul 29 j 06:00	17°♌18'38	-8°-3'-59	superior conj	-2122 Dec 27 j 02:49	19°♑03'00	0°-53'-34
minimum elong	-2124 Jul 28 j 22:15	17°♌30'31	8°03'02	minimum elong	-2122 Dec 26 j 15:29	18°♑27'35	0°53'13
min. Earth dist.	-2124 Jul 29 j 14:51	17°♌05'06	0.27975 AU	max. Earth dist.	-2122 Dec 31 j 13:25	24°♑35'56	1.71709 AU
morning rise	-2124 Aug 01 j 18:38	15°♌10'40			-2121 Jan 04 j 21:16	0°♒	
direct	-2124 Aug 19 j 12:30	9°♌17'46			-2121 Jan 28 j 23:48	0°♓	
greatest brilliancy	-2124 Sep 02 j 16:27	12°♌53'43	-4.6m	evening rise	-2121 Feb 05 j 15:10	9°≈28'10	
	-2124 Sep 26 j 10:17	0°♍			-2121 Feb 22 j 06:02	0°♋	
asc. node	-2124 Oct 07 j 15:57	10°♍45'48			-2121 Mar 18 j 17:02	0°♑	
morning max el	-2124 Oct 09 j 00:47	12°♍08'51	46°47'11	asc. node	-2121 Mar 25 j 11:09	8°♑14'05	
	-2124 Oct 25 j 18:17	0°♎			-2121 Apr 12 j 10:07	0°♒	
	-2124 Nov 20 j 19:21	0°♏			-2121 May 07 j 10:58	0°♊	
	-2124 Dec 15 j 19:39	0°♐			-2121 Jun 01 j 22:48	0°♌	
	-2123 Jan 09 j 11:41	0°♑			-2121 Jun 28 j 05:10	0°♍	
desc. node	-2123 Jan 27 j 08:26	21°♑48'07		desc. node	-2121 Jul 15 j 02:52	18°♍29'43	
	-2123 Feb 03 j 01:30	0°♒			-2121 Jul 26 j 03:10	0°♎	
	-2123 Feb 27 j 14:57	0°♓		evening max el	-2121 Aug 02 j 12:19	7°♎21'58	46°37'40
	-2123 Mar 24 j 04:13	0°♋			-2121 Aug 29 j 02:52	0°♏	
morning set	-2123 Apr 13 j 19:19	25°♋13'43		greatest brilliancy	-2121 Sep 11 j 03:23	6°♏57'05	-4.6m
	-2123 Apr 17 j 16:53	0°♑		retrograde	-2121 Sep 21 j 11:27	8°♏56'16	
	-2123 May 12 j 04:18	0°♒		evening set	-2121 Oct 07 j 08:51	4°♏04'21	
max. Earth dist.	-2123 May 17 j 17:31	6°♒48'54	1.73615 AU	inferior conj	-2121 Oct 12 j 02:00	1°♏17'33	-5°-44'-43
				minimum elong	-2121 Oct 12 j 12:32	1°♏01'35	5°42'06
superior conj	-2123 May 19 j 23:14	9°♒33'54	0°00'-58	min. Earth dist.	-2121 Oct 12 j 12:28	1°♏01'41	0.26498 AU
minimum elong	-2123 May 19 j 23:25	9°♒34'29	0°00'56		-2121 Oct 14 j 05:25	30°♐≈	
behind sun begin	-2123 May 19 j 01:22	8°♒26'43		morning rise	-2121 Oct 17 j 15:52	28°♐01'30	
behind sun end	-2123 May 20 j 21:29	10°♒42'16		direct	-2121 Nov 01 j 10:25	23°♐40'04	
asc. node	-2123 May 20 j 09:09	10°♒04'23		asc. node	-2121 Nov 05 j 03:38	23°♐56'42	
	-2123 Jun 05 j 13:45	0°♊		greatest brilliancy	-2121 Nov 14 j 02:27	26°♐39'47	-4.7m
evening rise	-2123 Jun 24 j 14:56	23°♊30'22			-2121 Nov 20 j 09:31	0°♏	
	-2123 Jun 29 j 21:01	0°♌		morning max el	-2121 Dec 22 j 01:10	26°♏58'36	46°47'37
	-2123 Jul 24 j 02:45	0°♍			-2121 Dec 25 j 00:12	0°♐	
	-2123 Aug 17 j 08:28	0°♎			-2120 Jan 21 j 14:00	0°♑	
desc. node	-2123 Sep 09 j 00:54	27°♎59'37		desc. node	-2120 Feb 16 j 15:38	0°♒	
	-2123 Sep 10 j 16:02	0°♏			-2120 Feb 24 j 20:21	9°♒35'52	
	-2123 Oct 05 j 03:27	0°♐			-2120 Mar 13 j 03:08	0°♓	
	-2123 Oct 29 j 22:04	0°♑			-2120 Apr 07 j 07:05	0°♋	
	-2123 Nov 24 j 08:04	0°♒			-2120 May 02 j 05:31	0°♑	
	-2123 Dec 21 j 08:47	0°♓			-2120 May 26 j 22:43	0°♒	
evening max el	-2123 Dec 27 j 04:33	6°≈00'17	46°38'18	asc. node	-2120 Jun 16 j 20:57	25°♒37'25	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2120 Jun 19 j 19:07	29° U 13'14		evening set	-2118 Dec 19 j 20:01	20° X 48'39	
	-2120 Jun 20 j 10:19	0° II		min. Earth dist.	-2118 Dec 24 j 09:01	18° X 04'25	0.27137 AU
	-2120 Jul 14 j 16:20	0° S		inferior conj	-2118 Dec 25 j 11:10	17° X 23'31	5°21'16
max. Earth dist.	-2120 Jul 22 j 04:49	9° S 21'11	1.72328 AU	minimum elong	-2118 Dec 25 j 01:44	17° X 38'17	5°18'55
				morning rise	-2118 Dec 30 j 08:16	14° X 26'15	
superior conj	-2120 Jul 26 j 07:04	14° S 27'17	1°15'25	direct	-2117 Jan 14 j 23:56	9° X 36'11	
minimum elong	-2120 Jul 25 j 23:48	14° S 04'39	1°15'19	greatest brilliancy	-2117 Jan 25 j 11:54	11° X 40'03	-4.6m
	-2120 Aug 07 j 17:51	0° Q			-2117 Feb 21 j 20:59	0° Z	
	-2120 Aug 31 j 16:50	0° P		morning max el	-2117 Mar 05 j 08:13	10° Z 37'05	46°09'09
evening rise	-2120 Sep 01 j 18:39	1° P 20'54		desc. node	-2117 Mar 24 j 08:05	29° Z 59'24	
	-2120 Sep 24 j 15:26	0° A			-2117 Mar 24 j 08:19	0° \approx	
desc. node	-2120 Oct 06 j 13:02	14° A 53'35			-2117 Apr 20 j 14:57	0° H	
	-2120 Oct 18 j 15:16	0° M			-2117 May 16 j 16:53	0° Y	
	-2120 Nov 11 j 17:38	0° X			-2117 Jun 11 j 02:13	0° X	
	-2120 Dec 06 j 00:37	0° Z			-2117 Jul 05 j 23:00	0° II	
	-2120 Dec 30 j 16:36	0° \approx		asc. node	-2117 Jul 15 j 08:48	11° II 29'35	
	-2119 Jan 25 j 02:34	0° H			-2117 Jul 30 j 09:20	0° S	
asc. node	-2119 Jan 27 j 13:03	2° H 48'18			-2117 Aug 23 j 11:31	0° Q	
	-2119 Feb 21 j 02:28	0° Y		morning set	-2117 Aug 29 j 09:47	7° Q 25'47	
evening max el	-2119 Mar 08 j 03:03	15° Y 15'31	45°24'45		-2117 Sep 16 j 08:36	0° P	
	-2119 Mar 24 j 16:45	0° X		superior conj	-2117 Oct 07 j 12:25	26° P 40'29	0°58'49
greatest brilliancy	-2119 Apr 11 j 04:01	11° X 22'16	-4.5m	minimum elong	-2117 Oct 07 j 23:28	27° P 15'17	0°58'26
retrograde	-2119 Apr 25 j 15:21	14° X 59'59		max. Earth dist.	-2117 Oct 07 j 17:57	26° P 57'56	1.70974 AU
evening set	-2119 May 10 j 17:13	10° X 37'17			-2117 Oct 10 j 03:44	0° A	
inferior conj	-2119 May 17 j 01:36	6° X 50'22	0°30'04		-2117 Nov 02 j 23:19	0° M	
minimum elong	-2119 May 17 j 02:42	6° X 48'39	0°29'46	desc. node	-2117 Nov 04 j 01:00	1° M 20'45	
min. Earth dist.	-2119 May 17 j 12:14	6° X 33'48	0.28968 AU	evening rise	-2117 Nov 18 j 10:16	19° M 25'03	
desc. node	-2119 May 19 j 05:23	5° X 30'04			-2117 Nov 26 j 20:48	0° X	
morning rise	-2119 May 23 j 11:51	2° X 59'55			-2117 Dec 20 j 21:06	0° Z	
	-2119 May 30 j 02:56	30° R Y			-2116 Jan 14 j 01:37	0° \approx	
direct	-2119 Jun 07 j 19:33	28° Y 30'17			-2116 Feb 07 j 13:01	0° H	
	-2119 Jun 16 j 21:01	0° X		asc. node	-2116 Feb 25 j 01:13	21° H 08'16	
greatest brilliancy	-2119 Jun 22 j 04:27	2° X 05'30	-4.5m		-2116 Mar 03 j 11:30	0° Y	
morning max el	-2119 Jul 27 j 03:34	29° X 00'42	46°07'50		-2116 Mar 29 j 03:40	0° X	
	-2119 Jul 28 j 03:53	0° II			-2116 Apr 25 j 03:02	0° II	
	-2119 Aug 25 j 11:00	0° S		evening max el	-2116 May 18 j 01:07	23° II 20'26	45°21'46
asc. node	-2119 Sep 09 j 06:29	16° S 59'33			-2116 May 25 j 06:01	0° S	
	-2119 Sep 20 j 06:41	0° Q		desc. node	-2116 Jun 15 j 17:10	16° S 21'37	
	-2119 Oct 15 j 00:00	0° P		greatest brilliancy	-2116 Jun 23 j 21:17	20° S 26'15	-4.5m
	-2119 Nov 08 j 05:09	0° A		retrograde	-2116 Jul 05 j 15:57	22° S 53'09	
	-2119 Dec 02 j 06:11	0° M		evening set	-2116 Jul 22 j 12:04	17° S 37'17	
	-2119 Dec 26 j 07:21	0° X		inferior conj	-2116 Jul 26 j 20:21	15° S 01'24	-7°-54'-25
desc. node	-2119 Dec 29 j 22:39	4° X 31'47		minimum elong	-2116 Jul 26 j 12:03	15° S 14'08	7°53'19
	-2118 Jan 19 j 10:22	0° Z		min. Earth dist.	-2116 Jul 27 j 05:15	14° S 47'47	0.28024 AU
morning set	-2118 Jan 30 j 22:01	14° Z 14'25		morning rise	-2116 Jul 30 j 11:42	12° S 49'15	
	-2118 Feb 12 j 15:33	0° \approx		direct	-2116 Aug 17 j 02:58	6° S 59'30	
	-2118 Mar 08 j 22:51	0° H		greatest brilliancy	-2116 Aug 31 j 08:39	10° S 36'25	-4.6m
					-2116 Sep 26 j 14:33	0° Q	
superior conj	-2118 Mar 10 j 19:12	2° H 16'37	-1°-17'-54	morning max el	-2116 Oct 06 j 13:48	9° Q 42'46	46°46'15
minimum elong	-2118 Mar 11 j 02:04	2° H 37'46	1°17'50	asc. node	-2116 Oct 06 j 18:04	9° Q 53'34	
max. Earth dist.	-2118 Mar 12 j 19:19	4° H 44'51	1.73264 AU		-2116 Oct 25 j 12:08	0° P	
	-2118 Apr 02 j 08:08	0° Y			-2116 Nov 20 j 10:08	0° A	
evening rise	-2118 Apr 17 j 00:35	18° Y 01'23			-2116 Dec 15 j 09:01	0° M	
asc. node	-2118 Apr 21 j 23:13	24° Y 04'51			-2115 Jan 09 j 00:12	0° X	
	-2118 Apr 26 j 19:12	0° X		desc. node	-2115 Jan 26 j 10:37	21° X 17'55	
	-2118 May 21 j 07:54	0° II			-2115 Feb 02 j 13:27	0° Z	
	-2118 Jun 14 j 22:34	0° S			-2115 Feb 27 j 02:28	0° \approx	
	-2118 Jul 09 j 16:27	0° Q			-2115 Mar 23 j 15:25	0° H	
	-2118 Aug 03 j 16:13	0° P		morning set	-2115 Apr 11 j 13:25	23° H 08'31	
desc. node	-2118 Aug 11 j 14:53	9° P 26'46			-2115 Apr 17 j 03:53	0° Y	
	-2118 Aug 29 j 02:35	0° A			-2115 May 11 j 15:12	0° X	
	-2118 Sep 24 j 10:21	0° M		max. Earth dist.	-2115 May 15 j 14:08	4° X 51'27	1.73633 AU
evening max el	-2118 Oct 14 j 16:09	21° M 36'33	47°30'50				
	-2118 Oct 23 j 04:24	0° X		superior conj	-2115 May 17 j 18:16	7° X 31'30	0°-4'-2
greatest brilliancy	-2118 Nov 21 j 17:48	22° X 17'07	-4.7m	minimum elong	-2115 May 17 j 19:03	7° X 33'56	0°03'59
asc. node	-2118 Dec 02 j 15:26	25° X 21'22		behind sun begin	-2115 May 16 j 21:28	6° X 27'38	
retrograde	-2118 Dec 04 j 17:30	25° X 26'43					

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

behind sun end	-2115 May 18 j 16:38	8°♄40'15		direct	-2113 Oct 29 j 23:34	21°♍10'09	
asc. node	-2115 May 19 j 11:08	9°♄37'02		asc. node	-2113 Nov 04 j 05:41	21°♍43'11	
	-2115 Jun 05 j 00:40	0°♂		greatest brilliancy	-2113 Nov 11 j 17:06	24°♍12'16	-4.7m
evening rise	-2115 Jun 22 j 10:12	21°♂27'39			-2113 Nov 21 j 18:24	0°♎	
	-2115 Jun 29 j 08:04	0°♏		morning max el	-2113 Dec 19 j 15:52	24°♎35'01	46°48'25
	-2115 Jul 23 j 14:03	0°♐			-2113 Dec 24 j 22:07	0°♑	
	-2115 Aug 16 j 20:09	0°♑			-2112 Jan 21 j 06:22	0°♒	
desc. node	-2115 Sep 08 j 03:04	27°♑28'52			-2112 Feb 16 j 05:41	0°♓	
	-2115 Sep 10 j 04:13	0°♒		desc. node	-2112 Feb 23 j 22:30	9°♓02'13	
	-2115 Oct 04 j 16:19	0°♑			-2112 Mar 12 j 15:54	0°♈	
	-2115 Oct 29 j 11:55	0°♒			-2112 Apr 06 j 19:04	0°♈	
	-2115 Nov 23 j 23:42	0°♓			-2112 May 01 j 17:01	0°♉	
	-2115 Dec 21 j 05:03	0°♈			-2112 May 26 j 09:55	0°♊	
evening max el	-2115 Dec 24 j 18:43	3°♈39'33	46°41'17	asc. node	-2112 Jun 15 j 23:03	25°♊09'51	
asc. node	-2115 Dec 30 j 03:17	8°♈58'49		morning set	-2112 Jun 17 j 13:23	27°♊07'44	
	-2114 Jan 24 j 19:51	0°♉			-2112 Jun 19 j 21:22	0°♊	
greatest brilliancy	-2114 Jan 29 j 12:10	2°♉35'24	-4.6m		-2112 Jul 14 j 03:22	0°♋	
retrograde	-2114 Feb 13 j 02:49	6°♉28'02		max. Earth dist.	-2112 Jul 19 j 21:14	7°♋08'32	1.72382 AU
evening set	-2114 Mar 02 j 20:04	0°♉24'16					
	-2114 Mar 03 j 11:49	30°♌		superior conj	-2112 Jul 24 j 00:18	12°♋16'56	1°13'54
inferior conj	-2114 Mar 06 j 11:32	28°♌06'33	7°58'21	minimum elong	-2112 Jul 23 j 16:41	11°♋53'14	1°13'47
minimum elong	-2114 Mar 06 j 17:04	27°♌57'41	7°57'51		-2112 Aug 07 j 04:57	0°♌	
min. Earth dist.	-2114 Mar 06 j 08:53	28°♌10'45	0.28969 AU	evening rise	-2112 Aug 30 j 08:45	28°♌59'28	
morning rise	-2114 Mar 10 j 14:14	25°♌31'49			-2112 Aug 31 j 04:04	0°♍	
direct	-2114 Mar 27 j 21:08	19°♌47'45			-2112 Sep 24 j 02:51	0°♎	
greatest brilliancy	-2114 Apr 08 j 23:43	22°♌23'40	-4.5m	desc. node	-2112 Oct 05 j 15:04	14°♎24'00	
desc. node	-2114 Apr 20 j 19:40	28°♌52'58			-2112 Oct 18 j 02:54	0°♏	
	-2114 Apr 22 j 10:51	0°♉			-2112 Nov 11 j 05:34	0°♐	
morning max el	-2114 May 15 j 15:33	19°♉32'22	45°46'50		-2112 Dec 05 j 12:58	0°♑	
	-2114 May 26 j 06:06	0°♊			-2112 Dec 30 j 05:41	0°♒	
	-2114 Jun 23 j 05:07	0°♊			-2111 Jan 24 j 17:07	0°♒	
	-2114 Jul 19 j 07:48	0°♋		asc. node	-2111 Jan 26 j 15:15	2°♒12'24	
asc. node	-2114 Aug 11 j 20:46	28°♋07'20			-2111 Feb 20 j 20:39	0°♓	
	-2114 Aug 13 j 09:55	0°♋		evening max el	-2111 Mar 05 j 19:41	13°♓05'57	45°26'26
	-2114 Sep 06 j 20:02	0°♌			-2111 Mar 25 j 03:32	0°♔	
	-2114 Sep 30 j 20:27	0°♍		greatest brilliancy	-2111 Apr 08 j 20:20	9°♔13'46	-4.5m
	-2114 Oct 24 j 16:26	0°♎		retrograde	-2111 Apr 23 j 07:49	12°♔51'23	
morning set	-2114 Nov 12 j 08:44	23°♎32'14		evening set	-2111 May 08 j 10:47	8°♔27'16	
	-2114 Nov 17 j 11:55	0°♏		inferior conj	-2111 May 14 j 18:02	4°♔41'17	0°49'26
desc. node	-2114 Dec 01 j 12:52	17°♏39'12		minimum elong	-2111 May 14 j 19:50	4°♔38'28	0°48'57
	-2114 Dec 11 j 09:00	0°♐		min. Earth dist.	-2111 May 15 j 04:34	4°♔24'51	0.28987 AU
				desc. node	-2111 May 18 j 07:23	2°♔29'46	
superior conj	-2114 Dec 24 j 12:40	16°♐28'23	0°-50'-29	morning rise	-2111 May 21 j 04:38	0°♕50'05	
minimum elong	-2114 Dec 24 j 01:34	15°♐53'39	0°50'06		-2111 May 22 j 18:38	30°♌	
max. Earth dist.	-2114 Dec 28 j 19:35	21°♐50'02	1.71655 AU	direct	-2111 Jun 05 j 12:40	26°♕21'02	
	-2113 Jan 04 j 08:33	0°♑		greatest brilliancy	-2111 Jun 19 j 18:56	29°♕53'35	-4.5m
	-2113 Jan 28 j 11:03	0°♒			-2111 Jun 20 j 00:26	0°♖	
evening rise	-2113 Feb 03 j 04:03	7°♒04'36		morning max el	-2111 Jul 24 j 19:28	26°♖48'33	46°06'30
	-2113 Feb 21 j 17:18	0°♓			-2111 Jul 28 j 01:27	0°♗	
	-2113 Mar 18 j 04:28	0°♔			-2111 Aug 25 j 02:41	0°♘	
asc. node	-2113 Mar 24 j 13:16	7°♔45'34		asc. node	-2111 Sep 08 j 08:30	16°♘23'31	
	-2113 Apr 11 j 21:54	0°♕			-2111 Sep 19 j 20:17	0°♙	
	-2113 May 06 j 23:25	0°♖			-2111 Oct 14 j 12:36	0°♚	
	-2113 Jun 01 j 12:25	0°♗			-2111 Nov 07 j 17:13	0°♛	
	-2113 Jun 27 j 21:05	0°♘			-2111 Dec 01 j 17:54	0°♜	
desc. node	-2113 Jul 14 j 05:05	17°♘46'02			-2111 Dec 25 j 18:50	0°♝	
	-2113 Jul 26 j 00:46	0°♙		desc. node	-2111 Dec 29 j 00:50	4°♝02'54	
evening max el	-2113 Jul 31 j 01:32	4°♙58'52	46°34'49		-2110 Jan 18 j 21:40	0°♞	
	-2113 Aug 30 j 11:43	0°♚		morning set	-2110 Jan 28 j 10:29	11°♞49'33	
greatest brilliancy	-2113 Sep 08 j 14:45	4°♚27'34	-4.6m		-2110 Feb 12 j 02:43	0°♟	
retrograde	-2113 Sep 18 j 23:49	6°♚27'20					
evening set	-2113 Oct 05 j 00:10	1°♚30'27		superior conj	-2110 Mar 08 j 10:59	0°♠03'20	-1°-19'-9
	-2113 Oct 07 j 14:26	30°♛		minimum elong	-2110 Mar 08 j 17:20	0°♠22'54	1°19'05
inferior conj	-2113 Oct 09 j 14:07	28°♛48'15	-6°-2'-56		-2110 Mar 08 j 09:54	0°♠	
minimum elong	-2113 Oct 10 j 00:50	28°♛32'03	6°00'24	max. Earth dist.	-2110 Mar 10 j 16:15	2°♠47'26	1.73223 AU
min. Earth dist.	-2113 Oct 10 j 01:13	28°♛31'27	0.26539 AU		-2110 Apr 01 j 19:08	0°♡	
morning rise	-2113 Oct 15 j 01:10	25°♛36'26		evening rise	-2110 Apr 14 j 18:29	15°♡55'18	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2110 Apr 21 j 01:13	23° Υ 37'11			-2108 Dec 14 j 22:06	0° \mathbb{M}		
	-2110 Apr 26 j 06:15	0° \mathcal{B}			-2107 Jan 08 j 12:28	0° \mathcal{A}		
	-2110 May 20 j 19:11	0° Π		desc. node	-2107 Jan 25 j 12:45	20° \mathcal{A} 48'16		
	-2110 Jun 14 j 10:15	0° \mathfrak{S}			-2107 Feb 02 j 01:08	0° \mathfrak{C}		
	-2110 Jul 09 j 04:47	0° Ω			-2107 Feb 26 j 13:44	0° \approx		
	-2110 Aug 03 j 05:30	0° \mathfrak{M}			-2107 Mar 23 j 02:23	0° \mathcal{H}		
desc. node	-2110 Aug 10 j 17:02	8° \mathfrak{M} 52'36		morning set	-2107 Apr 09 j 07:27	21° \mathcal{H} 03'38		
	-2110 Aug 28 j 17:26	0° $\underline{\mathfrak{A}}$			-2107 Apr 16 j 14:41	0° Υ		
	-2110 Sep 24 j 04:20	0° \mathbb{M}			-2107 May 11 j 01:57	0° \mathcal{B}		
evening max el	-2110 Oct 12 j 07:19	19° \mathbb{M} 14'57	47°30'43	max. Earth dist.	-2107 May 13 j 11:26	2° \mathcal{B} 56'28	1.73654 AU	
	-2110 Oct 23 j 07:57	0° \mathcal{A}						
greatest brilliancy	-2110 Nov 19 j 11:06	19° \mathcal{A} 55'50	-4.7m	superior conj	-2107 May 15 j 13:08	5° \mathcal{B} 29'03	0°-7'-5	
asc. node	-2110 Dec 01 j 17:30	23° \mathcal{A} 01'05		minimum elong	-2107 May 15 j 14:32	5° \mathcal{B} 33'22	0°07'01	
retrograde	-2110 Dec 02 j 07:34	23° \mathcal{A} 01'30		behind sun begin	-2107 May 14 j 18:27	4° \mathcal{B} 31'40		
evening set	-2110 Dec 17 j 07:41	18° \mathcal{A} 27'58		behind sun end	-2107 May 16 j 10:37	6° \mathcal{B} 35'04		
min. Earth dist.	-2110 Dec 21 j 23:26	15° \mathcal{A} 39'50	0.27066 AU	asc. node	-2107 May 18 j 13:17	9° \mathcal{B} 10'40		
inferior conj	-2110 Dec 23 j 01:01	14° \mathcal{A} 59'48	5°03'37		-2107 Jun 04 j 11:28	0° Π		
minimum elong	-2110 Dec 22 j 15:49	15° \mathcal{A} 14'11	5°01'13	evening rise	-2107 Jun 20 j 05:17	19° Π 24'53		
morning rise	-2110 Dec 28 j 00:47	11° \mathcal{A} 58'40			-2107 Jun 28 j 19:00	0° \mathfrak{S}		
direct	-2109 Jan 12 j 13:13	7° \mathcal{A} 13'48			-2107 Jul 23 j 01:13	0° Ω		
greatest brilliancy	-2109 Jan 23 j 01:24	9° \mathcal{A} 17'41	-4.6m		-2107 Aug 16 j 07:40	0° \mathfrak{M}		
	-2109 Feb 22 j 01:43	0° \mathfrak{C}		desc. node	-2107 Sep 07 j 05:03	26° \mathfrak{M} 58'14		
morning max el	-2109 Mar 02 j 21:24	8° \mathfrak{C} 16'26	46°10'18		-2107 Sep 09 j 16:14	0° $\underline{\mathfrak{A}}$		
desc. node	-2109 Mar 23 j 10:08	29° \mathfrak{C} 17'42			-2107 Oct 04 j 04:59	0° \mathbb{M}		
	-2109 Mar 24 j 01:57	0° \approx			-2107 Oct 29 j 01:36	0° \mathcal{A}		
	-2109 Apr 20 j 05:15	0° \mathcal{H}			-2107 Nov 23 j 15:18	0° \mathfrak{C}		
	-2109 May 16 j 05:38	0° Υ			-2107 Dec 21 j 01:41	0° \approx		
	-2109 Jun 10 j 14:06	0° \mathcal{B}		evening max el	-2107 Dec 22 j 09:34	1° \approx 21'14	46°44'17	
	-2109 Jul 05 j 10:25	0° Π		asc. node	-2107 Dec 29 j 05:32	8° \approx 06'26		
asc. node	-2109 Jul 14 j 11:01	11° Π 01'44			-2106 Jan 26 j 10:02	0° \mathcal{H}		
	-2109 Jul 29 j 20:31	0° \mathfrak{S}		greatest brilliancy	-2106 Jan 27 j 04:25	0° \mathcal{H} 23'17	-4.6m	
	-2109 Aug 22 j 22:38	0° Ω		retrograde	-2106 Feb 10 j 19:53	4° \mathcal{H} 17'28		
morning set	-2109 Aug 27 j 00:04	5° Ω 05'16			-2106 Feb 25 j 11:23	30° $\mathcal{R}\approx$		
	-2109 Sep 15 j 19:43	0° \mathfrak{M}		evening set	-2106 Feb 28 j 14:07	28° \approx 10'57		
superior conj	-2109 Oct 04 j 23:44	24° \mathfrak{M} 09'43	1°01'30	inferior conj	-2106 Mar 04 j 04:03	25° \approx 55'45	8°04'29	
minimum elong	-2109 Oct 05 j 10:43	24° \mathfrak{M} 44'21	1°01'09	minimum elong	-2106 Mar 04 j 09:01	25° \approx 47'51	8°04'04	
max. Earth dist.	-2109 Oct 04 j 19:26	23° \mathfrak{M} 56'13	1.70991 AU	min. Earth dist.	-2106 Mar 04 j 00:12	26° \approx 01'54	0.28937 AU	
	-2109 Oct 09 j 14:53	0° $\underline{\mathfrak{A}}$		morning rise	-2106 Mar 08 j 04:04	23° \approx 25'21		
	-2109 Nov 02 j 10:31	0° \mathbb{M}		direct	-2106 Mar 25 j 12:47	17° \approx 37'26		
desc. node	-2109 Nov 03 j 03:03	0° \mathbb{M} 52'00		greatest brilliancy	-2106 Apr 06 j 14:17	20° \approx 12'33	-4.5m	
evening rise	-2109 Nov 15 j 19:22	16° \mathbb{M} 47'45		desc. node	-2106 Apr 19 j 21:42	27° \approx 41'20		
	-2109 Nov 26 j 08:03	0° \mathcal{A}			-2106 Apr 23 j 02:42	0° \mathcal{H}		
	-2109 Dec 20 j 08:25	0° \mathfrak{C}		morning max el	-2106 May 13 j 08:03	17° \mathcal{H} 24'15	45°46'55	
	-2108 Jan 13 j 13:04	0° \approx			-2106 May 26 j 00:47	0° Υ		
	-2108 Feb 07 j 00:47	0° \mathcal{H}			-2106 Jun 22 j 19:35	0° \mathcal{B}		
asc. node	-2108 Feb 24 j 03:15	20° \mathcal{H} 37'49			-2106 Jul 18 j 20:35	0° Π		
	-2108 Mar 02 j 23:57	0° Υ		asc. node	-2106 Aug 10 j 22:49	27° Π 37'13		
	-2108 Mar 28 j 17:31	0° \mathcal{B}			-2106 Aug 12 j 21:51	0° \mathfrak{S}		
	-2108 Apr 24 j 20:03	0° Π			-2106 Sep 06 j 07:32	0° Ω		
evening max el	-2108 May 15 j 14:44	21° Π 03'27	45°20'23		-2106 Sep 30 j 07:42	0° \mathfrak{M}		
	-2108 May 25 j 09:47	0° \mathfrak{S}		morning set	-2106 Oct 24 j 03:35	0° $\underline{\mathfrak{A}}$		
desc. node	-2108 Jun 14 j 19:23	14° \mathfrak{S} 57'26			-2106 Nov 09 j 18:41	20° $\underline{\mathfrak{A}}$ 57'26		
greatest brilliancy	-2108 Jun 21 j 08:35	18° \mathfrak{S} 07'08	-4.5m	desc. node	-2106 Nov 16 j 23:00	0° \mathbb{M}		
retrograde	-2108 Jul 03 j 05:42	20° \mathfrak{S} 36'58			-2106 Nov 30 j 15:01	17° \mathbb{M} 11'17		
evening set	-2108 Jul 19 j 22:34	15° \mathfrak{S} 25'43			-2106 Dec 10 j 20:02	0° \mathcal{A}		
inferior conj	-2108 Jul 24 j 10:44	12° \mathfrak{S} 44'32	-7°-44'-12	superior conj	-2106 Dec 21 j 22:21	13° \mathcal{A} 54'06	0°-47'-15	
minimum elong	-2108 Jul 24 j 01:57	12° \mathfrak{S} 57'59	7°42'55	minimum elong	-2106 Dec 21 j 11:34	13° \mathcal{A} 20'22	0°46'52	
min. Earth dist.	-2108 Jul 24 j 19:34	12° \mathfrak{S} 31'01	0.28070 AU	max. Earth dist.	-2106 Dec 26 j 03:46	19° \mathcal{A} 11'15	1.71606 AU	
morning rise	-2108 Jul 28 j 04:57	10° \mathfrak{S} 28'12			-2105 Jan 03 j 19:31	0° \mathfrak{C}		
direct	-2108 Aug 14 j 17:26	4° \mathfrak{S} 41'36			-2105 Jan 27 j 21:59	0° \approx		
greatest brilliancy	-2108 Aug 29 j 01:45	8° \mathfrak{S} 20'55	-4.6m	evening rise	-2105 Jan 31 j 16:53	4° \approx 41'50		
	-2108 Sep 26 j 17:00	0° Ω			-2105 Feb 21 j 04:15	0° \mathcal{H}		
morning max el	-2108 Oct 04 j 03:25	7° Ω 18'50	46°45'18		-2105 Mar 17 j 15:34	0° Υ		
asc. node	-2108 Oct 05 j 20:09	9° Ω 02'43		asc. node	-2105 Mar 23 j 15:19	7° Υ 17'51		
	-2108 Oct 25 j 05:26	0° \mathfrak{M}			-2105 Apr 11 j 09:21	0° \mathcal{B}		
	-2108 Nov 20 j 00:35	0° $\underline{\mathfrak{A}}$			-2105 May 06 j 11:32	0° Π		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2105 Jun 01 j 01:49	0° ᠔			-2103 Nov 07 j 05:04	0° ᠘		
	-2105 Jun 27 j 12:59	0° ᠒			-2103 Dec 01 j 05:25	0° ᠓		
desc. node	-2105 Jul 13 j 07:09	17° $\text{᠒}02'00$			-2103 Dec 25 j 06:05	0° ᠗		
	-2105 Jul 25 j 22:59	0° ᠓		desc. node	-2103 Dec 28 j 02:58	3° $\text{᠗}34'37$		
evening max el	-2105 Jul 28 j 15:23	2° $\text{᠓}38'01$	46°31'48		-2102 Jan 18 j 08:43	0° ᠖		
	-2105 Sep 01 j 11:51	0° ᠘		morning set	-2102 Jan 25 j 22:37	9° $\text{᠖}24'24$		
greatest brilliancy	-2105 Sep 06 j 02:10	1° $\text{᠘}58'39$	-4.6m		-2102 Feb 11 j 13:36	0° \approx		
retrograde	-2105 Sep 16 j 12:05	3° $\text{᠘}58'30$						
	-2105 Sep 30 j 17:15	30° ᠙᠓		superior conj	-2102 Mar 06 j 02:41	27° \approx 50'36	-1°-20'-16	
evening set	-2105 Oct 02 j 15:28	28° $\text{᠓}56'57$		minimum elong	-2102 Mar 06 j 08:27	28° \approx 08'23	1°20'14	
inferior conj	-2105 Oct 07 j 02:03	26° $\text{᠓}19'19$	-6°-20'-35		-2102 Mar 07 j 20:40	0° ᠑		
minimum elong	-2105 Oct 07 j 12:52	26° $\text{᠓}02'58$	6°18'08	max. Earth dist.	-2102 Mar 08 j 12:46	0° $\text{᠑}49'37$	1.73179 AU	
min. Earth dist.	-2105 Oct 07 j 13:34	26° $\text{᠓}01'54$	0.26577 AU		-2102 Apr 01 j 05:52	0° ᠑		
morning rise	-2105 Oct 12 j 10:01	23° $\text{᠓}11'55$		evening rise	-2102 Apr 12 j 12:22	13° $\text{᠑}49'57$		
direct	-2105 Oct 27 j 12:46	18° $\text{᠓}40'55$		asc. node	-2102 Apr 20 j 03:24	23° $\text{᠑}10'49$		
asc. node	-2105 Nov 03 j 07:49	19° $\text{᠓}35'38$			-2102 Apr 25 j 17:04	0° ᠙		
greatest brilliancy	-2105 Nov 09 j 06:33	21° $\text{᠓}43'56$	-4.7m		-2102 May 20 j 06:13	0° II		
	-2105 Nov 22 j 17:41	0° ᠘			-2102 Jun 13 j 21:41	0° ᠖		
morning max el	-2105 Dec 17 j 05:56	22° $\text{᠘}10'54$	46°49'09		-2102 Jul 08 j 16:50	0° ᠒		
	-2105 Dec 24 j 18:52	0° ᠓			-2102 Aug 02 j 18:33	0° ᠓		
	-2104 Jan 20 j 22:03	0° ᠗		desc. node	-2102 Aug 09 j 19:02	8° $\text{᠓}18'42$		
	-2104 Feb 15 j 19:12	0° ᠖			-2102 Aug 28 j 08:12	0° ᠘		
desc. node	-2104 Feb 23 j 00:28	8° $\text{᠖}29'22$			-2102 Sep 23 j 22:32	0° ᠓		
	-2104 Mar 12 j 04:14	0° \approx		evening max el	-2102 Oct 09 j 21:15	16° $\text{᠓}50'28$	47°30'14	
	-2104 Apr 06 j 06:40	0° ᠑			-2102 Oct 23 j 13:16	0° ᠗		
	-2104 May 01 j 04:09	0° ᠑		greatest brilliancy	-2102 Nov 17 j 04:24	17° $\text{᠗}33'50$	-4.7m	
	-2104 May 25 j 20:45	0° ᠙		retrograde	-2102 Nov 29 j 20:55	20° $\text{᠗}35'22$		
morning set	-2104 Jun 15 j 07:50	25° $\text{᠙}03'57$		asc. node	-2102 Nov 30 j 19:45	20° $\text{᠗}34'15$		
asc. node	-2104 Jun 15 j 01:16	24° $\text{᠙}43'47$		evening set	-2102 Dec 14 j 19:06	16° $\text{᠗}05'58$		
	-2104 Jun 19 j 08:04	0° II		min. Earth dist.	-2102 Dec 19 j 13:53	13° $\text{᠗}13'45$	0.26997 AU	
	-2104 Jul 13 j 14:03	0° ᠖		inferior conj	-2102 Dec 20 j 14:32	12° $\text{᠗}35'12$	4°44'57	
max. Earth dist.	-2104 Jul 17 j 12:45	4° $\text{᠖}54'12$	1.72443 AU	minimum elong	-2102 Dec 20 j 05:39	12° $\text{᠗}49'06$	4°42'34	
				morning rise	-2102 Dec 25 j 16:57	9° $\text{᠗}30'17$		
superior conj	-2104 Jul 21 j 17:36	10° $\text{᠖}07'57$	1°12'18	direct	-2101 Jan 10 j 01:43	4° $\text{᠗}50'20$		
minimum elong	-2104 Jul 21 j 09:42	9° $\text{᠖}43'20$	1°12'09	greatest brilliancy	-2101 Jan 20 j 15:38	6° $\text{᠗}55'29$	-4.6m	
	-2104 Aug 06 j 15:45	0° ᠒			-2101 Feb 22 j 04:40	0° ᠖		
evening rise	-2104 Aug 27 j 22:44	26° $\text{᠒}38'36$		morning max el	-2101			

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2100 Jun 18 j 19:08	15° \mathfrak{D} 47'50	-4.5m	desc. node	-2098 Nov 29 j 17:06	16° \mathfrak{M} 42'46	
retrograde	-2100 Jun 30 j 20:07	18° \mathfrak{D} 21'37			-2098 Dec 10 j 07:11	0° \mathfrak{X}	
evening set	-2100 Jul 17 j 09:14	13° \mathfrak{D} 14'45					
inferior conj	-2100 Jul 22 j 01:13	10° \mathfrak{D} 28'19	-7°-33'-13	superior conj	-2098 Dec 19 j 08:16	11° \mathfrak{X} 20'04	0°-43'-56
minimum elong	-2100 Jul 21 j 16:01	10° \mathfrak{D} 42'22	7°31'47	minimum elong	-2098 Dec 18 j 21:55	10° \mathfrak{X} 47'39	0°43'34
min. Earth dist.	-2100 Jul 22 j 09:43	10° \mathfrak{D} 15'20	0.28114 AU	max. Earth dist.	-2098 Dec 23 j 15:11	16° \mathfrak{X} 42'07	1.71557 AU
morning rise	-2100 Jul 25 j 22:25	8° \mathfrak{D} 07'47			-2097 Jan 03 j 06:37	0° \mathfrak{Z}	
direct	-2100 Aug 12 j 08:20	2° \mathfrak{D} 24'25			-2097 Jan 27 j 09:04	0° \approx	
greatest brilliancy	-2100 Aug 26 j 18:58	6° \mathfrak{D} 06'25	-4.6m	evening rise	-2097 Jan 29 j 05:50	2° \approx 18'50	
	-2100 Sep 26 j 17:53	0° \mathfrak{Q}			-2097 Feb 20 j 15:24	0° \mathfrak{H}	
morning max el	-2100 Oct 01 j 18:05	4° \mathfrak{Q} 58'15	46°44'25		-2097 Mar 17 j 02:54	0° \mathfrak{Y}	
asc. node	-2100 Oct 04 j 22:19	8° \mathfrak{Q} 13'22		asc. node	-2097 Mar 22 j 17:29	6° \mathfrak{Y} 49'46	
	-2100 Oct 24 j 22:15	0° \mathfrak{M}			-2097 Apr 10 j 21:03	0° \mathfrak{B}	
	-2100 Nov 19 j 14:47	0° \mathfrak{L}			-2097 May 05 j 23:57	0° \mathfrak{H}	
	-2100 Dec 14 j 11:04	0° \mathfrak{M}			-2097 May 31 j 15:33	0° \mathfrak{D}	
	-2099 Jan 08 j 00:42	0° \mathfrak{X}			-2097 Jun 27 j 05:24	0° \mathfrak{Q}	
desc. node	-2099 Jan 24 j 14:42	20° \mathfrak{X} 17'58		desc. node	-2097 Jul 12 j 09:09	16° \mathfrak{Q} 16'40	
	-2099 Feb 01 j 12:52	0° \mathfrak{Z}			-2097 Jul 25 j 22:21	0° \mathfrak{M}	
	-2099 Feb 26 j 01:04	0° \approx		evening max el	-2097 Jul 26 j 05:15	0° \mathfrak{M} 16'46	46°28'44
	-2099 Mar 22 j 13:24	0° \mathfrak{H}		greatest brilliancy	-2097 Sep 03 j 14:25	29° \mathfrak{M} 30'30	-4.6m
morning set	-2099 Apr 07 j 01:10	18° \mathfrak{H} 57'33			-2097 Sep 05 j 00:58	0° \mathfrak{L}	
	-2099 Apr 16 j 01:31	0° \mathfrak{Y}		retrograde	-2097 Sep 14 j 00:02	1° \mathfrak{L} 29'18	
	-2099 May 10 j 12:43	0° \mathfrak{B}			-2097 Sep 22 j 14:16	30° \mathfrak{R} \mathfrak{M}	
max. Earth dist.	-2099 May 11 j 10:32	1° \mathfrak{B} 06'58	1.73671 AU	evening set	-2097 Sep 30 j 06:56	26° \mathfrak{M} 23'16	
				inferior conj	-2097 Oct 04 j 14:06	23° \mathfrak{M} 50'09	-6°-37'-23
superior conj	-2099 May 13 j 07:48	3° \mathfrak{B} 25'59	0°-10'-9	minimum elong	-2097 Oct 05 j 00:55	23° \mathfrak{M} 33'46	6°35'02
minimum elong	-2099 May 13 j 09:49	3° \mathfrak{B} 32'10	0°10'02	min. Earth dist.	-2097 Oct 05 j 02:10	23° \mathfrak{M} 31'53	0.26616 AU
behind sun begin	-2099 May 12 j 16:28	2° \mathfrak{B} 38'52		morning rise	-2097 Oct 09 j 18:43	20° \mathfrak{M} 47'12	
behind sun end	-2099 May 14 j 03:10	4° \mathfrak{B} 25'28		direct	-2097 Oct 25 j 01:53	16° \mathfrak{M} 11'25	
asc. node	-2099 May 17 j 15:24	8° \mathfrak{B} 44'09		asc. node	-2097 Nov 02 j 09:58	17° \mathfrak{M} 32'43	
	-2099 Jun 03 j 22:17	0° \mathfrak{H}		greatest brilliancy	-2097 Nov 06 j 19:55	19° \mathfrak{M} 14'45	-4.7m
evening rise	-2099 Jun 18 j 00:28	17° \mathfrak{H} 22'23			-2097 Nov 23 j 11:15	0° \mathfrak{L}	
	-2099 Jun 28 j 05:57	0° \mathfrak{D}		morning max el	-2097 Dec 14 j 19:12	19° \mathfrak{L} 43'53	46°49'58
	-2099 Jul 22 j 12:26	0° \mathfrak{Q}			-2097 Dec 24 j 15:12	0° \mathfrak{M}	
	-2099 Aug 15 j 19:16	0° \mathfrak{M}			-2096 Jan 20 j 13:43	0° \mathfrak{X}	
desc. node	-2099 Sep 06 j 07:11	26° \mathfrak{M} 27'49			-2096 Feb 15 j 08:49	0° \mathfrak{Z}	
	-2099 Sep 09 j 04:18	0° \mathfrak{L}		desc. node	-2096 Feb 22 j 02:38	7° \mathfrak{Z} 56'42	
	-2099 Oct 03 j 17:44	0° \mathfrak{M}			-2096 Mar 11 j 16:44	0° \approx	
	-2099 Oct 28 j 15:24	0° \mathfrak{X}			-2096 Apr 05 j 18:29	0° \mathfrak{H}	
	-2099 Nov 23 j 07:08	0° \mathfrak{Z}			-2096 Apr 30 j 15:32	0° \mathfrak{Y}	
evening max el	-2099 Dec 20 j 01:16	29° \mathfrak{Z} 04'47	46°47'03		-2096 May 25 j 07:52	0° \mathfrak{B}	
	-2099 Dec 20 j 23:06	0° \approx		morning set	-2096 Jun 13 j 02:12	22° \mathfrak{B} 59'09	
asc. node	-2099 Dec 28 j 07:30	7° \approx 12'05		asc. node	-2096 Jun 14 j 03:15	24° \mathfrak{B} 16'07	
greatest brilliancy	-2098 Jan 24 j 20:57	28° \approx 10'49	-4.6m		-2096 Jun 18 j 19:02	0° \mathfrak{H}	
	-2098 Jan 29 j 00:21	0° \mathfrak{H}			-2096 Jul 13 j 01:01	0° \mathfrak{D}	
retrograde	-2098 Feb 08 j 13:06	2° \mathfrak{H} 05'44		max. Earth dist.	-2096 Jul 15 j 04:05	2° \mathfrak{D} 38'37	1.72502 AU
	-2098 Feb 18 j 14:51	30° \mathfrak{R} \approx					
evening set	-2098 Feb 26 j 07:52	25° \approx 56'49		superior conj	-2096 Jul 19 j 10:57	7° \mathfrak{D} 58'26	1°10'35
inferior conj	-2098 Mar 01 j 20:26	23° \approx 43'48	8°09'53	minimum elong	-2096 Jul 19 j 02:47	7° \mathfrak{D} 33'01	1°10'24
minimum elong	-2098 Mar 02 j 00:47	23° \approx 36'51	8°09'33		-2096 Aug 06 j 02:48	0° \mathfrak{Q}	
min. Earth dist.	-2098 Mar 01 j 15:05	23° \approx 52'19	0.28902 AU	evening rise	-2096 Aug 25 j 12:58	24° \mathfrak{Q} 17'46	
morning rise	-2098 Mar 05 j 17:54	21° \approx 17'29			-2096 Aug 30 j 02:17	0° \mathfrak{M}	
direct	-2098 Mar 23 j 04:49	15° \approx 26'05			-2096 Sep 23 j 01:29	0° \mathfrak{L}	
greatest brilliancy	-2098 Apr 04 j 04:06	17° \approx 59'41	-4.5m	desc. node	-2096 Oct 03 j 19:17	13° \mathfrak{L} 25'44	
desc. node	-2098 Apr 18 j 23:52	26° \approx 31'14			-2096 Oct 17 j 02:01	0° \mathfrak{M}	
	-2098 Apr 23 j 14:53	0° \mathfrak{H}			-2096 Nov 10 j 05:15	0° \mathfrak{X}	
morning max el	-2098 May 11 j 00:50	15° \mathfrak{H} 16'15	45°47'03		-2096 Dec 04 j 13:30	0° \mathfrak{Z}	
	-2098 May 25 j 19:13	0° \mathfrak{Y}			-2096 Dec 29 j 07:43	0° \approx	
	-2098 Jun 22 j 10:02	0° \mathfrak{B}			-2095 Jan 23 j 22:14	0° \mathfrak{H}	
	-2098 Jul 18 j 09:24	0° \mathfrak{H}		asc. node	-2095 Jan 24 j 19:24	1° \mathfrak{H} 00'22	
asc. node	-2098 Aug 10 j 00:51	27° \mathfrak{H} 06'52			-2095 Feb 20 j 09:51	0° \mathfrak{Y}	
	-2098 Aug 12 j 09:51	0° \mathfrak{D}		evening max el	-2095 Mar 01 j 02:55	8° \mathfrak{Y} 42'52	45°29'51
	-2098 Sep 05 j 19:07	0° \mathfrak{Q}			-2095 Mar 26 j 12:27	0° \mathfrak{B}	
	-2098 Sep 29 j 19:06	0° \mathfrak{M}		greatest brilliancy	-2095 Apr 04 j 05:37	4° \mathfrak{B} 58'57	-4.5m
	-2098 Oct 23 j 14:53	0° \mathfrak{L}		retrograde	-2095 Apr 18 j 16:02	8° \mathfrak{B} 36'17	
morning set	-2098 Nov 07 j 05:07	18° \mathfrak{L} 23'44		evening set	-2095 May 03 j 22:31	4° \mathfrak{B} 08'38	
	-2098 Nov 16 j 10:14	0° \mathfrak{M}		inferior conj	-2095 May 10 j 03:13	0° \mathfrak{B} 25'28	1°27'54

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-2095 May 10 j 06:23	0° U 20'31	1°27'00	desc. node	-2093 Nov 01 j 07:15	29° U 54'42	
min. Earth dist.	-2095 May 10 j 14:19	0° U 08'04	0.29023 AU		-2093 Nov 01 j 08:56	0° M	
	-2095 May 10 j 19:28	30° R Y		evening rise	-2093 Nov 10 j 13:27	11° M 32'42	
desc. node	-2095 May 16 j 11:38	26° Y 36'12			-2093 Nov 25 j 06:40	0° X	
morning rise	-2095 May 16 j 13:57	26° Y 33'02			-2093 Dec 19 j 07:14	0° Z	
direct	-2095 May 31 j 21:49	22° Y 04'45			-2092 Jan 12 j 12:14	0° \approx	
greatest brilliancy	-2095 Jun 15 j 00:14	25° Y 31'50	-4.5m		-2092 Feb 06 j 00:38	0° H	
	-2095 Jun 23 j 01:54	0° U		asc. node	-2092 Feb 22 j 07:30	19° H 36'42	
morning max el	-2095 Jul 20 j 01:10	22° U 20'32	46°03'55		-2092 Mar 02 j 01:12	0° Y	
	-2095 Jul 27 j 17:57	0° II			-2092 Mar 27 j 21:44	0° U	
	-2095 Aug 24 j 09:02	0° S			-2092 Apr 24 j 07:13	0° II	
asc. node	-2095 Sep 06 j 12:48	15° S 13'59		evening max el	-2092 May 10 j 19:53	16° II 34'47	45°18'10
	-2095 Sep 18 j 22:55	0° Q			-2092 May 25 j 23:11	0° S	
	-2095 Oct 13 j 13:30	0° M		desc. node	-2092 Jun 12 j 23:26	12° S 00'39	
	-2095 Nov 06 j 17:08	0° U		greatest brilliancy	-2092 Jun 16 j 05:18	13° S 28'03	-4.5m
	-2095 Nov 30 j 17:10	0° M		retrograde	-2092 Jun 28 j 10:52	16° S 06'01	
	-2095 Dec 24 j 17:38	0° X		evening set	-2092 Jul 14 j 20:03	11° S 03'32	
desc. node	-2095 Dec 27 j 04:54	3° X 04'44		inferior conj	-2092 Jul 19 j 15:44	8° S 11'49	-7°-21'-32
	-2094 Jan 17 j 20:04	0° Z		minimum elong	-2092 Jul 19 j 06:12	8° S 26'22	7°19'57
morning set	-2094 Jan 23 j 10:35	6° Z 57'35		min. Earth dist.	-2092 Jul 19 j 23:36	7° S 59'48	0.28160 AU
	-2094 Feb 11 j 00:47	0° \approx		morning rise	-2092 Jul 23 j 16:00	5° S 46'57	
				direct	-2092 Aug 09 j 23:49	0° S 07'06	
superior conj	-2094 Mar 03 j 18:23	25° \approx 36'58	-1°-21'-16	greatest brilliancy	-2092 Aug 24 j 11:26	3° S 50'40	-4.6m
minimum elong	-2094 Mar 03 j 23:33	25° \approx 52'52	1°21'15		-2092 Sep 26 j 17:55	0° Q	
max. Earth dist.	-2094 Mar 06 j 07:52	28° \approx 46'29	1.73129 AU	morning max el	-2092 Sep 29 j 09:34	2° Q 39'13	46°43'18
	-2094 Mar 07 j 07:43	0° H		asc. node	-2092 Oct 04 j 00:24	7° Q 23'55	
	-2094 Mar 31 j 16:51	0° Y			-2092 Oct 24 j 15:03	0° M	
evening rise	-2094 Apr 10 j 06:15	11° Y 43'48			-2092 Nov 19 j 05:08	0° U	
asc. node	-2094 Apr 19 j 05:31	22° Y 43'27			-2092 Dec 14 j 00:11	0° M	
	-2094 Apr 25 j 04:09	0° U			-2091 Jan 07 j 13:05	0° X	
	-2094 May 19 j 17:33	0° II		desc. node	-2091 Jan 23 j 16:54	19° X 48'02	
	-2094 Jun 13 j 09:27	0° S			-2091 Feb 01 j 00:43	0° Z	
	-2094 Jul 08 j 05:18	0° Q			-2091 Feb 25 j 12:31	0° \approx	
	-2094 Aug 02 j 08:03	0° M			-2091 Mar 22 j 00:36	0° H	
desc. node	-2094 Aug 08 j 21:09	7° M 43'58		morning set	-2091 Apr 04 j 18:44	16° H 50'27	
	-2094 Aug 27 j 23:29	0° U			-2091 Apr 15 j 12:32	0° Y	
	-2094 Sep 23 j 17:33	0° M		max. Earth dist.	-2091 May 09 j 10:14	29° Y 18'51	1.73680 AU
evening max el	-2094 Oct 07 j 10:13	14° M 22'42	47°29'45		-2091 May 09 j 23:39	0° U	
	-2094 Oct 23 j 21:10	0° X					
greatest brilliancy	-2094 Nov 14 j 20:57	15° X 09'39	-4.7m	superior conj	-2091 May 11 j 02:28	1° U 22'21	0°-13'-13
retrograde	-2094 Nov 27 j 10:13	18° X 08'06		minimum elong	-2091 May 11 j 05:05	1° U 30'23	0°13'04
asc. node	-2094 Nov 29 j 21:43	18° X 00'27		behind sun begin	-2091 May 10 j 16:26	0° U 51'34	
evening set	-2094 Dec 12 j 06:31	13° X 42'06		behind sun end	-2091 May 11 j 17:43	2° U 09'11	
min. Earth dist.	-2094 Dec 17 j 04:16	10° X 46'09	0.26934 AU	asc. node	-2091 May 16 j 17:26	8° U 16'52	
inferior conj	-2094 Dec 18 j 03:55	10° X 09'13	4°25'36		-2091 Jun 03 j 09:13	0° II	
minimum elong	-2094 Dec 17 j 19:24	10° X 22'32	4°23'15	evening rise	-2091 Jun 15 j 19:45	15° II 19'57	
morning rise	-2094 Dec 23 j 08:57	7° X 00'45			-2091 Jun 27 j 17:01	0° S	
direct	-2093 Jan 07 j 13:51	2° X 25'09			-2091 Jul 21 j 23:46	0° Q	
greatest brilliancy	-2093 Jan 18 j 06:26	4° X 32'33	-4.6m		-2091 Aug 15 j 06:59	0° M	
	-2093 Feb 22 j 06:37	0° Z		desc. node	-2091 Sep 05 j 09:18	25° M 56'56	
morning max el	-2093 Feb 25 j 23:05	3° Z 32'15	46°13'16		-2091 Sep 08 j 16:34	0° U	
desc. node	-2093 Mar 21 j 14:22	27° Z 56'13			-2091 Oct 03 j 06:44	0° M	
	-2093 Mar 23 j 12:08	0° \approx			-2091 Oct 28 j 05:31	0° X	
	-2093 Apr 19 j 09:16	0° H			-2091 Nov 22 j 23:26	0° Z	
	-2093 May 15 j 06:42	0° Y		evening max el	-2091 Dec 17 j 17:32	26° Z 49'04	46°49'54
	-2093 Jun 09 j 13:36	0° U			-2091 Dec 20 j 21:34	0° \approx	
	-2093 Jul 04 j 09:05	0° II		asc. node	-2091 Dec 27 j 09:37	6° \approx 16'31	
asc. node	-2093 Jul 12 j 15:07	10° II 05'31		greatest brilliancy	-2090 Jan 22 j 14:22	25° \approx 58'52	-4.6m
	-2093 Jul 28 j 18:46	0° S		retrograde	-2090 Feb 06 j 06:12	29° \approx 52'56	
	-2093 Aug 21 j 20:44	0° Q		evening set	-2090 Feb 24 j 01:16	23° \approx 42'16	
morning set	-2093 Aug 22 j 05:31	0° Q 27'32		min. Earth dist.	-2090 Feb 27 j 05:36	21° \approx 42'08	0.28862 AU
	-2093 Sep 14 j 17:49	0° M		inferior conj	-2090 Feb 27 j 12:38	21° \approx 30'56	8°14'38
				minimum elong	-2090 Feb 27 j 16:21	21° \approx 25'01	8°14'24
superior conj	-2093 Sep 29 j 22:59	19° M 10'25	1°06'27	morning rise	-2090 Mar 03 j 07:40	19° \approx 08'27	
minimum elong	-2093 Sep 30 j 09:34	19° M 43'48	1°06'08	direct	-2090 Mar 20 j 20:59	13° \approx 14'06	
max. Earth dist.	-2093 Sep 29 j 09:14	18° M 27'07	1.71041 AU	greatest brilliancy	-2090 Apr 01 j 16:39	15° \approx 44'48	-4.5m
	-2093 Oct 08 j 13:06	0° U		desc. node	-2090 Apr 18 j 01:58	25° \approx 22'33	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2090 Apr 24 j 00:05	0° H				-2088 Dec 28 j 20:46	0° \approx	
morning max el	-2090 May 08 j 17:21	13° H 07'20	45°47'12	asc. node		-2087 Jan 23 j 21:33	0° H 24'22	
	-2090 May 25 j 13:17	0° Y				-2087 Jan 23 j 12:59	0° H	
	-2090 Jun 22 j 00:22	0° B				-2087 Feb 20 j 05:11	0° Y	
asc. node	-2090 Jul 17 j 22:07	0° II		evening max el		-2087 Feb 26 j 17:25	6° Y 28'26	45°31'45
	-2090 Aug 09 j 03:05	26° II 37'19				-2087 Mar 27 j 14:22	0° B	
	-2090 Aug 11 j 21:47	0° S		greatest brilliancy		-2087 Apr 01 j 20:51	2° B 49'33	-4.5m
	-2090 Sep 05 j 06:39	0° Q		retrograde		-2087 Apr 16 j 08:04	6° B 28'52	
	-2090 Sep 29 j 06:27	0° P		evening set		-2087 May 01 j 16:28	1° B 58'42	
	-2090 Oct 23 j 02:10	0° A				-2087 May 05 j 01:50	30° R Y	
morning set	-2090 Nov 04 j 15:25	15° A 49'33		inferior conj		-2087 May 07 j 19:47	28° Y 17'32	1°46'50
	-2090 Nov 15 j 21:28	0° M		minimum elong		-2087 May 07 j 23:35	28° Y 11'34	1°45'47
desc. node	-2090 Nov 28 j 19:08	16° M 13'53		min. Earth dist.		-2087 May 08 j 07:22	27° Y 59'21	0.29042 AU
	-2090 Dec 09 j 18:22	0° J		morning rise		-2087 May 14 j 06:20	24° Y 24'56	
				desc. node		-2087 May 15 j 13:39	23° Y 43'08	
superior conj	-2090 Dec 16 j 17:37	8° J 44'01	0°-40'-29	direct		-2087 May 29 j 13:43	19° Y 56'18	
minimum elong	-2090 Dec 16 j 07:49	8° J 13'20	0°40'07	greatest brilliancy		-2087 Jun 12 j 16:09	23° Y 22'35	-4.5m
max. Earth dist.	-2090 Dec 21 j 02:24	14° J 12'06	1.71507 AU			-2087 Jun 23 j 23:31	0° B	
	-2089 Jan 02 j 17:45	0° S		morning max el		-2087 Jul 17 j 16:17	20° B 07'22	46°02'47
evening rise	-2089 Jan 26 j 18:05	29° S 53'32				-2087 Jul 27 j 13:15	0° II	
	-2089 Jan 26 j 20:10	0° \approx				-2087 Aug 23 j 23:50	0° S	
	-2089 Feb 20 j 02:33	0° H		asc. node		-2087 Sep 05 j 14:48	14° S 39'27	
	-2089 Mar 16 j 14:14	0° Y				-2087 Sep 18 j 11:59	0° Q	
asc. node	-2089 Mar 21 j 19:33	6° Y 21'22				-2087 Oct 13 j 01:41	0° P	
	-2089 Apr 10 j 08:47	0° B				-2087 Nov 06 j 04:49	0° A	
	-2089 May 05 j 12:25	0° II				-2087 Nov 30 j 04:33	0° M	
	-2089 May 31 j 05:24	0° S				-2087 Dec 24 j 04:47	0° J	
	-2089 Jun 26 j 22:00	0° Q		desc. node		-2087 Dec 26 j 07:06	2° J 36'54	
desc. node	-2089 Jul 11 j 11:22	15° Q 31'39				-2086 Jan 17 j 07:04	0° S	
evening max el	-2089 Jul 23 j 18:35	27° Q 54'48	46°25'45	morning set		-2086 Jan 20 j 22:26	4° S 31'24	
	-2089 Jul 25 j 22:35	0° P				-2086 Feb 10 j 11:38	0° \approx	
greatest brilliancy	-2089 Sep 01 j 03:26	27° P 04'12	-4.6m					
retrograde	-2089 Sep 11 j 11:34	29° P 01'16		superior conj		-2086 Mar 01 j 09:49	23° \approx 23'22	-1°-22'-8
evening set	-2089 Sep 27 j 22:28	23° P 50'52		minimum elong		-2086 Mar 01 j 14:20	23° \approx 37'17	1°22'08
inferior conj	-2089 Oct 02 j 02:19	21° P 22'17	-6°-53'-7	max. Earth dist.		-2086 Mar 04 j 00:18	26° \approx 36'04	1.73084 AU
minimum elong	-2089 Oct 02 j 13:01	21° P 06'02	6°50'55			-2086 Mar 06 j 18:28	0° H	
min. Earth dist.	-2089 Oct 02 j 15:05	21° P 02'53	0.26658 AU			-2086 Mar 31 j 03:35	0° Y	
morning rise	-2089 Oct 07 j 03:21	18° P 23'53		evening rise		-2086 Apr 07 j 23:44	9° Y 37'15	
direct	-2089 Oct 22 j 14:32	13° P 43'05		asc. node		-2086 Apr 18 j 07:30	22° Y 16'26	
asc. node	-2089 Nov 01 j 12:00	15° P 35'34				-2086 Apr 24 j 14:58	0° B	
greatest brilliancy	-2089 Nov 04 j 09:46	16° P 47'01	-4.7m			-2086 May 19 j 04:38	0° II	
	-2089 Nov 24 j 00:08	0° A				-2086 Jun 12 j 20:59	0° S	
morning max el	-2089 Dec 12 j 07:43	17° A 15'09	46°50'32			-2086 Jul 07 j 17:31	0° Q	
	-2089 Dec 24 j 10:49	0° M				-2086 Aug 01 j 21:23	0° P	
	-2088 Jan 20 j 05:06	0° J		desc. node		-2086 Aug 07 j 23:16	7° P 09'52	
	-2088 Feb 14 j 22:17	0° S				-2086 Aug 27 j 14:41	0° A	
desc. node	-2088 Feb 21 j 04:46	7° S 24'13				-2086 Sep 23 j 12:42	0° M	
	-2088 Mar 11 j 05:06	0° \approx		evening max el		-2086 Oct 04 j 23:39	11° M 57'21	47°29'22
	-2088 Apr 05 j 06:09	0° H				-2086 Oct 24 j 07:11	0° J	
	-2088 Apr 30 j 02:44	0° Y		greatest brilliancy		-2086 Nov 12 j 12:47	12° J 45'58	-4.7m
	-2088 May 24 j 18:48	0° B		retrograde		-2086 Nov 25 j 00:01	15° J 42'36	
morning set	-2088 Jun 10 j 20:24	20° B 54'19		asc. node		-2086 Nov 28 j 23:50	15° J 22'35	
asc. node	-2088 Jun 13 j 05:22	23° B 49'19		evening set		-2086 Dec 09 j 18:14	11° J 19'24	
	-2088 Jun 18 j 05:51	0° II		min. Earth dist.		-2086 Dec 14 j 18:33	8° J 20'25	0.26870 AU
	-2088 Jul 12 j 11:50	0° S		inferior conj		-2086 Dec 15 j 17:24	7° J 44'51	4°05'49
max. Earth dist.	-2088 Jul 12 j 19:57	0° S 25'13	1.72561 AU	minimum elong		-2086 Dec 15 j 09:18	7° J 57'27	4°03'30
				morning rise		-2086 Dec 21 j 01:01	4° J 33'12	
superior conj	-2088 Jul 17 j 04:25	5° S 49'48	1°08'45	direct		-2085 Jan 05 j 02:16	0° J 01'31	
minimum elong	-2088 Jul 16 j 20:02	5° S 23'44	1°08'34	greatest brilliancy		-2085 Jan 15 j 20:56	2° J 11'05	-4.6m
	-2088 Aug 05 j 13:42	0° Q				-2085 Feb 22 j 06:38	0° S	
evening rise	-2088 Aug 23 j 03:36	21° Q 58'58		morning max el		-2085 Feb 23 j 13:15	1° S 14'09	46°14'40
	-2088 Aug 29 j 13:19	0° P		desc. node		-2085 Mar 20 j 16:25	27° S 16'52	
	-2088 Sep 22 j 12:42	0° A				-2085 Mar 23 j 04:25	0° \approx	
desc. node	-2088 Oct 02 j 21:18	12° A 56'41				-2085 Apr 18 j 22:50	0° H	
	-2088 Oct 16 j 13:27	0° M				-2085 May 14 j 18:57	0° Y	
	-2088 Nov 09 j 17:01	0° J				-2085 Jun 09 j 01:07	0° B	
	-2088 Dec 04 j 01:44	0° S				-2085 Jul 03 j 20:12	0° II	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-2085 Jul 11 j 17:19	9° Π 38'28		greatest brilliancy	-2082 Jan 20 j 09:02	23° \approx 49'19	-4.6m
	-2085 Jul 28 j 05:41	0° \mathfrak{S}		retrograde	-2082 Feb 03 j 23:14	27° \approx 40'59	
morning set	-2085 Aug 19 j 20:16	28° \mathfrak{S} 09'30		evening set	-2082 Feb 21 j 18:38	21° \approx 29'19	
	-2085 Aug 21 j 07:35	0° Ω		inferior conj	-2082 Feb 25 j 05:01	19° \approx 19'15	8°18'45
	-2085 Sep 14 j 04:42	0° \mathfrak{M}		minimum elong	-2082 Feb 25 j 08:02	19° \approx 14'25	8°18'35
				min. Earth dist.	-2082 Feb 24 j 20:30	19° \approx 32'50	0.28814 AU
superior conj	-2085 Sep 27 j 10:42	16° \mathfrak{M} 41'36	1°08'43	morning rise	-2082 Feb 28 j 21:44	17° \approx 00'11	
minimum elong	-2085 Sep 27 j 20:58	17° \mathfrak{M} 13'58	1°08'26	direct	-2082 Mar 18 j 13:09	11° \approx 03'33	
max. Earth dist.	-2085 Sep 26 j 18:22	15° \mathfrak{M} 50'07	1.71067 AU	greatest brilliancy	-2082 Mar 30 j 04:33	13° \approx 30'16	-4.5m
	-2085 Oct 08 j 00:04	0° \mathfrak{A}		desc. node	-2082 Apr 17 j 03:59	24° \approx 16'50	
desc. node	-2085 Oct 31 j 09:19	29° \mathfrak{A} 26'30			-2082 Apr 24 j 06:15	0° \mathfrak{K}	
	-2085 Oct 31 j 19:59	0° \mathfrak{M}		morning max el	-2082 May 06 j 09:09	10° \mathfrak{K} 57'46	45°47'20
evening rise	-2085 Nov 07 j 22:37	8° \mathfrak{M} 56'05			-2082 May 25 j 06:34	0° \mathfrak{Y}	
	-2085 Nov 24 j 17:46	0° \mathfrak{X}			-2082 Jun 21 j 14:17	0° \mathfrak{B}	
	-2085 Dec 18 j 18:23	0° \mathfrak{Z}			-2082 Jul 17 j 10:36	0° Π	
	-2084 Jan 11 j 23:32	0° \approx		asc. node	-2082 Aug 08 j 05:05	26° Π 07'29	
	-2084 Feb 05 j 12:17	0° \mathfrak{K}			-2082 Aug 11 j 09:32	0° \mathfrak{S}	
asc. node	-2084 Feb 21 j 09:32	19° \mathfrak{K} 06'38			-2082 Sep 04 j 18:03	0° Ω	
	-2084 Mar 01 j 13:37	0° \mathfrak{Y}			-2082 Sep 28 j 17:41	0° \mathfrak{M}	
	-2084 Mar 27 j 11:46	0° \mathfrak{B}			-2082 Oct 22 j 13:19	0° \mathfrak{A}	
	-2084 Apr 24 j 01:09	0° Π		morning set	-2082 Nov 02 j 01:44	13° \mathfrak{A} 15'47	
evening max el	-2084 May 08 j 11:54	14° Π 24'44	45°17'05		-2082 Nov 15 j 08:34	0° \mathfrak{M}	
	-2084 May 26 j 09:28	0° \mathfrak{S}		desc. node	-2082 Nov 27 j 21:17	15° \mathfrak{M} 45'52	
desc. node	-2084 Jun 12 j 01:41	10° \mathfrak{S} 28'44			-2082 Dec 09 j 05:26	0° \mathfrak{X}	
greatest brilliancy	-2084 Jun 13 j 16:22	11° \mathfrak{S} 10'24	-4.5m				
retrograde	-2084 Jun 26 j 01:37	13° \mathfrak{S} 51'25		superior conj	-2082 Dec 14 j 02:55	6° \mathfrak{X} 08'11	0°-36'-57
evening set	-2084 Jul 12 j 07:05	8° \mathfrak{S} 53'34		minimum elong	-2082 Dec 13 j 17:45	5° \mathfrak{X} 39'28	0°36'35
inferior conj	-2084 Jul 17 j 06:19	5° \mathfrak{S} 56'30	-7°-9'-12	max. Earth dist.	-2082 Dec 18 j 12:57	11° \mathfrak{X} 40'15	1.71459 AU
minimum elong	-2084 Jul 16 j 20:31	6° \mathfrak{S} 11'29	7°07'29		-2081 Jan 02 j 04:47	0° \mathfrak{Z}	
min. Earth dist.	-2084 Jul 17 j 13:32	5° \mathfrak{S} 45'30	0.28202 AU	evening rise	-2081 Jan 24 j 06:15	27° \mathfrak{Z} 28'06	
morning rise	-2084 Jul 21 j 09:40	3° \mathfrak{S} 27'10			-2081 Jan 26 j 07:12	0° \approx	
	-2084 Jul 28 j 06:20	30° \mathfrak{R} Π			-2081 Feb 19 j 13:37	0° \mathfrak{K}	
direct	-2084 Aug 07 j 15:39	27° Π 51'12			-2081 Mar 16 j 01:27	0° \mathfrak{Y}	
	-2084 Aug 18 j 11:00	0° \mathfrak{S}		asc. node	-2081 Mar 20 j 21:37	5° \mathfrak{Y} 53'25	
greatest brilliancy	-2084 Aug 22 j 02:44	1° \mathfrak{S} 34'36	-4.6m		-2081 Apr 09 j 20:22	0° \mathfrak{B}	
	-2084 Sep 26 j 16:34	0° Ω			-2081 May 05 j 00:47	0° Π	
morning max el	-2084 Sep 27 j 00:48	0° Ω 20'47	46°42'03		-2081 May 30 j 19:13	0° \mathfrak{S}	
asc. node	-2084 Oct 03 j 02:29	6° Ω 36'14			-2081 Jun 26 j 14:51	0° Ω	
	-2084 Oct 24 j 07:14	0° \mathfrak{M}		desc. node	-2081 Jul 10 j 13:25	14° Ω 45'43	
	-2084 Nov 18 j 19:02	0° \mathfrak{A}		evening max el	-2081 Jul 21 j 07:04	25° Ω 30'52	46°22'30
	-2084 Dec 13 j 12:56	0° \mathfrak{M}			-2081 Jul 26 j 00:03	0° \mathfrak{M}	
	-2083 Jan 07 j 01:06	0° \mathfrak{X}		greatest brilliancy	-2081 Aug 29 j 16:57	24° \mathfrak{M} 38'16	-4.6m
desc. node	-2083 Jan 22 j 18:59	19° \mathfrak{X} 18'45		retrograde	-2081 Sep 08 j 22:44	26° \mathfrak{M} 33'16	
	-2083 Jan 31 j 12:11	0° \mathfrak{Z}		evening set	-2081 Sep 25 j 13:57	21° \mathfrak{M} 18'19	
	-2083 Feb 24 j 23:36	0° \approx		inferior conj	-2081 Sep 29 j 14:32	18° \mathfrak{M} 54'28	-7°-8'00
	-2083 Mar 21 j 11:24	0° \mathfrak{K}		minimum elong	-2081 Sep 30 j 01:03	18° \mathfrak{M} 38'30	7°05'58
morning set	-2083 Apr 02 j 12:36	14° \mathfrak{K} 45'22		min. Earth dist.	-2081 Sep 30 j 04:22	18° \mathfrak{M} 33'27	0.26704 AU
	-2083 Apr 14 j 23:11	0° \mathfrak{Y}		morning rise	-2081 Oct 04 j 11:51	16° \mathfrak{M} 00'53	
max. Earth dist.	-2083 May 07 j 10:08	27° \mathfrak{Y} 32'18	1.73693 AU	direct	-2081 Oct 20 j 02:50	11° \mathfrak{M} 14'23	
				asc. node	-2081 Oct 31 j 14:09	13° \mathfrak{M} 42'59	
superior conj	-2083 May 08 j 21:17	29° \mathfrak{Y} 20'12	0°-16'-13	greatest brilliancy	-2081 Nov 02 j 00:38	14° \mathfrak{M} 20'21	-4.7m
minimum elong	-2083 May 09 j 00:29	29° \mathfrak{Y} 30'02	0°16'04		-2081 Nov 24 j 09:49	0° \mathfrak{A}	
	-2083 May 09 j 10:15	0° \mathfrak{B}		morning max el	-2081 Dec 09 j 19:55	14° \mathfrak{A} 45'18	46°51'13
asc. node	-2083 May 15 j 19:35	7° \mathfrak{B} 50'53			-2081 Dec 24 j 05:54	0° \mathfrak{M}	
	-2083 Jun 02 j 19:53	0° Π			-2080 Jan 19 j 20:17	0° \mathfrak{X}	
evening rise	-2083 Jun 13 j 15:04	13° Π 18'25			-2080 Feb 14 j 11:39	0° \mathfrak{Z}	
	-2083 Jun 27 j 03:51	0° \mathfrak{S}		desc. node	-2080 Feb 20 j 06:44	6° \mathfrak{Z} 51'22	
	-2083 Jul 21 j 10:52	0° Ω			-2080 Mar 10 j 17:26	0° \approx	
	-2083 Aug 14 j 18:30	0° \mathfrak{M}			-2080 Apr 04 j 17:49	0° \mathfrak{K}	
desc. node	-2083 Sep 04 j 11:18	25° \mathfrak{M} 26'21			-2080 Apr 29 j 13:57	0° \mathfrak{Y}	
	-2083 Sep 08 j 04:38	0° \mathfrak{A}			-2080 May 24 j 05:44	0° \mathfrak{B}	
	-2083 Oct 02 j 19:33	0° \mathfrak{M}		morning set	-2080 Jun 08 j 15:05	18° \mathfrak{B} 50'59	
	-2083 Oct 27 j 19:31	0° \mathfrak{X}		asc. node	-2080 Jun 12 j 07:34	23° \mathfrak{B} 22'49	
	-2083 Nov 22 j 15:46	0° \mathfrak{Z}			-2080 Jun 17 j 16:39	0° Π	
evening max el	-2083 Dec 15 j 10:00	24° \mathfrak{Z} 34'22	46°52'40	max. Earth dist.	-2080 Jul 10 j 14:50	28° Π 21'12	1.72623 AU
	-2083 Dec 20 j 20:41	0° \approx			-2080 Jul 11 j 22:39	0° \mathfrak{S}	
asc. node	-2083 Dec 26 j 11:51	5° \approx 20'49					

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-2080 Jul 14 j 22:18	3° \mathfrak{D} 42'34	1°06'52			-2078 Dec 22 j 19:28	30° \mathfrak{R} \mathfrak{M}	
minimum elong	-2080 Jul 14 j 13:46	3° \mathfrak{D} 16'01	1°06'40	direct		-2077 Jan 02 j 15:00	27° \mathfrak{M} 35'22	
	-2080 Aug 05 j 00:40	0° \mathfrak{Q}		greatest brilliancy		-2077 Jan 13 j 10:44	29° \mathfrak{M} 46'35	-4.6m
evening rise	-2080 Aug 20 j 18:39	19° \mathfrak{Q} 41'18				-2077 Jan 14 j 00:25	0° \mathfrak{X}	
	-2080 Aug 29 j 00:28	0° \mathfrak{M}		morning max el		-2077 Feb 21 j 04:03	28° \mathfrak{X} 55'58	46°16'08
	-2080 Sep 22 j 00:04	0° \mathfrak{A}				-2077 Feb 22 j 06:14	0° \mathfrak{Z}	
desc. node	-2080 Oct 01 j 23:24	12° \mathfrak{A} 27'19		desc. node		-2077 Mar 19 j 18:34	26° \mathfrak{Z} 36'48	
	-2080 Oct 16 j 01:06	0° \mathfrak{M}				-2077 Mar 22 j 20:54	0° \approx	
	-2080 Nov 09 j 04:59	0° \mathfrak{X}				-2077 Apr 18 j 12:42	0° \mathfrak{H}	
	-2080 Dec 03 j 14:13	0° \mathfrak{Z}				-2077 May 14 j 07:31	0° \mathfrak{Y}	
	-2080 Dec 28 j 10:05	0° \approx				-2077 Jun 08 j 12:58	0° \mathfrak{B}	
asc. node	-2079 Jan 22 j 23:34	29° \approx 47'09				-2077 Jul 03 j 07:38	0° \mathfrak{I}	
	-2079 Jan 23 j 04:06	0° \mathfrak{H}		asc. node		-2077 Jul 10 j 19:19	9° \mathfrak{I} 09'49	
	-2079 Feb 20 j 01:18	0° \mathfrak{Y}				-2077 Jul 27 j 16:55	0° \mathfrak{D}	
evening max el	-2079 Feb 24 j 08:01	4° \mathfrak{Y} 13'47	45°33'49	morning set		-2077 Aug 17 j 11:39	25° \mathfrak{D} 52'41	
	-2079 Mar 29 j 03:37	0° \mathfrak{B}				-2077 Aug 20 j 18:43	0° \mathfrak{Q}	
greatest brilliancy	-2079 Mar 30 j 11:30	0° \mathfrak{B} 39'13	-4.5m			-2077 Sep 13 j 15:51	0° \mathfrak{M}	
retrograde	-2079 Apr 14 j 00:41	4° \mathfrak{B} 21'38		max. Earth dist.		-2077 Sep 24 j 03:41	13° \mathfrak{M} 13'00	1.71094 AU
evening set	-2079 Apr 29 j 10:40	29° \mathfrak{Y} 48'35						
	-2079 Apr 29 j 02:20	30° \mathfrak{R} \mathfrak{Y}		superior conj		-2077 Sep 24 j 23:06	14° \mathfrak{M} 14'10	1°10'49
inferior conj	-2079 May 05 j 12:30	26° \mathfrak{Y} 09'39	2°05'34	minimum elong		-2077 Sep 25 j 08:58	14° \mathfrak{M} 45'14	1°10'34
minimum elong	-2079 May 05 j 16:56	26° \mathfrak{Y} 02'42	2°04'21			-2077 Oct 07 j 11:17	0° \mathfrak{A}	
min. Earth dist.	-2079 May 06 j 00:24	25° \mathfrak{Y} 50'59	0.29059 AU	desc. node		-2077 Oct 30 j 11:30	28° \mathfrak{A} 57'43	
morning rise	-2079 May 11 j 22:47	22° \mathfrak{Y} 17'21				-2077 Oct 31 j 07:19	0° \mathfrak{M}	
desc. node	-2079 May 14 j 15:51	20° \mathfrak{Y} 53'25		evening rise		-2077 Nov 05 j 07:59	6° \mathfrak{M} 19'06	
direct	-2079 May 27 j 05:52	17° \mathfrak{Y} 47'54				-2077 Nov 24 j 05:13	0° \mathfrak{X}	
greatest brilliancy	-2079 Jun 10 j 08:39	21° \mathfrak{Y} 14'14	-4.5m			-2077 Dec 18 j 05:59	0° \mathfrak{Z}	
	-2079 Jun 24 j 15:33	0° \mathfrak{B}				-2076 Jan 11 j 11:20	0° \approx	
morning max el	-2079 Jul 15 j 08:23	17° \mathfrak{B} 56'43	46°01'44			-2076 Feb 05 j 00:29	0° \mathfrak{H}	
	-2079 Jul 27 j 08:05	0° \mathfrak{I}		asc. node		-2076 Feb 20 j 11:37	18° \mathfrak{H} 35'11	
	-2079 Aug 23 j 14:33	0° \mathfrak{D}				-2076 Mar 01 j 02:38	0° \mathfrak{Y}	
asc. node	-2079 Sep 04 j 16:55	14° \mathfrak{D} 05'08				-2076 Mar 27 j 02:28	0° \mathfrak{B}	
	-2079 Sep 18 j 01:07	0° \mathfrak{Q}				-2076 Apr 23 j 20:04	0° \mathfrak{I}	
	-2079 Oct 12 j 14:03	0° \mathfrak{M}		evening max el		-2076 May 06 j 03:59	12° \mathfrak{I} 13'35	45°16'07
	-2079 Nov 05 j 16:46	0° \mathfrak{A}				-2076 May 27 j 00:02	0° \mathfrak{D}	
	-2079 Nov 29 j 16:14	0° \mathfrak{M}		greatest brilliancy		-2076 Jun 11 j 04:40	8° \mathfrak{D} 53'04	-4.5m
	-2079 Dec 23 j 16:16	0° \mathfrak{X}		desc. node		-2076 Jun 11 j 03:44	8° \mathfrak{D} 52'06	
desc. node	-2079 Dec 25 j 09:13	2° \mathfrak{X} 07'45		retrograde		-2076 Jun 23 j 16:02	11° \mathfrak{D} 35'44	
	-2078 Jan 16 j 18:22	0° \mathfrak{Z}		evening set		-2076 Jul 09 j 18:20	6° \mathfrak{D} 42'38	
morning set	-2078 Jan 18 j 09:46	2° \mathfrak{Z} 02'25		inferior conj		-2076 Jul 14 j 20:58	3° \mathfrak{D} 40'23	-6°-56'-21
	-2078 Feb 09 j 22:46	0° \approx		minimum elong		-2076 Jul 14 j 10:58	3° \mathfrak{D} 55'41	6°54'30
				min. Earth dist.		-2076 Jul 15 j 03:45	3° \mathfrak{D} 29'59	0.28237 AU
superior conj	-2078 Feb 27 j 00:56	21° \approx 07'50	-1°-22'-53	morning rise		-2076 Jul 19 j 03:19	1° \mathfrak{D} 06'25	
minimum elong	-2078 Feb 27 j 04:44	21° \approx 19'33	1°22'53			-2076 Jul 21 j 02:41	30° \mathfrak{R} \mathfrak{I}	
max. Earth dist.	-2078 Mar 01 j 15:47	24° \approx 21'44	1.73037 AU	direct		-2076 Aug 05 j 07:20	25° \mathfrak{I} 34'37	
	-2078 Mar 06 j 05:30	0° \mathfrak{H}		greatest brilliancy		-2076 Aug 19 j 17:04	29° \mathfrak{I} 16'21	-4.6m
	-2078 Mar 30 j 14:36	0° \mathfrak{Y}				-2076 Aug 21 j 04:03	0° \mathfrak{D}	
evening rise	-2078 Apr 05 j 17:12	7° \mathfrak{Y} 29'45		morning max el		-2076 Sep 24 j 15:18	27° \mathfrak{D} 59'48	46°40'57
asc. node	-2078 Apr 17 j 09:42	21° \mathfrak{Y} 49'12				-2076 Sep 26 j 14:38	0° \mathfrak{Q}	
	-2078 Apr 24 j 02:06	0° \mathfrak{B}		asc. node		-2076 Oct 02 j 04:39	5° \mathfrak{Q} 48'47	
	-2078 May 18 j 16:00	0° \mathfrak{I}				-2076 Oct 23 j 23:24	0° \mathfrak{M}	
	-2078 Jun 12 j 08:47	0° \mathfrak{D}				-2076 Nov 18 j 09:03	0° \mathfrak{A}	
	-2078 Jul 07 j 06:00	0° \mathfrak{Q}				-2076 Dec 13 j 01:53	0° \mathfrak{M}	
	-2078 Aug 01 j 10:58	0° \mathfrak{M}				-2075 Jan 06 j 13:23	0° \mathfrak{X}	
desc. node	-2078 Aug 07 j 01:17	6° \mathfrak{M} 34'47		desc. node		-2075 Jan 21 j 20:58	18° \mathfrak{X} 48'04	
	-2078 Aug 27 j 06:17	0° \mathfrak{A}				-2075 Jan 31 j 00:02	0° \mathfrak{Z}	
	-2078 Sep 23 j 08:43	0° \mathfrak{M}				-2075 Feb 24 j 11:06	0° \approx	
evening max el	-2078 Oct 02 j 13:54	9° \mathfrak{M} 33'17	47°28'36			-2075 Mar 20 j 22:39	0° \mathfrak{H}	
	-2078 Oct 24 j 21:17	0° \mathfrak{X}		morning set		-2075 Mar 31 j 05:56	12° \mathfrak{H} 37'20	
greatest brilliancy	-2078 Nov 10 j 03:34	10° \mathfrak{X} 19'11	-4.7m			-2075 Apr 14 j 10:16	0° \mathfrak{Y}	
retrograde	-2078 Nov 22 j 13:55	13° \mathfrak{X} 14'47		max. Earth dist.		-2075 May 05 j 08:44	25° \mathfrak{Y} 40'33	1.73698 AU
asc. node	-2078 Nov 28 j 02:02	12° \mathfrak{X} 36'29						
evening set	-2078 Dec 07 j 05:50	8° \mathfrak{X} 54'01		superior conj		-2075 May 06 j 15:43	27° \mathfrak{Y} 15'39	0°-19'-16
min. Earth dist.	-2078 Dec 12 j 08:20	5° \mathfrak{X} 52'21	0.26814 AU	minimum elong		-2075 May 06 j 19:29	27° \mathfrak{Y} 27'15	0°19'05
inferior conj	-2078 Dec 13 j 06:32	5° \mathfrak{X} 17'55	3°45'05			-2075 May 08 j 21:15	0° \mathfrak{B}	
minimum elong	-2078 Dec 12 j 22:57	5° \mathfrak{X} 29'42	3°42'52	asc. node		-2075 May 14 j 21:42	7° \mathfrak{B} 23'34	
morning rise	-2078 Dec 18 j 16:44	2° \mathfrak{X} 03'19				-2075 Jun 02 j 06:56	0° \mathfrak{I}	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-2075 Jun 11 j 10:10	11° Π 15'05			-2072 Feb 14 j 00:56	0° Θ		
	-2075 Jun 26 j 15:04	0° Θ		desc. node	-2072 Feb 19 j 08:56	6° Θ 19'21		
	-2075 Jul 20 j 22:23	0° Ω			-2072 Mar 10 j 05:43	0° \approx		
	-2075 Aug 14 j 06:25	0° η			-2072 Apr 04 j 05:29	0° H		
desc. node	-2075 Sep 03 j 13:26	24° η 55'07			-2072 Apr 29 j 01:13	0° Υ		
	-2075 Sep 07 j 17:04	0° $\underline{\Omega}$			-2072 May 23 j 16:45	0° B		
	-2075 Oct 02 j 08:42	0° M		morning set	-2072 Jun 06 j 09:31	16° B 46'30		
	-2075 Oct 27 j 09:52	0° J		asc. node	-2072 Jun 11 j 09:33	22° B 55'16		
	-2075 Nov 22 j 08:36	0° Θ			-2072 Jun 17 j 03:35	0° Π		
evening max el	-2075 Dec 13 j 01:40	22° Θ 16'43	46°55'09	max. Earth dist.	-2072 Jul 08 j 10:38	26° Π 19'47	1.72682 AU	
	-2075 Dec 20 j 21:11	0° \approx			-2072 Jul 11 j 09:35	0° Θ		
asc. node	-2075 Dec 25 j 13:48	4° \approx 22'31						
greatest brilliancy	-2074 Jan 18 j 03:42	21° \approx 38'22	-4.6m	superior conj	-2072 Jul 12 j 15:54	1° Θ 34'07	1°04'52	
retrograde	-2074 Feb 01 j 15:33	25° \approx 27'24		minimum elong	-2072 Jul 12 j 07:14	1° Θ 07'13	1°04'38	
evening set	-2074 Feb 19 j 11:34	19° \approx 15'18			-2072 Aug 04 j 11:42	0° Ω		
inferior conj	-2074 Feb 22 j 21:16	17° \approx 06'03	8°22'04	evening rise	-2072 Aug 18 j 09:37	17° Ω 23'15		
minimum elong	-2074 Feb 22 j 23:36	17° \approx 02'20	8°21'57		-2072 Aug 28 j 11:40	0° η		
min. Earth dist.	-2074 Feb 22 j 11:40	17° \approx 21'25	0.28770 AU		-2072 Sep 21 j 11:30	0° $\underline{\Omega}$		
morning rise	-2074 Feb 26 j 11:54	14° \approx 49'55		desc. node	-2072 Oct 01 j 01:32	11° $\underline{\Omega}$ 57'58		
direct	-2074 Mar 16 j 04:51	8° \approx 51'20			-2072 Oct 15 j 12:47	0° M		
greatest brilliancy	-2074 Mar 27 j 17:16	11° \approx 14'54	-4.5m		-2072 Nov 08 j 17:02	0° J		
desc. node	-2074 Apr 16 j 06:11	23° \approx 11'40			-2072 Dec 03 j 02:44	0° Θ		
	-2074 Apr 24 j 11:05	0° H			-2072 Dec 27 j 23:26	0° \approx		
morning max el	-2074 May 04 j 00:05	8° H 44'30	45°47'31	asc. node	-2071 Jan 22 j 01:44	29° \approx 10'27		
	-2074 May 24 j 23:59	0° Υ			-2071 Jan 22 j 19:18	0° H		
	-2074 Jun 21 j 04:27	0° B			-2071 Feb 19 j 21:54	0° Υ		
	-2074 Jul 16 j 23:20	0° Π		evening max el	-2071 Feb 21 j 23:09	2° Υ 00'53	45°35'59	
asc. node	-2074 Aug 07 j 07:11	25° Π 37'09		greatest brilliancy	-2071 Mar 28 j 01:39	28° Υ 28'46	-4.5m	
	-2074 Aug 10 j 21:33	0° Θ			-2071 Mar 31 j 14:12	0° B		
	-2074 Sep 04 j 05:42	0° Ω		retrograde	-2071 Apr 11 j 17:43	2° B 14'45		
	-2074 Sep 28 j 05:09	0° η			-2071 Apr 22 j 09:17	30° R Υ		
	-2074 Oct 22 j 00:42	0° $\underline{\Omega}$		evening set	-2071 Apr 27 j 05:01	27° Υ 38'36		
morning set	-2074 Oct 30 j 12:21	10° $\underline{\Omega}$ 42'12		inferior conj	-2071 May 03 j 05:12	24° Υ 01'53	2°24'09	
	-2074 Nov 14 j 19:52	0° M		minimum elong	-2071 May 03 j 10:14	23° Υ 54'00	2°22'46	
desc. node	-2074 Nov 26 j 23:22	15° M 16'58		min. Earth dist.	-2071 May 03 j 17:05	23° Υ 43'17	0.29081 AU	
	-2074 Dec 08 j 16:39	0° J		morning rise	-2071 May 09 j 15:06	20° Υ 10'16		
				desc. node	-2071 May 13 j 17:55	18° Υ 07'45		
superior conj	-2074 Dec 11 j 12:35	3° J 32'59	0°-33'-20	direct	-2071 May 24 j 22:32	15° Υ 39'37		
minimum elong	-2074 Dec 11 j 04:08	3° J 06'28	0°33'01	greatest brilliancy	-2071 Jun 08 j 01:21	19° Υ 06'20	-4.5m	
max. Earth dist.	-2074 Dec 15 j 22:06	9° J 03'31	1.71407 AU		-2071 Jun 25 j 03:34	0° B		
	-2073 Jan 01 j 15:57	0° Θ		morning max el	-2071 Jul 13 j 01:17	15° B 48'02	46°00'35	
evening rise	-2073 Jan 21 j 18:35	25° Θ 02'37			-2071 Jul 27 j 02:29	0° Π		
	-2073 Jan 25 j 18:22	0° \approx			-2071 Aug 23 j 05:08	0° Θ		
	-2073 Feb 19 j 00:52	0° H		asc. node	-2071 Sep 03 j 19:08	13° Θ 31'17		
	-2073 Mar 15 j 12:54	0° Υ			-2071 Sep 17 j 14:08	0° Ω		
asc. node	-2073 Mar 19 j 23:47	5° Υ 24'56			-2071 Oct 12 j 02:18	0° η		
	-2073 Apr 09 j 08:16	0° B			-2071 Nov 05 j 04:34	0° $\underline{\Omega}$		
	-2073 May 04 j 13:30	0° Π			-2071 Nov 29 j 03:46	0° M		
	-2073 May 30 j 09:29	0° Θ			-2071 Dec 23 j 03:36	0° J		
	-2073 Jun 26 j 08:20	0° Ω		desc. node	-2071 Dec 24 j 11:10	1° J 38'29		
desc. node	-2073 Jul 09 j 15:27	13° Ω 58'18		morning set	-2070 Jan 15 j 21:02	29° J 33'39		
evening max el	-2073 Jul 18 j 18:47	23° Ω 04'34	46°19'28		-2070 Jan 16 j 05:31	0° Θ		
	-2073 Jul 26 j 03:13	0° η			-2070 Feb 09 j 09:44	0° \approx		
greatest brilliancy	-2073 Aug 27 j 05:50	22° η 11'12	-4.6m					
retrograde	-2073 Sep 06 j 09:55	24° η 05'08		superior conj	-2070 Feb 24 j 16:06	18° \approx 52'54	-1°-23'-29	
evening set	-2073 Sep 23 j 05:24	18° η 45'10		minimum elong	-2070 Feb 24 j 19:10	19° \approx 02'20	1°23'31	
inferior conj	-2073 Sep 27 j 02:45	16° η 26'13	-7°-22'-4	max. Earth dist.	-2070 Feb 27 j 08:32	22° \approx 11'47	1.72987 AU	
minimum elong	-2073 Sep 27 j 13:00	16° η 10'40	7°20'11		-2070 Mar 05 j 16:20	0° H		
min. Earth dist.	-2073 Sep 27 j 17:37	16° η 03'40	0.26751 AU		-2070 Mar 30 j 01:24	0° Υ		
morning rise	-2073 Oct 01 j 20:16	13° η 37'53		evening rise	-2070 Apr 03 j 10:50	5° Υ 23'31		
direct	-2073 Oct 17 j 15:06	8° η 45'03		asc. node	-2070 Apr 16 j 11:49	21° Υ 22'24		
greatest brilliancy	-2073 Oct 30 j 16:27	11° η 54'33	-4.7m		-2070 Apr 23 j 13:00	0° B		
asc. node	-2073 Oct 30 j 16:19	11° η 54'24			-2070 May 18 j 03:12	0° Π		
	-2073 Nov 24 j 17:04	0° $\underline{\Omega}$			-2070 Jun 11 j 20:27	0° Θ		
morning max el	-2073 Dec 07 j 08:41	12° $\underline{\Omega}$ 16'30	46°52'04		-2070 Jul 06 j 18:25	0° Ω		
	-2073 Dec 24 j 00:35	0° M			-2070 Aug 01 j 00:35	0° η		
	-2072 Jan 19 j 11:18	0° J		desc. node	-2070 Aug 06 j 03:25	6° η 00'10		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2070 Aug 26 j 22:01	0°♄				-2067 Jan 30 j 11:30	0°♁		
	-2070 Sep 23 j 05:12	0°♌				-2067 Feb 23 j 22:13	0°♊		
evening max el	-2070 Sep 30 j 04:56	7°♌11'46	47°27'51			-2067 Mar 20 j 09:31	0°♋		
	-2070 Oct 25 j 15:43	0°♌		morning set		-2067 Mar 28 j 23:19	10°♋30'32		
greatest brilliancy	-2070 Nov 07 j 18:14	7°♌52'51	-4.7m			-2067 Apr 13 j 20:58	0°♍		
retrograde	-2070 Nov 20 j 04:02	10°♌47'12		max. Earth dist.		-2067 May 03 j 05:54	23°♍45'39	1.73699 AU	
asc. node	-2070 Nov 27 j 04:02	9°♌45'09							
evening set	-2070 Dec 04 j 17:37	6°♌28'50		superior conj		-2067 May 04 j 10:26	25°♍13'13	0°-22'-15	
min. Earth dist.	-2070 Dec 09 j 21:54	3°♌24'47	0.26756 AU	minimum elong		-2067 May 04 j 14:46	25°♍26'30	0°22'02	
inferior conj	-2070 Dec 10 j 19:34	2°♌51'16	3°23'47			-2067 May 08 j 07:53	0°♎		
minimum elong	-2070 Dec 10 j 12:33	3°♌02'07	3°21'42	asc. node		-2067 May 13 j 23:44	6°♎57'10		
	-2070 Dec 15 j 13:32	30°♌				-2067 Jun 01 j 17:35	0°♏		
morning rise	-2070 Dec 16 j 08:14	29°♌33'51		evening rise		-2067 Jun 09 j 05:38	9°♏14'13		
direct	-2070 Dec 31 j 04:06	25°♌09'43				-2067 Jun 26 j 01:52	0°♐		
greatest brilliancy	-2069 Jan 10 j 23:45	27°♌21'35	-4.6m			-2067 Jul 20 j 09:29	0°♑		
	-2069 Jan 16 j 16:09	0°♌				-2067 Aug 13 j 17:57	0°♒		
morning max el	-2069 Feb 18 j 18:57	26°♌38'43	46°17'35	desc. node		-2067 Sep 02 j 15:34	24°♒24'56		
	-2069 Feb 22 j 04:32	0°♁				-2067 Sep 07 j 05:11	0°♁		
desc. node	-2069 Mar 18 j 20:40	25°♁57'55				-2067 Oct 01 j 21:39	0°♌		
	-2069 Mar 22 j 12:46	0°♊				-2067 Oct 27 j 00:08	0°♌		
	-2069 Apr 18 j 02:06	0°♋				-2067 Nov 22 j 01:34	0°♁		
	-2069 May 13 j 19:40	0°♍		evening max el		-2067 Dec 10 j 16:20	19°♁56'49	46°57'42	
	-2069 Jun 08 j 00:26	0°♎				-2067 Dec 20 j 22:43	0°♊		
	-2069 Jul 02 j 18:45	0°♏		asc. node		-2067 Dec 24 j 15:59	3°♊23'54		
asc. node	-2069 Jul 09 j 21:27	8°♏42'33		greatest brilliancy		-2066 Jan 15 j 22:08	19°♊27'21	-4.6m	
	-2069 Jul 27 j 03:51	0°♐		retrograde		-2066 Jan 30 j 07:27	23°♊14'11		
morning set	-2069 Aug 15 j 02:56	23°♐36'19		evening set		-2066 Feb 17 j 04:06	17°♊02'03		
	-2069 Aug 20 j 05:37	0°♑		min. Earth dist.		-2066 Feb 20 j 02:57	15°♊10'07	0.28720 AU	
	-2069 Sep 13 j 02:48	0°♒		inferior conj		-2066 Feb 20 j 13:25	14°♊53'22	8°24'39	
max. Earth dist.	-2069 Sep 21 j 09:03	10°♒24'05	1.71124 AU	minimum elong		-2066 Feb 20 j 15:01	14°♊50'48	8°24'35	
				morning rise		-2066 Feb 24 j 02:11	12°♊39'52		
superior conj	-2069 Sep 22 j 11:23	11°♒47'03	1°12'47	direct		-2066 Mar 13 j 19:56	6°♊39'32		
minimum elong	-2069 Sep 22 j 20:45	12°♒16'32	1°12'33	greatest brilliancy		-2066 Mar 25 j 06:45	9°♊01'05	-4.5m	
	-2069 Oct 06 j 22:19	0°♁		desc. node		-2066 Apr 15 j 08:14	22°♊08'51		
desc. node	-2069 Oct 29 j 13:31	28°♁29'07				-2066 Apr 24 j 13:43	0°♋		
	-2069 Oct 30 j 18:26	0°♌		morning max el		-2066 May 01 j 14:38	6°♋31'19	45°47'55	
evening rise	-2069 Nov 02 j 16:58	3°♌41'35				-2066 May 24 j 16:37	0°♍		
	-2069 Nov 23 j 16:25	0°♌				-2066 Jun 20 j 18:04	0°♎		
	-2069 Dec 17 j 17:17	0°♁				-2066 Jul 16 j 11:35	0°♏		
	-2068 Jan 10 j 22:51	0°♊		asc. node		-2066 Aug 06 j 09:24	25°♏08'30		
	-2068 Feb 04 j 12:25	0°♋				-2066 Aug 10 j 09:06	0°♐		
asc. node	-2068 Feb 19 j 13:49	18°♋04'57				-2066 Sep 03 j 16:55	0°♑		
	-2068 Feb 29 j 15:22	0°♍				-2066 Sep 27 j 16:15	0°♒		
	-2068 Mar 26 j 16:56	0°♎				-2066 Oct 21 j 11:44	0°♁		
	-2068 Apr 23 j 14:58	0°♏		morning set		-2066 Oct 27 j 22:57	8°♁09'27		
evening max el	-2068 May 03 j 19:38	10°♏02'49	45°15'16			-2066 Nov 14 j 06:53	0°♌		
	-2068 May 27 j 18:27	0°♐		desc. node		-2066 Nov 26 j 01:24	14°♌48'42		
greatest brilliancy	-2068 Jun 08 j 17:51	6°♐38'42	-4.5m			-2066 Dec 08 j 03:39	0°♌		
desc. node	-2068 Jun 10 j 05:44	7°♐13'52							
retrograde	-2068 Jun 21 j 06:11	9°♐22'22		superior conj		-2066 Dec 08 j 21:45	0°♌56'44	0°-29'-37	
evening set	-2068 Jul 07 j 06:01	4°♐33'48		minimum elong		-2066 Dec 08 j 14:05	0°♌32'42	0°29'19	
inferior conj	-2068 Jul 12 j 11:55	1°♐26'37	-6°-42'-53	max. Earth dist.		-2066 Dec 13 j 02:48	6°♌13'27	1.71362 AU	
minimum elong	-2068 Jul 12 j 01:49	1°♐42'08	6°40'55			-2065 Jan 01 j 02:56	0°♁		
min. Earth dist.	-2068 Jul 12 j 18:35	1°♐16'24	0.28276 AU	evening rise		-2065 Jan 19 j 06:12	22°♁35'30		
	-2068 Jul 14 j 20:37	30°♒				-2065 Jan 25 j 05:20	0°♊		
morning rise	-2068 Jul 16 j 21:17	28°♒47'55				-2065 Feb 18 j 11:54	0°♋		
direct	-2068 Aug 02 j 22:57	23°♒20'17				-2065 Mar 15 j 00:06	0°♍		
greatest brilliancy	-2068 Aug 17 j 07:47	27°♒00'15	-4.6m	asc. node		-2065 Mar 19 j 01:51	4°♍57'01		
	-2068 Aug 22 j 19:22	0°♐				-2065 Apr 08 j 19:54	0°♎		
morning max el	-2068 Sep 22 j 04:59	25°♐37'46	46°39'33			-2065 May 04 j 01:59	0°♏		
	-2068 Sep 26 j 11:35	0°♑				-2065 May 29 j 23:33	0°♐		
asc. node	-2068 Oct 01 j 06:45	5°♑02'43				-2065 Jun 26 j 01:47	0°♑		
	-2068 Oct 23 j 15:06	0°♒		desc. node		-2065 Jul 08 j 17:40	13°♑11'56		
	-2068 Nov 17 j 22:45	0°♁		evening max el		-2065 Jul 16 j 06:53	20°♑40'49	46°16'37	
	-2068 Dec 12 j 14:32	0°♌				-2065 Jul 26 j 07:27	0°♒		
	-2067 Jan 06 j 01:21	0°♌		greatest brilliancy		-2065 Aug 24 j 17:35	19°♒45'07	-4.6m	
desc. node	-2067 Jan 20 j 23:11	18°♌19'06		retrograde		-2065 Sep 03 j 21:52	21°♒39'33		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening set	-2065 Sep 20 j 20:58	16° \cap 14'20		minimum elong	-2062 Feb 22 j 09:11	16° \approx 43'43	1°24'00
inferior conj	-2065 Sep 24 j 15:14	14° \cap 00'06	-7°-34'-54	max. Earth dist.	-2062 Feb 25 j 02:09	20° \approx 04'23	1.72943 AU
minimum elong	-2065 Sep 25 j 01:09	13° \cap 45'05	7°33'12		-2062 Mar 05 j 03:12	0° H	
min. Earth dist.	-2065 Sep 25 j 06:39	13° \cap 36'45	0.26805 AU		-2062 Mar 29 j 12:16	0° γ	
morning rise	-2065 Sep 29 j 04:58	11° \cap 17'19		evening rise	-2062 Apr 01 j 03:58	3° γ 15'28	
direct	-2065 Oct 15 j 04:00	6° \cap 17'49		asc. node	-2062 Apr 15 j 13:49	20° γ 55'02	
greatest brilliancy	-2065 Oct 28 j 08:29	9° \cap 30'58	-4.7m		-2062 Apr 23 j 00:00	0° B	
asc. node	-2065 Oct 29 j 18:19	10° \cap 11'33			-2062 May 17 j 14:27	0° Π	
	-2065 Nov 24 j 21:43	0° $\underline{\Delta}$			-2062 Jun 11 j 08:10	0° S	
morning max el	-2065 Dec 04 j 22:30	9° $\underline{\Delta}$ 51'18	46°52'32		-2062 Jul 06 j 06:55	0° Ω	
	-2065 Dec 23 j 18:35	0° M			-2062 Jul 31 j 14:21	0° \cap	
	-2064 Jan 19 j 02:00	0° J		desc. node	-2062 Aug 05 j 05:31	5° \cap 25'08	
	-2064 Feb 13 j 14:02	0° Z			-2062 Aug 26 j 14:02	0° $\underline{\Delta}$	
desc. node	-2064 Feb 18 j 11:00	5° Z 47'21			-2062 Sep 23 j 02:24	0° M	
	-2064 Mar 09 j 17:51	0° \approx		evening max el	-2062 Sep 27 j 20:28	4° M 51'31	47°26'56
	-2064 Apr 03 j 16:58	0° H			-2062 Oct 26 j 16:34	0° J	
	-2064 Apr 28 j 12:16	0° γ		greatest brilliancy	-2062 Nov 05 j 09:33	5° J 27'27	-4.7m
	-2064 May 23 j 03:34	0° B		retrograde	-2062 Nov 17 j 17:59	8° J 19'25	
morning set	-2064 Jun 04 j 03:58	14° B 42'51		asc. node	-2062 Nov 26 j 06:10	6° J 48'10	
asc. node	-2064 Jun 10 j 11:41	22° B 28'50		evening set	-2062 Dec 02 j 05:40	4° J 03'33	
	-2064 Jun 16 j 14:17	0° Π		min. Earth dist.	-2062 Dec 07 j 11:35	0° J 57'08	0.26699 AU
max. Earth dist.	-2064 Jul 06 j 06:59	24° Π 20'44	1.72736 AU	inferior conj	-2062 Dec 08 j 08:35	0° J 24'39	3°02'07
				minimum elong	-2062 Dec 08 j 02:12	0° J 34'31	3°00'10
superior conj	-2064 Jul 10 j 09:42	29° Π 26'59	1°02'46		-2062 Dec 09 j 00:32	30° R M	
minimum elong	-2064 Jul 10 j 00:58	28° Π 59'52	1°02'32	morning rise	-2062 Dec 13 j 23:32	27° M 04'26	
	-2064 Jul 10 j 20:20	0° S		direct	-2062 Dec 28 j 17:19	22° M 44'18	
	-2064 Aug 03 j 22:32	0° Ω		greatest brilliancy	-2061 Jan 08 j 12:23	24° M 56'05	-4.6m
evening rise	-2064 Aug 16 j 01:06	15° Ω 07'31			-2061 Jan 18 j 07:50	0° J	
	-2064 Aug 27 j 22:40	0° \cap		morning max el	-2061 Feb 16 j 08:54	24° J 18'56	46°18'52
	-2064 Sep 20 j 22:41	0° $\underline{\Delta}$			-2061 Feb 22 j 02:01	0° Z	
desc. node	-2064 Sep 30 j 03:33	11° $\underline{\Delta}$ 29'00		desc. node	-2061 Mar 17 j 22:43	25° Z 19'02	
	-2064 Oct 15 j 00:16	0° M			-2061 Mar 22 j 04:30	0° \approx	
	-2064 Nov 08 j 04:53	0° J			-2061 Apr 17 j 15:33	0° H	
	-2064 Dec 02 j 15:07	0° Z			-2061 May 13 j 07:58	0° γ	
	-2064 Dec 27 j 12:46	0° \approx			-2061 Jun 07 j 12:05	0° B	
asc. node	-2063 Jan 21 j 03:53	28° \approx 33'29			-2061 Jul 02 j 06:00	0° Π	
	-2063 Jan 22 j 10:41	0° H		asc. node	-2061 Jul 08 j 23:38	8° Π 14'54	
evening max el	-2063 Feb 19 j 15:08	29° H 49'53	45°38'13		-2061 Jul 26 j 14:55	0° S	
	-2063 Feb 19 j 19:17	0° γ		morning set	-2061 Aug 12 j 18:09	21° S 19'30	
greatest brilliancy	-2063 Mar 25 j 17:04	26° γ 19'40	-4.5m		-2061 Aug 19 j 16:38	0° Ω	
	-2063 Apr 06 j 22:16	0° B			-2061 Sep 12 j 13:51	0° \cap	
retrograde	-2063 Apr 09 j 10:55	0° B 07'24		max. Earth dist.	-2061 Sep 18 j 13:06	7° \cap 30'50	1.71158 AU
	-2063 Apr 11 j 22:48	30° R γ					
evening set	-2063 Apr 24 j 23:25	25° γ 28'19		superior conj	-2061 Sep 19 j 23:54	9° \cap 20'23	1°14'35
inferior conj	-2063 Apr 30 j 21:48	21° γ 53'47	2°42'29	minimum elong	-2061 Sep 20 j 08:42	9° \cap 48'06	1°14'24
minimum elong	-2063 May 01 j 03:24	21° γ 45'00	2°40'58		-2061 Oct 06 j 09:29	0° $\underline{\Delta}$	
min. Earth dist.	-2063 May 01 j 09:18	21° γ 35'46	0.29096 AU	desc. node	-2061 Oct 28 j 15:35	28° $\underline{\Delta}$ 00'12	
morning rise	-2063 May 07 j 07:09	18° γ 03'08			-2061 Oct 30 j 05:42	0° M	
desc. node	-2063 May 12 j 19:55	15° γ 25'47		evening rise	-2061 Oct 31 j 02:07	1° M 04'08	
direct	-2063 May 22 j 15:29	13° γ 31'19			-2061 Nov 23 j 03:46	0° J	
greatest brilliancy	-2063 Jun 05 j 17:02	16° γ 57'21	-4.5m		-2061 Dec 17 j 04:44	0° Z	
	-2063 Jun 25 j 12:22	0° B			-2060 Jan 10 j 10:29	0° \approx	
morning max el	-2063 Jul 10 j 18:18	13° B 40'08	45°59'28		-2060 Feb 04 j 00:30	0° H	
	-2063 Jul 26 j 20:19	0° Π		asc. node	-2060 Feb 18 j 15:49	17° H 33'40	
	-2063 Aug 22 j 19:25	0° S			-2060 Feb 29 j 04:20	0° γ	
asc. node	-2063 Sep 02 j 21:07	12° S 57'20			-2060 Mar 26 j 07:48	0° B	
	-2063 Sep 17 j 02:56	0° Ω			-2060 Apr 23 j 10:46	0° Π	
	-2063 Oct 11 j 14:21	0° \cap		evening max el	-2060 May 01 j 10:25	7° Π 48'58	45°14'22
	-2063 Nov 04 j 16:13	0° $\underline{\Delta}$			-2060 May 28 j 20:18	0° S	
	-2063 Nov 28 j 15:10	0° M		greatest brilliancy	-2060 Jun 06 j 07:07	4° S 23'12	-4.5m
	-2063 Dec 22 j 14:49	0° J		desc. node	-2060 Jun 09 j 07:58	5° S 30'57	
desc. node	-2063 Dec 23 j 13:23	1° J 10'27		retrograde	-2060 Jun 18 j 20:04	7° S 08'00	
morning set	-2062 Jan 13 j 08:22	27° J 05'11		evening set	-2060 Jul 04 j 17:41	2° S 23'36	
	-2062 Jan 15 j 16:34	0° Z			-2060 Jul 08 j 19:26	30° R Π	
	-2062 Feb 08 j 20:41	0° \approx		inferior conj	-2060 Jul 10 j 02:49	29° Π 11'52	-6°-28'-45
				minimum elong	-2060 Jul 09 j 16:37	29° Π 27'32	6°26'41
superior conj	-2062 Feb 22 j 06:53	16° \approx 36'37	-1°-23'-57	min. Earth dist.	-2060 Jul 10 j 09:40	29° Π 01'20	0.28313 AU

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-2060 Jul 14 j 15:10	26°II28'32			-2057 Feb 17 j 23:16	0°✠	
direct	-2060 Jul 31 j 14:00	21°II04'50			-2057 Mar 14 j 11:40	0°Υ	
greatest brilliancy	-2060 Aug 14 j 23:18	24°II44'21	-4.6m	asc. node	-2057 Mar 18 j 03:55	4°Υ28'01	
	-2060 Aug 23 j 23:18	0°☿			-2057 Apr 08 j 07:55	0°♄	
morning max el	-2060 Sep 19 j 17:52	23°☿13'07	46°38'16		-2057 May 03 j 14:52	0°II	
	-2060 Sep 26 j 08:07	0°♁			-2057 May 29 j 14:09	0°☿	
asc. node	-2060 Sep 30 j 08:50	4°♁16'38			-2057 Jun 25 j 20:05	0°♁	
	-2060 Oct 23 j 06:46	0°♊		desc. node	-2057 Jul 07 j 19:41	12°♁22'57	
	-2060 Nov 17 j 12:32	0°♋		evening max el	-2057 Jul 13 j 19:33	18°♁17'17	46°13'38
	-2060 Dec 12 j 03:20	0°♌			-2057 Jul 26 j 14:22	0°♊	
	-2059 Jan 05 j 13:30	0°♍		greatest brilliancy	-2057 Aug 22 j 04:18	17°♊16'16	-4.6m
desc. node	-2059 Jan 20 j 01:14	17°♍48'57		retrograde	-2057 Sep 01 j 10:13	19°♊11'55	
	-2059 Jan 29 j 23:11	0°☿		evening set	-2057 Sep 18 j 12:13	13°♊41'34	
	-2059 Feb 23 j 09:34	0°♊		inferior conj	-2057 Sep 22 j 03:26	11°♊31'50	-7°-46'-54
	-2059 Mar 19 j 20:37	0°✠		minimum elong	-2057 Sep 22 j 12:56	11°♊17'29	7°45'25
morning set	-2059 Mar 26 j 16:37	8°✠22'41		min. Earth dist.	-2057 Sep 22 j 19:02	11°♊08'16	0.26858 AU
	-2059 Apr 13 j 07:55	0°Υ		morning rise	-2057 Sep 26 j 13:19	8°♊54'50	
max. Earth dist.	-2059 May 01 j 01:56	21°Υ46'24	1.73705 AU	direct	-2057 Oct 12 j 17:10	3°♊48'38	
				greatest brilliancy	-2057 Oct 25 j 23:38	7°♊04'37	-4.7m
superior conj	-2059 May 02 j 05:05	23°Υ09'42	0°-25'-13	asc. node	-2057 Oct 28 j 20:30	8°♊31'02	
minimum elong	-2059 May 02 j 09:57	23°Υ24'38	0°24'59		-2057 Nov 25 j 01:13	0°♋	
	-2059 May 07 j 18:48	0°♄		morning max el	-2057 Dec 02 j 12:48	7°♋26'07	46°53'06
asc. node	-2059 May 13 j 01:53	6°♄30'13			-2057 Dec 23 j 12:33	0°♌	
	-2059 Jun 01 j 04:34	0°II			-2056 Jan 18 j 16:52	0°♍	
evening rise	-2059 Jun 07 j 00:55	7°II11'51			-2056 Feb 13 j 03:20	0°☿	
	-2059 Jun 25 j 13:02	0°☿		desc. node	-2056 Feb 17 j 13:01	5°☿14'22	
	-2059 Jul 19 j 20:57	0°♁			-2056 Mar 09 j 06:13	0°♊	
	-2059 Aug 13 j 05:51	0°♊			-2056 Apr 03 j 04:43	0°✠	
desc. node	-2059 Sep 01 j 17:33	23°♊53'13			-2056 Apr 27 j 23:37	0°Υ	
	-2059 Sep 06 j 17:41	0°♋			-2056 May 22 j 14:40	0°♄	
	-2059 Oct 01 j 10:59	0°♌		morning set	-2056 Jun 01 j 22:40	12°♄39'08	
	-2059 Oct 26 j 14:52	0°♍		asc. node	-2056 Jun 09 j 13:51	22°♄01'35	
	-2059 Nov 21 j 19:13	0°☿			-2056 Jun 16 j 01:17	0°II	
evening max el	-2059 Dec 08 j 06:20	17°☿34'07	47°00'14	max. Earth dist.	-2056 Jul 04 j 03:22	22°II21'02	1.72791 AU
	-2059 Dec 21 j 02:10	0°♊					
asc. node	-2059 Dec 23 j 18:10	2°♊22'58		superior conj	-2056 Jul 08 j 03:38	27°II19'31	1°00'36
greatest brilliancy	-2058 Jan 13 j 15:47	17°♊14'01	-4.6m	minimum elong	-2056 Jul 07 j 18:55	26°II52'26	1°00'21
retrograde	-2058 Jan 27 j 23:24	20°♊59'57			-2056 Jul 10 j 07:21	0°☿	
evening set	-2058 Feb 14 j 20:14	14°♊48'03			-2056 Aug 03 j 09:41	0°♁	
inferior conj	-2058 Feb 18 j 05:32	12°♊39'32	8°26'27	evening rise	-2056 Aug 13 j 16:40	12°♁51'07	
minimum elong	-2058 Feb 18 j 06:23	12°♊38'11	8°26'25		-2056 Aug 27 j 10:00	0°♊	
min. Earth dist.	-2058 Feb 17 j 18:13	12°♊57'38	0.28669 AU		-2056 Sep 20 j 10:17	0°♋	
morning rise	-2058 Feb 21 j 16:45	10°♊28'25		desc. node	-2056 Sep 29 j 05:39	10°♋59'04	
direct	-2058 Mar 11 j 10:44	4°♊26'28			-2056 Oct 14 j 12:09	0°♌	
greatest brilliancy	-2058 Mar 22 j 21:03	6°♊47'14	-4.5m		-2056 Nov 07 j 17:08	0°♍	
desc. node	-2058 Apr 14 j 10:17	21°♊06'44			-2056 Dec 02 j 03:53	0°☿	
	-2058 Apr 24 j 15:18	0°✠			-2056 Dec 27 j 02:30	0°♊	
morning max el	-2058 Apr 29 j 05:23	4°✠17'42	45°48'23	asc. node	-2055 Jan 20 j 05:52	27°♊54'56	
	-2058 May 24 j 09:15	0°Υ			-2055 Jan 22 j 02:35	0°✠	
	-2058 Jun 20 j 07:54	0°♄		evening max el	-2055 Feb 17 j 07:31	27°✠39'03	45°40'29
	-2058 Jul 16 j 00:09	0°II			-2055 Feb 19 j 17:48	0°Υ	
asc. node	-2058 Aug 05 j 11:23	24°II37'57		greatest brilliancy	-2055 Mar 23 j 09:42	24°Υ11'29	-4.5m
	-2058 Aug 09 j 21:03	0°☿		retrograde	-2055 Apr 07 j 04:03	27°Υ59'18	
	-2058 Sep 03 j 04:33	0°♁		evening set	-2055 Apr 22 j 18:02	23°Υ17'27	
	-2058 Sep 27 j 03:43	0°♊		inferior conj	-2055 Apr 28 j 14:27	19°Υ45'07	3°00'34
	-2058 Oct 20 j 23:07	0°♋		minimum elong	-2055 Apr 28 j 20:35	19°Υ35'29	2°58'57
morning set	-2058 Oct 25 j 09:34	5°♋35'42		min. Earth dist.	-2055 Apr 29 j 01:28	19°Υ27'49	0.29109 AU
	-2058 Nov 13 j 18:13	0°♌		morning rise	-2055 May 04 j 23:02	15°Υ55'29	
desc. node	-2058 Nov 25 j 03:34	14°♌19'52		desc. node	-2055 May 11 j 22:09	12°Υ47'13	
				direct	-2055 May 20 j 08:38	11°Υ22'37	
superior conj	-2058 Dec 06 j 06:49	28°♌19'10	0°-25'-49	greatest brilliancy	-2055 Jun 03 j 07:37	14°Υ46'23	-4.5m
minimum elong	-2058 Dec 06 j 00:01	27°♌57'50	0°25'33		-2055 Jun 25 j 18:58	0°♄	
	-2058 Dec 07 j 14:57	0°♍		morning max el	-2055 Jul 08 j 10:55	11°♄30'50	45°58'22
max. Earth dist.	-2058 Dec 10 j 07:13	3°♍21'29	1.71320 AU		-2055 Jul 26 j 13:58	0°II	
	-2058 Dec 31 j 14:14	0°☿			-2055 Aug 22 j 09:45	0°☿	
evening rise	-2057 Jan 16 j 17:49	20°☿07'21		asc. node	-2055 Sep 01 j 23:14	12°☿23'22	
	-2057 Jan 24 j 16:39	0°♊			-2055 Sep 16 j 15:53	0°♁	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2055 Oct 11 j 02:38	0° $\mathring{\text{M}}$		evening max el	-2052 Apr 29 j 00:34	5° II 34'02	45°13'43
	-2055 Nov 04 j 04:07	0° $\mathring{\text{A}}$			-2052 May 30 j 08:23	0° $\mathring{\text{S}}$	
	-2055 Nov 28 j 02:50	0° $\mathring{\text{M}}$		greatest brilliancy	-2052 Jun 03 j 19:40	2° $\mathring{\text{S}}$ 07'30	-4.5m
	-2055 Dec 22 j 02:18	0° $\mathring{\text{A}}$		desc. node	-2052 Jun 08 j 10:00	3° $\mathring{\text{S}}$ 44'38	
desc. node	-2055 Dec 22 j 15:27	0° $\mathring{\text{A}}$ 41'05		retrograde	-2052 Jun 16 j 10:23	4° $\mathring{\text{S}}$ 54'46	
morning set	-2054 Jan 10 j 19:16	24° $\mathring{\text{A}}$ 34'35		evening set	-2052 Jul 02 j 05:37	0° $\mathring{\text{S}}$ 13'55	
	-2054 Jan 15 j 03:52	0° $\mathring{\text{Z}}$			-2052 Jul 02 j 15:39	30° R II	
	-2054 Feb 08 j 07:48	0° \approx		inferior conj	-2052 Jul 07 j 17:52	26° II 58'03	-6°-14'-9
				minimum elong	-2052 Jul 07 j 07:39	27° II 13'44	6°12'00
superior conj	-2054 Feb 19 j 21:20	14° \approx 18'40	-1°-24'-18	min. Earth dist.	-2052 Jul 08 j 01:00	26° II 47'04	0.28351 AU
minimum elong	-2054 Feb 19 j 22:49	14° \approx 23'15	1°24'20	morning rise	-2052 Jul 12 j 09:12	24° II 10'14	
max. Earth dist.	-2054 Feb 22 j 21:42	18° \approx 02'19	1.72893 AU	direct	-2052 Jul 29 j 04:52	18° II 50'06	
	-2054 Mar 04 j 14:14	0° $\mathring{\text{X}}$		greatest brilliancy	-2052 Aug 12 j 16:02	22° II 30'47	-4.6m
	-2054 Mar 28 j 23:19	0° $\mathring{\text{Y}}$			-2052 Aug 24 j 19:25	0° $\mathring{\text{S}}$	
evening rise	-2054 Mar 29 j 20:59	1° $\mathring{\text{Y}}$ 06'31		morning max el	-2052 Sep 17 j 07:32	20° $\mathring{\text{S}}$ 51'07	46°37'12
asc. node	-2054 Apr 14 j 15:59	20° $\mathring{\text{Y}}$ 27'43			-2052 Sep 26 j 03:49	0° $\mathring{\text{Q}}$	
	-2054 Apr 22 j 11:10	0° $\mathring{\text{X}}$		asc. node	-2052 Sep 29 j 10:58	3° $\mathring{\text{Q}}$ 31'51	
	-2054 May 17 j 01:53	0° II			-2052 Oct 22 j 22:01	0° $\mathring{\text{M}}$	
	-2054 Jun 10 j 20:04	0° $\mathring{\text{S}}$			-2052 Nov 17 j 02:00	0° $\mathring{\text{A}}$	
	-2054 Jul 05 j 19:35	0° $\mathring{\text{Q}}$			-2052 Dec 11 j 15:51	0° $\mathring{\text{M}}$	
	-2054 Jul 31 j 04:19	0° $\mathring{\text{M}}$			-2051 Jan 05 j 01:26	0° $\mathring{\text{A}}$	
desc. node	-2054 Aug 04 j 07:33	4° $\mathring{\text{M}}$ 49'29		desc. node	-2051 Jan 19 j 03:14	17° $\mathring{\text{A}}$ 19'09	
	-2054 Aug 26 j 06:24	0° $\mathring{\text{A}}$			-2051 Jan 29 j 10:43	0° $\mathring{\text{Z}}$	
	-2054 Sep 23 j 00:31	0° $\mathring{\text{M}}$			-2051 Feb 22 j 20:46	0° \approx	
evening max el	-2054 Sep 25 j 11:15	2° $\mathring{\text{M}}$ 28'55	47°25'36		-2051 Mar 19 j 07:35	0° $\mathring{\text{X}}$	
	-2054 Oct 28 j 03:56	0° $\mathring{\text{A}}$		morning set	-2051 Mar 24 j 09:33	6° $\mathring{\text{X}}$ 14'00	
greatest brilliancy	-2054 Nov 03 j 01:31	3° $\mathring{\text{A}}$ 01'42	-4.7m		-2051 Apr 12 j 18:43	0° $\mathring{\text{Y}}$	
retrograde	-2054 Nov 15 j 07:08	5° $\mathring{\text{A}}$ 49'58		max. Earth dist.	-2051 Apr 28 j 22:05	19° $\mathring{\text{Y}}$ 48'05	1.73706 AU
asc. node	-2054 Nov 25 j 08:20	3° $\mathring{\text{A}}$ 43'51					
evening set	-2054 Nov 29 j 17:42	1° $\mathring{\text{A}}$ 36'32		superior conj	-2051 Apr 29 j 23:32	21° $\mathring{\text{Y}}$ 06'10	0°-28'-10
	-2054 Dec 02 j 12:50	30° R $\mathring{\text{M}}$		minimum elong	-2051 Apr 30 j 04:55	21° $\mathring{\text{Y}}$ 22'41	0°27'54
min. Earth dist.	-2054 Dec 05 j 01:26	28° $\mathring{\text{M}}$ 27'25	0.26646 AU		-2051 May 07 j 05:31	0° $\mathring{\text{X}}$	
inferior conj	-2054 Dec 05 j 21:21	27° $\mathring{\text{M}}$ 56'35	2°39'47	asc. node	-2051 May 12 j 04:00	6° $\mathring{\text{X}}$ 03'44	
minimum elong	-2054 Dec 05 j 15:40	28° $\mathring{\text{M}}$ 05'23	2°38'00		-2051 May 31 j 15:20	0° II	
morning rise	-2054 Dec 11 j 14:28	24° $\mathring{\text{M}}$ 33'29		evening rise	-2051 Jun 04 j 20:13	5° II 10'17	
direct	-2054 Dec 26 j 06:00	20° $\mathring{\text{M}}$ 17'23			-2051 Jun 25 j 00:01	0° $\mathring{\text{S}}$	
greatest brilliancy	-2053 Jan 06 j 01:31	22° $\mathring{\text{M}}$ 29'35	-4.6m		-2051 Jul 19 j 08:16	0° $\mathring{\text{Q}}$	
	-2053 Jan 19 j 12:09	0° $\mathring{\text{A}}$			-2051 Aug 12 j 17:36	0° $\mathring{\text{M}}$	
morning max el	-2053 Feb 13 j 21:45	21° $\mathring{\text{A}}$ 55'29	46°20'18	desc. node	-2051 Aug 31 j 19:42	23° $\mathring{\text{M}}$ 22'38	
	-2053 Feb 21 j 23:00	0° $\mathring{\text{Z}}$			-2051 Sep 06 j 06:00	0° $\mathring{\text{A}}$	
desc. node	-2053 Mar 17 j 00:51	24° $\mathring{\text{Z}}$ 40'23			-2051 Oct 01 j 00:08	0° $\mathring{\text{M}}$	
	-2053 Mar 21 j 20:06	0° \approx			-2051 Oct 26 j 05:25	0° $\mathring{\text{A}}$	
	-2053 Apr 17 j 04:57	0° $\mathring{\text{X}}$			-2051 Nov 21 j 12:51	0° $\mathring{\text{Z}}$	
	-2053 May 12 j 20:14	0° $\mathring{\text{Y}}$		evening max el	-2051 Dec 05 j 20:36	15° $\mathring{\text{Z}}$ 13'15	47°02'43
	-2053 Jun 06 j 23:42	0° $\mathring{\text{X}}$			-2051 Dec 21 j 06:52	0° \approx	
	-2053 Jul 01 j 17:16	0° II		asc. node	-2051 Dec 22 j 20:06	1° \approx 21'06	
asc. node	-2053 Jul 08 j 01:36	7° II 46'35		greatest brilliancy	-2050 Jan 11 j 08:21	15° \approx 00'08	-4.6m
	-2053 Jul 26 j 01:59	0° $\mathring{\text{S}}$		retrograde	-2050 Jan 25 j 15:47	18° \approx 46'41	
morning set	-2053 Aug 10 j 09:47	19° $\mathring{\text{S}}$ 04'06		evening set	-2050 Feb 12 j 12:03	12° \approx 35'11	
	-2053 Aug 19 j 03:38	0° $\mathring{\text{Q}}$		inferior conj	-2050 Feb 15 j 21:40	10° \approx 26'25	8°27'30
	-2053 Sep 12 j 00:54	0° $\mathring{\text{M}}$		minimum elong	-2050 Feb 15 j 21:46	10° \approx 26'16	8°27'28
max. Earth dist.	-2053 Sep 15 j 18:43	4° $\mathring{\text{M}}$ 42'40	1.71195 AU	min. Earth dist.	-2050 Feb 15 j 09:17	10° \approx 46'11	0.28620 AU
				morning rise	-2050 Feb 19 j 07:41	8° \approx 17'20	
superior conj	-2053 Sep 17 j 13:01	6° $\mathring{\text{M}}$ 55'49	1°16'13	direct	-2050 Mar 09 j 01:41	2° \approx 14'02	
minimum elong	-2053 Sep 17 j 21:13	7° $\mathring{\text{M}}$ 21'40	1°16'04	greatest brilliancy	-2050 Mar 20 j 11:50	4° \approx 34'40	-4.5m
	-2053 Oct 05 j 20:37	0° $\mathring{\text{A}}$		desc. node	-2050 Apr 13 j 12:28	20° \approx 07'03	
desc. node	-2053 Oct 27 j 17:46	27° $\mathring{\text{A}}$ 31'51			-2050 Apr 24 j 15:20	0° $\mathring{\text{X}}$	
evening rise	-2053 Oct 28 j 11:38	28° $\mathring{\text{A}}$ 27'57		morning max el	-2050 Apr 26 j 21:03	2° $\mathring{\text{X}}$ 06'55	45°48'53
	-2053 Oct 29 j 16:56	0° $\mathring{\text{M}}$			-2050 May 24 j 01:19	0° $\mathring{\text{Y}}$	
	-2053 Nov 22 j 15:06	0° $\mathring{\text{A}}$			-2050 Jun 19 j 21:19	0° $\mathring{\text{X}}$	
	-2053 Dec 16 j 16:13	0° $\mathring{\text{Z}}$			-2050 Jul 15 j 12:20	0° II	
	-2052 Jan 09 j 22:12	0° \approx		asc. node	-2050 Aug 04 j 13:30	24° II 08'54	
	-2052 Feb 03 j 12:39	0° $\mathring{\text{X}}$			-2050 Aug 09 j 08:37	0° $\mathring{\text{S}}$	
asc. node	-2052 Feb 17 j 17:56	17° $\mathring{\text{X}}$ 02'35			-2050 Sep 02 j 15:50	0° $\mathring{\text{Q}}$	
	-2052 Feb 28 j 17:23	0° $\mathring{\text{Y}}$			-2050 Sep 26 j 14:51	0° $\mathring{\text{M}}$	
	-2052 Mar 25 j 22:48	0° $\mathring{\text{X}}$			-2050 Oct 20 j 10:11	0° $\mathring{\text{A}}$	
	-2052 Apr 23 j 07:05	0° II		morning set	-2050 Oct 22 j 20:34	3° $\mathring{\text{A}}$ 04'08	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2050 Nov 13 j 05:13	0°♌		morning rise	-2047 May 02 j 14:54	13°♑49'36	
desc. node	-2050 Nov 24 j 05:38	13°♌51'48		desc. node	-2047 May 11 j 00:09	10°♑14'56	
				direct	-2047 May 18 j 01:52	9°♑15'46	
superior conj	-2050 Dec 03 j 16:07	25°♌43'20	0°-21'-59	greatest brilliancy	-2047 May 31 j 21:38	12°♑36'04	-4.5m
minimum elong	-2050 Dec 03 j 10:14	25°♌24'52	0°21'45		-2047 Jun 25 j 23:02	0°♒	
	-2050 Dec 07 j 01:55	0°♒		morning max el	-2047 Jul 06 j 02:55	9°♒21'05	45°57'12
max. Earth dist.	-2050 Dec 07 j 13:17	0°♒35'41	1.71277 AU		-2047 Jul 26 j 06:53	0°♑	
	-2050 Dec 31 j 01:09	0°♑			-2047 Aug 21 j 23:37	0°♑	
evening rise	-2049 Jan 14 j 05:42	17°♑41'09		asc. node	-2047 Sep 01 j 01:26	11°♑50'41	
	-2049 Jan 24 j 03:34	0°♑			-2047 Sep 16 j 04:27	0°♑	
	-2049 Feb 17 j 10:15	0°♑			-2047 Oct 10 j 14:31	0°♑	
	-2049 Mar 13 j 22:53	0°♑			-2047 Nov 03 j 15:40	0°♑	
asc. node	-2049 Mar 17 j 06:05	4°♑00'25			-2047 Nov 27 j 14:10	0°♌	
	-2049 Apr 07 j 19:37	0°♒		desc. node	-2047 Dec 21 j 17:26	0°♒12'25	
	-2049 May 03 j 03:30	0°♑			-2047 Dec 21 j 13:28	0°♒	
	-2049 May 29 j 04:33	0°♑		morning set	-2046 Jan 08 j 06:01	22°♒04'20	
	-2049 Jun 25 j 14:25	0°♑			-2046 Jan 14 j 14:51	0°♑	
desc. node	-2049 Jul 06 j 21:44	11°♑34'23			-2046 Feb 07 j 18:38	0°♑	
evening max el	-2049 Jul 11 j 09:14	15°♑57'40	46°10'46				
	-2049 Jul 26 j 23:08	0°♑		superior conj	-2046 Feb 17 j 11:44	12°♑01'23	-1°-24'-30
greatest brilliancy	-2049 Aug 19 j 14:43	14°♑48'59	-4.6m	minimum elong	-2046 Feb 17 j 12:22	12°♑03'21	1°24'33
retrograde	-2049 Aug 29 j 22:48	16°♑45'58		max. Earth dist.	-2046 Feb 20 j 17:15	16°♑01'04	1.72837 AU
evening set	-2049 Sep 16 j 03:33	11°♑10'48			-2046 Mar 04 j 00:58	0°♑	
inferior conj	-2049 Sep 19 j 15:47	9°♑05'16	-7°-58'-1	evening rise	-2046 Mar 27 j 14:01	28°♑58'30	
minimum elong	-2049 Sep 20 j 00:46	8°♑51'41	7°56'42		-2046 Mar 28 j 10:03	0°♑	
min. Earth dist.	-2049 Sep 20 j 07:12	8°♑41'58	0.26913 AU	asc. node	-2046 Apr 13 j 18:06	20°♑01'11	
morning rise	-2049 Sep 23 j 21:45	6°♑33'59			-2046 Apr 21 j 22:01	0°♒	
direct	-2049 Oct 10 j 06:53	1°♑21'20			-2046 May 16 j 13:01	0°♑	
greatest brilliancy	-2049 Oct 23 j 13:58	4°♑38'40	-4.7m		-2046 Jun 10 j 07:44	0°♑	
asc. node	-2049 Oct 27 j 22:37	6°♑55'27			-2046 Jul 05 j 08:05	0°♑	
	-2049 Nov 25 j 02:45	0°♑			-2046 Jul 30 j 18:12	0°♑	
morning max el	-2049 Nov 30 j 03:23	5°♑02'50	46°53'34	desc. node	-2046 Aug 03 j 09:41	4°♑14'35	
	-2049 Dec 23 j 05:44	0°♌			-2046 Aug 25 j 22:50	0°♑	
	-2048 Jan 18 j 07:08	0°♒			-2046 Sep 22 j 23:14	0°♌	
	-2048 Feb 12 j 16:07	0°♑		evening max el	-2046 Sep 23 j 01:06	0°♌04'41	47°24'18
desc. node	-2048 Feb 16 j 15:12	4°♑43'23			-2046 Oct 30 j 08:40	0°♒	
	-2048 Mar 08 j 18:06	0°♑		greatest brilliancy	-2046 Oct 31 j 18:11	0°♒37'37	-4.7m
	-2048 Apr 02 j 16:00	0°♑		retrograde	-2046 Nov 12 j 19:53	3°♒21'31	
	-2048 Apr 27 j 10:32	0°♑		asc. node	-2046 Nov 24 j 10:20	0°♒35'34	
	-2048 May 22 j 01:23	0°♒			-2046 Nov 25 j 15:50	30°♌	
morning set	-2048 May 30 j 17:27	10°♒36'50		evening set	-2046 Nov 27 j 06:00	29°♌10'04	
asc. node	-2048 Jun 08 j 15:51	21°♒34'57		min. Earth dist.	-2046 Dec 02 j 15:44	25°♌58'11	0.26597 AU
	-2048 Jun 15 j 11:56	0°♑		inferior conj	-2046 Dec 03 j 10:13	25°♌29'33	2°17'02
max. Earth dist.	-2048 Jul 01 j 22:00	20°♑17'07	1.72843 AU	minimum elong	-2046 Dec 03 j 05:17	25°♌37'12	2°15'28
				morning rise	-2046 Dec 09 j 05:17	22°♌03'39	
superior conj	-2048 Jul 05 j 21:40	25°♑13'30	0°58'22	direct	-2046 Dec 23 j 18:13	17°♌51'13	
minimum elong	-2048 Jul 05 j 12:59	24°♑46'34	0°58'05	greatest brilliancy	-2045 Jan 03 j 15:38	20°♌04'50	-4.6m
	-2048 Jul 09 j 18:01	0°♑			-2045 Jan 20 j 08:28	0°♒	
	-2048 Aug 02 j 20:27	0°♑		morning max el	-2045 Feb 11 j 10:09	19°♒31'16	46°21'44
evening rise	-2048 Aug 11 j 08:24	10°♑36'27			-2045 Feb 21 j 19:04	0°♑	
	-2048 Aug 26 j 20:58	0°♑		desc. node	-2045 Mar 16 j 02:57	24°♑02'30	
	-2048 Sep 19 j 21:30	0°♑			-2045 Mar 21 j 11:17	0°♑	
desc. node	-2048 Sep 28 j 07:48	10°♑30'27			-2045 Apr 16 j 18:03	0°♑	
	-2048 Oct 13 j 23:42	0°♌			-2045 May 12 j 08:14	0°♑	
	-2048 Nov 07 j 05:04	0°♒			-2045 Jun 06 j 11:05	0°♒	
	-2048 Dec 01 j 16:22	0°♑			-2045 Jul 01 j 04:18	0°♑	
	-2048 Dec 26 j 15:58	0°♑		asc. node	-2045 Jul 07 j 03:47	7°♑19'32	
asc. node	-2047 Jan 19 j 08:03	27°♑17'48			-2045 Jul 25 j 12:52	0°♑	
	-2047 Jan 21 j 18:17	0°♑		morning set	-2045 Aug 08 j 01:29	16°♑49'19	
evening max el	-2047 Feb 14 j 23:52	25°♑29'17	45°42'49		-2045 Aug 18 j 14:31	0°♑	
	-2047 Feb 19 j 16:43	0°♑			-2045 Sep 11 j 11:51	0°♑	
greatest brilliancy	-2047 Mar 21 j 03:02	22°♑05'42	-4.5m	max. Earth dist.	-2045 Sep 13 j 02:00	2°♑00'04	1.71237 AU
retrograde	-2047 Apr 04 j 20:54	25°♑52'49					
evening set	-2047 Apr 20 j 12:54	21°♑08'17		superior conj	-2045 Sep 15 j 02:06	4°♑31'24	1°17'43
inferior conj	-2047 Apr 26 j 07:17	17°♑38'13	3°18'20	minimum elong	-2045 Sep 15 j 09:40	4°♑55'13	1°17'35
minimum elong	-2047 Apr 26 j 13:55	17°♑27'47	3°16'36		-2045 Oct 05 j 07:40	0°♑	
min. Earth dist.	-2047 Apr 26 j 18:00	17°♑21'23	0.29120 AU	evening rise	-2045 Oct 25 j 20:58	25°♑51'32	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2045 Oct 26 j 19:46	27°♄03'09			-2042 Apr 24 j 14:37	0°♈		
	-2045 Oct 29 j 04:04	0°♌			-2042 May 23 j 17:22	0°♍		
	-2045 Nov 22 j 02:20	0°♊			-2042 Jun 19 j 10:51	0°♋		
	-2045 Dec 16 j 03:36	0°♎			-2042 Jul 15 j 00:41	0°♌		
	-2044 Jan 09 j 09:52	0°♍		asc. node	-2042 Aug 03 j 15:42	23°♌39'32		
	-2044 Feb 03 j 00:48	0°♈			-2042 Aug 08 j 20:21	0°♍		
asc. node	-2044 Feb 16 j 20:06	16°♈31'42			-2042 Sep 02 j 03:15	0°♎		
	-2044 Feb 28 j 06:29	0°♍			-2042 Sep 26 j 02:09	0°♏		
	-2044 Mar 25 j 13:58	0°♋			-2042 Oct 19 j 21:25	0°♎		
	-2044 Apr 23 j 03:59	0°♌		morning set	-2042 Oct 20 j 07:46	0°♎32'38		
evening max el	-2044 Apr 26 j 14:55	3°♌19'55	45°13'19		-2042 Nov 12 j 16:27	0°♌		
greatest brilliancy	-2044 Jun 01 j 07:06	29°♌51'11	-4.5m	desc. node	-2042 Nov 23 j 07:40	13°♌22'50		
	-2044 Jun 01 j 15:33	0°♍						
desc. node	-2044 Jun 07 j 12:01	1°♍54'55		superior conj	-2042 Dec 01 j 01:01	23°♌05'15	0°-18'-3	
retrograde	-2044 Jun 14 j 01:14	2°♍42'26		minimum elong	-2042 Nov 30 j 20:08	22°♌49'53	0°17'52	
	-2044 Jun 25 j 21:23	30°♌		max. Earth dist.	-2042 Dec 04 j 20:46	27°♌53'15	1.71243 AU	
evening set	-2044 Jun 29 j 17:50	28°♌04'36			-2042 Dec 06 j 13:10	0°♊		
inferior conj	-2044 Jul 05 j 09:01	24°♌44'56	-5°-59'-2		-2042 Dec 30 j 12:24	0°♎		
minimum elong	-2044 Jul 04 j 22:51	25°♌00'32	5°56'47	evening rise	-2041 Jan 11 j 16:57	15°♎11'54		
min. Earth dist.	-2044 Jul 05 j 16:14	24°♌33'50	0.28389 AU		-2041 Jan 23 j 14:49	0°♍		
morning rise	-2044 Jul 10 j 03:21	21°♌52'52			-2041 Feb 16 j 21:34	0°♈		
direct	-2044 Jul 26 j 20:01	16°♌36'02			-2041 Mar 13 j 10:27	0°♍		
greatest brilliancy	-2044 Aug 10 j 09:16	20°♌18'39	-4.6m	asc. node	-2041 Mar 16 j 08:08	3°♍31'27		
	-2044 Aug 25 j 10:14	0°♍			-2041 Apr 07 j 07:43	0°♋		
morning max el	-2044 Sep 14 j 22:15	18°♍32'03	46°35'54		-2041 May 02 j 16:35	0°♌		
	-2044 Sep 25 j 22:59	0°♎			-2041 May 28 j 19:29	0°♍		
asc. node	-2044 Sep 28 j 13:05	2°♎47'33			-2041 Jun 25 j 09:36	0°♎		
	-2044 Oct 22 j 13:09	0°♏		desc. node	-2041 Jul 05 j 23:59	10°♎44'34		
	-2044 Nov 16 j 15:28	0°♎		evening max el	-2041 Jul 08 j 23:38	13°♎39'04	46°07'57	
	-2044 Dec 11 j 04:25	0°♌			-2041 Jul 27 j 11:17	0°♏		
	-2043 Jan 04 j 13:24	0°♊		greatest brilliancy	-2041 Aug 17 j 01:53	12°♏22'26	-4.6m	
desc. node	-2043 Jan 18 j 05:29	16°♊49'56		retrograde	-2041 Aug 27 j 11:19	14°♏19'54		
	-2043 Jan 28 j 22:15	0°♎		evening set	-2041 Sep 13 j 18:58	8°♏40'32		
	-2043 Feb 22 j 08:00	0°♍		inferior conj	-2041 Sep 17 j 04:21	6°♏38'54	-8°-8'-6	
	-2043 Mar 18 j 18:36	0°♈		minimum elong	-2041 Sep 17 j 12:46	6°♏26'09	8°06'58	
morning set	-2043 Mar 22 j 02:15	4°♈04'20		min. Earth dist.	-2041 Sep 17 j 19:32	6°♏15'54	0.26963 AU	
	-2043 Apr 12 j 05:35	0°♍		morning rise	-2041 Sep 21 j 06:23	4°♏13'05		
max. Earth dist.	-2043 Apr 26 j 19:01	17°♍51'52	1.73706 AU		-2041 Sep 30 j 13:49	30°♏		
				direct	-2041 Oct 07 j 20:43	28°♏54'29		
superior conj	-2043 Apr 27 j 17:58	19°♍02'14	0°-31'-5		-2041 Oct 15 j 08:12	0°♏		
minimum elong	-2043 Apr 27 j 23:51	19°♍20'18	0°30'48	greatest brilliancy	-2041 Oct 21 j 03:18	2°♏11'22	-4.7m	
	-2043 May 06 j 16:20	0°♋		asc. node	-2041 Oct 27 j 00:40	5°♏22'57		
asc. node	-2043 May 11 j 06:01	5°♋36'43			-2041 Nov 25 j 03:17	0°♎		
	-2043 May 31 j 02:12	0°♌		morning max el	-2041 Nov 27 j 17:24	2°♎37'27	46°53'44	
evening rise	-2043 Jun 02 j 15:41	3°♌09'01			-2041 Dec 22 j 22:53	0°♌		
	-2043 Jun 24 j 11:04	0°♍			-2040 Jan 17 j 21:37	0°♊		
	-2043 Jul 18 j 19:38	0°♎			-2040 Feb 12 j 05:13	0°♎		
	-2043 Aug 12 j 05:25	0°♏		desc. node	-2040 Feb 15 j 17:16	4°♎10'52		
desc. node	-2043 Aug 30 j 21:49	22°♏51'38			-2040 Mar 08 j 06:21	0°♍		
	-2043 Sep 05 j 18:27	0°♎			-2040 Apr 02 j 03:41	0°♈		
	-2043 Sep 30 j 13:31	0°♌			-2040 Apr 26 j 21:50	0°♍		
	-2043 Oct 25 j 20:23	0°♊			-2040 May 21 j 12:28	0°♋		
	-2043 Nov 21 j 07:13	0°♎		morning set	-2040 May 28 j 12:03	8°♋32'54		
evening max el	-2043 Dec 03 j 11:45	12°♎53'38	47°05'13	asc. node	-2040 Jun 07 j 18:01	21°♋07'42		
asc. node	-2043 Dec 21 j 22:19	0°♍17'14			-2040 Jun 14 j 22:57	0°♌		
	-2043 Dec 21 j 14:10	0°♍		max. Earth dist.	-2040 Jun 29 j 14:55	18°♌06'49	1.72894 AU	
greatest brilliancy	-2042 Jan 09 j 00:35	12°♍44'31	-4.6m					
retrograde	-2042 Jan 23 j 08:28	16°♍31'49		superior conj	-2040 Jul 03 j 15:42	23°♌06'27	0°56'02	
evening set	-2042 Feb 10 j 03:19	10°♍21'08		minimum elong	-2040 Jul 03 j 07:06	22°♌39'48	0°55'46	
min. Earth dist.	-2042 Feb 12 j 23:46	8°♍33'35	0.28567 AU		-2040 Jul 09 j 05:04	0°♍		
inferior conj	-2042 Feb 13 j 13:32	8°♍11'38	8°27'43		-2040 Aug 02 j 07:37	0°♎		
minimum elong	-2042 Feb 13 j 12:54	8°♍12'40	8°27'40	evening rise	-2040 Aug 09 j 00:20	8°♎21'20		
morning rise	-2042 Feb 16 j 22:42	6°♍04'09			-2040 Aug 26 j 08:17	0°♏		
direct	-2042 Mar 06 j 16:44	0°♍00'02			-2040 Sep 19 j 09:03	0°♎		
greatest brilliancy	-2042 Mar 18 j 01:28	2°♍19'45	-4.5m	desc. node	-2040 Sep 27 j 09:48	10°♎00'30		
desc. node	-2042 Apr 12 j 14:33	19°♍07'41			-2040 Oct 13 j 11:33	0°♌		
morning max el	-2042 Apr 24 j 13:20	29°♍56'56	45°49'25		-2040 Nov 06 j 17:17	0°♊		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2040 Dec 01 j 05:11	0°☾			-2037 Jun 30 j 15:36	0°♊		
	-2040 Dec 26 j 05:54	0°♊		asc. node	-2037 Jul 06 j 05:56	6°♊51'36		
asc. node	-2039 Jan 18 j 10:12	26°♊38'58			-2037 Jul 25 j 00:01	0°☾		
	-2039 Jan 21 j 10:43	0°♋		morning set	-2037 Aug 05 j 17:09	14°☾33'49		
evening max el	-2039 Feb 12 j 15:34	23°♋16'17	45°45'02		-2037 Aug 18 j 01:38	0°♌		
	-2039 Feb 19 j 17:21	0°♍		max. Earth dist.	-2037 Sep 10 j 12:12	29°♌25'55	1.71282 AU	
greatest brilliancy	-2039 Mar 18 j 20:31	19°♍58'15	-4.5m		-2037 Sep 10 j 23:02	0°♎		
retrograde	-2039 Apr 02 j 13:14	23°♍44'31						
evening set	-2039 Apr 18 j 07:45	18°♍57'08		superior conj	-2037 Sep 12 j 15:13	2°♎06'25	1°19'04	
inferior conj	-2039 Apr 24 j 00:02	15°♍29'40	3°35'50	minimum elong	-2037 Sep 12 j 22:04	2°♎27'59	1°18'58	
minimum elong	-2039 Apr 24 j 07:08	15°♍18'29	3°34'00		-2037 Oct 04 j 18:57	0°♏		
min. Earth dist.	-2039 Apr 24 j 10:44	15°♍12'48	0.29130 AU	evening rise	-2037 Oct 23 j 06:27	23°♏14'50		
morning rise	-2039 Apr 30 j 06:27	11°♍42'10		desc. node	-2037 Oct 25 j 21:52	26°♏34'00		
desc. node	-2039 May 10 j 02:13	7°♍45'08			-2037 Oct 28 j 15:28	0°♐		
direct	-2039 May 15 j 18:28	7°♍07'13			-2037 Nov 21 j 13:50	0°♑		
greatest brilliancy	-2039 May 29 j 11:36	10°♍24'08	-4.5m		-2037 Dec 15 j 15:13	0°☾		
	-2039 Jun 26 j 02:04	0°♒			-2036 Jan 08 j 21:43	0°♊		
morning max el	-2039 Jul 03 j 18:04	7°♒08'01	45°56'08		-2036 Feb 02 j 13:06	0°♋		
	-2039 Jul 25 j 23:56	0°♊		asc. node	-2036 Feb 15 j 22:08	15°♋59'58		
	-2039 Aug 21 j 13:46	0°☾			-2036 Feb 27 j 19:46	0°♍		
asc. node	-2039 Aug 31 j 03:26	11°☾16'25			-2036 Mar 25 j 05:27	0°♒		
	-2039 Sep 15 j 17:18	0°♌			-2036 Apr 23 j 01:51	0°♊		
	-2039 Oct 10 j 02:44	0°♎		evening max el	-2036 Apr 24 j 06:08	1°♊07'37	45°12'53	
	-2039 Nov 03 j 03:31	0°♏		greatest brilliancy	-2036 May 29 j 18:03	27°♊33'55	-4.5m	
	-2039 Nov 27 j 01:46	0°♐		desc. node	-2036 Jun 06 j 14:15	0°☾00'36		
desc. node	-2039 Dec 20 j 19:39	29°♐43'44			-2036 Jun 06 j 12:59	0°☾		
	-2039 Dec 21 j 00:51	0°♑		retrograde	-2036 Jun 11 j 16:33	0°☾29'42		
morning set	-2038 Jan 05 j 16:58	19°♑33'48			-2036 Jun 16 j 17:11	30°♒♊		
	-2038 Jan 14 j 02:05	0°☾		evening set	-2036 Jun 27 j 06:17	25°♒54'43		
	-2038 Feb 07 j 05:46	0°♊		inferior conj	-2036 Jul 03 j 00:12	22°♒31'21	-5°-43'-16	
				minimum elong	-2036 Jul 02 j 14:10	22°♒46'45	5°41'00	
superior conj	-2038 Feb 15 j 02:08	9°♊43'05	-1°-24'-32	min. Earth dist.	-2036 Jul 03 j 07:15	22°♒20'32	0.28428 AU	
minimum elong	-2038 Feb 15 j 01:55	9°♊42'25	1°24'36	morning rise	-2036 Jul 07 j 21:33	19°♒35'12		
max. Earth dist.	-2038 Feb 18 j 11:26	13°♊54'33	1.72785 AU	direct	-2036 Jul 24 j 11:47	14°♒21'37		
	-2038 Mar 03 j 12:03	0°♋		greatest brilliancy	-2036 Aug 08 j 02:26	18°♒06'09	-4.6m	
evening rise	-2038 Mar 25 j 06:44	26°♋48'25			-2036 Aug 25 j 21:32	0°☾		
	-2038 Mar 27 j 21:09	0°♍		morning max el	-2036 Sep 12 j 13:49	16°☾14'58	46°34'33	
asc. node	-2038 Apr 12 j 20:07	19°♍33'13			-2036 Sep 25 j 17:48	0°♌		
	-2038 Apr 21 j 09:15	0°♒		asc. node	-2036 Sep 27 j 15:11	2°♌03'22		
	-2038 May 16 j 00:33	0°♊			-2036 Oct 22 j 04:13	0°♎		
	-2038 Jun 09 j 19:47	0°☾			-2036 Nov 16 j 04:57	0°♏		
	-2038 Jul 04 j 21:01	0°♌			-2036 Dec 10 j 17:01	0°♐		
	-2038 Jul 30 j 08:37	0°♎			-2035 Jan 04 j 01:26	0°♑		
desc. node	-2038 Aug 02 j 11:46	3°♎38'08		desc. node	-2035 Jan 17 j 07:30	16°♑19'49		
	-2038 Aug 25 j 15:58	0°♏			-2035 Jan 28 j 09:52	0°☾		
evening max el	-2038 Sep 20 j 14:11	27°♏37'34	47°22'55		-2035 Feb 21 j 19:17	0°♊		
	-2038 Sep 22 j 23:22	0°♐			-2035 Mar 18 j 05:38	0°♋		
greatest brilliancy	-2038 Oct 29 j 10:49	28°♐12'24	-4.7m	morning set	-2035 Mar 19 j 19:11	1°♋55'16		
	-2038 Nov 03 j 16:29	0°♑			-2035 Apr 11 j 16:27	0°♍		
retrograde	-2038 Nov 10 j 08:30	0°♑52'19		max. Earth dist.	-2035 Apr 24 j 18:16	16°♍02'41	1.73707 AU	
	-2038 Nov 16 j 20:08	30°♒♐						
asc. node	-2038 Nov 23 j 12:31	27°♒21'32		superior conj	-2035 Apr 25 j 12:35	16°♍58'53	0°-33'-55	
evening set	-2038 Nov 24 j 18:27	26°♒42'13		minimum elong	-2035 Apr 25 j 18:56	17°♍18'23	0°33'38	
inferior conj	-2038 Nov 30 j 23:04	23°♒01'47	1°53'58		-2035 May 06 j 03:09	0°♒		
minimum elong	-2038 Nov 30 j 18:55	23°♒08'13	1°52'38	asc. node	-2035 May 10 j 08:14	5°♒10'14		
min. Earth dist.	-2038 Nov 30 j 06:14	23°♒27'49	0.26548 AU		-2035 May 30 j 13:07	0°♊		
morning rise	-2038 Dec 06 j 19:57	19°♒33'24		evening rise	-2035 May 31 j 11:19	1°♊08'13		
direct	-2038 Dec 21 j 05:59	15°♒24'05			-2035 Jun 23 j 22:12	0°☾		
greatest brilliancy	-2037 Jan 01 j 06:23	17°♒40'07	-4.6m		-2035 Jul 18 j 07:06	0°♌		
	-2037 Jan 20 j 23:50	0°♑			-2035 Aug 11 j 17:21	0°♎		
morning max el	-2037 Feb 08 j 22:45	17°♑06'54	46°23'16	desc. node	-2035 Aug 29 j 23:49	22°♎19'58		
	-2037 Feb 21 j 14:42	0°☾			-2035 Sep 05 j 07:01	0°♏		
desc. node	-2037 Mar 15 j 05:00	23°☾24'19			-2035 Sep 30 j 03:03	0°♐		
	-2037 Mar 21 j 02:27	0°♊			-2035 Oct 25 j 11:35	0°♑		
	-2037 Apr 16 j 07:19	0°♋			-2035 Nov 21 j 02:05	0°☾		
	-2037 May 11 j 20:28	0°♍		evening max el	-2035 Dec 01 j 03:55	10°☾36'24	47°07'35	
	-2037 Jun 05 j 22:44	0°♒		asc. node	-2035 Dec 21 j 00:29	29°☾11'26		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2035 Dec 22 j 00:13	0°≈				-2032 May 20 j 23:17	0°8		
greatest brilliancy	-2034 Jan 06 j 17:25	10°≈29'26	-4.6m	morning set		-2032 May 26 j 06:57	6°830'49		
retrograde	-2034 Jan 21 j 01:21	14°≈16'28		asc. node		-2032 Jun 06 j 20:10	20°841'24		
evening set	-2034 Feb 07 j 18:13	8°≈07'21				-2032 Jun 14 j 09:40	0°II		
min. Earth dist.	-2034 Feb 10 j 14:02	6°≈20'55	0.28508 AU	max. Earth dist.		-2032 Jun 27 j 08:49	16°II00'40	1.72946 AU	
inferior conj	-2034 Feb 11 j 05:20	5°≈56'33	8°27'10						
minimum elong	-2034 Feb 11 j 03:56	5°≈58'47	8°27'07	superior conj		-2032 Jul 01 j 10:09	21°II01'49	0°53'39	
morning rise	-2034 Feb 14 j 13:56	3°≈50'11		minimum elong		-2032 Jul 01 j 01:41	20°II35'36	0°53'23	
	-2034 Feb 21 j 20:21	30°R3				-2032 Jul 08 j 15:47	0°☾		
direct	-2034 Mar 04 j 08:07	27°346'01				-2032 Aug 01 j 18:27	0°Ω		
	-2034 Mar 15 j 10:11	0°≈		evening rise		-2032 Aug 06 j 16:43	6°Ω08'41		
greatest brilliancy	-2034 Mar 15 j 14:00	0°≈03'40	-4.5m			-2032 Aug 25 j 19:21	0°η		
desc. node	-2034 Apr 11 j 16:35	18°≈09'53				-2032 Sep 18 j 20:25	0°♄		
morning max el	-2034 Apr 22 j 05:46	27°≈47'44	45°50'03	desc. node		-2032 Sep 26 j 11:55	9°♄31'27		
	-2034 Apr 24 j 12:47	0°✠				-2032 Oct 12 j 23:14	0°♍		
	-2034 May 23 j 08:58	0°Υ				-2032 Nov 06 j 05:23	0°♁		
	-2034 Jun 19 j 00:07	0°8				-2032 Nov 30 j 17:53	0°3		
	-2034 Jul 14 j 12:52	0°II				-2032 Dec 25 j 19:44	0°≈		
asc. node	-2034 Aug 02 j 17:42	23°II09'51		asc. node		-2031 Jan 17 j 12:11	25°≈59'57		
	-2034 Aug 08 j 08:00	0°☾				-2031 Jan 21 j 03:12	0°✠		
	-2034 Sep 01 j 14:38	0°Ω		evening max el		-2031 Feb 10 j 06:17	21°✠01'25	45°47'25	
	-2034 Sep 25 j 13:23	0°η				-2031 Feb 19 j 18:57	0°Υ		
morning set	-2034 Oct 17 j 18:59	28°η01'22		greatest brilliancy		-2031 Mar 16 j 13:21	17°Υ50'38	-4.5m	
	-2034 Oct 19 j 08:36	0°♄		retrograde		-2031 Mar 31 j 05:30	21°Υ37'15		
	-2034 Nov 12 j 03:37	0°♍		evening set		-2031 Apr 16 j 02:41	16°Υ46'38		
desc. node	-2034 Nov 22 j 09:52	12°♍54'41		inferior conj		-2031 Apr 21 j 16:51	13°Υ22'08	3°52'59	
				minimum elong		-2031 Apr 22 j 00:21	13°Υ10'16	3°51'05	
superior conj	-2034 Nov 28 j 09:51	20°♍27'10	0°-14'-5	min. Earth dist.		-2031 Apr 22 j 03:46	13°Υ04'53	0.29137 AU	
minimum elong	-2034 Nov 28 j 06:00	20°♍15'05	0°13'57	morning rise		-2031 Apr 27 j 21:53	9°Υ36'00		
behind sun begin	-2034 Nov 27 j 15:42	19°♍30'09		desc. node		-2031 May 09 j 04:26	5°Υ20'45		
behind sun end	-2034 Nov 28 j 20:18	21°♍00'00		direct		-2031 May 13 j 10:34	4°Υ59'31		
max. Earth dist.	-2034 Dec 02 j 06:30	25°♍18'06	1.71207 AU	greatest brilliancy		-2031 May 27 j 02:20	8°Υ14'08	-4.5m	
	-2034 Dec 06 j 00:19	0°♁				-2031 Jun 26 j 03:09	0°8		
	-2034 Dec 29 j 23:33	0°3		morning max el		-2031 Jul 01 j 09:12	4°856'05	45°55'20	
evening rise	-2033 Jan 09 j 04:05	12°342'29				-2031 Jul 25 j 16:11	0°II		
	-2033 Jan 23 j 01:58	0°≈				-2031 Aug 21 j 03:19	0°☾		
	-2033 Feb 16 j 08:47	0°✠		asc. node		-2031 Aug 30 j 05:35	10°☾44'03		
	-2033 Mar 12 j 21:53	0°Υ				-2031 Sep 15 j 05:41	0°Ω		
asc. node	-2033 Mar 15 j 10:14	3°Υ03'01				-2031 Oct 09 j 14:33	0°η		
	-2033 Apr 06 j 19:39	0°8				-2031 Nov 02 j 15:02	0°♄		
	-2033 May 02 j 05:29	0°II				-2031 Nov 26 j 13:07	0°♍		
	-2033 May 28 j 10:19	0°☾		desc. node		-2031 Dec 19 j 21:43	29°♍15'14		
	-2033 Jun 25 j 05:00	0°Ω				-2031 Dec 20 j 12:02	0°♁		
desc. node	-2033 Jul 05 j 01:58	9°Ω53'53		morning set		-2030 Jan 03 j 03:16	17°♁01'43		
evening max el	-2033 Jul 06 j 13:37	11°Ω20'11	46°04'55			-2030 Jan 13 j 13:06	0°3		
	-2033 Jul 28 j 03:07	0°η				-2030 Feb 06 j 16:39	0°≈		
greatest brilliancy	-2033 Aug 14 j 13:49	9°η57'19	-4.6m						
retrograde	-2033 Aug 24 j 23:15	11°η54'16		superior conj		-2030 Feb 12 j 15:58	7°≈23'52	-1°-24'-27	
evening set	-2033 Sep 11 j 10:08	6°η11'13		minimum elong		-2030 Feb 12 j 14:53	7°≈20'30	1°24'30	
inferior conj	-2033 Sep 14 j 16:55	4°η13'07	-8°-17'-5	max. Earth dist.		-2030 Feb 16 j 03:15	11°≈41'30	1.72729 AU	
minimum elong	-2033 Sep 15 j 00:42	4°η01'19	8°16'10			-2030 Mar 02 j 22:51	0°✠		
min. Earth dist.	-2033 Sep 15 j 08:12	3°η49'55	0.27018 AU	evening rise		-2030 Mar 22 j 23:07	24°✠38'03		
morning rise	-2033 Sep 18 j 15:04	1°η52'33				-2030 Mar 27 j 07:59	0°Υ		
	-2033 Sep 22 j 02:06	30°RΩ		asc. node		-2030 Apr 11 j 22:19	19°Υ06'40		
direct	-2033 Oct 05 j 10:11	26°Ω28'02				-2030 Apr 20 j 20:13	0°8		
greatest brilliancy	-2033 Oct 18 j 17:06	29°Ω44'48	-4.7m			-2030 May 15 j 11:48	0°II		
	-2033 Oct 19 j 05:57	0°η				-2030 Jun 09 j 07:33	0°☾		
asc. node	-2033 Oct 26 j 02:50	3°η53'58				-2030 Jul 04 j 09:39	0°Ω		
	-2033 Nov 25 j 02:37	0°♄				-2030 Jul 29 j 22:42	0°η		
morning max el	-2033 Nov 25 j 06:24	0°♄09'40	46°53'55	desc. node		-2030 Aug 01 j 13:49	3°η02'37		
	-2033 Dec 22 j 15:35	0°♍				-2030 Aug 25 j 08:56	0°♄		
	-2032 Jan 17 j 11:47	0°♁		evening max el		-2030 Sep 18 j 02:47	25°♄10'40	47°21'19	
	-2032 Feb 11 j 18:03	0°3				-2030 Sep 23 j 00:07	0°♍		
desc. node	-2032 Feb 14 j 19:18	3°338'59		greatest brilliancy		-2030 Oct 27 j 02:08	25°♍46'11	-4.7m	
	-2032 Mar 07 j 18:19	0°≈		retrograde		-2030 Nov 07 j 20:59	28°♍23'33		
	-2032 Apr 01 j 15:05	0°✠		evening set		-2030 Nov 22 j 06:52	24°♍13'59		
	-2032 Apr 26 j 08:52	0°Υ		asc. node		-2030 Nov 22 j 14:39	24°♍03'24		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-2030 Nov 28 j 11:41	20° \mathbb{M} 34'02	1°30'26	evening rise	-2027 May 29 j 06:27	29° \mathbb{U} 06'26	
minimum elong	-2030 Nov 28 j 08:21	20° \mathbb{M} 39'11	1°29'20		-2027 May 29 j 23:53	0° \mathbb{I}	
min. Earth dist.	-2030 Nov 27 j 20:28	20° \mathbb{M} 57'32	0.26513 AU		-2027 Jun 23 j 09:11	0° \mathbb{S}	
morning rise	-2030 Dec 04 j 10:18	17° \mathbb{M} 03'31			-2027 Jul 17 j 18:26	0° \mathbb{Q}	
direct	-2030 Dec 18 j 17:43	12° \mathbb{M} 56'33			-2027 Aug 11 j 05:09	0° \mathbb{P}	
greatest brilliancy	-2030 Dec 29 j 21:31	15° \mathbb{M} 15'53	-4.6m	desc. node	-2027 Aug 29 j 01:58	21° \mathbb{P} 49'11	
	-2029 Jan 21 j 11:15	0° \mathbb{X}			-2027 Sep 04 j 19:28	0° \mathbb{L}	
morning max el	-2029 Feb 06 j 12:12	14° \mathbb{X} 44'44	46°24'48		-2027 Sep 29 j 16:27	0° \mathbb{M}	
	-2029 Feb 21 j 09:40	0° \mathbb{Z}			-2027 Oct 25 j 02:41	0° \mathbb{X}	
desc. node	-2029 Mar 14 j 07:09	22° \mathbb{Z} 47'10			-2027 Nov 20 j 21:06	0° \mathbb{Z}	
	-2029 Mar 20 j 17:15	0° \mathbb{W}		evening max el	-2027 Nov 28 j 20:30	8° \mathbb{Z} 21'08	47°09'49
	-2029 Apr 15 j 20:15	0° \mathbb{H}		asc. node	-2027 Dec 20 j 02:26	28° \mathbb{Z} 04'21	
	-2029 May 11 j 08:24	0° \mathbb{Y}			-2027 Dec 22 j 13:12	0° \mathbb{W}	
	-2029 Jun 05 j 10:04	0° \mathbb{R}		greatest brilliancy	-2026 Jan 04 j 10:45	8° \mathbb{W} 15'45	-4.6m
	-2029 Jun 30 j 02:36	0° \mathbb{I}		retrograde	-2026 Jan 18 j 17:58	12° \mathbb{W} 01'23	
asc. node	-2029 Jul 05 j 07:55	6° \mathbb{I} 24'01		evening set	-2026 Feb 05 j 08:48	5° \mathbb{W} 54'32	
	-2029 Jul 24 j 10:50	0° \mathbb{S}		min. Earth dist.	-2026 Feb 08 j 04:16	4° \mathbb{W} 08'35	0.28450 AU
morning set	-2029 Aug 03 j 09:12	12° \mathbb{S} 20'38		inferior conj	-2026 Feb 08 j 21:06	3° \mathbb{W} 41'49	8°25'53
	-2029 Aug 17 j 12:25	0° \mathbb{Q}		minimum elong	-2026 Feb 08 j 18:57	3° \mathbb{W} 45'14	8°25'47
max. Earth dist.	-2029 Sep 08 j 00:21	26° \mathbb{Q} 59'06	1.71322 AU	morning rise	-2026 Feb 12 j 05:25	1° \mathbb{W} 35'55	
					-2026 Feb 14 j 22:59	30° \mathbb{R} \mathbb{Z}	
superior conj	-2029 Sep 10 j 04:54	29° \mathbb{Q} 44'24	1°20'14	direct	-2026 Mar 01 j 23:46	25° \mathbb{Z} 32'28	
minimum elong	-2029 Sep 10 j 11:02	0° \mathbb{P} 03'40	1°20'11	greatest brilliancy	-2026 Mar 13 j 02:05	27° \mathbb{Z} 47'14	-4.5m
	-2029 Sep 10 j 09:52	0° \mathbb{P}			-2026 Mar 18 j 00:08	0° \mathbb{W}	
	-2029 Oct 04 j 05:52	0° \mathbb{L}		desc. node	-2026 Apr 10 j 18:47	17° \mathbb{W} 13'48	
evening rise	-2029 Oct 20 j 16:30	20° \mathbb{L} 41'06		morning max el	-2026 Apr 19 j 21:40	25° \mathbb{W} 37'17	45°50'29
desc. node	-2029 Oct 25 j 00:02	26° \mathbb{L} 06'16			-2026 Apr 24 j 10:05	0° \mathbb{H}	
	-2029 Oct 28 j 02:29	0° \mathbb{M}			-2026 May 23 j 00:20	0° \mathbb{Y}	
	-2029 Nov 21 j 01:00	0° \mathbb{X}			-2026 Jun 18 j 13:16	0° \mathbb{R}	
	-2029 Dec 15 j 02:35	0° \mathbb{Z}			-2026 Jul 14 j 00:57	0° \mathbb{I}	
	-2028 Jan 08 j 09:21	0° \mathbb{W}		asc. node	-2026 Aug 01 j 19:49	22° \mathbb{I} 40'50	
	-2028 Feb 02 j 01:16	0° \mathbb{H}			-2026 Aug 07 j 19:33	0° \mathbb{S}	
asc. node	-2028 Feb 15 j 00:14	15° \mathbb{H} 28'51			-2026 Sep 01 j 01:55	0° \mathbb{Q}	
	-2028 Feb 27 j 08:58	0° \mathbb{Y}			-2026 Sep 25 j 00:32	0° \mathbb{P}	
	-2028 Mar 24 j 21:00	0° \mathbb{R}		morning set	-2026 Oct 15 j 06:18	25° \mathbb{P} 30'42	
evening max el	-2028 Apr 21 j 21:57	28° \mathbb{R} 57'19	45°12'39		-2026 Oct 18 j 19:41	0° \mathbb{L}	
	-2028 Apr 23 j 00:24	0° \mathbb{I}			-2026 Nov 11 j 14:41	0° \mathbb{M}	
greatest brilliancy	-2028 May 27 j 05:37	25° \mathbb{I} 18'04	-4.5m	desc. node	-2026 Nov 21 j 11:52	12° \mathbb{M} 26'16	
desc. node	-2028 Jun 05 j 16:15	28° \mathbb{I} 02'16					
retrograde	-2028 Jun 09 j 07:57	28° \mathbb{I} 17'22		superior conj	-2026 Nov 25 j 18:58	17° \mathbb{M} 50'18	0°-10'-7
evening set	-2028 Jun 24 j 18:53	23° \mathbb{I} 45'17		minimum elong	-2026 Nov 25 j 16:11	17° \mathbb{M} 41'34	0°10'01
inferior conj	-2028 Jun 30 j 15:17	20° \mathbb{I} 18'13	-5°-27'-6	behind sun begin	-2026 Nov 24 j 18:33	16° \mathbb{M} 33'36	
minimum elong	-2028 Jun 30 j 05:26	20° \mathbb{I} 33'20	5°24'48	behind sun end	-2026 Nov 26 j 13:49	18° \mathbb{M} 49'33	
min. Earth dist.	-2028 Jun 30 j 21:56	20° \mathbb{I} 08'00	0.28463 AU	max. Earth dist.	-2026 Nov 29 j 15:47	22° \mathbb{M} 41'54	1.71166 AU
morning rise	-2028 Jul 05 j 15:33	17° \mathbb{I} 18'03			-2026 Dec 05 j 11:22	0° \mathbb{X}	
direct	-2028 Jul 22 j 03:52	12° \mathbb{I} 07'54			-2026 Dec 29 j 10:33	0° \mathbb{Z}	
greatest brilliancy	-2028 Aug 05 j 18:34	15° \mathbb{I} 53'04	-4.6m	evening rise	-2025 Jan 06 j 15:22	10° \mathbb{Z} 13'51	
	-2028 Aug 26 j 05:35	0° \mathbb{S}			-2025 Jan 22 j 12:58	0° \mathbb{W}	
morning max el	-2028 Sep 10 j 05:40	13° \mathbb{S} 59'41	46°33'20		-2025 Feb 15 j 19:54	0° \mathbb{H}	
	-2028 Sep 25 j 11:50	0° \mathbb{Q}			-2025 Mar 12 j 09:17	0° \mathbb{Y}	
asc. node	-2028 Sep 26 j 17:19	1° \mathbb{Q} 20'44		asc. node	-2025 Mar 14 j 12:23	2° \mathbb{Y} 34'53	
	-2028 Oct 21 j 18:45	0° \mathbb{P}			-2025 Apr 06 j 07:38	0° \mathbb{R}	
	-2028 Nov 15 j 17:59	0° \mathbb{L}			-2025 May 01 j 18:32	0° \mathbb{I}	
	-2028 Dec 10 j 05:13	0° \mathbb{M}			-2025 May 28 j 01:27	0° \mathbb{S}	
	-2027 Jan 03 j 13:08	0° \mathbb{X}			-2025 Jun 25 j 01:08	0° \mathbb{Q}	
desc. node	-2027 Jan 16 j 09:31	15° \mathbb{X} 50'35		evening max el	-2025 Jul 04 j 02:40	8° \mathbb{Q} 58'52	46°02'00
	-2027 Jan 27 j 21:13	0° \mathbb{Z}		desc. node	-2025 Jul 04 j 04:02	9° \mathbb{Q} 02'11	
	-2027 Feb 21 j 06:22	0° \mathbb{W}			-2025 Jul 29 j 00:26	0° \mathbb{P}	
morning set	-2027 Mar 17 j 11:33	29° \mathbb{W} 44'48		greatest brilliancy	-2025 Aug 12 j 02:11	7° \mathbb{P} 32'36	-4.6m
	-2027 Mar 17 j 16:30	0° \mathbb{H}		retrograde	-2025 Aug 22 j 10:37	9° \mathbb{P} 28'44	
	-2027 Apr 11 j 03:11	0° \mathbb{Y}		evening set	-2025 Sep 09 j 01:03	3° \mathbb{P} 42'13	
max. Earth dist.	-2027 Apr 22 j 17:50	14° \mathbb{Y} 14'51	1.73702 AU	inferior conj	-2025 Sep 12 j 05:30	1° \mathbb{P} 47'26	-8°-25'-10
				minimum elong	-2025 Sep 12 j 12:33	1° \mathbb{P} 36'44	8°24'25
superior conj	-2027 Apr 23 j 06:36	14° \mathbb{Y} 54'01	0°-36'-46	min. Earth dist.	-2025 Sep 12 j 21:06	1° \mathbb{P} 23'44	0.27072 AU
minimum elong	-2027 Apr 23 j 13:24	15° \mathbb{Y} 14'54	0°36'29		-2025 Sep 15 j 04:47	30° \mathbb{R} \mathbb{Q}	
	-2027 May 05 j 13:50	0° \mathbb{R}		morning rise	-2025 Sep 15 j 23:50	29° \mathbb{Q} 32'06	
asc. node	-2027 May 09 j 10:17	4° \mathbb{R} 43'44		direct	-2025 Oct 02 j 23:11	24° \mathbb{Q} 01'27	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-2025 Oct 16 j 07:50	27° Ω 19'20	-4.7m		-2022 May 14 j 23:16	0° Π	
	-2025 Oct 21 j 08:24	0° η			-2022 Jun 08 j 19:37	0° Θ	
asc. node	-2025 Oct 25 j 04:57	2° η 27'43			-2022 Jul 03 j 22:41	0° Ω	
morning max el	-2025 Nov 22 j 18:43	27° η 39'52	46°54'12		-2022 Jul 29 j 13:21	0° η	
	-2025 Nov 25 j 01:04	0° $\underline{\Omega}$		desc. node	-2022 Jul 31 j 15:58	2° η 26'00	
	-2025 Dec 22 j 07:59	0° \mathbb{M}			-2022 Aug 25 j 02:42	0° $\underline{\Omega}$	
	-2024 Jan 17 j 01:48	0° \mathcal{A}		evening max el	-2022 Sep 15 j 15:56	22° $\underline{\Omega}$ 44'04	47°19'47
	-2024 Feb 11 j 06:45	0° \mathcal{Z}			-2022 Sep 23 j 02:42	0° \mathbb{M}	
desc. node	-2024 Feb 13 j 21:29	3° \mathcal{Z} 07'47		greatest brilliancy	-2022 Oct 24 j 16:31	23° \mathbb{M} 17'37	-4.7m
	-2024 Mar 07 j 06:13	0° \approx		retrograde	-2022 Nov 05 j 09:49	25° \mathbb{M} 53'32	
	-2024 Apr 01 j 02:28	0° \mathcal{H}		evening set	-2022 Nov 19 j 19:23	21° \mathbb{M} 44'01	
	-2024 Apr 25 j 19:56	0° Υ		asc. node	-2022 Nov 21 j 16:38	20° \mathbb{M} 40'48	
	-2024 May 20 j 10:11	0° \mathcal{B}		min. Earth dist.	-2022 Nov 25 j 10:16	18° \mathbb{M} 26'12	0.26478 AU
morning set	-2024 May 24 j 01:39	4° \mathcal{B} 27'46		inferior conj	-2022 Nov 26 j 00:10	18° \mathbb{M} 04'50	1°06'34
asc. node	-2024 Jun 05 j 22:09	20° \mathcal{B} 14'09		minimum elong	-2022 Nov 25 j 21:41	18° \mathbb{M} 08'39	1°05'44
	-2024 Jun 13 j 20:31	0° Π		morning rise	-2022 Dec 02 j 00:24	14° \mathbb{M} 32'41	
max. Earth dist.	-2024 Jun 25 j 03:07	13° Π 55'18	1.73000 AU	direct	-2022 Dec 16 j 05:55	10° \mathbb{M} 27'38	
				greatest brilliancy	-2022 Dec 27 j 12:01	12° \mathbb{M} 49'53	-4.6m
superior conj	-2024 Jun 29 j 04:22	18° Π 56'02	0°51'12		-2021 Jan 21 j 20:05	0° \mathcal{A}	
minimum elong	-2024 Jun 28 j 20:04	18° Π 30'23	0°50'54	morning max el	-2021 Feb 04 j 02:29	12° \mathcal{A} 23'40	46°26'20
	-2024 Jul 08 j 02:40	0° Θ			-2021 Feb 21 j 04:26	0° \mathcal{Z}	
	-2024 Aug 01 j 05:28	0° Ω		desc. node	-2021 Mar 13 j 09:14	22° \mathcal{Z} 09'22	
evening rise	-2024 Aug 04 j 08:58	3° Ω 55'17			-2021 Mar 20 j 08:08	0° \approx	
	-2024 Aug 25 j 06:34	0° η			-2021 Apr 15 j 09:21	0° \mathcal{H}	
	-2024 Sep 18 j 07:55	0° $\underline{\Omega}$			-2021 May 10 j 20:30	0° Υ	
desc. node	-2024 Sep 25 j 14:03	9° $\underline{\Omega}$ 02'00			-2021 Jun 04 j 21:36	0° \mathcal{B}	
	-2024 Oct 12 j 11:05	0° \mathbb{M}			-2021 Jun 29 j 13:49	0° Π	
	-2024 Nov 05 j 17:39	0° \mathcal{A}		asc. node	-2021 Jul 04 j 10:06	5° Π 56'25	
	-2024 Nov 30 j 06:47	0° \mathcal{Z}			-2021 Jul 23 j 21:57	0° Θ	
	-2024 Dec 25 j 09:49	0° \approx		morning set	-2021 Aug 01 j 01:25	10° Θ 07'06	
asc. node	-2023 Jan 16 j 14:23	25° \approx 20'56			-2021 Aug 16 j 23:33	0° Ω	
	-2023 Jan 20 j 20:04	0° \mathcal{H}		max. Earth dist.	-2021 Sep 05 j 10:57	24° Ω 26'18	1.71368 AU
evening max el	-2023 Feb 07 j 20:35	18° \mathcal{H} 45'20	45°50'00				
	-2023 Feb 19 j 22:04	0° Υ		superior conj	-2021 Sep 07 j 18:33	27° Ω 21'04	1°21'17
greatest brilliancy	-2023 Mar 14 j 05:01	15° Υ 41'37	-4.5m	minimum elong	-2021 Sep 07 j 23:54	27° Ω 37'55	1°21'14
retrograde	-2023 Mar 28 j 22:02	19° Υ 30'26			-2021 Sep 09 j 21:05	0° η	
evening set	-2023 Apr 13 j 21:47	14° Υ 36'05			-2021 Oct 03 j 17:12	0° $\underline{\Omega}$	
inferior conj	-2023 Apr 19 j 09:48	11° Υ 14'46	4°09'39	evening rise	-2021 Oct 18 j 02:12	18° $\underline{\Omega}$ 04'56	
minimum elong	-2023 Apr 19 j 17:41	11° Υ 02'20	4°07'43	desc. node	-2021 Oct 24 j 02:01	25° $\underline{\Omega}$ 36'42	
min. Earth dist.	-2023 Apr 19 j 20:50	10° Υ 57'20	0.29148 AU		-2021 Oct 27 j 13:55	0° \mathbb{M}	
morning rise	-2023 Apr 25 j 13:24	7° Υ 30'24			-2021 Nov 20 j 12:32	0° \mathcal{A}	
desc. node	-2023 May 08 j 06:25	3° Υ 01'16			-2021 Dec 14 j 14:18	0° \mathcal{Z}	
direct	-2023 May 11 j 02:48	2° Υ 51'47			-2020 Jan 07 j 21:21	0° \approx	
greatest brilliancy	-2023 May 24 j 18:18	6° Υ 05'34	-4.5m		-2020 Feb 01 j 13:47	0° \mathcal{H}	
	-2023 Jun 26 j 03:17	0° \mathcal{B}		asc. node	-2020 Feb 14 j 02:23	14° \mathcal{H} 56'45	
morning max el	-2023 Jun 29 j 00:57	2° \mathcal{B} 45'07	45°54'23		-2020 Feb 26 j 22:34	0° Υ	
	-2023 Jul 25 j 08:27	0° Π			-2020 Mar 24 j 13:06	0° \mathcal{B}	
	-2023 Aug 20 j 17:04	0° Θ		evening max el	-2020 Apr 19 j 14:29	26° \mathcal{B} 48'12	45°12'34
asc. node	-2023 Aug 29 j 07:44	10° Θ 10'54			-2020 Apr 23 j 00:11	0° Π	
	-2023 Sep 14 j 18:19	0° Ω		greatest brilliancy	-2020 May 24 j 18:39	23° Π 04'01	-4.5m
	-2023 Oct 09 j 02:36	0° η		desc. node	-2020 Jun 04 j 18:19	25° Π 59'47	
	-2023 Nov 02 j 02:46	0° $\underline{\Omega}$		retrograde	-2020 Jun 06 j 23:31	26° Π 05'22	
	-2023 Nov 26 j 00:38	0° \mathbb{M}		evening set	-2020 Jun 22 j 08:06	21° Π 36'14	
desc. node	-2023 Dec 18 j 23:42	28° \mathbb{M} 45'56		inferior conj	-2020 Jun 28 j 06:43	18° Π 05'36	-5°-10'-41
	-2023 Dec 19 j 23:23	0° \mathcal{A}		minimum elong	-2020 Jun 27 j 21:07	18° Π 20'21	5°08'21
morning set	-2023 Dec 31 j 13:28	14° \mathcal{A} 28'34		min. Earth dist.	-2020 Jun 28 j 12:58	17° Π 55'59	0.28496 AU
	-2022 Jan 13 j 00:19	0° \mathcal{Z}		morning rise	-2020 Jul 03 j 09:46	15° Π 01'21	
	-2022 Feb 06 j 03:44	0° \approx		direct	-2020 Jul 19 j 20:23	9° Π 54'53	
				greatest brilliancy	-2020 Aug 03 j 09:45	13° Π 38'49	-4.6m
superior conj	-2022 Feb 10 j 05:52	5° \approx 04'01	-1°-24'-13		-2020 Aug 26 j 11:32	0° Θ	
minimum elong	-2022 Feb 10 j 03:53	4° \approx 57'53	1°24'15	morning max el	-2020 Sep 07 j 21:00	11° Θ 42'32	46°31'44
max. Earth dist.	-2022 Feb 13 j 17:03	9° \approx 21'31	1.72670 AU		-2020 Sep 25 j 05:48	0° Ω	
	-2022 Mar 02 j 09:52	0° \mathcal{H}		asc. node	-2020 Sep 25 j 19:24	0° Ω 37'29	
evening rise	-2022 Mar 20 j 15:39	22° \mathcal{H} 27'36			-2020 Oct 21 j 09:33	0° η	
	-2022 Mar 26 j 18:59	0° Υ			-2020 Nov 15 j 07:22	0° $\underline{\Omega}$	
asc. node	-2022 Apr 11 j 00:23	18° Υ 39'12			-2020 Dec 09 j 17:49	0° \mathbb{M}	
	-2022 Apr 20 j 07:21	0° \mathcal{B}			-2019 Jan 03 j 01:13	0° \mathcal{A}	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-2019 Jan 15 j 11:45	15° \mathcal{A} 20'56		evening max el	-2017 Jul 01 j 15:07	6° Ω 36'04	45°59'14
	-2019 Jan 27 j 08:54	0° \mathcal{B}		desc. node	-2017 Jul 03 j 06:16	8° Ω 09'40	
	-2019 Feb 20 j 17:45	0° \approx			-2017 Jul 30 j 05:22	0° \mathfrak{M}	
morning set	-2019 Mar 15 j 03:52	27° \approx 33'18		greatest brilliancy	-2017 Aug 09 j 14:41	5° \mathfrak{M} 08'40	-4.6m
	-2019 Mar 17 j 03:39	0° \mathcal{H}		retrograde	-2017 Aug 19 j 22:25	7° \mathfrak{M} 04'35	
	-2019 Apr 10 j 14:11	0° \mathcal{Y}		evening set	-2017 Sep 06 j 16:01	1° \mathfrak{M} 14'44	
max. Earth dist.	-2019 Apr 20 j 17:19	12° \mathcal{Y} 25'54	1.73693 AU		-2017 Sep 08 j 18:04	30° $\mathcal{R}\Omega$	
				inferior conj	-2017 Sep 09 j 18:27	29° Ω 22'59	-8°-32'-9
superior conj	-2019 Apr 21 j 00:47	12° \mathcal{Y} 48'48	0°-39'-34	minimum elong	-2017 Sep 10 j 00:44	29° Ω 13'26	8°31'33
minimum elong	-2019 Apr 21 j 08:00	13° \mathcal{Y} 10'57	0°39'16	min. Earth dist.	-2017 Sep 10 j 10:24	28° Ω 58'45	0.27127 AU
	-2019 May 05 j 00:48	0° \mathcal{B}		morning rise	-2017 Sep 13 j 09:15	27° Ω 12'41	
asc. node	-2019 May 08 j 12:19	4° \mathcal{B} 16'19		direct	-2017 Sep 30 j 12:13	21° Ω 35'56	
evening rise	-2019 May 27 j 01:55	27° \mathcal{B} 04'48		greatest brilliancy	-2017 Oct 13 j 23:39	24° Ω 56'10	-4.7m
	-2019 May 29 j 10:56	0° \mathcal{H}			-2017 Oct 22 j 17:40	0° \mathfrak{M}	
	-2019 Jun 22 j 20:26	0° \mathcal{B}		asc. node	-2017 Oct 24 j 06:59	1° \mathfrak{M} 04'39	
	-2019 Jul 17 j 06:00	0° Ω		morning max el	-2017 Nov 20 j 07:17	25° \mathfrak{M} 10'48	46°54'18
	-2019 Aug 10 j 17:13	0° \mathfrak{M}			-2017 Nov 24 j 22:40	0° $\underline{\mathcal{A}}$	
desc. node	-2019 Aug 28 j 04:05	21° \mathfrak{M} 17'23			-2017 Dec 22 j 00:12	0° \mathcal{M}	
	-2019 Sep 04 j 08:14	0° $\underline{\mathcal{A}}$			-2016 Jan 16 j 15:50	0° \mathcal{A}	
	-2019 Sep 29 j 06:19	0° \mathcal{M}			-2016 Feb 10 j 19:35	0° \mathcal{B}	
	-2019 Oct 24 j 18:27	0° \mathcal{A}		desc. node	-2016 Feb 12 j 23:32	2° \mathcal{B} 35'43	
	-2019 Nov 20 j 17:13	0° \mathcal{B}			-2016 Mar 06 j 18:16	0° \approx	
evening max el	-2019 Nov 26 j 12:40	6° \mathcal{B} 03'03	47°11'52		-2016 Mar 31 j 14:00	0° \mathcal{H}	
asc. node	-2019 Dec 19 j 04:39	26° \mathcal{B} 54'19			-2016 Apr 25 j 07:06	0° \mathcal{Y}	
	-2019 Dec 23 j 07:35	0° \approx			-2016 May 19 j 21:09	0° \mathcal{B}	
greatest brilliancy	-2018 Jan 02 j 05:15	6° \approx 01'43	-4.6m	morning set	-2016 May 21 j 20:16	2° \mathcal{B} 24'16	
retrograde	-2018 Jan 16 j 10:06	9° \approx 44'12		asc. node	-2016 Jun 05 j 00:20	19° \mathcal{B} 47'24	
evening set	-2018 Feb 02 j 22:59	3° \approx 40'28			-2016 Jun 13 j 07:24	0° \mathcal{H}	
min. Earth dist.	-2018 Feb 05 j 18:41	1° \approx 54'04	0.28384 AU	max. Earth dist.	-2016 Jun 22 j 23:34	11° \mathcal{H} 56'28	1.73051 AU
inferior conj	-2018 Feb 06 j 12:42	1° \approx 25'22	8°23'51				
minimum elong	-2018 Feb 06 j 09:50	1° \approx 29'56	8°23'41	superior conj	-2016 Jun 26 j 22:43	16° \mathcal{H} 50'39	0°48'40
	-2018 Feb 08 j 18:42	30° $\mathcal{R}\mathcal{B}$		minimum elong	-2016 Jun 26 j 14:38	16° \mathcal{H} 25'38	0°48'23
morning rise	-2018 Feb 09 j 21:02	29° \mathcal{B} 19'23			-2016 Jul 07 j 13:35	0° \mathcal{B}	
direct	-2018 Feb 27 j 14:59	23° \mathcal{B} 17'24			-2016 Jul 31 j 16:30	0° Ω	
greatest brilliancy	-2018 Mar 10 j 14:07	25° \mathcal{B} 29'13	-4.5m	evening rise	-2016 Aug 02 j 01:42	1° Ω 43'26	
	-2018 Mar 19 j 15:41	0° \approx			-2016 Aug 24 j 17:49	0° \mathfrak{M}	
desc. node	-2018 Apr 09 j 20:50	16° \approx 17'41			-2016 Sep 17 j 19:25	0° $\underline{\mathcal{A}}$	
morning max el	-2018 Apr 17 j 12:33	23° \approx 23'26	45°51'04	desc. node	-2016 Sep 24 j 16:03	8° $\underline{\mathcal{A}}$ 32'15	
	-2018 Apr 24 j 06:58	0° \mathcal{H}			-2016 Oct 11 j 22:53	0° \mathcal{M}	
	-2018 May 22 j 15:42	0° \mathcal{Y}			-2016 Nov 05 j 05:52	0° \mathcal{A}	
	-2018 Jun 18 j 02:32	0° \mathcal{B}			-2016 Nov 29 j 19:41	0° \mathcal{B}	
	-2018 Jul 13 j 13:12	0° \mathcal{H}			-2016 Dec 25 j 00:01	0° \approx	
asc. node	-2018 Jul 31 j 22:00	22° \mathcal{H} 11'32		asc. node	-2015 Jan 15 j 16:29	24° \approx 41'04	
	-2018 Aug 07 j 07:15	0° \mathcal{B}			-2015 Jan 20 j 13:21	0° \mathcal{H}	
	-2018 Aug 31 j 13:20	0° Ω		evening max el	-2015 Feb 05 j 11:08	16° \mathcal{H} 29'28	45°52'30
	-2018 Sep 24 j 11:49	0° \mathfrak{M}			-2015 Feb 20 j 03:12	0° \mathcal{Y}	
morning set	-2018 Oct 12 j 18:00	23° \mathfrak{M} 00'38		greatest brilliancy	-2015 Mar 11 j 20:18	13° \mathcal{Y} 31'24	-4.5m
	-2018 Oct 18 j 06:57	0° $\underline{\mathcal{A}}$		retrograde	-2015 Mar 26 j 14:57	17° \mathcal{Y} 22'51	
	-2018 Nov 11 j 01:58	0° \mathcal{M}		evening set	-2015 Apr 11 j 16:49	12° \mathcal{Y} 24'31	
desc. node	-2018 Nov 20 j 13:58	11° \mathcal{M} 57'21		inferior conj	-2015 Apr 17 j 02:35	9° \mathcal{Y} 06'31	4°26'08
				minimum elong	-2015 Apr 17 j 10:48	8° \mathcal{Y} 53'33	4°24'08
superior conj	-2018 Nov 23 j 04:01	15° \mathcal{M} 12'27	0°-6'-6	min. Earth dist.	-2015 Apr 17 j 13:28	8° \mathcal{Y} 49'21	0.29157 AU
minimum elong	-2018 Nov 23 j 02:20	15° \mathcal{M} 07'08	0°06'04	morning rise	-2015 Apr 23 j 04:38	5° \mathcal{Y} 24'26	
behind sun begin	-2018 Nov 22 j 01:01	13° \mathcal{M} 47'34		desc. node	-2015 May 07 j 08:30	0° \mathcal{Y} 45'41	
behind sun end	-2018 Nov 24 j 03:39	16° \mathcal{M} 26'41		direct	-2015 May 08 j 19:03	0° \mathcal{Y} 43'16	
max. Earth dist.	-2018 Nov 26 j 21:59	19° \mathcal{M} 55'07	1.71134 AU	greatest brilliancy	-2015 May 22 j 10:36	3° \mathcal{Y} 57'08	-4.5m
	-2018 Dec 04 j 22:40	0° \mathcal{A}			-2015 Jun 26 j 02:20	0° \mathcal{B}	
	-2018 Dec 28 j 21:51	0° \mathcal{B}		morning max el	-2015 Jun 26 j 17:21	0° \mathcal{B} 35'53	45°53'36
evening rise	-2017 Jan 04 j 02:02	7° \mathcal{B} 42'14			-2015 Jul 25 j 00:21	0° \mathcal{H}	
	-2017 Jan 22 j 00:17	0° \approx			-2015 Aug 20 j 06:35	0° \mathcal{B}	
	-2017 Feb 15 j 07:18	0° \mathcal{H}		asc. node	-2015 Aug 28 j 09:44	9° \mathcal{B} 37'53	
	-2017 Mar 11 j 20:58	0° \mathcal{Y}			-2015 Sep 14 j 06:45	0° Ω	
asc. node	-2017 Mar 13 j 14:25	2° \mathcal{Y} 05'36			-2015 Oct 08 j 14:29	0° \mathfrak{M}	
	-2017 Apr 05 j 19:52	0° \mathcal{B}			-2015 Nov 01 j 14:21	0° $\underline{\mathcal{A}}$	
	-2017 May 01 j 07:52	0° \mathcal{H}			-2015 Nov 25 j 11:59	0° \mathcal{M}	
	-2017 May 27 j 16:56	0° \mathcal{B}		desc. node	-2015 Dec 18 j 01:56	28° \mathcal{M} 17'58	
	-2017 Jun 24 j 22:00	0° Ω			-2015 Dec 19 j 10:33	0° \mathcal{A}	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning set	-2015 Dec 28 j 23:54	11° ♁ 56'36		min. Earth dist.	-2012 Jun 26 j 04:17	15° ♁ 43'58	0.28528 AU
	-2014 Jan 12 j 11:20	0° ♁		morning rise	-2012 Jul 01 j 03:49	12° ♁ 45'09	
	-2014 Feb 05 j 14:40	0° \approx		direct	-2012 Jul 17 j 12:32	7° ♁ 42'29	
				greatest brilliancy	-2012 Aug 01 j 00:22	11° ♁ 24'23	-4.6m
superior conj	-2014 Feb 07 j 19:38	2° \approx 44'08	-1°-23'-49		-2012 Aug 26 j 15:16	0° ♁	
minimum elong	-2014 Feb 07 j 16:45	2° \approx 35'13	1°23'51	morning max el	-2012 Sep 05 j 11:17	9° ♁ 23'42	46°30'16
max. Earth dist.	-2014 Feb 11 j 06:40	7° \approx 01'20	1.72620 AU	asc. node	-2012 Sep 24 j 21:32	29° ♁ 55'47	
	-2014 Mar 01 j 20:45	0° ♁			-2012 Sep 24 j 23:03	0° Ω	
evening rise	-2014 Mar 18 j 07:55	20° ♁ 16'40			-2012 Oct 20 j 23:49	0° ♁	
	-2014 Mar 26 j 05:54	0° ♁			-2012 Nov 14 j 20:17	0° ♁	
asc. node	-2014 Apr 10 j 02:25	18° ♁ 11'48			-2012 Dec 09 j 06:00	0° ♁	
	-2014 Apr 19 j 18:25	0° ♁			-2011 Jan 02 j 12:54	0° ♁	
	-2014 May 14 j 10:39	0° ♁		desc. node	-2011 Jan 14 j 13:45	14° ♁ 51'39	
	-2014 Jun 08 j 07:34	0° ♁			-2011 Jan 26 j 20:13	0° ♁	
	-2014 Jul 03 j 11:37	0° Ω			-2011 Feb 20 j 04:46	0° \approx	
	-2014 Jul 29 j 03:58	0° ♁		morning set	-2011 Mar 12 j 20:17	25° \approx 23'11	
desc. node	-2014 Jul 30 j 18:01	1° ♁ 49'27			-2011 Mar 16 j 14:25	0° ♁	
	-2014 Aug 24 j 20:37	0° ♁			-2011 Apr 10 j 00:49	0° ♁	
evening max el	-2014 Sep 13 j 06:05	20° ♁ 20'57	47°18'09				
	-2014 Sep 23 j 06:31	0° ♁		superior conj	-2011 Apr 18 j 19:05	10° ♁ 45'06	0°-42'-18
greatest brilliancy	-2014 Oct 22 j 06:25	20° ♁ 49'30	-4.7m	minimum elong	-2011 Apr 19 j 02:40	11° ♁ 08'21	0°41'59
retrograde	-2014 Nov 02 j 23:08	23° ♁ 24'28		max. Earth dist.	-2011 Apr 18 j 16:07	10° ♁ 36'00	1.73683 AU
evening set	-2014 Nov 17 j 08:14	19° ♁ 14'51			-2011 May 04 j 11:25	0° ♁	
asc. node	-2014 Nov 20 j 18:51	17° ♁ 16'37		asc. node	-2011 May 07 j 14:32	3° ♁ 50'30	
min. Earth dist.	-2014 Nov 22 j 23:48	15° ♁ 56'12	0.26444 AU	evening rise	-2011 May 24 j 21:22	25° ♁ 04'07	
inferior conj	-2014 Nov 23 j 12:40	15° ♁ 36'30	0°42'26		-2011 May 28 j 21:40	0° ♁	
minimum elong	-2014 Nov 23 j 11:04	15° ♁ 38'56	0°41'54		-2011 Jun 22 j 07:24	0° ♁	
morning rise	-2014 Nov 29 j 14:22	12° ♁ 03'05			-2011 Jul 16 j 17:19	0° Ω	
direct	-2014 Dec 13 j 18:39	7° ♁ 59'53			-2011 Aug 10 j 05:01	0° ♁	
greatest brilliancy	-2014 Dec 25 j 01:40	10° ♁ 23'54	-4.6m	desc. node	-2011 Aug 27 j 06:04	20° ♁ 46'03	
	-2013 Jan 22 j 02:01	0° ♁			-2011 Sep 03 j 20:46	0° ♁	
morning max el	-2013 Feb 01 j 17:02	10° ♁ 04'20	46°27'46		-2011 Sep 28 j 19:57	0° ♁	
	-2013 Feb 20 j 22:21	0° ♁			-2011 Oct 24 j 10:02	0° ♁	
desc. node	-2013 Mar 12 j 11:18	21° ♁ 32'51			-2011 Nov 20 j 13:32	0° ♁	
	-2013 Mar 19 j 22:31	0° \approx		evening max el	-2011 Nov 24 j 03:45	3° ♁ 43'08	47°13'48
	-2013 Apr 14 j 22:06	0° ♁		asc. node	-2011 Dec 18 j 06:47	25° ♁ 43'14	
	-2013 May 10 j 08:21	0° ♁			-2011 Dec 24 j 07:52	0° \approx	
	-2013 Jun 04 j 08:54	0° ♁		greatest brilliancy	-2011 Dec 31 j 00:03	3° \approx 48'47	-4.6m
	-2013 Jun 29 j 00:49	0° ♁		retrograde	-2010 Jan 14 j 01:44	7° \approx 27'48	
asc. node	-2013 Jul 03 j 12:14	5° ♁ 29'18		evening set	-2010 Jan 31 j 12:48	1° \approx 27'46	
	-2013 Jul 23 j 08:48	0° ♁			-2010 Feb 02 j 20:50	30° ♁	
morning set	-2013 Jul 29 j 17:38	7° ♁ 54'34		min. Earth dist.	-2010 Feb 03 j 09:28	29° ♁ 39'53	0.28317 AU
	-2013 Aug 16 j 10:24	0° Ω		inferior conj	-2010 Feb 04 j 04:18	29° ♁ 09'50	8°20'53
max. Earth dist.	-2013 Sep 02 j 20:28	21° Ω 51'09	1.71413 AU	minimum elong	-2010 Feb 04 j 00:42	29° ♁ 15'35	8°20'39
				morning rise	-2010 Feb 07 j 12:56	27° ♁ 03'15	
superior conj	-2013 Sep 05 j 08:23	24° Ω 59'25	1°22'10	direct	-2010 Feb 25 j 05:44	21° ♁ 03'08	
minimum elong	-2013 Sep 05 j 12:56	25° Ω 13'42	1°22'08	greatest brilliancy	-2010 Mar 08 j 03:07	23° ♁ 13'03	-4.5m
	-2013 Sep 09 j 08:00	0° ♁			-2010 Mar 20 j 18:44	0° \approx	
	-2013 Oct 03 j 04:13	0° ♁		desc. node	-2010 Apr 08 j 22:54	15° \approx 23'51	
evening rise	-2013 Oct 15 j 12:04	15° ♁ 30'14		morning max el	-2010 Apr 15 j 02:33	21° \approx 08'22	45°51'49
desc. node	-2013 Oct 23 j 04:08	25° ♁ 08'23			-2010 Apr 24 j 02:44	0° ♁	
	-2013 Oct 27 j 01:03	0° ♁			-2010 May 22 j 06:28	0° ♁	
	-2013 Nov 19 j 23:49	0° ♁			-2010 Jun 17 j 15:21	0° ♁	
	-2013 Dec 14 j 01:44	0° ♁			-2010 Jul 13 j 01:05	0° ♁	
	-2012 Jan 07 j 09:03	0° \approx		asc. node	-2010 Jul 31 j 00:00	21° ♁ 42'35	
	-2012 Feb 01 j 02:00	0° ♁			-2010 Aug 06 j 18:40	0° ♁	
asc. node	-2012 Feb 13 j 04:25	14° ♁ 25'18			-2010 Aug 31 j 00:29	0° Ω	
	-2012 Feb 26 j 11:55	0° ♁			-2010 Sep 23 j 22:52	0° ♁	
	-2012 Mar 24 j 05:06	0° ♁		morning set	-2010 Oct 10 j 05:31	20° ♁ 30'49	
evening max el	-2012 Apr 17 j 06:46	24° ♁ 39'11	45°12'17		-2010 Oct 17 j 17:58	0° ♁	
	-2012 Apr 23 j 00:48	0° ♁			-2010 Nov 10 j 12:59	0° ♁	
greatest brilliancy	-2012 May 22 j 08:43	20° ♁ 51'40	-4.5m	desc. node	-2010 Nov 19 j 16:07	11° ♁ 29'37	
desc. node	-2012 Jun 03 j 20:33	23° ♁ 53'03					
retrograde	-2012 Jun 04 j 14:29	23° ♁ 53'41		superior conj	-2010 Nov 20 j 12:58	12° ♁ 35'08	0°-2'-3
evening set	-2012 Jun 19 j 21:23	19° ♁ 27'30		minimum elong	-2010 Nov 20 j 12:23	12° ♁ 33'18	0°02'05
inferior conj	-2012 Jun 25 j 22:04	15° ♁ 53'34	-4°-53'-38	behind sun begin	-2010 Nov 19 j 09:35	11° ♁ 09'02	
minimum elong	-2012 Jun 25 j 12:47	16° ♁ 07'52	4°51'21	behind sun end	-2010 Nov 21 j 15:10	13° ♁ 57'32	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

max. Earth dist.	-2010 Nov 24 j 01:26	17° \mathbb{M} 00'37	1.71101 AU	desc. node	-2007 May 06 j 10:43	28° \mathbb{H} 35'04	
	-2010 Dec 04 j 09:40	0° \mathbb{X}			-2007 May 15 j 07:31	0° \mathbb{Y}	
	-2010 Dec 28 j 08:51	0° \mathbb{Z}		greatest brilliancy	-2007 May 20 j 02:26	1° \mathbb{Y} 48'34	-4.5m
evening rise	-2009 Jan 01 j 12:35	5° \mathbb{Z} 11'08		morning max el	-2007 Jun 24 j 10:30	28° \mathbb{Y} 28'54	45°52'55
	-2009 Jan 21 j 11:18	0° \approx			-2007 Jun 26 j 00:20	0° \mathbb{X}	
	-2009 Feb 14 j 18:27	0° \mathbb{H}			-2007 Jul 24 j 15:53	0° \mathbb{II}	
	-2009 Mar 11 j 08:24	0° \mathbb{Y}			-2007 Aug 19 j 19:53	0° \mathbb{S}	
asc. node	-2009 Mar 12 j 16:32	1° \mathbb{Y} 37'21		asc. node	-2007 Aug 27 j 11:54	9° \mathbb{S} 05'47	
	-2009 Apr 05 j 07:52	0° \mathbb{X}			-2007 Sep 13 j 19:03	0° \mathbb{Q}	
	-2009 Apr 30 j 20:57	0° \mathbb{II}			-2007 Oct 08 j 02:19	0° \mathbb{M}	
	-2009 May 27 j 08:19	0° \mathbb{S}			-2007 Nov 01 j 01:55	0° \mathbb{L}	
	-2009 Jun 24 j 19:18	0° \mathbb{Q}			-2007 Nov 24 j 23:23	0° \mathbb{M}	
evening max el	-2009 Jun 29 j 03:05	4° \mathbb{Q} 13'03	45°56'24	desc. node	-2007 Dec 17 j 03:58	27° \mathbb{M} 49'09	
desc. node	-2009 Jul 02 j 08:15	7° \mathbb{Q} 16'17			-2007 Dec 18 j 21:48	0° \mathbb{X}	
	-2009 Jul 31 j 22:29	0° \mathbb{M}		morning set	-2007 Dec 26 j 09:50	9° \mathbb{X} 22'44	
greatest brilliancy	-2009 Aug 07 j 02:03	2° \mathbb{M} 43'56	-4.6m		-2006 Jan 11 j 22:26	0° \mathbb{Z}	
retrograde	-2009 Aug 17 j 10:27	4° \mathbb{M} 40'47					
	-2009 Sep 02 j 03:36	30° \mathbb{R} \mathbb{Q}		superior conj	-2006 Feb 05 j 08:50	0° \approx 22'16	-1°-23'-16
evening set	-2009 Sep 04 j 06:25	28° \mathbb{Q} 47'41		minimum elong	-2006 Feb 05 j 05:05	0° \approx 10'37	1°23'18
inferior conj	-2009 Sep 07 j 07:13	26° \mathbb{Q} 58'32	-8°-38'-4		-2006 Feb 05 j 01:39	0° \approx	
minimum elong	-2009 Sep 07 j 12:42	26° \mathbb{Q} 50'13	8°37'37	max. Earth dist.	-2006 Feb 08 j 21:29	4° \approx 44'36	1.72564 AU
min. Earth dist.	-2009 Sep 07 j 23:22	26° \mathbb{Q} 34'01	0.27187 AU		-2006 Mar 01 j 07:41	0° \mathbb{H}	
morning rise	-2009 Sep 10 j 18:45	24° \mathbb{Q} 53'05		evening rise	-2006 Mar 15 j 23:59	18° \mathbb{H} 04'59	
direct	-2009 Sep 28 j 01:17	19° \mathbb{Q} 10'13			-2006 Mar 25 j 16:52	0° \mathbb{Y}	
greatest brilliancy	-2009 Oct 11 j 16:06	22° \mathbb{Q} 34'01	-4.7m	asc. node	-2006 Apr 09 j 04:38	17° \mathbb{Y} 44'54	
asc. node	-2009 Oct 23 j 09:12	29° \mathbb{Q} 44'38			-2006 Apr 19 j 05:32	0° \mathbb{X}	
	-2009 Oct 23 j 17:31	0° \mathbb{M}			-2006 May 13 j 22:06	0° \mathbb{II}	
morning max el	-2009 Nov 17 j 20:33	22° \mathbb{M} 43'46	46°54'30		-2006 Jun 07 j 19:38	0° \mathbb{S}	
	-2009 Nov 24 j 19:25	0° \mathbb{L}			-2006 Jul 03 j 00:40	0° \mathbb{Q}	
	-2009 Dec 21 j 16:00	0° \mathbb{M}			-2006 Jul 28 j 18:44	0° \mathbb{M}	
	-2008 Jan 16 j 05:31	0° \mathbb{X}		desc. node	-2006 Jul 29 j 20:06	1° \mathbb{M} 12'43	
	-2008 Feb 10 j 08:06	0° \mathbb{Z}			-2006 Aug 24 j 14:56	0° \mathbb{L}	
desc. node	-2008 Feb 12 j 01:34	2° \mathbb{Z} 04'30		evening max el	-2006 Sep 10 j 20:45	17° \mathbb{L} 59'14	47°16'18
	-2008 Mar 06 j 06:02	0° \approx			-2006 Sep 23 j 12:10	0° \mathbb{M}	
	-2008 Mar 31 j 01:17	0° \mathbb{H}		greatest brilliancy	-2006 Oct 19 j 20:21	18° \mathbb{M} 21'15	-4.7m
	-2008 Apr 24 j 18:04	0° \mathbb{Y}		retrograde	-2006 Oct 31 j 12:21	20° \mathbb{M} 54'35	
	-2008 May 19 j 07:55	0° \mathbb{X}		evening set	-2006 Nov 14 j 21:14	16° \mathbb{M} 44'53	
morning set	-2008 May 19 j 15:06	0° \mathbb{X} 22'00		asc. node	-2006 Nov 19 j 20:58	13° \mathbb{M} 50'17	
asc. node	-2008 Jun 04 j 02:28	19° \mathbb{X} 21'07		min. Earth dist.	-2006 Nov 20 j 13:10	13° \mathbb{M} 25'30	0.26417 AU
	-2008 Jun 12 j 18:05	0° \mathbb{II}		inferior conj	-2006 Nov 21 j 01:02	13° \mathbb{M} 07'21	0°18'08
max. Earth dist.	-2008 Jun 20 j 21:59	10° \mathbb{II} 04'25	1.73099 AU	minimum elong	-2006 Nov 21 j 00:21	13° \mathbb{M} 08'24	0°17'53
				morning rise	-2006 Nov 27 j 03:59	9° \mathbb{M} 32'46	
superior conj	-2008 Jun 24 j 17:17	14° \mathbb{II} 46'34	0°46'05	direct	-2006 Dec 11 j 07:33	5° \mathbb{M} 31'25	
minimum elong	-2008 Jun 24 j 09:27	14° \mathbb{II} 22'20	0°45'49	greatest brilliancy	-2006 Dec 22 j 14:44	7° \mathbb{M} 56'10	-4.6m
	-2008 Jul 07 j 00:18	0° \mathbb{S}			-2005 Jan 22 j 06:22	0° \mathbb{X}	
evening rise	-2008 Jul 30 j 18:45	29° \mathbb{S} 33'10		morning max el	-2005 Jan 30 j 07:14	7° \mathbb{X} 43'05	46°29'07
	-2008 Jul 31 j 03:22	0° \mathbb{Q}			-2005 Feb 20 j 16:10	0° \mathbb{Z}	
	-2008 Aug 24 j 04:56	0° \mathbb{M}		desc. node	-2005 Mar 11 j 13:28	20° \mathbb{Z} 56'11	
	-2008 Sep 17 j 06:51	0° \mathbb{L}			-2005 Mar 19 j 12:59	0° \approx	
desc. node	-2008 Sep 23 j 18:12	8° \mathbb{L} 03'09			-2005 Apr 14 j 10:57	0° \mathbb{H}	
	-2008 Oct 11 j 10:40	0° \mathbb{M}			-2005 May 09 j 20:18	0° \mathbb{Y}	
	-2008 Nov 04 j 18:06	0° \mathbb{X}			-2005 Jun 03 j 20:19	0° \mathbb{X}	
	-2008 Nov 29 j 08:37	0° \mathbb{Z}			-2005 Jun 28 j 11:56	0° \mathbb{II}	
	-2008 Dec 24 j 14:18	0° \approx		asc. node	-2005 Jul 02 j 14:14	5° \mathbb{II} 01'21	
asc. node	-2007 Jan 14 j 18:31	24° \approx 00'51			-2005 Jul 22 j 19:49	0° \mathbb{S}	
	-2007 Jan 20 j 06:54	0° \mathbb{H}		morning set	-2005 Jul 27 j 10:10	5° \mathbb{S} 42'34	
evening max el	-2007 Feb 03 j 02:17	14° \mathbb{H} 15'23	45°55'14		-2005 Aug 15 j 21:24	0° \mathbb{Q}	
	-2007 Feb 20 j 10:19	0° \mathbb{Y}		max. Earth dist.	-2005 Aug 31 j 04:22	19° \mathbb{Q} 10'37	1.71458 AU
greatest brilliancy	-2007 Mar 09 j 11:45	11° \mathbb{Y} 21'50	-4.5m				
retrograde	-2007 Mar 24 j 08:24	15° \mathbb{Y} 15'35		superior conj	-2005 Sep 02 j 22:48	22° \mathbb{Q} 39'15	1°22'53
evening set	-2007 Apr 09 j 11:57	10° \mathbb{Y} 13'14		minimum elong	-2005 Sep 03 j 02:32	22° \mathbb{Q} 50'58	1°22'53
inferior conj	-2007 Apr 14 j 19:23	6° \mathbb{Y} 58'29	4°42'11		-2005 Sep 08 j 19:03	0° \mathbb{M}	
minimum elong	-2007 Apr 15 j 03:54	6° \mathbb{Y} 45'03	4°40'11		-2005 Oct 02 j 15:21	0° \mathbb{L}	
min. Earth dist.	-2007 Apr 15 j 05:44	6° \mathbb{Y} 42'10	0.29163 AU	evening rise	-2005 Oct 12 j 22:26	12° \mathbb{L} 56'42	
morning rise	-2007 Apr 20 j 19:44	3° \mathbb{Y} 19'00		desc. node	-2005 Oct 22 j 06:18	24° \mathbb{L} 39'54	
	-2007 Apr 28 j 01:15	30° \mathbb{R} \mathbb{H}			-2005 Oct 26 j 12:19	0° \mathbb{M}	
direct	-2007 May 06 j 11:41	28° \mathbb{H} 35'03			-2005 Nov 19 j 11:15	0° \mathbb{X}	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2005 Dec 13 j 13:23	0°☾				-2002 Jul 12 j 13:15	0°♊		
	-2004 Jan 06 j 21:01	0°♊		asc. node		-2002 Jul 30 j 02:11	21°♊13'23		
	-2004 Jan 31 j 14:33	0°♋				-2002 Aug 06 j 06:20	0°♌		
asc. node	-2004 Feb 12 j 06:34	13°♋53'06				-2002 Aug 30 j 11:55	0°♍		
	-2004 Feb 26 j 01:41	0°♎				-2002 Sep 23 j 10:12	0°♏		
	-2004 Mar 23 j 21:43	0°♏		morning set		-2002 Oct 07 j 17:12	18°♏00'33		
evening max el	-2004 Apr 14 j 22:19	22°♏27'39	45°12'16			-2002 Oct 17 j 05:17	0°♐		
	-2004 Apr 23 j 03:05	0°♑				-2002 Nov 10 j 00:18	0°♒		
greatest brilliancy	-2004 May 19 j 23:07	18°♑39'17	-4.5m						
retrograde	-2004 Jun 02 j 05:12	21°♑41'58		superior conj		-2002 Nov 17 j 22:04	9°♒57'17	0°02'00	
desc. node	-2004 Jun 02 j 22:31	21°♑41'22		minimum elong		-2002 Nov 17 j 22:36	9°♒59'00	0°01'57	
evening set	-2004 Jun 17 j 11:00	17°♑18'16		behind sun begin		-2002 Nov 16 j 19:48	8°♒34'38		
inferior conj	-2004 Jun 23 j 13:35	13°♑41'28	-4°-36'-21	behind sun end		-2002 Nov 19 j 01:25	11°♒23'20		
minimum elong	-2004 Jun 23 j 04:39	13°♑55'16	4°34'05	desc. node		-2002 Nov 18 j 18:07	11°♒00'23		
min. Earth dist.	-2004 Jun 23 j 20:07	13°♑31'24	0.28558 AU	max. Earth dist.		-2002 Nov 21 j 02:53	13°♒58'51	1.71070 AU	
morning rise	-2004 Jun 28 j 21:54	10°♑28'57				-2002 Dec 03 j 20:58	0°♓		
direct	-2004 Jul 15 j 04:19	5°♑29'50				-2002 Dec 27 j 20:07	0°♈		
greatest brilliancy	-2004 Jul 29 j 15:24	9°♑09'59	-4.5m	evening rise		-2002 Dec 29 j 23:19	2°♈39'47		
	-2004 Aug 26 j 17:42	0°♉				-2001 Jan 20 j 22:35	0°♊		
morning max el	-2004 Sep 03 j 01:07	7°♉03'11	46°28'55			-2001 Feb 14 j 05:52	0°♋		
asc. node	-2004 Sep 23 j 23:40	29°♉14'00				-2001 Mar 10 j 20:07	0°♌		
	-2004 Sep 24 j 16:11	0°♍		asc. node		-2001 Mar 11 j 18:42	1°♌08'20		
	-2004 Oct 20 j 14:08	0°♎				-2001 Apr 04 j 20:13	0°♏		
	-2004 Nov 14 j 09:19	0°♐				-2001 Apr 30 j 10:30	0°♑		
	-2004 Dec 08 j 18:19	0°♒				-2001 May 27 j 00:18	0°♓		
	-2003 Jan 02 j 00:46	0°♓				-2001 Jun 24 j 17:46	0°♈		
desc. node	-2003 Jan 13 j 15:49	14°♓21'57		evening max el		-2001 Jun 26 j 16:01	1°♈51'44	45°53'50	
	-2003 Jan 26 j 07:46	0°♈		desc. node		-2001 Jul 01 j 10:21	6°♈21'16		
	-2003 Feb 19 j 16:03	0°♉				-2001 Aug 03 j 17:10	0°♊		
morning set	-2003 Mar 10 j 12:19	23°♉10'51		greatest brilliancy		-2001 Aug 04 j 12:26	0°♊18'00	-4.6m	
	-2003 Mar 16 j 01:30	0°♋		retrograde		-2001 Aug 14 j 23:16	2°♊17'00		
	-2003 Apr 09 j 11:46	0°♌				-2001 Aug 25 j 17:42	30°♋♌		
				evening set		-2001 Sep 01 j 20:36	26°♌21'04		
superior conj	-2003 Apr 16 j 13:06	8°♌39'32	0°-44'-59	inferior conj		-2001 Sep 04 j 20:09	24°♌23'54	-8°-42'-56	
minimum elong	-2003 Apr 16 j 21:01	9°♌03'49	0°44'41	minimum elong		-2001 Sep 05 j 00:47	24°♌26'52	8°42'37	
max. Earth dist.	-2003 Apr 16 j 12:46	8°♌38'31	1.73668 AU	min. Earth dist.		-2001 Sep 05 j 12:03	24°♌09'47	0.27248 AU	
	-2003 May 03 j 22:21	0°♏		morning rise		-2001 Sep 08 j 04:46	22°♌32'55		
asc. node	-2003 May 06 j 16:36	3°♏23'18		direct		-2001 Sep 25 j 14:58	16°♌44'26		
evening rise	-2003 May 22 j 16:34	23°♏01'52		greatest brilliancy		-2001 Oct 09 j 08:15	20°♌11'19	-4.7m	
	-2003 May 28 j 08:42	0°♑		asc. node		-2001 Oct 22 j 11:18	28°♌26'23		
	-2003 Jun 21 j 18:40	0°♒				-2001 Oct 24 j 11:27	0°♓		
	-2003 Jul 16 j 04:57	0°♓		morning max el		-2001 Nov 15 j 11:03	20°♓19'13	46°54'33	
	-2003 Aug 09 j 17:11	0°♈				-2001 Nov 24 j 15:49	0°♈		
desc. node	-2003 Aug 26 j 08:14	20°♈14'10				-2001 Dec 21 j 07:51	0°♉		
	-2003 Sep 03 j 09:41	0°♊				-2000 Jan 15 j 19:22	0°♋		
	-2003 Sep 28 j 10:01	0°♌				-2000 Feb 09 j 20:48	0°♍		
	-2003 Oct 24 j 02:08	0°♎		desc. node		-2000 Feb 11 j 03:46	1°♍33'04		
	-2003 Nov 20 j 10:46	0°♏				-2000 Mar 05 j 18:01	0°♊		
evening max el	-2003 Nov 21 j 18:02	1°♍20'23	47°15'44			-2000 Mar 30 j 12:46	0°♋		
asc. node	-2003 Dec 17 j 08:46	24°♍29'14				-2000 Apr 24 j 05:16	0°♌		
	-2003 Dec 25 j 18:29	0°♎		morning set		-2000 May 17 j 09:59	28°♌19'07		
greatest brilliancy	-2003 Dec 28 j 18:11	1°♎34'09	-4.6m			-2000 May 18 j 18:56	0°♏		
retrograde	-2002 Jan 11 j 17:12	5°♎10'52		asc. node		-2000 Jun 03 j 04:29	18°♏53'37		
	-2002 Jan 27 j 20:12	30°♎♏				-2000 Jun 12 j 05:02	0°♑		
evening set	-2002 Jan 29 j 02:24	29°♏14'39		max. Earth dist.		-2000 Jun 18 j 20:15	8°♑11'04	1.73146 AU	
min. Earth dist.	-2002 Feb 01 j 00:27	27°♏24'46	0.28252 AU						
inferior conj	-2002 Feb 01 j 19:58	26°♏53'40	8°17'11	superior conj		-2000 Jun 22 j 11:47	12°♑41'25	0°43'27	
minimum elong	-2002 Feb 01 j 15:38	27°♏00'34	8°16'51	minimum elong		-2000 Jun 22 j 04:15	12°♑18'08	0°43'10	
morning rise	-2002 Feb 05 j 05:12	24°♏46'05				-2000 Jul 06 j 11:18	0°♒		
direct	-2002 Feb 22 j 20:10	18°♏48'00		evening rise		-2000 Jul 28 j 11:47	27°♒22'06		
greatest brilliancy	-2002 Mar 05 j 17:12	20°♏57'13	-4.5m			-2000 Jul 30 j 14:31	0°♓		
	-2002 Mar 21 j 14:57	0°♉				-2000 Aug 23 j 16:18	0°♏		
desc. node	-2002 Apr 08 j 01:06	14°♉30'27				-2000 Sep 16 j 18:31	0°♐		
morning max el	-2002 Apr 12 j 16:39	18°♉52'25	45°52'33	desc. node		-2000 Sep 22 j 20:18	7°♐33'08		
	-2002 Apr 23 j 22:21	0°♋				-2000 Oct 10 j 22:43	0°♌		
	-2002 May 21 j 21:28	0°♌				-2000 Nov 04 j 06:38	0°♎		
	-2002 Jun 17 j 04:28	0°♏				-2000 Nov 28 j 21:54	0°♈		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-2000 Dec 24 j 05:02	0°♊				-1997 May 09 j 08:12	0°♈		
asc. node	-1999 Jan 13 j 20:44	23°♊20'00				-1997 Jun 03 j 07:41	0°♉		
	-1999 Jan 20 j 01:07	0°♈				-1997 Jun 27 j 23:01	0°♊		
evening max el	-1999 Jan 31 j 18:26	12°♈03'04	45°58'03		asc. node	-1997 Jul 01 j 16:26	4°♊34'13		
	-1999 Feb 20 j 20:26	0°♈				-1997 Jul 22 j 06:48	0°♊		
greatest brilliancy	-1999 Mar 07 j 04:08	9°♈13'05	-4.5m		morning set	-1997 Jul 25 j 02:45	3°♊30'54		
retrograde	-1999 Mar 22 j 01:58	13°♈07'50				-1997 Aug 15 j 08:24	0°♊		
evening set	-1999 Apr 07 j 07:15	8°♈01'41			max. Earth dist.	-1997 Aug 28 j 12:06	16°♊29'38	1.71511 AU	
inferior conj	-1999 Apr 12 j 12:14	4°♈50'08	4°57'46						
minimum elong	-1999 Apr 12 j 20:59	4°♈36'19	4°55'46		superior conj	-1997 Aug 31 j 13:15	20°♊19'15	1°23'27	
min. Earth dist.	-1999 Apr 12 j 21:46	4°♈35'06	0.29166 AU		minimum elong	-1997 Aug 31 j 16:10	20°♊28'24	1°23'29	
morning rise	-1999 Apr 18 j 10:45	1°♈13'24				-1997 Sep 08 j 06:07	0°♊		
	-1999 Apr 20 j 17:31	30°♈♈				-1997 Oct 02 j 02:32	0°♊		
direct	-1999 May 04 j 04:45	26°♈26'47			evening rise	-1997 Oct 10 j 08:35	10°♊22'26		
desc. node	-1999 May 05 j 12:41	26°♈28'50			desc. node	-1997 Oct 21 j 08:17	24°♊10'38		
greatest brilliancy	-1999 May 17 j 17:08	29°♈38'25	-4.5m			-1997 Oct 25 j 23:38	0°♊		
	-1999 May 18 j 12:14	0°♈				-1997 Nov 18 j 22:43	0°♊		
morning max el	-1999 Jun 22 j 03:44	26°♈21'47	45°52'04			-1997 Dec 13 j 01:02	0°♊		
	-1999 Jun 25 j 21:42	0°♉				-1996 Jan 06 j 08:59	0°♊		
	-1999 Jul 24 j 07:23	0°♊				-1996 Jan 31 j 03:08	0°♈		
	-1999 Aug 19 j 09:18	0°♊			asc. node	-1996 Feb 11 j 08:41	13°♈20'51		
asc. node	-1999 Aug 26 j 14:04	8°♊33'12				-1996 Feb 25 j 15:32	0°♈		
	-1999 Sep 13 j 07:30	0°♊				-1996 Mar 23 j 14:37	0°♉		
	-1999 Oct 07 j 14:16	0°♊			evening max el	-1996 Apr 12 j 13:12	20°♉14'44	45°12'22	
	-1999 Oct 31 j 13:35	0°♊				-1996 Apr 23 j 06:50	0°♊		
	-1999 Nov 24 j 10:51	0°♊			greatest brilliancy	-1996 May 17 j 12:53	16°♊26'33	-4.5m	
desc. node	-1999 Dec 16 j 05:59	27°♊19'56			retrograde	-1996 May 30 j 20:01	19°♊31'07		
	-1999 Dec 18 j 09:09	0°♊			desc. node	-1996 Jun 02 j 00:37	19°♊25'34		
morning set	-1999 Dec 23 j 19:43	6°♊48'15			evening set	-1996 Jun 15 j 00:50	15°♊09'22		
	-1998 Jan 11 j 09:40	0°♊			inferior conj	-1996 Jun 21 j 05:13	11°♊30'15	-4°-18'-48	
					minimum elong	-1996 Jun 20 j 20:41	11°♊43'26	4°16'34	
superior conj	-1998 Feb 02 j 21:50	27°♊59'10	-1°-22'-34		min. Earth dist.	-1996 Jun 21 j 12:17	11°♊19'19	0.28587 AU	
minimum elong	-1998 Feb 02 j 17:12	27°♊44'46	1°22'34		morning rise	-1996 Jun 26 j 16:00	8°♊13'52		
	-1998 Feb 04 j 12:48	0°♊			direct	-1996 Jul 12 j 19:42	3°♊17'56		
max. Earth dist.	-1998 Feb 06 j 13:19	2°♊30'27	1.72509 AU		greatest brilliancy	-1996 Jul 27 j 07:09	6°♊57'24	-4.5m	
	-1998 Feb 28 j 18:45	0°♈				-1996 Aug 26 j 18:31	0°♊		
evening rise	-1998 Mar 13 j 15:54	15°♈52'24			morning max el	-1996 Aug 31 j 14:51	4°♊43'06	46°27'29	
	-1998 Mar 25 j 03:56	0°♈			asc. node	-1996 Sep 23 j 01:45	28°♊33'00		
asc. node	-1998 Apr 08 j 06:41	17°♈17'07				-1996 Sep 24 j 08:50	0°♊		
	-1998 Apr 18 j 16:44	0°♉				-1996 Oct 20 j 04:12	0°♊		
	-1998 May 13 j 09:40	0°♊				-1996 Nov 13 j 22:13	0°♊		
	-1998 Jun 07 j 07:50	0°♊							

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

greatest brilliancy	-1995 Dec 26 j 11:23	29° $\overline{\text{C}}$ 17'44	-4.6m	asc. node	-1992 Jun 02 j 06:39	18° $\overline{\text{C}}$ 27'35	
	-1995 Dec 27 j 23:52	0° \approx			-1992 Jun 11 j 15:41	0° II	
retrograde	-1994 Jan 09 j 08:40	2° \approx 53'14		max. Earth dist.	-1992 Jun 16 j 17:32	6° II 15'41	1.73190 AU
	-1994 Jan 21 j 04:50	30° $\overline{\text{R}}$ $\overline{\text{C}}$					
evening set	-1994 Jan 26 j 15:23	27° $\overline{\text{C}}$ 01'03		superior conj	-1992 Jun 20 j 06:04	10° II 36'39	0°40'44
min. Earth dist.	-1994 Jan 29 j 15:08	25° $\overline{\text{C}}$ 08'51	0.28186 AU	minimum elong	-1992 Jun 19 j 22:52	10° II 14'24	0°40'27
inferior conj	-1994 Jan 30 j 11:18	24° $\overline{\text{C}}$ 36'45	8°12'35		-1992 Jul 05 j 22:01	0° $\overline{\text{C}}$	
minimum elong	-1994 Jan 30 j 06:17	24° $\overline{\text{C}}$ 44'45	8°12'08	evening rise	-1992 Jul 26 j 04:49	25° $\overline{\text{C}}$ 11'57	
morning rise	-1994 Feb 02 j 21:30	22° $\overline{\text{C}}$ 27'50			-1992 Jul 30 j 01:24	0° Ω	
direct	-1994 Feb 20 j 10:02	16° $\overline{\text{C}}$ 32'03			-1992 Aug 23 j 03:25	0° $\overline{\text{H}}$	
greatest brilliancy	-1994 Mar 03 j 07:24	18° $\overline{\text{C}}$ 41'20	-4.5m		-1992 Sep 16 j 05:54	0° $\underline{\text{C}}$	
	-1994 Mar 22 j 05:54	0° \approx		desc. node	-1992 Sep 21 j 22:19	7° $\underline{\text{C}}$ 03'47	
desc. node	-1994 Apr 07 j 03:08	13° \approx 38'11			-1992 Oct 10 j 10:25	0° $\overline{\text{M}}$	
morning max el	-1994 Apr 10 j 07:13	16° \approx 37'57	45°53'24		-1992 Nov 03 j 18:48	0° $\overline{\text{A}}$	
	-1994 Apr 23 j 17:12	0° $\overline{\text{H}}$			-1992 Nov 28 j 10:50	0° $\overline{\text{C}}$	
	-1994 May 21 j 12:01	0° $\overline{\text{Y}}$			-1992 Dec 23 j 19:28	0° \approx	
	-1994 Jun 16 j 17:14	0° $\overline{\text{C}}$		asc. node	-1991 Jan 12 j 22:48	22° \approx 39'28	
	-1994 Jul 12 j 01:07	0° II			-1991 Jan 19 j 19:22	0° $\overline{\text{H}}$	
asc. node	-1994 Jul 29 j 04:18	20° II 44'50		evening max el	-1991 Jan 29 j 11:01	9° $\overline{\text{H}}$ 52'37	46°00'40
	-1994 Aug 05 j 17:42	0° $\overline{\text{C}}$			-1991 Feb 21 j 09:37	0° $\overline{\text{Y}}$	
	-1994 Aug 29 j 23:01	0° Ω		greatest brilliancy	-1991 Mar 04 j 21:40	7° $\overline{\text{Y}}$ 06'22	-4.5m
	-1994 Sep 22 j 21:12	0° $\overline{\text{H}}$		retrograde	-1991 Mar 19 j 19:09	11° $\overline{\text{Y}}$ 00'21	
morning set	-1994 Oct 05 j 05:22	15° $\overline{\text{H}}$ 32'51		evening set	-1991 Apr 05 j 02:33	5° $\overline{\text{Y}}$ 50'37	
	-1994 Oct 16 j 16:17	0° $\underline{\text{C}}$		inferior conj	-1991 Apr 10 j 05:02	2° $\overline{\text{Y}}$ 42'13	5°13'03
	-1994 Nov 09 j 11:19	0° $\overline{\text{M}}$		minimum elong	-1991 Apr 10 j 13:58	2° $\overline{\text{Y}}$ 28'06	5°11'04
				min. Earth dist.	-1991 Apr 10 j 13:46	2° $\overline{\text{Y}}$ 28'25	0.29168 AU
superior conj	-1994 Nov 15 j 07:13	7° $\overline{\text{M}}$ 20'28	0°06'01		-1991 Apr 14 j 13:49	30° $\overline{\text{R}}$ $\overline{\text{H}}$	
minimum elong	-1994 Nov 15 j 08:52	7° $\overline{\text{M}}$ 25'37	0°05'55	morning rise	-1991 Apr 16 j 01:29	29° $\overline{\text{H}}$ 08'16	
behind sun begin	-1994 Nov 14 j 07:29	6° $\overline{\text{M}}$ 05'45		direct	-1991 May 01 j 21:52	24° $\overline{\text{H}}$ 19'08	
behind sun end	-1994 Nov 16 j 10:14	8° $\overline{\text{M}}$ 45'27		desc. node	-1991 May 04 j 14:47	24° $\overline{\text{H}}$ 27'32	
desc. node	-1994 Nov 17 j 20:15	10° $\overline{\text{M}}$ 32'26		greatest brilliancy	-1991 May 15 j 06:43	27° $\overline{\text{H}}$ 27'23	-4.5m
max. Earth dist.	-1994 Nov 18 j 06:55	11° $\overline{\text{M}}$ 06'00	1.71050 AU		-1991 May 20 j 08:20	0° $\overline{\text{Y}}$	
	-1994 Dec 03 j 07:59	0° $\overline{\text{A}}$		morning max el	-1991 Jun 19 j 20:18	24° $\overline{\text{Y}}$ 13'53	45°51'12
evening rise	-1994 Dec 27 j 09:43	0° $\overline{\text{C}}$ 08'00			-1991 Jun 25 j 18:03	0° $\overline{\text{C}}$	
	-1994 Dec 27 j 07:09	0° $\overline{\text{C}}$			-1991 Jul 23 j 22:23	0° II	
	-1993 Jan 20 j 09:39	0° \approx			-1991 Aug 18 j 22:20	0° $\overline{\text{C}}$	
	-1993 Feb 13 j 17:04	0° $\overline{\text{H}}$		asc. node	-1991 Aug 25 j 16:03	8° $\overline{\text{C}}$ 01'08	
	-1993 Mar 10 j 07:38	0° $\overline{\text{Y}}$			-1991 Sep 12 j 19:38	0° Ω	
asc. node	-1993 Mar 10 j 20:43	0° $\overline{\text{Y}}$ 39'34			-1991 Oct 07 j 01:55	0° $\overline{\text{H}}$	
	-1993 Apr 04 j 08:22	0° $\overline{\text{C}}$			-1991 Oct 31 j 00:57	0° $\underline{\text{C}}$	
	-1993 Apr 29 j 23:53	0° II			-1991 Nov 23 j 22:01	0° $\overline{\text{M}}$	
	-1993 May 26 j 16:17	0° $\overline{\text{C}}$		desc. node	-1991 Dec 15 j 08:12	26° $\overline{\text{M}}$ 52'26	
evening max el	-1993 Jun 24 j 05:58	29° $\overline{\text{C}}$ 33'51	45°51'20		-1991 Dec 17 j 20:08	0° $\overline{\text{A}}$	
	-1993 Jun 24 j 16:53	0° Ω		morning set	-1991 Dec 21 j 06:02	4° $\overline{\text{A}}$ 16'11	
desc. node	-1993 Jun 30 j 12:34	5° Ω 26'09			-1990 Jan 10 j 20:32	0° $\overline{\text{C}}$	
greatest brilliancy	-1993 Aug 01 j 22:21	27° Ω 52'50	-4.6m				
retrograde	-1993 Aug 12 j 12:24	29° Ω 54'18		superior conj	-1990 Jan 31 j 11:02	25° $\overline{\text{C}}$ 37'40	-1°-21'-43
evening set	-1993 Aug 30 j 10:28	23° Ω 56'16		minimum elong	-1990 Jan 31 j 05:32	25° $\overline{\text{C}}$ 20'37	1°21'42
inferior conj	-1993 Sep 02 j 09:05	22° Ω 10'28	-8°-46'-57		-1990 Feb 03 j 23:34	0° \approx	
minimum elong	-1993 Sep 02 j 12:51	22° Ω 04'46	8°46'44	max. Earth dist.	-1990 Feb 04 j 07:05	0° \approx 23'16	1.72455 AU
min. Earth dist.	-1993 Sep 03 j 00:24	21° Ω 47'16	0.27303 AU		-1990 Feb 28 j 05:29	0° $\overline{\text{H}}$	
morning rise	-1993 Sep 05 j 15:02	20° Ω 13'31		evening rise	-1990 Mar 11 j 07:49	13° $\overline{\text{H}}$ 40'38	
direct	-1993 Sep 23 j 05:05	14° Ω 20'11			-1990 Mar 24 j 14:43	0° $\overline{\text{Y}}$	
greatest brilliancy	-1993 Oct 06 j 23:06	17° Ω 48'28	-4.7m	asc. node	-1990 Apr 07 j 08:44	16° $\overline{\text{Y}}$ 50'07	
asc. node	-1993 Oct 21 j 13:19	27° Ω 11'41			-1990 Apr 18 j 03:42	0° $\overline{\text{C}}$	
	-1993 Oct 25 j 00:16	0° $\overline{\text{H}}$			-1990 May 12 j 21:01	0° II	
morning max el	-1993 Nov 13 j 01:56	17° $\overline{\text{H}}$ 57'13	46°54'31		-1990 Jun 06 j 19:51	0° $\overline{\text{C}}$	
	-1993 Nov 24 j 11:07	0° $\underline{\text{C}}$			-1990 Jul 02 j 03:03	0° Ω	
	-1993 Dec 20 j 23:03	0° $\overline{\text{M}}$		desc. node	-1990 Jul 28 j 00:18	29° Ω 58'14	
	-1992 Jan 15 j 08:45	0° $\overline{\text{A}}$			-1990 Jul 28 j 00:55	0° $\overline{\text{H}}$	
	-1992 Feb 09 j 09:08	0° $\overline{\text{C}}$			-1990 Aug 24 j 05:08	0° $\underline{\text{C}}$	
desc. node	-1992 Feb 10 j 05:47	1° $\overline{\text{C}}$ 02'08		evening max el	-1990 Sep 06 j 01:17	13° $\underline{\text{C}}$ 13'30	47°12'06
	-1992 Mar 05 j 05:41	0° \approx			-1990 Sep 24 j 06:57	0° $\overline{\text{M}}$	
	-1992 Mar 29 j 23:59	0° $\overline{\text{H}}$		greatest brilliancy	-1990 Oct 15 j 02:50	13° $\overline{\text{M}}$ 27'14	-4.7m
	-1992 Apr 23 j 16:10	0° $\overline{\text{Y}}$		retrograde	-1990 Oct 26 j 13:17	15° $\overline{\text{M}}$ 53'30	
morning set	-1992 May 15 j 04:34	26° $\overline{\text{Y}}$ 16'20		evening set	-1990 Nov 09 j 23:40	11° $\overline{\text{M}}$ 43'33	
	-1992 May 18 j 05:39	0° $\overline{\text{C}}$		min. Earth dist.	-1990 Nov 15 j 16:38	8° $\overline{\text{M}}$ 22'12	0.26365 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

inferior conj	-1990 Nov 16 j 01:31	8°♌08'35	0°-30'-50	evening rise	-1987 May 18 j 07:16	18°♊59'30	
minimum elong	-1990 Nov 16 j 02:40	8°♌06'48	0°30'30		-1987 May 27 j 06:28	0°♊	
asc. node	-1990 Nov 18 j 01:11	6°♌55'54			-1987 Jun 20 j 16:53	0°♊	
morning rise	-1990 Nov 22 j 06:08	4°♌31'43			-1987 Jul 15 j 03:54	0°♊	
direct	-1990 Dec 06 j 08:10	0°♌34'00			-1987 Aug 08 j 17:14	0°♊	
greatest brilliancy	-1990 Dec 17 j 17:19	3°♌00'29	-4.7m	desc. node	-1987 Aug 24 j 12:20	19°♊10'38	
	-1989 Jan 22 j 10:12	0°♊			-1987 Sep 02 j 11:22	0°♊	
morning max el	-1989 Jan 25 j 08:46	2°♊53'21	46°31'53		-1987 Sep 27 j 14:12	0°♌	
	-1989 Feb 20 j 02:26	0°♊			-1987 Oct 23 j 10:56	0°♊	
desc. node	-1989 Mar 09 j 17:36	19°♊43'58		evening max el	-1987 Nov 16 j 22:33	26°♊34'47	47°19'17
	-1989 Mar 18 j 17:13	0°♊			-1987 Nov 20 j 07:37	0°♊	
	-1989 Apr 13 j 12:12	0°♊		asc. node	-1987 Dec 15 j 13:05	21°♊54'36	
	-1989 May 08 j 19:51	0°♊		greatest brilliancy	-1987 Dec 24 j 03:39	26°♊59'28	-4.6m
	-1989 Jun 02 j 18:52	0°♊			-1986 Jan 01 j 15:00	0°♊	
	-1989 Jun 27 j 09:57	0°♊		retrograde	-1986 Jan 07 j 00:30	0°♊35'01	
asc. node	-1989 Jun 30 j 18:33	4°♊07'15			-1986 Jan 12 j 07:01	30°♊	
	-1989 Jul 21 j 17:37	0°♊		evening set	-1986 Jan 24 j 04:04	24°♊46'56	
morning set	-1989 Jul 22 j 19:18	1°♊19'42		min. Earth dist.	-1986 Jan 27 j 05:34	22°♊52'26	0.28117 AU
	-1989 Aug 14 j 19:14	0°♊		inferior conj	-1986 Jan 28 j 02:34	22°♊19'05	8°07'04
max. Earth dist.	-1989 Aug 25 j 22:11	13°♊56'34	1.71567 AU	minimum elong	-1986 Jan 27 j 20:53	22°♊28'07	8°06'31
				morning rise	-1986 Jan 31 j 14:02	20°♊08'32	
superior conj	-1989 Aug 29 j 03:47	18°♊00'04	1°23'53	direct	-1986 Feb 18 j 00:04	14°♊15'16	
minimum elong	-1989 Aug 29 j 05:52	18°♊06'36	1°23'54	greatest brilliancy	-1986 Feb 28 j 21:21	16°♊24'42	-4.5m
	-1989 Sep 07 j 17:02	0°♊			-1986 Mar 22 j 17:14	0°♊	
	-1989 Oct 01 j 13:35	0°♊		desc. node	-1986 Apr 06 j 05:13	12°♊46'51	
evening rise	-1989 Oct 07 j 18:57	7°♊49'17		morning max el	-1986 Apr 07 j 22:44	14°♊25'32	45°54'27
desc. node	-1989 Oct 20 j 10:25	23°♊42'13			-1986 Apr 23 j 11:38	0°♊	
	-1989 Oct 25 j 10:51	0°♌			-1986 May 21 j 02:28	0°♊	
	-1989 Nov 18 j 10:05	0°♊			-1986 Jun 16 j 05:59	0°♊	
	-1989 Dec 12 j 12:35	0°♊			-1986 Jul 11 j 13:02	0°♊	
	-1988 Jan 05 j 20:49	0°♊		asc. node	-1986 Jul 28 j 06:18	20°♊15'39	
	-1988 Jan 30 j 15:33	0°♊			-1986 Aug 05 j 05:11	0°♊	
asc. node	-1988 Feb 10 j 10:44	12°♊48'51		greatest brilliancy	-1986 Aug 21 j 18:45	20°♊28'35	-3.9m
	-1988 Feb 25 j 05:17	0°♊			-1986 Aug 29 j 10:19	0°♊	
	-1988 Mar 23 j 07:35	0°♊			-1986 Sep 22 j 08:26	0°♊	
evening max el	-1988 Apr 10 j 03:53	18°♊02'01	45°12'31	morning set	-1986 Oct 02 j 17:31	13°♊04'28	
	-1988 Apr 23 j 12:10	0°♊			-1986 Oct 16 j 03:31	0°♊	
greatest brilliancy	-1988 May 15 j 01:37	14°♊13'16	-4.5m		-1986 Nov 08 j 22:33	0°♌	
retrograde	-1988 May 28 j 11:14	17°♊21'15					
desc. node	-1988 Jun 01 j 02:49	17°♊05'45		superior conj	-1986 Nov 12 j 16:10	4°♌42'11	0°10'03
evening set	-1988 Jun 12 j 14:59	13°♊00'47		minimum elong	-1986 Nov 12 j 18:54	4°♌50'45	0°09'53
inferior conj	-1988 Jun 18 j 21:00	9°♊19'42	-4°00'-48	behind sun begin	-1986 Nov 11 j 21:09	3°♌42'18	
minimum elong	-1988 Jun 18 j 12:54	9°♊32'12	3°58'40	behind sun end	-1986 Nov 13 j 16:38	5°♌59'11	
min. Earth dist.	-1988 Jun 19 j 04:34	9°♊08'01	0.28621 AU	max. Earth dist.	-1986 Nov 15 j 13:51	8°♌21'29	1.71029 AU
morning rise	-1988 Jun 24 j 10:13	5°♊59'45		desc. node	-1986 Nov 16 j 22:24	10°♌03'53	
direct	-1988 Jul 10 j 11:14	1°♊06'30			-1986 Dec 02 j 19:14	0°♊	
greatest brilliancy	-1988 Jul 25 j 00:17	4°♊47'04	-4.5m	evening rise	-1986 Dec 24 j 19:55	27°♊34'55	
	-1988 Aug 26 j 18:09	0°♊			-1986 Dec 26 j 18:24	0°♊	
morning max el	-1988 Aug 29 j 05:29	2°♊25'34	46°26'05		-1985 Jan 19 j 20:58	0°♊	
asc. node	-1988 Sep 22 j 03:52	27°♊52'38			-1985 Feb 13 j 04:32	0°♊	
	-1988 Sep 24 j 01:09	0°♊		asc. node	-1985 Mar 09 j 22:50	0°♊10'19	
	-1988 Oct 19 j 18:07	0°♊			-1985 Mar 09 j 19:25	0°♊	
	-1988 Nov 13 j 11:00	0°♊			-1985 Apr 03 j 20:47	0°♊	
	-1988 Dec 07 j 18:42	0°♌			-1985 Apr 29 j 13:33	0°♊	
	-1987 Jan 01 j 00:17	0°♊			-1985 May 26 j 08:41	0°♊	
desc. node	-1987 Jan 11 j 20:01	13°♊23'28		evening max el	-1985 Jun 21 j 20:39	27°♊17'34	45°48'46
	-1987 Jan 25 j 06:34	0°♊			-1985 Jun 24 j 17:12	0°♊	
	-1987 Feb 18 j 14:16	0°♊		desc. node	-1985 Jun 29 j 14:32	4°♊29'03	
morning set	-1987 Mar 05 j 19:41	18°♊44'50		greatest brilliancy	-1985 Jul 30 j 08:22	25°♊27'44	-4.6m
	-1987 Mar 14 j 23:17	0°♊		retrograde	-1985 Aug 10 j 01:23	27°♊31'16	
	-1987 Apr 08 j 09:20	0°♊		evening set	-1985 Aug 28 j 00:02	21°♊31'58	
				inferior conj	-1985 Aug 30 j 22:08	19°♊46'45	-8°-49'-54
superior conj	-1987 Apr 12 j 01:08	4°♊29'30	0°-50'-12	minimum elong	-1985 Aug 31 j 01:02	19°♊42'22	8°49'46
minimum elong	-1987 Apr 12 j 09:36	4°♊55'29	0°49'52	min. Earth dist.	-1985 Aug 31 j 12:46	19°♊24'33	0.27362 AU
max. Earth dist.	-1987 Apr 12 j 04:01	4°♊38'20	1.73639 AU	morning rise	-1985 Sep 03 j 01:52	17°♊53'01	
	-1987 May 02 j 19:54	0°♊		direct	-1985 Sep 20 j 19:41	11°♊55'42	
asc. node	-1987 May 04 j 20:51	2°♊30'12		greatest brilliancy	-1985 Oct 04 j 13:30	15°♊24'10	-4.7m

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1985 Oct 20 j 15:33	25°Ω58'34			-1982 Apr 17 j 15:06	0°♄		
	-1985 Oct 25 j 10:19	0°♍			-1982 May 12 j 08:48	0°♂		
morning max el	-1985 Nov 10 j 16:31	15°♍33'12	46°54'17		-1982 Jun 06 j 08:18	0°♄		
	-1985 Nov 24 j 06:22	0°♅			-1982 Jul 01 j 16:37	0°♄		
	-1985 Dec 20 j 14:28	0°♆		desc. node	-1982 Jul 27 j 02:23	29°♄20'08		
	-1984 Jan 14 j 22:23	0°♎			-1982 Jul 27 j 16:28	0°♍		
	-1984 Feb 08 j 21:45	0°♏			-1982 Aug 24 j 01:08	0°♅		
desc. node	-1984 Feb 09 j 07:52	0°♐30'28		evening max el	-1982 Sep 03 j 14:12	10°♅47'08	47°09'51	
	-1984 Mar 04 j 17:39	0°♑			-1982 Sep 24 j 21:20	0°♆		
	-1984 Mar 29 j 11:30	0°♒		greatest brilliancy	-1982 Oct 12 j 18:26	11°♆00'28	-4.7m	
	-1984 Apr 23 j 03:22	0°♓		retrograde	-1982 Oct 24 j 01:04	13°♆22'58		
morning set	-1984 May 12 j 23:30	24°♓13'42		evening set	-1982 Nov 07 j 13:13	9°♆12'05		
	-1984 May 17 j 16:39	0°♈		inferior conj	-1982 Nov 13 j 13:52	5°♆39'08	0°-55'-16	
asc. node	-1984 Jun 01 j 08:45	18°♈00'24		minimum elong	-1982 Nov 13 j 15:57	5°♆35'56	0°54'37	
	-1984 Jun 11 j 02:36	0°♉		min. Earth dist.	-1982 Nov 13 j 06:55	5°♆49'48	0.26351 AU	
max. Earth dist.	-1984 Jun 14 j 13:56	4°♉16'52	1.73228 AU	asc. node	-1982 Nov 17 j 03:16	3°♆30'19		
				morning rise	-1982 Nov 19 j 18:58	2°♆01'23		
superior conj	-1984 Jun 18 j 00:52	8°♉32'43	0°37'59		-1982 Nov 24 j 03:37	30°♆		
minimum elong	-1984 Jun 17 j 18:02	8°♉11'38	0°37'44	direct	-1982 Dec 03 j 19:56	28°♅04'39		
	-1984 Jul 05 j 08:59	0°♊			-1982 Dec 13 j 21:30	0°♆		
evening rise	-1984 Jul 23 j 22:26	23°♊02'55		greatest brilliancy	-1982 Dec 15 j 08:17	0°♆33'49	-4.7m	
	-1984 Jul 29 j 12:31	0°♋			-1981 Jan 22 j 10:35	0°♎		
	-1984 Aug 22 j 14:49	0°♌		morning max el	-1981 Jan 22 j 21:08	0°♎26'11	46°33'12	
	-1984 Sep 15 j 17:37	0°♍			-1981 Feb 19 j 19:24	0°♏		
desc. node	-1984 Sep 21 j 00:28	6°♍33'49		desc. node	-1981 Mar 08 j 19:45	19°♏07'39		
	-1984 Oct 09 j 22:32	0°♎			-1981 Mar 18 j 07:26	0°♑		
	-1984 Nov 03 j 07:27	0°♏			-1981 Apr 13 j 01:00	0°♒		
	-1984 Nov 28 j 00:20	0°♐			-1981 May 08 j 07:49	0°♓		
	-1984 Dec 23 j 10:36	0°♑			-1981 Jun 02 j 06:21	0°♈		
asc. node	-1983 Jan 12 j 00:51	21°♑57'01			-1981 Jun 26 j 21:11	0°♉		
	-1983 Jan 19 j 14:39	0°♒		asc. node	-1981 Jun 29 j 20:31	3°♉38'54		
evening max el	-1983 Jan 27 j 03:00	7°♒39'04	46°03'24	morning set	-1981 Jul 20 j 12:02	29°♉08'07		
	-1983 Feb 22 j 04:13	0°♓			-1981 Jul 21 j 04:45	0°♊		
greatest brilliancy	-1983 Mar 02 j 15:50	4°♓59'02	-4.5m		-1981 Aug 14 j 06:20	0°♋		
retrograde	-1983 Mar 17 j 11:54	8°♓51'26		max. Earth dist.	-1981 Aug 23 j 10:53	11°♋30'56	1.71619 AU	
evening set	-1983 Apr 02 j 21:55	3°♓38'12						
inferior conj	-1983 Apr 07 j 21:50	0°♓33'05	5°27'57	superior conj	-1981 Aug 26 j 18:46	15°♋41'30	1°24'10	
minimum elong	-1983 Apr 08 j 06:54	0°♓18'43	5°25'58	minimum elong	-1981 Aug 26 j 20:00	15°♋45'25	1°24'12	
min. Earth dist.	-1983 Apr 08 j 06:02	0°♓20'06	0.29164 AU		-1981 Sep 07 j 04:11	0°♌		
	-1983 Apr 08 j 18:44	30°♒			-1981 Oct 01 j 00:50	0°♍		
morning rise	-1983 Apr 13 j 16:02	27°♒01'56		evening rise	-1981 Oct 05 j 05:58	5°♍17'43		
direct	-1983 Apr 29 j 14:42	22°♒10'16		desc. node	-1981 Oct 19 j 12:33	23°♍13'17		
desc. node	-1983 May 03 j 17:01	22°♒29'21			-1981 Oct 24 j 22:14	0°♎		
greatest brilliancy	-1983 May 12 j 19:53	25°♒14'34	-4.5m		-1981 Nov 17 j 21:39	0°♏		
	-1983 May 21 j 15:06	0°♓			-1981 Dec 12 j 00:22	0°♐		
morning max el	-1983 Jun 17 j 12:09	22°♓03'10	45°50'34		-1980 Jan 05 j 08:58	0°♑		
	-1983 Jun 25 j 14:09	0°♈			-1980 Jan 30 j 04:24	0°♒		
	-1983 Jul 23 j 13:29	0°♉		asc. node	-1980 Feb 09 j 12:52	12°♒15'55		
	-1983 Aug 18 j 11:33	0°♊			-1980 Feb 24 j 19:34	0°♓		
asc. node	-1983 Aug 24 j 18:14	7°♊28'58			-1980 Mar 23 j 01:25	0°♈		
	-1983 Sep 12 j 07:59	0°♋		evening max el	-1980 Apr 07 j 18:38	15°♈48'21	45°12'55	
	-1983 Oct 06 j 13:50	0°♌			-1980 Apr 23 j 20:24	0°♉		
	-1983 Oct 30 j 12:38	0°♍		greatest brilliancy	-1980 May 12 j 13:38	11°♉57'59	-4.5m	
	-1983 Nov 23 j 09:34	0°♎		retrograde	-1980 May 26 j 02:49	15°♉10'11		
desc. node	-1983 Dec 14 j 10:13	26°♎22'50		desc. node	-1980 May 31 j 04:47	14°♉39'51		
	-1983 Dec 17 j 07:35	0°♏		evening set	-1980 Jun 10 j 05:10	10°♉50'39		
morning set	-1983 Dec 18 j 15:45	1°♏40'41		inferior conj	-1980 Jun 16 j 12:35	7°♉07'48	-3°-42'-25	
	-1982 Jan 10 j 07:53	0°♐		minimum elong	-1980 Jun 16 j 04:59	7°♉19'32	3°40'22	
				min. Earth dist.	-1980 Jun 16 j 20:22	6°♉55'48	0.28654 AU	
superior conj	-1982 Jan 28 j 23:29	23°♐12'25	-1°-20'-41	morning rise	-1980 Jun 22 j 04:12	3°♉44'38		
minimum elong	-1982 Jan 28 j 17:10	22°♐52'48	1°20'39		-1980 Jun 30 j 15:48	30°♒		
max. Earth dist.	-1982 Feb 01 j 23:35	28°♐10'43	1.72395 AU	direct	-1980 Jul 08 j 02:58	28°♒53'45		
	-1982 Feb 03 j 10:49	0°♑			-1980 Jul 15 j 20:54	0°♉		
	-1982 Feb 27 j 16:40	0°♒		greatest brilliancy	-1980 Jul 22 j 17:35	2°♉36'06	-4.5m	
evening rise	-1982 Mar 08 j 23:07	11°♒25'34			-1980 Aug 26 j 17:04	0°♊		
	-1982 Mar 24 j 01:55	0°♓		morning max el	-1980 Aug 26 j 21:01	0°♊09'44	46°24'50	
asc. node	-1982 Apr 06 j 10:56	16°♓22'17		asc. node	-1980 Sep 21 j 06:00	27°♊12'15		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1980 Sep 23 j 17:22	0°♌			-1977 Apr 03 j 09:07	0°♋		
	-1980 Oct 19 j 08:01	0°♍			-1977 Apr 29 j 03:16	0°♊		
	-1980 Nov 12 j 23:48	0°♎			-1977 May 26 j 01:21	0°♏		
	-1980 Dec 07 j 06:53	0°♐	evening max el		-1977 Jun 19 j 11:18	25°♏01'21	45°46'12	
	-1980 Dec 31 j 12:03	0°♑			-1977 Jun 24 j 18:43	0°♌		
desc. node	-1979 Jan 10 j 22:05	12°♑54'00		desc. node	-1977 Jun 28 j 16:40	3°♌31'09		
	-1979 Jan 24 j 18:01	0°♒		greatest brilliancy	-1977 Jul 27 j 19:22	23°♌04'07	-4.6m	
	-1979 Feb 18 j 01:29	0°♓		retrograde	-1977 Aug 07 j 14:00	25°♌08'34		
morning set	-1979 Mar 03 j 11:00	16°♓30'01		evening set	-1977 Aug 25 j 13:10	19°♌09'04		
	-1979 Mar 14 j 10:20	0°♈		inferior conj	-1977 Aug 28 j 11:13	17°♌23'39	-8°-51'-51	
	-1979 Apr 07 j 20:17	0°♉		minimum elong	-1977 Aug 28 j 13:11	17°♌20'39	8°51'48	
				min. Earth dist.	-1977 Aug 29 j 01:18	17°♌02'15	0.27417 AU	
superior conj	-1979 Apr 09 j 18:47	2°♉22'47	0°-52'-42	morning rise	-1977 Aug 31 j 13:05	15°♌32'27		
minimum elong	-1979 Apr 10 j 03:29	2°♉49'28	0°52'24	direct	-1977 Sep 18 j 09:58	9°♌32'00		
max. Earth dist.	-1979 Apr 10 j 00:22	2°♉39'55	1.73625 AU	greatest brilliancy	-1977 Oct 02 j 03:22	12°♌59'47	-4.7m	
	-1979 May 02 j 06:51	0°♊		asc. node	-1977 Oct 19 j 17:38	24°♌47'52		
asc. node	-1979 May 03 j 22:53	2°♊02'51			-1977 Oct 25 j 17:27	0°♍		
evening rise	-1979 May 16 j 02:20	16°♊57'06		morning max el	-1977 Nov 08 j 06:05	13°♍07'13	46°54'00	
	-1979 May 26 j 17:31	0°♋			-1977 Nov 24 j 00:53	0°♎		
	-1979 Jun 20 j 04:10	0°♌			-1977 Dec 20 j 05:25	0°♐		
	-1979 Jul 14 j 15:35	0°♍			-1976 Jan 14 j 11:40	0°♑		
	-1979 Aug 08 j 05:30	0°♍		desc. node	-1976 Feb 08 j 10:02	0°♒00'02		
desc. node	-1979 Aug 23 j 14:30	18°♍38'37			-1976 Feb 08 j 10:02	0°♒		
	-1979 Sep 02 j 00:28	0°♎			-1976 Mar 04 j 05:16	0°♓		
	-1979 Sep 27 j 04:36	0°♏			-1976 Mar 28 j 22:40	0°♈		
	-1979 Oct 23 j 03:48	0°♑			-1976 Apr 22 j 14:15	0°♉		
evening max el	-1979 Nov 14 j 14:14	24°♑15'45	47°21'07	morning set	-1976 May 10 j 18:26	22°♉11'54		
	-1979 Nov 20 j 07:25	0°♒			-1976 May 17 j 03:23	0°♊		
asc. node	-1979 Dec 14 j 15:05	20°♒33'43		asc. node	-1976 May 31 j 10:48	17°♊33'44		
greatest brilliancy	-1979 Dec 21 j 19:29	24°♒41'10	-4.6m		-1976 Jun 10 j 13:19	0°♋		
retrograde	-1978 Jan 04 j 16:45	28°♒17'12		max. Earth dist.	-1976 Jun 12 j 08:38	2°♋13'29	1.73272 AU	
evening set	-1978 Jan 21 j 16:39	22°♒33'25						
min. Earth dist.	-1978 Jan 24 j 19:42	20°♒36'53	0.28050 AU	superior conj	-1976 Jun 15 j 19:34	6°♋29'14	0°35'12	
inferior conj	-1978 Jan 25 j 17:54	20°♒01'43	8°00'45	minimum elong	-1976 Jun 15 j 13:09	6°♋09'25	0°34'57	
minimum elong	-1978 Jan 25 j 11:35	20°♒11'44	8°00'04		-1976 Jul 04 j 19:46	0°♌		
morning rise	-1978 Jan 29 j 06:54	17°♒49'12		evening rise	-1976 Jul 21 j 15:53	20°♌54'01		
direct	-1978 Feb 15 j 14:48	11°♒58'57			-1976 Jul 28 j 23:29	0°♍		
greatest brilliancy	-1978 Feb 26 j 10:37	14°♒07'39	-4.5m		-1976 Aug 22 j 02:00	0°♍		
	-1978 Mar 23 j 01:31	0°♎			-1976 Sep 15 j 05:07	0°♎		
desc. node	-1978 Apr 05 j 07:24	11°♎56'45		desc. node	-1976 Sep 20 j 02:35	6°♎04'26		
morning max el	-1978 Apr 05 j 14:56	12°♎14'45	45°55'13		-1976 Oct 09 j 10:25	0°♏		
	-1978 Apr 23 j 05:40	0°♈			-1976 Nov 02 j 19:52	0°♑		
	-1978 May 20 j 16:50	0°♉			-1976 Nov 27 j 13:37	0°♒		
	-1978 Jun 15 j 18:45	0°♊			-1976 Dec 23 j 01:34	0°♓		
	-1978 Jul 11 j 00:57	0°♋		asc. node	-1975 Jan 11 j 03:04	21°♓15'39		
asc. node	-1978 Jul 27 j 08:31	19°♋47'02			-1975 Jan 19 j 10:03	0°♈		
	-1978 Aug 04 j 16:39	0°♌		evening max el	-1975 Jan 24 j 18:17	5°♈24'45	46°06'13	
greatest brilliancy	-1978 Aug 26 j 12:18	27°♌01'29	-3.9m		-1975 Feb 23 j 04:40	0°♉		
	-1978 Aug 28 j 21:33	0°♍		greatest brilliancy	-1975 Feb 28 j 09:55	2°♉52'54	-4.5m	
	-1978 Sep 21 j 19:36	0°♍		retrograde	-1975 Mar 15 j 04:28	6°♉44'17		
morning set	-1978 Sep 30 j 05:45	10°♍36'37		evening set	-1975 Mar 31 j 17:26	1°♉27'28		
	-1978 Oct 15 j 14:40	0°♎			-1975 Apr 03 j 03:07	30°♊		
	-1978 Nov 08 j 09:42	0°♏		inferior conj	-1975 Apr 05 j 14:50	28°♊25'48	5°42'08	
				minimum elong	-1975 Apr 05 j 23:59	28°♊11'16	5°40'14	
superior conj	-1978 Nov 10 j 01:18	2°♏04'40	0°14'02	min. Earth dist.	-1975 Apr 05 j 22:40	28°♊13'21	0.29159 AU	
minimum elong	-1978 Nov 10 j 05:04	2°♏16'33	0°13'49	morning rise	-1975 Apr 11 j 06:38	24°♊03'33		
behind sun begin	-1978 Nov 09 j 14:28	1°♏30'34		direct	-1975 Apr 27 j 07:13	20°♊03'12		
behind sun end	-1978 Nov 10 j 19:40	3°♏02'31		desc. node	-1975 May 02 j 18:57	20°♊36'58		
max. Earth dist.	-1978 Nov 12 j 22:17	5°♏41'49	1.71006 AU	greatest brilliancy	-1975 May 10 j 09:48	23°♊04'12	-4.5m	
desc. node	-1978 Nov 16 j 00:24	9°♏35'05			-1975 May 22 j 12:31	0°♋		
	-1978 Dec 02 j 06:21	0°♑		morning max el	-1975 Jun 15 j 03:21	19°♋52'05	45°49'49	
evening rise	-1978 Dec 22 j 06:16	25°♑02'36			-1975 Jun 25 j 09:13	0°♌		
	-1978 Dec 26 j 05:31	0°♒			-1975 Jul 23 j 04:05	0°♍		
	-1977 Jan 19 j 08:07	0°♓			-1975 Aug 18 j 00:27	0°♎		
	-1977 Feb 12 j 15:49	0°♈		asc. node	-1975 Aug 23 j 20:23	6°♏57'36		
asc. node	-1977 Mar 09 j 01:01	29°♈41'43			-1975 Sep 11 j 20:03	0°♏		
	-1977 Mar 09 j 07:04	0°♉			-1975 Oct 06 j 01:28	0°♐		

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1975 Oct 30 j 00:00	0°♌		greatest brilliancy	-1972 May 10 j 02:17	9°♐45'18	-4.5m
	-1975 Nov 22 j 20:46	0°♍		retrograde	-1972 May 23 j 19:06	13°♐01'13	
desc. node	-1975 Dec 13 j 12:17	25°♍54'35		desc. node	-1972 May 30 j 06:56	12°♐11'25	
morning set	-1975 Dec 16 j 01:21	29°♍05'49		evening set	-1972 Jun 07 j 19:55	8°♐42'36	
	-1975 Dec 16 j 18:39	0°♎		inferior conj	-1972 Jun 14 j 04:29	4°♐58'01	-3°-23'-58
	-1974 Jan 09 j 18:51	0°♏		minimum elong	-1972 Jun 13 j 21:24	5°♐08'56	3°22'01
				min. Earth dist.	-1972 Jun 14 j 12:07	4°♐46'15	0.28683 AU
superior conj	-1974 Jan 26 j 11:57	20°♏48'13	-1°-19'-31	morning rise	-1972 Jun 19 j 22:22	1°♐31'55	
minimum elong	-1974 Jan 26 j 04:51	20°♏26'09	1°19'27		-1972 Jun 22 j 20:29	30°♑♏	
max. Earth dist.	-1974 Jan 30 j 14:08	25°♏53'07	1.72334 AU	direct	-1972 Jul 05 j 19:29	26°♑43'23	
	-1974 Feb 02 j 21:41	0°♑			-1972 Jul 19 j 11:23	0°♒	
	-1974 Feb 27 j 03:28	0°♑		greatest brilliancy	-1972 Jul 20 j 10:27	0°♒26'41	-4.5m
evening rise	-1974 Mar 06 j 14:27	9°♑11'43		morning max el	-1972 Aug 24 j 13:09	27°♒57'05	46°23'20
	-1974 Mar 23 j 12:44	0°♓			-1972 Aug 26 j 14:33	0°♓	
asc. node	-1974 Apr 05 j 13:00	15°♓55'19		asc. node	-1972 Sep 20 j 08:06	26°♓33'14	
	-1974 Apr 17 j 02:05	0°♑			-1972 Sep 23 j 08:58	0°♑	
	-1974 May 11 j 20:11	0°♒			-1972 Oct 18 j 21:34	0°♑	
	-1974 Jun 05 j 20:24	0°♓			-1972 Nov 12 j 12:23	0°♌	
	-1974 Jul 01 j 05:54	0°♑			-1972 Dec 06 j 18:54	0°♍	
desc. node	-1974 Jul 26 j 04:32	28°♑42'44			-1972 Dec 30 j 23:39	0°♎	
	-1974 Jul 27 j 07:56	0°♑		desc. node	-1971 Jan 10 j 00:20	12°♎25'30	
	-1974 Aug 23 j 21:32	0°♌			-1971 Jan 24 j 05:17	0°♏	
evening max el	-1974 Sep 01 j 02:24	8°♌19'43	47°07'29		-1971 Feb 17 j 12:28	0°♑	
	-1974 Sep 25 j 16:12	0°♍		morning set	-1971 Mar 01 j 02:04	14°♑15'04	
greatest brilliancy	-1974 Oct 10 j 09:32	8°♍33'24	-4.7m		-1971 Mar 13 j 21:08	0°♑	
retrograde	-1974 Oct 21 j 12:45	10°♍52'54			-1971 Apr 07 j 07:00	0°♓	
evening set	-1974 Nov 05 j 02:46	6°♍40'25					
inferior conj	-1974 Nov 11 j 02:03	3°♍10'01	-1°-19'-37	superior conj	-1971 Apr 07 j 12:25	0°♓16'37	0°-55'-10
minimum elong	-1974 Nov 11 j 05:02	3°♍05'26	1°18'42	minimum elong	-1971 Apr 07 j 21:17	0°♓43'53	0°54'51
min. Earth dist.	-1974 Nov 10 j 21:02	3°♍17'41	0.26340 AU	max. Earth dist.	-1971 Apr 07 j 22:20	0°♓47'05	1.73606 AU
asc. node	-1974 Nov 16 j 05:18	0°♍07'19			-1971 May 01 j 17:34	0°♑	
	-1974 Nov 16 j 10:36	30°♑♌		asc. node	-1971 May 03 j 00:58	1°♑36'20	
morning rise	-1974 Nov 17 j 07:26	29°♌31'52		evening rise	-1971 May 13 j 21:37	14°♑56'02	
direct	-1974 Dec 01 j 07:30	25°♌35'25			-1971 May 26 j 04:20	0°♒	
greatest brilliancy	-1974 Dec 12 j 23:41	28°♌08'20	-4.7m		-1971 Jun 19 j 15:12	0°♓	
	-1974 Dec 16 j 22:36	0°♍			-1971 Jul 14 j 03:00	0°♑	
morning max el	-1973 Jan 20 j 09:53	28°♍00'51	46°34'39		-1971 Aug 07 j 17:31	0°♑	
	-1973 Jan 22 j 09:29	0°♎		desc. node	-1971 Aug 22 j 16:36	18°♑07'10	
	-1973 Feb 19 j 11:39	0°♏			-1971 Sep 01 j 13:23	0°♌	
desc. node	-1973 Mar 07 j 21:50	18°♏32'33			-1971 Sep 26 j 18:56	0°♍	
	-1973 Mar 17 j 21:06	0°♑			-1971 Oct 22 j 20:52	0°♎	
	-1973 Apr 12 j 13:19	0°♑		evening max el	-1971 Nov 12 j 06:29	21°♎58'03	47°22'30
	-1973 May 07 j 19:20	0°♓			-1971 Nov 20 j 08:24	0°♏	
	-1973 Jun 01 j 17:24	0°♑		asc. node	-1971 Dec 13 j 17:20	19°♏09'55	
	-1973 Jun 26 j 08:00	0°♒		greatest brilliancy	-1971 Dec 19 j 12:03	22°♏22'57	-4.6m
asc. node	-1973 Jun 28 j 22:48	3°♒12'45		retrograde	-1970 Jan 02 j 08:47	25°♏57'47	
morning set	-1973 Jul 18 j 05:08	26°♒59'03		evening set	-1970 Jan 19 j 04:44	20°♏18'53	
	-1973 Jul 20 j 15:29	0°♓		min. Earth dist.	-1970 Jan 22 j 09:28	18°♏19'56	0.27978 AU
	-1973 Aug 13 j 17:06	0°♑		inferior conj	-1970 Jan 23 j 08:50	17°♏42'58	7°53'36
max. Earth dist.	-1973 Aug 21 j 01:44	9°♑13'10	1.71678 AU	minimum elong	-1970 Jan 23 j 01:56	17°♏53'52	7°52'45
				morning rise	-1970 Jan 26 j 23:34	15°♏28'06	
superior conj	-1973 Aug 24 j 09:52	13°♑24'23	1°24'18	direct	-1970 Feb 13 j 05:32	9°♏41'33	
minimum elong	-1973 Aug 24 j 10:18	13°♑25'45	1°24'20	greatest brilliancy	-1970 Feb 23 j 22:47	11°♏48'33	-4.5m
	-1973 Sep 06 j 15:03	0°♑			-1970 Mar 23 j 07:30	0°♑	
	-1973 Sep 30 j 11:51	0°♌		morning max el	-1970 Apr 03 j 06:31	10°♑02'31	45°56'07
evening rise	-1973 Oct 02 j 16:53	2°♌46'35		desc. node	-1970 Apr 04 j 09:26	11°♑07'17	
desc. node	-1973 Oct 18 j 14:33	22°♌44'35			-1970 Apr 22 j 23:12	0°♑	
	-1973 Oct 24 j 09:25	0°♍			-1970 May 20 j 06:55	0°♓	
	-1973 Nov 17 j 09:00	0°♎			-1970 Jun 15 j 07:17	0°♑	
	-1973 Dec 11 j 11:55	0°♏			-1970 Jul 10 j 12:40	0°♒	
	-1972 Jan 04 j 20:52	0°♑		asc. node	-1970 Jul 26 j 10:37	19°♒18'37	
	-1972 Jan 29 j 17:00	0°♑			-1970 Aug 04 j 03:56	0°♓	
asc. node	-1972 Feb 08 j 15:00	11°♑43'49			-1970 Aug 28 j 08:38	0°♑	
	-1972 Feb 24 j 09:40	0°♓		greatest brilliancy	-1970 Aug 29 j 01:03	0°♑51'17	-3.9m
	-1972 Mar 22 j 19:14	0°♑			-1970 Sep 21 j 06:37	0°♑	
evening max el	-1972 Apr 05 j 10:25	13°♑38'26	45°13'31	morning set	-1970 Sep 27 j 18:33	8°♑11'04	
	-1972 Apr 24 j 06:49	0°♒			-1970 Oct 15 j 01:41	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

superior conj	-1970 Nov 07 j 10:45	29° Δ 28'30	0°17'57	morning rise	-1967 Apr 08 j 20:56	22° X 51'57	
minimum elong	-1970 Nov 07 j 15:31	29° Δ 43'32	0°17'43	direct	-1967 Apr 24 j 23:11	17° X 54'22	
	-1970 Nov 07 j 20:45	0° M		desc. node	-1967 May 01 j 21:06	18° X 47'11	
max. Earth dist.	-1970 Nov 10 j 06:11	3° M 00'48	1.70990 AU	greatest brilliancy	-1967 May 08 j 00:45	20° X 53'40	-4.5m
desc. node	-1970 Nov 15 j 02:32	9° M 06'57			-1967 May 23 j 05:02	0° Y	
	-1970 Dec 01 j 17:27	0° X		morning max el	-1967 Jun 12 j 18:30	17° Y 39'53	45°49'18
evening rise	-1970 Dec 19 j 16:16	22° X 29'05			-1967 Jun 25 j 04:08	0° X	
	-1970 Dec 25 j 16:39	0° Z			-1967 Jul 22 j 18:47	0° II	
	-1969 Jan 18 j 19:20	0° \approx			-1967 Aug 17 j 13:27	0° S	
	-1969 Feb 12 j 03:12	0° X		asc. node	-1967 Aug 22 j 22:23	6° S 25'21	
asc. node	-1969 Mar 08 j 03:01	29° X 12'26			-1967 Sep 11 j 08:15	0° O	
	-1969 Mar 08 j 18:47	0° Y			-1967 Oct 05 j 13:15	0° M	
	-1969 Apr 02 j 21:32	0° X			-1967 Oct 29 j 11:33	0° Δ	
	-1969 Apr 28 j 17:07	0° II			-1967 Nov 22 j 08:08	0° M	
	-1969 May 25 j 18:19	0° S		desc. node	-1967 Dec 12 j 14:29	25° M 26'07	
evening max el	-1969 Jun 17 j 01:21	22° S 43'51	45°43'45	morning set	-1967 Dec 13 j 11:18	26° M 31'21	
	-1969 Jun 24 j 21:35	0° O			-1967 Dec 16 j 05:54	0° X	
desc. node	-1969 Jun 27 j 18:52	2° O 32'18			-1966 Jan 09 j 06:00	0° Z	
greatest brilliancy	-1969 Jul 25 j 07:39	20° O 42'37	-4.5m				
retrograde	-1969 Aug 05 j 02:27	22° O 47'05		superior conj	-1966 Jan 24 j 00:34	18° Z 23'52	-1°-18'-12
evening set	-1969 Aug 23 j 02:07	16° O 48'10		minimum elong	-1966 Jan 23 j 16:42	17° Z 59'26	1°18'06
inferior conj	-1969 Aug 26 j 00:37	15° O 01'55	-8°-52'-54	max. Earth dist.	-1966 Jan 28 j 03:17	23° Z 30'35	1.72276 AU
minimum elong	-1969 Aug 26 j 01:39	15° O 00'20	8°52'53		-1966 Feb 02 j 08:45	0° \approx	
min. Earth dist.	-1969 Aug 26 j 14:25	14° O 40'53	0.27467 AU		-1966 Feb 26 j 14:30	0° X	
morning rise	-1969 Aug 29 j 01:01	13° O 12'35		evening rise	-1966 Mar 04 j 05:45	6° X 56'54	
direct	-1969 Sep 15 j 23:56	7° O 09'33			-1966 Mar 22 j 23:51	0° Y	
greatest brilliancy	-1969 Sep 29 j 17:47	10° O 36'58	-4.6m	asc. node	-1966 Apr 04 j 15:04	15° Y 27'19	
asc. node	-1969 Oct 18 j 19:40	23° O 39'36			-1966 Apr 16 j 13:26	0° X	
	-1969 Oct 25 j 22:14	0° M			-1966 May 11 j 07:58	0° II	
morning max el	-1969 Nov 05 j 18:45	10° M 39'19	46°53'40		-1966 Jun 05 j 08:54	0° S	
	-1969 Nov 23 j 18:50	0° Δ			-1966 Jun 30 j 19:37	0° O	
	-1969 Dec 19 j 20:10	0° M		desc. node	-1966 Jul 25 j 06:35	28° O 03'52	
	-1968 Jan 14 j 00:53	0° X			-1966 Jul 26 j 23:56	0° M	
desc. node	-1968 Feb 07 j 12:03	29° X 28'47			-1966 Aug 23 j 18:55	0° Δ	
	-1968 Feb 07 j 22:23	0° Z		evening max el	-1966 Aug 29 j 14:36	5° Δ 51'46	47°05'11
	-1968 Mar 03 j 17:02	0° \approx			-1966 Sep 26 j 18:08	0° M	
	-1968 Mar 28 j 10:01	0° X		greatest brilliancy	-1966 Oct 07 j 23:36	6° M 04'23	-4.7m
	-1968 Apr 22 j 01:18	0° Y		retrograde	-1966 Oct 19 j 00:45	8° M 22'12	
morning set	-1968 May 08 j 13:02	20° Y 08'40		evening set	-1966 Nov 02 j 16:27	4° M 07'29	
	-1968 May 16 j 14:15	0° X		inferior conj	-1966 Nov 08 j 14:09	0° M 39'50	-1°-43'-59
asc. node	-1968 May 30 j 12:59	17° X 07'08		minimum elong	-1966 Nov 08 j 18:03	0° M 33'54	1°42'47
max. Earth dist.	-1968 Jun 10 j 03:34	0° II 10'36	1.73312 AU	min. Earth dist.	-1966 Nov 08 j 10:47	0° M 44'59	0.26333 AU
	-1968 Jun 10 j 00:08	0° II			-1966 Nov 09 j 16:18	30° R Δ	
				morning rise	-1966 Nov 14 j 19:40	27° Δ 01'56	
superior conj	-1968 Jun 13 j 14:11	4° II 25'11	0°32'22	asc. node	-1966 Nov 15 j 07:33	26° Δ 46'23	
minimum elong	-1968 Jun 13 j 08:12	4° II 06'44	0°32'08	direct	-1966 Nov 28 j 19:25	23° Δ 05'02	
	-1968 Jul 04 j 06:40	0° S		greatest brilliancy	-1966 Dec 10 j 14:48	25° Δ 41'38	-4.7m
evening rise	-1968 Jul 19 j 09:31	18° S 45'28			-1966 Dec 18 j 18:42	0° M	
	-1968 Jul 28 j 10:34	0° O		morning max el	-1965 Jan 17 j 23:35	25° M 36'58	46°36'11
	-1968 Aug 21 j 13:20	0° M			-1965 Jan 22 j 07:46	0° X	
	-1968 Sep 14 j 16:44	0° Δ			-1965 Feb 19 j 03:52	0° Z	
desc. node	-1968 Sep 19 j 04:35	5° Δ 34'22		desc. node	-1965 Mar 06 j 23:53	17° Z 56'50	
	-1968 Oct 08 j 22:25	0° M			-1965 Mar 17 j 10:54	0° \approx	
	-1968 Nov 02 j 08:26	0° X			-1965 Apr 12 j 01:52	0° X	
	-1968 Nov 27 j 03:06	0° Z			-1965 May 07 j 07:11	0° Y	
	-1968 Dec 22 j 16:52	0° \approx			-1965 Jun 01 j 04:50	0° X	
asc. node	-1967 Jan 10 j 05:08	20° \approx 32'50			-1965 Jun 25 j 19:12	0° II	
	-1967 Jan 19 j 06:17	0° X		asc. node	-1965 Jun 28 j 00:51	2° II 44'43	
evening max el	-1967 Jan 22 j 08:33	3° X 06'58	46°08'50	morning set	-1965 Jul 15 j 22:04	24° II 48'27	
	-1967 Feb 24 j 16:20	0° Y			-1965 Jul 20 j 02:34	0° S	
greatest brilliancy	-1967 Feb 26 j 03:07	0° Y 44'10	-4.5m		-1965 Aug 13 j 04:11	0° O	
retrograde	-1967 Mar 12 j 20:49	4° Y 35'40		max. Earth dist.	-1965 Aug 18 j 16:24	6° O 53'53	1.71732 AU
	-1967 Mar 28 j 05:23	30° R X					
evening set	-1967 Mar 29 j 12:45	29° X 14'55		superior conj	-1965 Aug 22 j 00:52	11° O 06'01	1°24'17
inferior conj	-1967 Apr 03 j 07:39	26° X 16'56	5°56'00	minimum elong	-1965 Aug 22 j 00:30	11° O 04'52	1°24'20
minimum elong	-1967 Apr 03 j 16:49	26° X 02'21	5°54'10		-1965 Sep 06 j 02:14	0° M	
min. Earth dist.	-1967 Apr 03 j 15:16	26° X 04'49	0.29156 AU		-1965 Sep 29 j 23:11	0° Δ	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

evening rise	-1965 Sep 30 j 03:54	0°♄14'51		desc. node	-1962 Apr 03 j 11:32	10°≈18'06	
desc. node	-1965 Oct 17 j 16:41	22°♄15'21			-1962 Apr 22 j 16:37	0°♁	
	-1965 Oct 23 j 20:55	0°♄			-1962 May 19 j 21:04	0°♂	
	-1965 Nov 16 j 20:41	0°♂			-1962 Jun 14 j 19:57	0°♂	
	-1965 Dec 10 j 23:49	0°♂			-1962 Jul 10 j 00:35	0°♂	
	-1964 Jan 04 j 09:07	0°≈		asc. node	-1962 Jul 25 j 12:38	18°♂49'16	
	-1964 Jan 29 j 05:58	0°♁			-1962 Aug 03 j 15:27	0°♂	
asc. node	-1964 Feb 07 j 17:03	11°♁10'29			-1962 Aug 27 j 19:59	0°♂	
	-1964 Feb 24 j 00:12	0°♂		greatest brilliancy	-1962 Aug 31 j 02:48	4°♂06'14	-3.9m
	-1964 Mar 22 j 13:50	0°♂			-1962 Sep 20 j 17:55	0°♂	
evening max el	-1964 Apr 03 j 02:44	11°♂28'53	45°14'02	morning set	-1962 Sep 25 j 07:04	5°♂43'42	
	-1964 Apr 24 j 21:31	0°♂			-1962 Oct 14 j 12:59	0°♄	
greatest brilliancy	-1964 May 07 j 15:41	7°♂32'20	-4.5m				
retrograde	-1964 May 21 j 11:14	10°♂50'34		superior conj	-1962 Nov 04 j 20:01	26°♄51'01	0°21'52
desc. node	-1964 May 29 j 09:06	9°♂36'32		minimum elong	-1962 Nov 05 j 01:45	27°♄09'04	0°21'34
evening set	-1964 Jun 05 j 10:45	6°♂32'56			-1962 Nov 07 j 08:02	0°♄	
inferior conj	-1964 Jun 11 j 20:13	2°♂46'36	-3°-5'-8	max. Earth dist.	-1962 Nov 07 j 10:27	0°♄07'35	1.70970 AU
minimum elong	-1964 Jun 11 j 13:43	2°♂56'39	3°03'19	desc. node	-1962 Nov 14 j 04:41	8°♄38'11	
min. Earth dist.	-1964 Jun 12 j 03:37	2°♂35'11	0.28713 AU		-1962 Dec 01 j 04:44	0°♂	
	-1964 Jun 16 j 10:23	30°♂		evening rise	-1962 Dec 17 j 02:00	19°♂54'03	
morning rise	-1964 Jun 17 j 16:16	29°♂17'34			-1962 Dec 25 j 03:57	0°♂	
direct	-1964 Jul 03 j 12:07	24°♂31'33			-1961 Jan 18 j 06:43	0°≈	
greatest brilliancy	-1964 Jul 18 j 02:27	28°♂14'40	-4.5m		-1961 Feb 11 j 14:46	0°♁	
	-1964 Jul 21 j 12:00	0°♂		asc. node	-1961 Mar 07 j 05:09	28°♁42'57	
morning max el	-1964 Aug 22 j 05:10	25°♂42'57	46°21'51		-1961 Mar 08 j 06:42	0°♂	
	-1964 Aug 26 j 11:49	0°♂			-1961 Apr 02 j 10:11	0°♂	
asc. node	-1964 Sep 19 j 10:12	25°♂53'26			-1961 Apr 28 j 07:14	0°♂	
	-1964 Sep 23 j 00:44	0°♂			-1961 May 25 j 11:46	0°♂	
	-1964 Oct 18 j 11:20	0°♂		evening max el	-1961 Jun 14 j 14:24	20°♂23'48	45°41'18
	-1964 Nov 12 j 01:11	0°♄			-1961 Jun 25 j 02:18	0°♂	
	-1964 Dec 06 j 07:08	0°♄		desc. node	-1961 Jun 26 j 20:49	1°♂31'13	
	-1964 Dec 30 j 11:30	0°♂		greatest brilliancy	-1961 Jul 22 j 19:45	18°♂20'32	-4.5m
desc. node	-1963 Jan 09 j 02:16	11°♂55'14		retrograde	-1961 Aug 02 j 14:35	20°♂25'21	
	-1963 Jan 23 j 16:49	0°♂		evening set	-1961 Aug 20 j 14:30	14°♂27'28	
	-1963 Feb 16 j 23:45	0°≈		inferior conj	-1961 Aug 23 j 13:58	12°♂39'45	-8°-52'-58
morning set	-1963 Feb 26 j 17:06	11°≈59'05		minimum elong	-1961 Aug 23 j 14:04	12°♂39'36	8°52'57
	-1963 Mar 13 j 08:14	0°♁		min. Earth dist.	-1961 Aug 24 j 03:47	12°♂18'41	0.27525 AU
				morning rise	-1961 Aug 26 j 13:28	10°♂51'36	
superior conj	-1963 Apr 05 j 06:01	28°♁09'33	0°-57'-33	direct	-1961 Sep 13 j 13:31	4°♂46'18	
minimum elong	-1963 Apr 05 j 15:01	28°♁37'12	0°57'14	greatest brilliancy	-1961 Sep 27 j 09:27	8°♂15'04	-4.6m
max. Earth dist.	-1963 Apr 05 j 21:35	28°♁57'22	1.73584 AU	asc. node	-1961 Oct 17 j 21:54	22°♂32'42	
	-1963 Apr 06 j 17:59	0°♂			-1961 Oct 26 j 01:38	0°♂	
	-1963 May 01 j 04:33	0°♂		morning max el	-1961 Nov 03 j 07:10	8°♂09'53	46°53'22
asc. node	-1963 May 02 j 03:10	1°♂09'24			-1961 Nov 23 j 12:41	0°♄	
evening rise	-1963 May 11 j 16:51	12°♂53'59			-1961 Dec 19 j 10:57	0°♄	
	-1963 May 25 j 15:26	0°♂			-1960 Jan 13 j 14:10	0°♂	
	-1963 Jun 19 j 02:35	0°♂		desc. node	-1960 Feb 06 j 14:10	28°♂57'41	
	-1963 Jul 13 j 14:50	0°♂			-1960 Feb 07 j 10:45	0°♂	
	-1963 Aug 07 j 05:59	0°♂			-1960 Mar 03 j 04:49	0°≈	
desc. node	-1963 Aug 21 j 18:35	17°♂34'10			-1960 Mar 27 j 21:23	0°♁	
	-1963 Sep 01 j 02:45	0°♄			-1960 Apr 21 j 12:22	0°♂	
	-1963 Sep 26 j 09:45	0°♄		morning set	-1960 May 06 j 07:44	18°♂05'33	
	-1963 Oct 22 j 14:36	0°♂			-1960 May 16 j 01:09	0°♂	
evening max el	-1963 Nov 09 j 22:36	19°♂39'08	47°23'51	asc. node	-1960 May 29 j 15:04	16°♂40'07	
	-1963 Nov 20 j 11:03	0°♂		max. Earth dist.	-1960 Jun 07 j 23:57	28°♂12'08	1.73351 AU
asc. node	-1963 Dec 12 j 19:23	17°♂42'10			-1960 Jun 09 j 10:59	0°♂	
greatest brilliancy	-1963 Dec 17 j 05:30	20°♂04'56	-4.7m				
retrograde	-1963 Dec 31 j 00:31	23°♂37'06		superior conj	-1960 Jun 11 j 09:01	2°♂21'54	0°29'30
evening set	-1962 Jan 16 j 16:42	18°♂03'34		minimum elong	-1960 Jun 11 j 03:30	2°♂04'51	0°29'17
min. Earth dist.	-1962 Jan 19 j 23:23	16°♂01'38	0.27903 AU		-1960 Jul 03 j 17:35	0°♂	
inferior conj	-1962 Jan 20 j 23:42	15°♂23'09	7°45'35	evening rise	-1960 Jul 17 j 03:30	16°♂38'13	
minimum elong	-1962 Jan 20 j 16:17	15°♂34'54	7°44'36		-1960 Jul 27 j 21:39	0°♂	
morning rise	-1962 Jan 24 j 16:22	13°♂05'30			-1960 Aug 21 j 00:40	0°♂	
direct	-1962 Feb 10 j 20:13	7°♂23'15			-1960 Sep 14 j 04:25	0°♄	
greatest brilliancy	-1962 Feb 21 j 10:50	9°♂28'10	-4.5m	desc. node	-1960 Sep 18 j 06:45	5°♄04'40	
	-1962 Mar 23 j 11:53	0°≈			-1960 Oct 08 j 10:33	0°♄	
morning max el	-1962 Mar 31 j 21:14	7°≈47'21	45°57'06		-1960 Nov 01 j 21:10	0°♂	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1960 Nov 26 j 16:46	0°☾					-1957 May 06 j 18:43	0°☿			
	-1960 Dec 22 j 08:27	0°♊					-1957 May 31 j 15:56	0°♈			
asc. node	-1959 Jan 09 j 07:10	19°♊49'17					-1957 Jun 25 j 06:05	0°♊			
	-1959 Jan 19 j 03:12	0°♋				asc. node	-1957 Jun 27 j 02:51	2°♊17'28			
evening max el	-1959 Jan 19 j 22:27	0°♋48'09	46°11'48			morning set	-1957 Jul 13 j 15:14	22°♊39'35			
greatest brilliancy	-1959 Feb 23 j 19:17	28°♋34'11	-4.5m				-1957 Jul 19 j 13:22	0°♋			
	-1959 Feb 26 j 23:51	0°☿					-1957 Aug 12 j 14:59	0°♌			
retrograde	-1959 Mar 10 j 13:35	2°☿27'27				max. Earth dist.	-1957 Aug 16 j 05:09	4°♌29'35	1.71784 AU		
	-1959 Mar 21 j 15:24	30°♋									
evening set	-1959 Mar 27 j 08:08	27°♋02'25				superior conj	-1957 Aug 19 j 16:19	8°♌50'02	1°24'09		
inferior conj	-1959 Apr 01 j 00:31	24°♋08'17	6°09'24			minimum elong	-1957 Aug 19 j 15:09	8°♌46'24	1°24'10		
minimum elong	-1959 Apr 01 j 09:40	23°♋53'44	6°07'37				-1957 Sep 05 j 13:07	0°♍			
min. Earth dist.	-1959 Apr 01 j 07:46	23°♋56'45	0.29151 AU			evening rise	-1957 Sep 27 j 15:25	27°♍45'40			
morning rise	-1959 Apr 06 j 11:14	20°♋46'56					-1957 Sep 29 j 10:12	0°♎			
direct	-1959 Apr 22 j 15:07	15°♋45'40				desc. node	-1957 Oct 16 j 18:49	21°♎47'11			
desc. node	-1959 Apr 30 j 23:18	17°♋01'39					-1957 Oct 23 j 08:05	0°♏			
greatest brilliancy	-1959 May 05 j 16:27	18°♋44'25	-4.5m				-1957 Nov 16 j 08:00	0°♐			
	-1959 May 23 j 17:13	0°☿					-1957 Dec 10 j 11:23	0°☾			
morning max el	-1959 Jun 10 j 10:29	15°☿30'02	45°48'54				-1956 Jan 03 j 21:05	0°♊			
	-1959 Jun 24 j 22:25	0°♈					-1956 Jan 28 j 18:44	0°♋			
	-1959 Jul 22 j 09:09	0°♊				asc. node	-1956 Feb 06 j 19:11	10°♋38'04			
	-1959 Aug 17 j 02:15	0°♋					-1956 Feb 23 j 14:38	0°☿			
asc. node	-1959 Aug 22 j 00:33	5°♋54'07					-1956 Mar 22 j 08:37	0°♈			
	-1959 Sep 10 j 20:17	0°♌				evening max el	-1956 Mar 31 j 19:23	9°♈20'59	45°14'44		
	-1959 Oct 05 j 00:53	0°♍					-1956 Apr 25 j 16:37	0°♊			
	-1959 Oct 28 j 22:58	0°♎				greatest brilliancy	-1956 May 05 j 06:26	5°♊22'14	-4.5m		
	-1959 Nov 21 j 19:26	0°♏				retrograde	-1956 May 19 j 03:14	8°♊41'20			
morning set	-1959 Dec 10 j 20:49	23°♏55'34				desc. node	-1956 May 28 j 11:03	6°♊58'50			
desc. node	-1959 Dec 11 j 16:29	24°♏57'13				evening set	-1956 Jun 03 j 02:00	4°♊24'44			
	-1959 Dec 15 j 17:06	0°♐				inferior conj	-1956 Jun 09 j 12:09	0°♊36'53	-2°-46'-9		
	-1958 Jan 08 j 17:05	0°☾				minimum elong	-1956 Jun 09 j 06:15	0°♊46'00	2°44'30		
						min. Earth dist.	-1956 Jun 09 j 19:28	0°♊25'33	0.28739 AU		
superior conj	-1958 Jan 21 j 12:32	15°☾57'36	-1°-16'-42				-1956 Jun 10 j 12:00	30°♋			
minimum elong	-1958 Jan 21 j 03:57	15°☾30'56	1°16'35			morning rise	-1956 Jun 15 j 10:10	27°♋04'51			
max. Earth dist.	-1958 Jan 25 j 14:03	21°☾00'47	1.72216 AU			direct	-1956 Jul 01 j 04:51	22°♋21'32			
	-1958 Feb 01 j 19:43	0°♊				greatest brilliancy	-1956 Jul 15 j 17:16	26°♋02'34	-4.5m		
	-1958 Feb 26 j 01:25	0°♋					-1956 Jul 22 j 19:45	0°♊			
evening rise	-1958 Mar 01 j 20:36	4°♋41'08				morning max el	-1956 Aug 19 j 20:42	23°♊28'59	46°20'18		
	-1958 Mar 22 j 10:49	0°☿					-1956 Aug 26 j 07:55	0°♋			
asc. node	-1958 Apr 03 j 17:15	15°☿00'14				asc. node	-1956 Sep 18 j 12:21	25°♋15'15			
	-1958 Apr 16 j 00:37	0°♈					-1956 Sep 22 j 15:53	0°♌			
	-1958 May 10 j 19:35	0°♊					-1956 Oct 18 j 00:37	0°♍			
	-1958 Jun 04 j 21:15	0°♋					-1956 Nov 11 j 13:32	0°♎			
	-1958 Jun 30 j 09:15	0°♌					-1956 Dec 05 j 18:56	0°♏			
desc. node	-1958 Jul 24 j 08:41	27°♌25'34					-1956 Dec 29 j 22:54	0°♐			
	-1958 Jul 26 j 15:56	0°♍				desc. node	-1955 Jan 08 j 04:23	11°♐26'47			
	-1958 Aug 23 j 16:44	0°♎					-1955 Jan 23 j 03:56	0°☾			
evening max el	-1958 Aug 27 j 03:36	3°♎26'57	47°02'51				-1955 Feb 16 j 10:39	0°♊			
	-1958 Sep 28 j 05:39	0°♏				morning set	-1955 Feb 24 j 08:00	9°♊43'43			
greatest brilliancy	-1958 Oct 05 j 12:42	3°♏35'25	-4.7m				-1955 Mar 12 j 18:58	0°♋			
retrograde	-1958 Oct 16 j 13:20	5°♏52'31									
evening set	-1958 Oct 31 j 06:21	1°♏35'15				superior conj	-1955 Apr 02 j 23:24	26°♋02'45	0°-59'-51		
	-1958 Nov 03 j 01:29	30°♏				minimum elong	-1955 Apr 03 j 08:28	26°♋30'37	0°59'33		
inferior conj	-1958 Nov 06 j 02:14	28°♏10'24	-2°-8'-7			max. Earth dist.	-1955 Apr 03 j 20:06	27°♋06'23	1.73560 AU		
minimum elong	-1958 Nov 06 j 07:00	28°♏03'09	2°06'38				-1955 Apr 06 j 04:38	0°☿			
min. Earth dist.	-1958 Nov 06 j 00:09	28°♏13'35	0.26334 AU				-1955 Apr 30 j 15:12	0°♈			
morning rise	-1958 Nov 12 j 07:41	24°♏33'10				asc. node	-1955 May 01 j 05:11	0°♈42'53			
asc. node	-1958 Nov 14 j 09:34	23°♏30'44				evening rise	-1955 May 09 j 11:48	10°♈52'08			
direct	-1958 Nov 26 j 07:54	20°♏35'30					-1955 May 25 j 02:12	0°♊			
greatest brilliancy	-1958 Dec 08 j 05:09	23°♏14'46	-4.7m				-1955 Jun 18 j 13:37	0°♋			
	-1958 Dec 20 j 00:38	0°♌					-1955 Jul 13 j 02:19	0°♌			
morning max el	-1957 Jan 15 j 14:03	23°♌15'25	46°37'29				-1955 Aug 06 j 18:08	0°♍			
	-1957 Jan 22 j 05:04	0°♐				desc. node	-1955 Aug 20 j 20:46	17°♍02'42			
	-1957 Feb 18 j 19:41	0°☾					-1955 Aug 31 j 15:51	0°♎			
desc. node	-1957 Mar 06 j 02:03	17°☾22'06					-1955 Sep 26 j 00:23	0°♏			
	-1957 Mar 17 j 00:25	0°♊					-1955 Oct 22 j 08:17	0°♐			
	-1957 Apr 11 j 14:08	0°♋				evening max el	-1955 Nov 07 j 14:16	17°♐20'09	47°25'06		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1955 Nov 20 j 14:43	0°☾		max. Earth dist.	-1952 Jun 05 j 21:51	26°☾18'54	1.73392 AU
asc. node	-1955 Dec 11 j 21:25	16°☾12'47			-1952 Jun 08 j 21:38	0°☿	
greatest brilliancy	-1955 Dec 14 j 23:50	17°☾49'21	-4.7m				
retrograde	-1955 Dec 28 j 15:55	21°☾17'50		superior conj	-1952 Jun 09 j 03:55	0°☿19'22	0°26'35
evening set	-1954 Jan 14 j 04:43	15°☾50'01		minimum elong	-1952 Jun 08 j 22:52	0°☿03'49	0°26'24
min. Earth dist.	-1954 Jan 17 j 13:46	13°☾44'29	0.27826 AU		-1952 Jul 03 j 04:20	0°☿	
inferior conj	-1954 Jan 18 j 14:41	13°☾05'01	7°36'46	evening rise	-1952 Jul 14 j 21:37	14°☿31'55	
minimum elong	-1954 Jan 18 j 06:47	13°☾17'32	7°35'39		-1952 Jul 27 j 08:35	0°☿	
morning rise	-1954 Jan 22 j 09:23	10°☾44'14			-1952 Aug 20 j 11:51	0°☿	
direct	-1954 Feb 08 j 10:36	5°☾06'38			-1952 Sep 13 j 15:56	0°☿	
greatest brilliancy	-1954 Feb 18 j 23:25	7°☾09'45	-4.6m	desc. node	-1952 Sep 17 j 08:50	4°☿35'12	
	-1954 Mar 23 j 14:02	0°☿			-1952 Oct 07 j 22:31	0°☿	
morning max el	-1954 Mar 29 j 11:14	5°☿31'31	45°57'59		-1952 Nov 01 j 09:47	0°☿	
desc. node	-1954 Apr 02 j 13:43	9°☿31'09			-1952 Nov 26 j 06:25	0°☿	
	-1954 Apr 22 j 09:15	0°☿			-1952 Dec 22 j 00:08	0°☿	
	-1954 May 19 j 10:43	0°☿		asc. node	-1951 Jan 08 j 09:24	19°☿05'57	
	-1954 Jun 14 j 08:14	0°☿		evening max el	-1951 Jan 17 j 13:15	28°☿31'50	46°14'48
	-1954 Jul 09 j 12:06	0°☿			-1951 Jan 19 j 00:45	0°☿	
asc. node	-1954 Jul 24 j 14:50	18°☿21'32		greatest brilliancy	-1951 Feb 21 j 11:03	26°☿23'59	-4.5m
	-1954 Aug 03 j 02:35	0°☿			-1951 Mar 04 j 04:44	0°☿	
	-1954 Aug 27 j 06:57	0°☿		retrograde	-1951 Mar 08 j 06:53	0°☿19'36	
greatest brilliancy	-1954 Sep 01 j 12:34	6°☿32'40	-3.9m		-1951 Mar 12 j 07:12	30°☿☿	
	-1954 Sep 20 j 04:51	0°☿		evening set	-1951 Mar 25 j 03:29	24°☿50'13	
morning set	-1954 Sep 22 j 19:43	3°☿17'55		inferior conj	-1951 Mar 29 j 17:22	21°☿59'53	6°22'08
	-1954 Oct 13 j 23:57	0°☿		minimum elong	-1951 Mar 30 j 02:28	21°☿45'27	6°20'27
				min. Earth dist.	-1951 Mar 29 j 23:54	21°☿49'30	0.29143 AU
superior conj	-1954 Nov 02 j 05:32	24°☿15'15	0°25'42	morning rise	-1951 Apr 04 j 01:28	18°☿42'32	
minimum elong	-1954 Nov 02 j 12:09	24°☿36'07	0°25'22	direct	-1951 Apr 20 j 07:18	13°☿37'20	
max. Earth dist.	-1954 Nov 04 j 11:25	27°☿04'58	1.70957 AU	desc. node	-1951 Apr 30 j 01:14	15°☿20'06	
	-1954 Nov 06 j 19:01	0°☿		greatest brilliancy	-1951 May 03 j 07:54	16°☿35'30	-4.5m
desc. node	-1954 Nov 13 j 06:40	8°☿09'48			-1951 May 24 j 02:02	0°☿	
	-1954 Nov 30 j 15:43	0°☿		morning max el	-1951 Jun 08 j 03:16	13°☿22'41	45°48'28
evening rise	-1954 Dec 14 j 11:45	17°☿19'59			-1951 Jun 24 j 16:09	0°☿	
	-1954 Dec 24 j 14:58	0°☿			-1951 Jul 21 j 23:19	0°☿	
	-1953 Jan 17 j 17:47	0°☿			-1951 Aug 16 j 14:57	0°☿	
	-1953 Feb 11 j 01:59	0°☿		asc. node	-1951 Aug 21 j 02:40	5°☿22'52	
asc. node	-1953 Mar 06 j 07:18	28°☿14'35			-1951 Sep 10 j 08:16	0°☿	
	-1953 Mar 07 j 18:17	0°☿			-1951 Oct 04 j 12:29	0°☿	
	-1953 Apr 01 j 22:33	0°☿			-1951 Oct 28 j 10:20	0°☿	
	-1953 Apr 27 j 21:10	0°☿			-1951 Nov 21 j 06:41	0°☿	
	-1953 May 25 j 05:18	0°☿		morning set	-1951 Dec 08 j 06:18	21°☿19'43	
evening max el	-1953 Jun 12 j 03:18	18°☿04'19	45°39'01	desc. node	-1951 Dec 10 j 18:33	24°☿28'41	
	-1953 Jun 25 j 08:38	0°☿			-1951 Dec 15 j 04:16	0°☿	
desc. node	-1953 Jun 25 j 22:59	0°☿29'55			-1950 Jan 08 j 04:10	0°☿	
greatest brilliancy	-1953 Jul 20 j 07:18	15°☿59'08	-4.5m				
retrograde	-1953 Jul 31 j 03:12	18°☿05'23		superior conj	-1950 Jan 19 j 00:13	13°☿30'15	-1°-15'-3
evening set	-1953 Aug 18 j 02:31	12°☿08'58		minimum elong	-1950 Jan 18 j 15:00	13°☿01'34	1°14'54
inferior conj	-1953 Aug 21 j 03:31	10°☿19'07	-8°-51'-56	max. Earth dist.	-1950 Jan 23 j 00:43	18°☿30'26	1.72161 AU
minimum elong	-1953 Aug 21 j 02:41	10°☿20'23	8°51'54		-1950 Feb 01 j 06:44	0°☿	
min. Earth dist.	-1953 Aug 21 j 17:16	9°☿58'09	0.27581 AU		-1950 Feb 25 j 12:23	0°☿	
morning rise	-1953 Aug 24 j 02:39	8°☿31'29		evening rise	-1950 Feb 27 j 11:20	2°☿24'46	
direct	-1953 Sep 11 j 03:08	2°☿24'29			-1950 Mar 21 j 21:51	0°☿	
greatest brilliancy	-1953 Sep 25 j 01:55	5°☿55'45	-4.6m	asc. node	-1950 Apr 02 j 19:17	14°☿32'33	
asc. node	-1953 Oct 16 j 23:57	21°☿28'14			-1950 Apr 15 j 11:52	0°☿	
	-1953 Oct 26 j 03:08	0°☿			-1950 May 10 j 07:16	0°☿	
morning max el	-1953 Oct 31 j 20:25	5°☿43'41	46°52'58		-1950 Jun 04 j 09:42	0°☿	
	-1953 Nov 23 j 05:49	0°☿			-1950 Jun 29 j 23:02	0°☿	
	-1953 Dec 19 j 01:18	0°☿		desc. node	-1950 Jul 23 j 10:49	26°☿46'40	
	-1952 Jan 13 j 03:08	0°☿			-1950 Jul 26 j 08:20	0°☿	
desc. node	-1952 Feb 05 j 16:18	28°☿27'27			-1950 Aug 23 j 15:37	0°☿	
	-1952 Feb 06 j 22:51	0°☿		evening max el	-1950 Aug 24 j 17:36	1°☿04'19	47°00'20
	-1952 Mar 02 j 16:19	0°☿			-1950 Sep 30 j 12:09	0°☿	
	-1952 Mar 27 j 08:27	0°☿		greatest brilliancy	-1950 Oct 03 j 01:41	1°☿05'47	-4.7m
	-1952 Apr 20 j 23:10	0°☿		retrograde	-1950 Oct 14 j 02:03	3°☿21'50	
morning set	-1952 May 04 j 02:31	16°☿03'25			-1950 Oct 26 j 23:52	30°☿☿	
	-1952 May 15 j 11:48	0°☿		evening set	-1950 Oct 28 j 20:23	29°☿02'06	
asc. node	-1952 May 28 j 17:06	16°☿13'37		inferior conj	-1950 Nov 03 j 14:12	25°☿40'06	-2°-32'-1

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

minimum elong	-1950 Nov 03 j 19:49	25° ♁ 31'34	2°30'18			-1947 Apr 05 j 15:39	0° Υ	
min. Earth dist.	-1950 Nov 03 j 13:12	25° ♁ 41'37	0.26335 AU	asc. node		-1947 Apr 30 j 07:16	0° ♁ 15'25	
morning rise	-1950 Nov 09 j 19:19	22° ♁ 03'47				-1947 Apr 30 j 02:14	0° ♁	
asc. node	-1950 Nov 13 j 11:38	20° ♁ 18'45		evening rise		-1947 May 07 j 06:39	8° ♁ 48'44	
direct	-1950 Nov 23 j 20:37	18° ♁ 05'21				-1947 May 24 j 13:22	0° ♁	
greatest brilliancy	-1950 Dec 05 j 18:27	20° ♁ 45'55	-4.7m			-1947 Jun 18 j 01:03	0° ♁	
	-1950 Dec 20 j 22:38	0° ♁				-1947 Jul 12 j 14:10	0° ♁	
morning max el	-1949 Jan 13 j 04:20	20° ♁ 52'53	46°38'40			-1947 Aug 06 j 06:38	0° ♁	
	-1949 Jan 22 j 01:47	0° ♁		desc. node		-1947 Aug 19 j 22:51	16° ♁ 29'57	
	-1949 Feb 18 j 11:22	0° ♁				-1947 Aug 31 j 05:20	0° ♁	
desc. node	-1949 Mar 05 j 04:07	16° ♁ 46'53				-1947 Sep 25 j 15:30	0° ♁	
	-1949 Mar 16 j 13:57	0° ♁				-1947 Oct 22 j 02:48	0° ♁	
	-1949 Apr 11 j 02:31	0° ♁		evening max el		-1947 Nov 05 j 04:51	14° ♁ 56'53	47°26'01
	-1949 May 06 j 06:24	0° ♁				-1947 Nov 20 j 20:58	0° ♁	
	-1949 May 31 j 03:13	0° ♁		asc. node		-1947 Dec 10 j 23:40	14° ♁ 38'26	
asc. node	-1949 Jun 24 j 17:07	0° ♁		greatest brilliancy		-1947 Dec 12 j 18:06	15° ♁ 31'22	-4.7m
morning set	-1949 Jun 26 j 05:06	1° ♁ 50'31		retrograde		-1947 Dec 26 j 06:39	18° ♁ 56'00	
	-1949 Jul 11 j 08:43	20° ♁ 31'20		evening set		-1946 Jan 11 j 16:19	13° ♁ 34'00	
	-1949 Jul 19 j 00:19	0° ♁		min. Earth dist.		-1946 Jan 15 j 04:20	11° ♁ 24'10	0.27751 AU
	-1949 Aug 12 j 01:58	0° ♁		inferior conj		-1946 Jan 16 j 05:24	10° ♁ 44'26	7°27'03
max. Earth dist.	-1949 Aug 13 j 16:39	2° ♁ 00'58	1.71842 AU	minimum elong		-1946 Jan 15 j 21:03	10° ♁ 57'41	7°25'46
				morning rise		-1946 Jan 20 j 02:18	8° ♁ 20'16	
superior conj	-1949 Aug 17 j 08:03	6° ♁ 34'29	1°23'51	direct		-1946 Feb 06 j 00:12	2° ♁ 47'22	
minimum elong	-1949 Aug 17 j 06:07	6° ♁ 28'26	1°23'53	greatest brilliancy		-1946 Feb 16 j 12:55	4° ♁ 49'58	-4.6m
	-1949 Sep 05 j 00:13	0° ♁				-1946 Mar 23 j 15:31	0° ♁	
evening rise	-1949 Sep 25 j 02:58	25° ♁ 15'48		morning max el		-1946 Mar 27 j 00:33	3° ♁ 12'16	45°59'02
	-1949 Sep 28 j 21:28	0° ♁		desc. node		-1946 Apr 01 j 15:44	8° ♁ 43'03	
desc. node	-1949 Oct 15 j 20:49	21° ♁ 17'43				-1946 Apr 22 j 02:06	0° ♁	
	-1949 Oct 22 j 19:32	0° ♁				-1946 May 19 j 00:42	0° ♁	
	-1949 Nov 15 j 19:38	0° ♁				-1946 Jun 13 j 20:51	0° ♁	
	-1949 Dec 09 j 23:15	0° ♁				-1946 Jul 09 j 00:01	0° ♁	
	-1948 Jan 03 j 09:24	0° ♁		asc. node		-1946 Jul 23 j 16:54	17° ♁ 52'14	
	-1948 Jan 28 j 07:52	0° ♁				-1946 Aug 02 j 14:07	0° ♁	
asc. node	-1948 Feb 05 j 21:18	10° ♁ 04'34				-1946 Aug 26 j 18:17	0° ♁	
	-1948 Feb 23 j 05:35	0° ♁		greatest brilliancy		-1946 Sep 02 j 21:10	8° ♁ 54'26	-3.9m
	-1948 Mar 22 j 04:20	0° ♁				-1946 Sep 19 j 16:07	0° ♁	
evening max el	-1948 Mar 29 j 11:42	7° ♁ 11'10	45°15'26	morning set		-1946 Sep 20 j 08:52	0° ♁ 52'44	
	-1948 Apr 26 j 19:25	0° ♁				-1946 Oct 13 j 11:12	0° ♁	
greatest brilliancy	-1948 May 02 j 21:51	3° ♁ 12'02	-4.5m					
retrograde	-1948 May 16 j 18:41	6° ♁ 31'19		superior conj		-1946 Oct 30 j 15:27	21° ♁ 39'48	0°29'26
desc. node	-1948 May 27 j 13:14	4° ♁ 15'39		minimum elong		-1946 Oct 30 j 22:54	22° ♁ 03'17	0°29'05
evening set	-1948 May 31 j 17:26	2° ♁ 15'35		max. Earth dist.		-1946 Nov 01 j 13:40	24° ♁ 05'22	1.70950 AU
	-1948 Jun 04 j 15:28	30° ♁				-1946 Nov 06 j 06:18	0° ♁	
inferior conj	-1948 Jun 07 j 04:08	28° ♁ 26'36	-2°-27'00	desc. node		-1946 Nov 12 j 08:50	7° ♁ 41'05	
minimum elong	-1948 Jun 06 j 22:52	28° ♁ 34'46	2°25'30			-1946 Nov 30 j 03:03	0° ♁	
min. Earth dist.	-1948 Jun 07 j 11:45	28° ♁ 14'47	0.28762 AU	evening rise		-1946 Dec 11 j 21:29	14° ♁ 44'43	
morning rise	-1948 Jun 13 j 03:55	24° ♁ 51'36				-1946 Dec 24 j 02:22	0° ♁	
direct	-1948 Jun 28 j 21:15	20° ♁ 10'57				-1945 Jan 17 j 05:16	0° ♁	
greatest brilliancy	-1948 Jul 13 j 07:31	23° ♁ 49'04	-4.5m			-1945 Feb 10 j 13:39	0° ♁	
	-1948 Jul 23 j 18:55	0° ♁		asc. node		-1945 Mar 05 j 09:19	27° ♁ 44'23	
morning max el	-1948 Aug 17 j 11:14	21° ♁ 12'00	46°18'49			-1945 Mar 07 j 06:21	0° ♁	
	-1948 Aug 26 j 03:40	0° ♁				-1945 Apr 01 j 11:26	0° ♁	
asc. node	-1948 Sep 17 j 14:25	24° ♁ 36'27				-1945 Apr 27 j 11:45	0° ♁	
	-1948 Sep 22 j 07:06	0° ♁				-1945 May 24 j 23:47	0° ♁	
	-1948 Oct 17 j 14:07	0° ♁		evening max el		-1945 Jun 09 j 16:27	15° ♁ 44'21	45°36'51
	-1948 Nov 11 j 02:12	0° ♁		desc. node		-1945 Jun 25 j 01:09	29° ♁ 25'42	
	-1948 Dec 05 j 07:06	0° ♁				-1945 Jun 25 j 18:07	0° ♁	
	-1948 Dec 29 j 10:42	0° ♁		greatest brilliancy		-1945 Jul 17 j 17:46	13° ♁ 35'26	-4.5m
desc. node	-1947 Jan 07 j 06:36	10° ♁ 57'23		retrograde		-1945 Jul 28 j 16:22	15° ♁ 44'24	
	-1947 Jan 22 j 15:26	0° ♁		evening set		-1945 Aug 15 j 14:02	9° ♁ 49'54	
	-1947 Feb 15 j 21:54	0° ♁		inferior conj		-1945 Aug 18 j 17:00	7° ♁ 57'21	-8°-50'-1
morning set	-1947 Feb 21 j 22:25	7° ♁ 25'42		minimum elong		-1945 Aug 18 j 15:15	8° ♁ 00'01	8°49'58
	-1947 Mar 12 j 06:04	0° ♁		min. Earth dist.		-1945 Aug 19 j 06:28	7° ♁ 36'51	0.27635 AU
				morning rise		-1945 Aug 21 j 16:15	6° ♁ 09'42	
superior conj	-1947 Mar 31 j 16:32	23° ♁ 54'07	-1°-2'-5	direct		-1945 Sep 08 j 17:02	0° ♁ 01'33	
minimum elong	-1947 Apr 01 j 01:38	24° ♁ 22'04	1°01'49	greatest brilliancy		-1945 Sep 22 j 18:25	3° ♁ 35'45	-4.6m
max. Earth dist.	-1947 Apr 01 j 17:36	25° ♁ 11'06	1.73533 AU	asc. node		-1945 Oct 16 j 02:02	20° ♁ 24'30	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1945 Oct 26 j 03:44	0° $\mathring{\text{M}}$					-1942 Jun 29 j 13:04	0° $\mathring{\text{Q}}$	
morning max el	-1945 Oct 29 j 10:38	3° $\mathring{\text{M}}$ 19'17	46°52'43	desc. node	-1942 Jul 22 j 12:52	26° $\mathring{\text{Q}}$ 06'50			
	-1945 Nov 22 j 22:53	0° $\mathring{\text{A}}$			-1942 Jul 26 j 01:07	0° $\mathring{\text{M}}$			
	-1945 Dec 18 j 15:45	0° $\mathring{\text{M}}$		evening max el	-1942 Aug 22 j 07:59	28° $\mathring{\text{M}}$ 42'29	46°57'42		
	-1944 Jan 12 j 16:16	0° $\mathring{\text{A}}$			-1942 Aug 23 j 15:37	0° $\mathring{\text{A}}$			
desc. node	-1944 Feb 04 j 18:20	27° $\mathring{\text{A}}$ 56'02		greatest brilliancy	-1942 Sep 30 j 15:08	28° $\mathring{\text{A}}$ 36'35	-4.7m		
	-1944 Feb 06 j 11:13	0° $\mathring{\text{Z}}$			-1942 Oct 04 j 23:30	0° $\mathring{\text{M}}$			
	-1944 Mar 02 j 04:08	0° $\mathring{\approx}$		retrograde	-1942 Oct 11 j 14:24	0° $\mathring{\text{M}}$ 50'41			
	-1944 Mar 26 j 19:53	0° $\mathring{\text{H}}$			-1942 Oct 18 j 00:09	30° $\mathring{\text{R}}$ $\mathring{\text{A}}$			
	-1944 Apr 20 j 10:19	0° $\mathring{\text{Y}}$		evening set	-1942 Oct 26 j 10:35	26° $\mathring{\text{A}}$ 28'37			
morning set	-1944 May 01 j 21:00	13° $\mathring{\text{Y}}$ 59'15		inferior conj	-1942 Nov 01 j 02:07	23° $\mathring{\text{A}}$ 09'32	-2°-55'-41		
	-1944 May 14 j 22:49	0° $\mathring{\text{B}}$		minimum elong	-1942 Nov 01 j 08:31	22° $\mathring{\text{A}}$ 59'48	2°53'45		
asc. node	-1944 May 27 j 19:19	15° $\mathring{\text{B}}$ 46'41		min. Earth dist.	-1942 Nov 01 j 02:20	23° $\mathring{\text{A}}$ 09'12	0.26338 AU		
max. Earth dist.	-1944 Jun 03 j 20:54	24° $\mathring{\text{B}}$ 28'18	1.73428 AU	morning rise	-1942 Nov 07 j 06:34	19° $\mathring{\text{A}}$ 34'13			
				asc. node	-1942 Nov 12 j 13:54	17° $\mathring{\text{A}}$ 11'20			
superior conj	-1944 Jun 06 j 22:32	28° $\mathring{\text{B}}$ 15'02	0°23'38	direct	-1942 Nov 21 j 09:18	15° $\mathring{\text{A}}$ 35'01			
minimum elong	-1944 Jun 06 j 18:00	28° $\mathring{\text{B}}$ 01'04	0°23'27	greatest brilliancy	-1942 Dec 03 j 07:26	18° $\mathring{\text{A}}$ 16'13	-4.7m		
	-1944 Jun 08 j 08:37	0° $\mathring{\text{H}}$			-1942 Dec 21 j 15:05	0° $\mathring{\text{M}}$			
	-1944 Jul 02 j 15:25	0° $\mathring{\text{G}}$		morning max el	-1941 Jan 10 j 18:01	18° $\mathring{\text{M}}$ 28'44	46°40'01		
evening rise	-1944 Jul 12 j 15:43	12° $\mathring{\text{G}}$ 24'37			-1941 Jan 21 j 21:49	0° $\mathring{\text{A}}$			
	-1944 Jul 26 j 19:51	0° $\mathring{\text{Q}}$			-1941 Feb 18 j 02:44	0° $\mathring{\text{Z}}$			
	-1944 Aug 19 j 23:23	0° $\mathring{\text{M}}$		desc. node	-1941 Mar 04 j 06:12	16° $\mathring{\text{Z}}$ 12'15			
	-1944 Sep 13 j 03:48	0° $\mathring{\text{A}}$			-1941 Mar 16 j 03:16	0° $\mathring{\approx}$			
desc. node	-1944 Sep 16 j 10:51	4° $\mathring{\text{A}}$ 04'36			-1941 Apr 10 j 14:43	0° $\mathring{\text{H}}$			
	-1944 Oct 07 j 10:48	0° $\mathring{\text{M}}$			-1941 May 05 j 17:59	0° $\mathring{\text{Y}}$			
	-1944 Oct 31 j 22:40	0° $\mathring{\text{A}}$			-1941 May 30 j 14:25	0° $\mathring{\text{B}}$			
	-1944 Nov 25 j 20:19	0° $\mathring{\text{Z}}$			-1941 Jun 24 j 04:06	0° $\mathring{\text{H}}$			
	-1944 Dec 21 j 16:11	0° $\mathring{\approx}$		asc. node	-1941 Jun 25 j 07:10	1° $\mathring{\text{H}}$ 23'07			
asc. node	-1943 Jan 07 j 11:27	18° $\mathring{\approx}$ 21'07		morning set	-1941 Jul 09 j 02:10	18° $\mathring{\text{H}}$ 23'09			
evening max el	-1943 Jan 15 j 05:00	26° $\mathring{\approx}$ 17'22	46°17'41		-1941 Jul 18 j 11:13	0° $\mathring{\text{G}}$			
	-1943 Jan 18 j 23:20	0° $\mathring{\text{H}}$		max. Earth dist.	-1941 Aug 11 j 03:22	29° $\mathring{\text{G}}$ 30'13	1.71901 AU		
greatest brilliancy	-1943 Feb 19 j 03:07	24° $\mathring{\text{H}}$ 13'29	-4.5m		-1941 Aug 11 j 12:54	0° $\mathring{\text{Q}}$			
retrograde	-1943 Mar 06 j 00:27	28° $\mathring{\text{H}}$ 10'44							
evening set	-1943 Mar 22 j 22:50	22° $\mathring{\text{H}}$ 37'07		superior conj	-1941 Aug 14 j 23:50	4° $\mathring{\text{Q}}$ 19'25	1°23'26		
inferior conj	-1943 Mar 27 j 10:11	19° $\mathring{\text{H}}$ 50'28	6°34'24	minimum elong	-1941 Aug 14 j 21:11	4° $\mathring{\text{Q}}$ 11'06	1°23'27		
minimum elong	-1943 Mar 27 j 19:10	19° $\mathring{\text{H}}$ 36'14	6°32'49		-1941 Sep 04 j 11:15	0° $\mathring{\text{M}}$			
min. Earth dist.	-1943 Mar 27 j 15:42	19° $\mathring{\text{H}}$ 41'43	0.29136 AU	evening rise	-1941 Sep 22 j 14:36	22° $\mathring{\text{M}}$ 46'34			
morning rise	-1943 Apr 01 j 15:36	16° $\mathring{\text{H}}$ 37'15			-1941 Sep 28 j 08:40	0° $\mathring{\text{A}}$			
direct	-1943 Apr 17 j 23:53	11° $\mathring{\text{H}}$ 28'04		desc. node	-1941 Oct 14 j 22:58	20° $\mathring{\text{A}}$ 49'02			
desc. node	-1943 Apr 29 j 03:26	13° $\mathring{\text{H}}$ 41'18			-1941 Oct 22 j 06:55	0° $\mathring{\text{M}}$			
greatest brilliancy	-1943 Apr 30 j 22:40	14° $\mathring{\text{H}}$ 24'52	-4.5m		-1941 Nov 15 j 07:13	0° $\mathring{\text{A}}$			
	-1943 May 24 j 08:47	0° $\mathring{\text{Y}}$			-1941 Dec 09 j 11:05	0° $\mathring{\text{Z}}$			
morning max el	-1943 Jun 05 j 20:40	11° $\mathring{\text{Y}}$ 16'00	45°48'01		-1940 Jan 02 j 21:38	0° $\mathring{\approx}$			
	-1943 Jun 24 j 09:48	0° $\mathring{\text{B}}$			-1940 Jan 27 j 20:56	0° $\mathring{\text{H}}$			
	-1943 Jul 21 j 13:35	0° $\mathring{\text{H}}$		asc. node	-1940 Feb 04 j 23:22	9° $\mathring{\text{H}}$ 31'15			
	-1943 Aug 16 j 03:47	0° $\mathring{\text{G}}$			-1940 Feb 22 j 20:27	0° $\mathring{\text{Y}}$			
asc. node	-1943 Aug 20 j 04:44	4° $\mathring{\text{G}}$ 50'56			-1940 Mar 22 j 00:18	0° $\mathring{\text{B}}$			
	-1943 Sep 09 j 20:23	0° $\mathring{\text{Q}}$		evening max el	-1940 Mar 27 j 03:17	5° $\mathring{\text{B}}$ 00'26	45°16'12		
	-1943 Oct 04 j 00:13	0° $\mathring{\text{M}}$			-1940 Apr 28 j 08:54	0° $\mathring{\text{H}}$			
	-1943 Oct 27 j 21:52	0° $\mathring{\text{A}}$		greatest brilliancy	-1940 Apr 30 j 12:56	1° $\mathring{\text{H}}$ 02'26	-4.5m		
	-1943 Nov 20 j 18:05	0° $\mathring{\text{M}}$		retrograde	-1940 May 14 j 10:03	4° $\mathring{\text{H}}$ 22'43			
morning set	-1943 Dec 05 j 16:11	18° $\mathring{\text{M}}$ 44'43		desc. node	-1940 May 26 j 15:22	1° $\mathring{\text{H}}$ 29'38			
desc. node	-1943 Dec 09 j 20:46	24° $\mathring{\text{M}}$ 00'12		evening set	-1940 May 29 j 09:13	0° $\mathring{\text{H}}$ 07'19			
	-1943 Dec 14 j 15:33	0° $\mathring{\text{A}}$			-1940 May 29 j 14:38	30° $\mathring{\text{R}}$ $\mathring{\text{B}}$			
	-1942 Jan 07 j 15:18	0° $\mathring{\text{Z}}$		inferior conj	-1940 Jun 04 j 20:20	26° $\mathring{\text{B}}$ 17'38	-2°-7'-50		
				minimum elong	-1940 Jun 04 j 15:43	26° $\mathring{\text{B}}$ 24'47	2°06'29		
superior conj	-1942 Jan 16 j 12:07	11° $\mathring{\text{Z}}$ 03'19	-1°-13'-15	min. Earth dist.	-1940 Jun 05 j 04:31	26° $\mathring{\text{B}}$ 04'55	0.28789 AU		
minimum elong	-1942 Jan 16 j 02:19	10° $\mathring{\text{Z}}$ 32'47	1°13'04	morning rise	-1940 Jun 10 j 21:46	22° $\mathring{\text{B}}$ 39'48			
max. Earth dist.	-1942 Jan 20 j 14:09	16° $\mathring{\text{Z}}$ 08'30	1.72105 AU	direct	-1940 Jun 26 j 13:24	18° $\mathring{\text{B}}$ 01'28			
	-1942 Jan 31 j 17:46	0° $\mathring{\approx}$		greatest brilliancy	-1940 Jul 10 j 22:52	21° $\mathring{\text{B}}$ 37'45	-4.5m		
	-1942 Feb 24 j 23:25	0° $\mathring{\text{H}}$			-1940 Jul 24 j 11:46	0° $\mathring{\text{H}}$			
evening rise	-1942 Feb 25 j 02:18	0° $\mathring{\text{H}}$ 08'54		morning max el	-1940 Aug 15 j 01:34	18° $\mathring{\text{H}}$ 55'01	46°17'20		
	-1942 Mar 21 j 08:59	0° $\mathring{\text{Y}}$			-1940 Aug 25 j 22:42	0° $\mathring{\text{G}}$			
asc. node	-1942 Apr 01 j 21:24	14° $\mathring{\text{Y}}$ 04'49		asc. node	-1940 Sep 16 j 16:34	23° $\mathring{\text{G}}$ 58'36			
	-1942 Apr 14 j 23:14	0° $\mathring{\text{B}}$			-1940 Sep 21 j 21:58	0° $\mathring{\text{Q}}$			
	-1942 May 09 j 19:05	0° $\mathring{\text{H}}$			-1940 Oct 17 j 03:21	0° $\mathring{\text{M}}$			
	-1942 Jun 03 j 22:19	0° $\mathring{\text{G}}$			-1940 Nov 10 j 14:36	0° $\mathring{\text{A}}$			

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1940 Dec 04 j 19:00	0°♌				-1937 Jun 26 j 05:51	0°♌	
	-1940 Dec 28 j 22:14	0°♊			greatest brilliancy	-1937 Jul 15 j 03:11	11°♌12'57	-4.5m
desc. node	-1939 Jan 06 j 08:33	10°♊27'55			retrograde	-1937 Jul 26 j 06:06	13°♌25'46	
	-1939 Jan 22 j 02:41	0°♊			evening set	-1937 Aug 13 j 01:25	7°♌33'39	
	-1939 Feb 15 j 08:56	0°♊			inferior conj	-1937 Aug 16 j 06:44	5°♌37'45	-8°-47'-12
morning set	-1939 Feb 19 j 12:50	5°♊08'18			minimum elong	-1937 Aug 16 j 04:06	5°♌41'45	8°47'05
	-1939 Mar 11 j 16:55	0°♋			min. Earth dist.	-1937 Aug 16 j 19:28	5°♌18'24	0.27693 AU
					morning rise	-1937 Aug 19 j 06:35	3°♌49'22	
superior conj	-1939 Mar 29 j 09:57	21°♋47'08	-1°-4'-13			-1937 Aug 26 j 14:38	30°♌	
minimum elong	-1939 Mar 29 j 19:01	22°♋15'00	1°03'57		direct	-1937 Sep 06 j 07:53	27°♌40'56	
max. Earth dist.	-1939 Mar 30 j 13:56	23°♋13'09	1.73500 AU			-1937 Sep 17 j 12:02	0°♌	
	-1939 Apr 05 j 02:23	0°♋			greatest brilliancy	-1937 Sep 20 j 10:47	1°♌17'25	-4.6m
asc. node	-1939 Apr 29 j 09:30	29°♋49'24			asc. node	-1937 Oct 15 j 04:16	19°♌23'45	
	-1939 Apr 29 j 12:57	0°♌				-1937 Oct 26 j 02:50	0°♍	
evening rise	-1939 May 05 j 01:45	6°♌47'11			morning max el	-1937 Oct 27 j 01:44	0°♍58'18	46°52'05
	-1939 May 24 j 00:13	0°♍				-1937 Nov 22 j 15:21	0°♎	
	-1939 Jun 17 j 12:12	0°♎				-1937 Dec 18 j 05:49	0°♌	
	-1939 Jul 12 j 01:49	0°♌				-1936 Jan 12 j 05:05	0°♊	
	-1939 Aug 05 j 18:58	0°♍			desc. node	-1936 Feb 03 j 20:27	27°♊25'48	
desc. node	-1939 Aug 19 j 00:52	15°♍57'31				-1936 Feb 05 j 23:14	0°♊	
	-1939 Aug 30 j 18:41	0°♎				-1936 Mar 01 j 15:37	0°♋	
	-1939 Sep 25 j 06:34	0°♌				-1936 Mar 26 j 06:58	0°♋	
	-1939 Oct 21 j 21:31	0°♊				-1936 Apr 19 j 21:08	0°♋	
evening max el	-1939 Nov 02 j 18:43	12°♊32'34	47°26'57		morning set	-1936 Apr 29 j 15:33	11°♋56'16	
	-1939 Nov 21 j 05:11	0°♊				-1936 May 14 j 09:29	0°♌	
asc. node	-1939 Dec 10 j 01:42	13°♊01'00			asc. node	-1936 May 26 j 21:22	15°♌20'17	
greatest brilliancy	-1939 Dec 10 j 11:27	13°♊12'40	-4.7m		max. Earth dist.	-1936 Jun 01 j 20:07	22°♌39'15	1.73456 AU
retrograde	-1939 Dec 23 j 21:13	16°♊34'48						
evening set	-1938 Jan 09 j 03:48	11°♊18'17			superior conj	-1936 Jun 04 j 17:22	26°♌12'26	0°20'40
min. Earth dist.	-1938 Jan 12 j 19:00	9°♊04'01	0.27677 AU		minimum elong	-1936 Jun 04 j 13:22	26°♌00'06	0°20'30
inferior conj	-1938 Jan 13 j 20:03	8°♊24'23	7°16'30			-1936 Jun 07 j 19:15	0°♍	
minimum elong	-1938 Jan 13 j 11:18	8°♊38'14	7°15'02			-1936 Jul 02 j 02:07	0°♎	
morning rise	-1938 Jan 17 j 19:18	5°♊56'44			evening rise	-1936 Jul 10 j 10:11	10°♎19'46	
direct	-1938 Feb 03 j 13:24	0°♊28'21				-1936 Jul 26 j 06:43	0°♌	
greatest brilliancy	-1938 Feb 14 j 03:19	2°♊31'44	-4.6m			-1936 Aug 19 j 10:31	0°♍	
	-1938 Mar 23 j 15:25	0°♋				-1936 Sep 12 j 15:19	0°♎	
morning max el	-1938 Mar 24 j 14:21	0°♋54'57	46°00'20		desc. node	-1936 Sep 15 j 13:03	3°♎35'37	
desc. node	-1938 Mar 31 j 17:52	7°♋56'54				-1936 Oct 06 j 22:50	0°♌	
	-1938 Apr 21 j 18:14	0°♋				-1936 Oct 31 j 11:23	0°♊	
	-1938 May 18 j 14:08	0°♋				-1936 Nov 25 j 10:09	0°♊	
	-1938 Jun 13 j 09:00	0°♌				-1936 Dec 21 j 08:21	0°♋	
	-1938 Jul 08 j 11:29	0°♍			asc. node	-1935 Jan 06 j 13:31	17°♋36'03	
asc. node	-1938 Jul 22 j 18:58	17°♍24'06			evening max el	-1935 Jan 12 j 21:16	24°♋04'24	46°20'38
	-1938 Aug 02 j 01:15	0°♎				-1935 Jan 18 j 22:44	0°♋	
	-1938 Aug 26 j 05:18	0°♌			greatest brilliancy	-1935 Feb 16 j 20:10	22°♋04'27	-4.5m
greatest brilliancy	-1938 Sep 04 j 01:56	11°♌05'24	-3.9m		retrograde	-1935 Mar 03 j 17:44	26°♋01'36	
morning set	-1938 Sep 17 j 21:58	28°♌28'16			evening set	-1935 Mar 20 j 18:00	20°♋24'00	
	-1938 Sep 19 j 03:07	0°♍			inferior conj	-1935 Mar 25 j 02:47	17°♋40'57	6°46'19
	-1938 Oct 12 j 22:12	0°♎			minimum elong	-1935 Mar 25 j 11:35	17°♋26'59	6°44'49
					min. Earth dist.	-1935 Mar 25 j 07:06	17°♋34'05	0.29122 AU
superior conj	-1938 Oct 28 j 01:06	19°♎04'14	0°33'08		morning rise	-1935 Mar 30 j 05:20	14°♋31'57	
minimum elong	-1938 Oct 28 j 09:19	19°♎30'09	0°32'45		direct	-1935 Apr 15 j 16:36	9°♋18'57	
max. Earth dist.	-1938 Oct 29 j 17:20	21°♎11'00	1.70946 AU		desc. node	-1935 Apr 28 j 05:35	12°♋06'08	
	-1938 Nov 05 j 17:19	0°♌			greatest brilliancy	-1935 Apr 28 j 12:03	12°♋12'57	-4.5m
desc. node	-1938 Nov 11 j 10:58	7°♌13'05				-1935 May 24 j 13:13	0°♋	
	-1938 Nov 29 j 14:06	0°♊			morning max el	-1935 Jun 03 j 13:40	9°♋09'10	45°47'40
evening rise	-1938 Dec 09 j 06:56	12°♊09'25				-1935 Jun 24 j 02:46	0°♌	
	-1938 Dec 23 j 13:28	0°♊				-1935 Jul 21 j 03:23	0°♍	
	-1937 Jan 16 j 16:28	0°♋				-1935 Aug 15 j 16:11	0°♎	
	-1937 Feb 10 j 01:01	0°♋			asc. node	-1935 Aug 19 j 06:52	4°♎20'27	
asc. node	-1937 Mar 04 j 11:29	27°♋15'33				-1935 Sep 09 j 08:06	0°♌	
	-1937 Mar 06 j 18:08	0°♋				-1935 Oct 03 j 11:35	0°♍	
	-1937 Apr 01 j 00:03	0°♌				-1935 Oct 27 j 09:04	0°♎	
	-1937 Apr 27 j 02:03	0°♍				-1935 Nov 20 j 05:12	0°♌	
	-1937 May 24 j 18:10	0°♎			morning set	-1935 Dec 03 j 01:52	16°♌09'43	
evening max el	-1937 Jun 07 j 06:39	13°♎28'45	45°34'55		desc. node	-1935 Dec 08 j 22:44	23°♌31'42	
desc. node	-1937 Jun 24 j 03:07	28°♎21'11				-1935 Dec 14 j 02:36	0°♊	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1934 Jan 07 j 02:17	0°☾		min. Earth dist.	-1932 Jun 02 j 21:12	23°☿54'12	0.28815 AU
				morning rise	-1932 Jun 08 j 15:22	20°☿27'37	
superior conj	-1934 Jan 13 j 23:18	8°☿34'29	-1°-11'-17	direct	-1932 Jun 24 j 05:03	15°☿51'06	
minimum elong	-1934 Jan 13 j 12:59	8°☿02'19	1°11'03	greatest brilliancy	-1932 Jul 08 j 15:01	19°☿27'04	-4.5m
max. Earth dist.	-1934 Jan 18 j 04:00	13°☿48'07	1.72050 AU		-1932 Jul 25 j 00:32	0°♁	
	-1934 Jan 31 j 04:40	0°♁		morning max el	-1932 Aug 12 j 15:59	16°♁38'07	46°15'58
evening rise	-1934 Feb 22 j 16:31	27°♁51'04			-1932 Aug 25 j 17:19	0°♂	
	-1934 Feb 24 j 10:18	0°♀		asc. node	-1932 Sep 15 j 18:41	23°♂20'54	
	-1934 Mar 20 j 19:57	0°♀			-1932 Sep 21 j 12:43	0°♁	
asc. node	-1934 Mar 31 j 23:34	13°♀37'47			-1932 Oct 16 j 16:30	0°♂	
	-1934 Apr 14 j 10:27	0°♂			-1932 Nov 10 j 02:56	0°♁	
	-1934 May 09 j 06:46	0°♁			-1932 Dec 04 j 06:50	0°♂	
	-1934 Jun 03 j 10:50	0°♂			-1932 Dec 28 j 09:42	0°♂	
	-1934 Jun 29 j 03:01	0°♁		desc. node	-1931 Jan 05 j 10:40	9°♂59'11	
desc. node	-1934 Jul 21 j 14:58	25°♁27'32			-1931 Jan 21 j 13:54	0°☾	
	-1934 Jul 25 j 17:56	0°♂			-1931 Feb 14 j 19:58	0°♁	
evening max el	-1934 Aug 19 j 21:59	26°♂20'47	46°55'07	morning set	-1931 Feb 17 j 03:03	2°♁50'04	
	-1934 Aug 23 j 16:18	0°♁			-1931 Mar 11 j 03:50	0°♀	
greatest brilliancy	-1934 Sep 28 j 05:18	26°♁09'51	-4.7m				
retrograde	-1934 Oct 09 j 02:20	28°♁21'13		superior conj	-1931 Mar 27 j 03:01	19°♀38'47	-1°-6'-17
evening set	-1934 Oct 24 j 01:09	23°♁56'41		minimum elong	-1931 Mar 27 j 12:00	20°♀06'22	1°06'02
inferior conj	-1934 Oct 29 j 14:16	20°♁40'46	-3°-18'-49	max. Earth dist.	-1931 Mar 28 j 08:18	21°♀08'45	1.73473 AU
minimum elong	-1934 Oct 29 j 21:24	20°♁29'53	3°16'41		-1931 Apr 04 j 13:14	0°♀	
min. Earth dist.	-1934 Oct 29 j 15:52	20°♁38'18	0.26346 AU	asc. node	-1931 Apr 28 j 11:29	29°♀22'12	
morning rise	-1934 Nov 04 j 17:44	17°♁06'29			-1931 Apr 28 j 23:49	0°♂	
asc. node	-1934 Nov 11 j 15:53	14°♁11'27		evening rise	-1931 May 02 j 20:23	4°♂43'46	
direct	-1934 Nov 18 j 21:53	13°♁06'20			-1931 May 23 j 11:14	0°♁	
greatest brilliancy	-1934 Nov 30 j 21:09	15°♁48'29	-4.7m		-1931 Jun 16 j 23:32	0°♂	
	-1934 Dec 22 j 03:01	0°♂			-1931 Jul 11 j 13:38	0°♁	
morning max el	-1933 Jan 08 j 06:49	16°♂02'38	46°40'59		-1931 Aug 05 j 07:31	0°♂	
	-1933 Jan 21 j 17:07	0°♂		desc. node	-1931 Aug 18 j 03:02	15°♂24'54	
	-1933 Feb 17 j 17:51	0°☾			-1931 Aug 30 j 08:18	0°♁	
desc. node	-1933 Mar 03 j 08:20	15°☾38'00			-1931 Sep 24 j 22:00	0°♂	
	-1933 Mar 15 j 16:29	0°♁			-1931 Oct 21 j 16:51	0°♂	
	-1933 Apr 10 j 02:53	0°♀		evening max el	-1931 Oct 31 j 08:47	10°♂08'30	47°27'59
	-1933 May 05 j 05:29	0°♀			-1931 Nov 21 j 16:23	0°☾	
	-1933 May 30 j 01:31	0°♂		greatest brilliancy	-1931 Dec 08 j 03:51	10°☾52'31	-4.7m
	-1933 Jun 23 j 15:00	0°♁		asc. node	-1931 Dec 09 j 03:45	11°☾19'52	
asc. node	-1933 Jun 24 j 09:11	0°♁55'49		retrograde	-1931 Dec 21 j 12:08	14°☾13'41	
morning set	-1933 Jul 06 j 19:27	16°♁14'43		evening set	-1930 Jan 06 j 15:16	9°☾02'15	
	-1933 Jul 17 j 22:03	0°♂		min. Earth dist.	-1930 Jan 10 j 09:27	6°☾44'03	0.27602 AU
max. Earth dist.	-1933 Aug 08 j 15:24	27°♂03'54	1.71959 AU	inferior conj	-1930 Jan 11 j 10:42	6°☾04'12	7°05'03
	-1933 Aug 10 j 23:45	0°♁		minimum elong	-1930 Jan 11 j 01:38	6°☾18'33	7°03'27
				morning rise	-1930 Jan 15 j 12:27	3°☾33'07	
superior conj	-1933 Aug 12 j 15:47	2°♁05'10	1°22'53		-1930 Jan 22 j 14:34	30°♀♂	
minimum elong	-1933 Aug 12 j 12:25	1°♁54'39	1°22'53	direct	-1930 Feb 01 j 02:42	28°♂09'06	
	-1933 Sep 03 j 22:13	0°♂			-1930 Feb 11 j 02:47	0°☾	
evening rise	-1933 Sep 20 j 02:41	20°♂19'09		greatest brilliancy	-1930 Feb 11 j 17:39	0°☾13'29	-4.6m
	-1933 Sep 27 j 19:45	0°♁		morning max el	-1930 Mar 22 j 04:58	28°☾39'21	46°01'27
desc. node	-1933 Oct 14 j 01:05	20°♁20'38			-1930 Mar 23 j 14:20	0°♁	
	-1933 Oct 21 j 18:09	0°♂		desc. node	-1930 Mar 30 j 20:01	7°♁11'14	
	-1933 Nov 14 j 18:38	0°♂			-1930 Apr 21 j 10:16	0°♀	
	-1933 Dec 08 j 22:47	0°☾			-1930 May 18 j 03:41	0°♀	
	-1932 Jan 02 j 09:50	0°♁			-1930 Jun 12 j 21:21	0°♂	
	-1932 Jan 27 j 10:04	0°♀			-1930 Jul 07 j 23:11	0°♁	
asc. node	-1932 Feb 04 j 01:30	8°♀57'57		asc. node	-1930 Jul 21 j 21:10	16°♁55'41	
	-1932 Feb 22 j 11:36	0°♀			-1930 Aug 01 j 12:37	0°♂	
	-1932 Mar 21 j 21:06	0°♂			-1930 Aug 25 j 16:31	0°♁	
evening max el	-1932 Mar 24 j 17:57	2°♂46'58	45°17'04	greatest brilliancy	-1930 Sep 04 j 20:39	12°♁44'14	-3.9m
greatest brilliancy	-1932 Apr 28 j 03:10	28°♂51'04	-4.5m	morning set	-1930 Sep 15 j 11:00	26°♁03'06	
	-1932 Apr 30 j 21:08	0°♁			-1930 Sep 18 j 14:18	0°♂	
retrograde	-1932 May 12 j 01:26	2°♁13'32			-1930 Oct 12 j 09:24	0°♁	
	-1932 May 22 j 18:22	30°♀♂					
desc. node	-1932 May 25 j 17:19	28°♂38'58		superior conj	-1930 Oct 25 j 10:45	16°♁27'59	0°36'46
evening set	-1932 May 27 j 00:57	27°♂57'54		minimum elong	-1930 Oct 25 j 19:40	16°♁56'03	0°36'22
inferior conj	-1932 Jun 02 j 12:22	24°♂07'56	-1°-48'-22	max. Earth dist.	-1930 Oct 26 j 23:21	18°♁23'19	1.70944 AU
minimum elong	-1932 Jun 02 j 08:26	24°♂14'03	1°47'13		-1930 Nov 05 j 04:33	0°♂	

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

desc. node	-1930 Nov 10 j 12:56	6°♄43'54			-1927 May 24 j 16:09	0°♃	
	-1930 Nov 29 j 01:23	0°♂		morning max el	-1927 Jun 01 j 05:51	6°♃59'52	45°47'14
evening rise	-1930 Dec 06 j 16:25	9°♂33'37			-1927 Jun 23 j 19:39	0°♂	
	-1930 Dec 23 j 00:46	0°♂			-1927 Jul 20 j 17:21	0°♂	
	-1929 Jan 16 j 03:49	0°♂			-1927 Aug 15 j 04:54	0°♂	
	-1929 Feb 09 j 12:33	0°♂		asc. node	-1927 Aug 18 j 09:00	3°♂48'51	
asc. node	-1929 Mar 03 j 13:36	26°♂46'06			-1927 Sep 08 j 20:11	0°♂	
	-1929 Mar 06 j 06:06	0°♃			-1927 Oct 02 j 23:20	0°♃	
	-1929 Mar 31 j 12:56	0°♂			-1927 Oct 26 j 20:39	0°♂	
	-1929 Apr 26 j 16:50	0°♂			-1927 Nov 19 j 16:40	0°♄	
	-1929 May 24 j 13:28	0°♂		morning set	-1927 Nov 30 j 11:26	13°♄33'18	
evening max el	-1929 Jun 04 j 21:34	11°♂13'50	45°32'52	desc. node	-1927 Dec 08 j 00:52	23°♄02'43	
desc. node	-1929 Jun 23 j 05:18	27°♂13'57			-1927 Dec 13 j 13:57	0°♂	
	-1929 Jun 26 j 22:19	0°♂			-1926 Jan 06 j 13:32	0°♂	
greatest brilliancy	-1929 Jul 12 j 12:56	8°♂49'37	-4.5m				
retrograde	-1929 Jul 23 j 19:47	11°♂05'34		superior conj	-1926 Jan 11 j 10:23	6°♂04'22	-1°-9'-9
evening set	-1929 Aug 10 j 12:21	5°♂16'40		minimum elong	-1926 Jan 10 j 23:39	5°♂30'54	1°08'55
inferior conj	-1929 Aug 13 j 20:18	3°♂16'44	-8°-43'-27	max. Earth dist.	-1926 Jan 15 j 18:42	11°♂29'24	1.71993 AU
minimum elong	-1929 Aug 13 j 16:50	3°♂22'01	8°43'16		-1926 Jan 30 j 15:51	0°♂	
min. Earth dist.	-1929 Aug 14 j 08:06	2°♂58'49	0.27746 AU	evening rise	-1926 Feb 20 j 06:43	25°♂32'13	
morning rise	-1929 Aug 16 j 21:10	1°♂26'55			-1926 Feb 23 j 21:28	0°♂	
	-1929 Aug 19 j 09:45	30°♂			-1926 Mar 20 j 07:12	0°♃	
direct	-1929 Sep 03 j 22:53	25°♂19'14		asc. node	-1926 Mar 31 j 01:35	13°♃09'26	
greatest brilliancy	-1929 Sep 18 j 01:54	28°♂56'23	-4.6m		-1926 Apr 13 j 21:55	0°♂	
	-1929 Sep 20 j 04:05	0°♂			-1926 May 08 j 18:43	0°♂	
asc. node	-1929 Oct 14 j 06:18	18°♂22'54			-1926 Jun 02 j 23:37	0°♂	
morning max el	-1929 Oct 24 j 16:35	28°♂35'54	46°51'25		-1926 Jun 28 j 17:23	0°♂	
	-1929 Oct 26 j 01:22	0°♃		desc. node	-1926 Jul 20 j 17:06	24°♂46'54	
	-1929 Nov 22 j 07:51	0°♂			-1926 Jul 25 j 11:29	0°♃	
	-1929 Dec 17 j 20:01	0°♄		evening max el	-1926 Aug 17 j 10:51	23°♃55'05	46°52'08
	-1928 Jan 11 j 18:05	0°♂			-1926 Aug 23 j 18:54	0°♂	
desc. node	-1928 Feb 02 j 22:35	26°♂54'57		greatest brilliancy	-1926 Sep 25 j 19:55	23°♂41'44	-4.7m
	-1928 Feb 05 j 11:28	0°♂		retrograde	-1926 Oct 06 j 13:31	25°♂49'44	
	-1928 Mar 01 j 03:17	0°♂		evening set	-1926 Oct 21 j 15:36	21°♂22'25	
	-1928 Mar 25 j 18:15	0°♂		inferior conj	-1926 Oct 27 j 02:11	18°♂10'04	-3°-41'-40
	-1928 Apr 19 j 08:10	0°♃		minimum elong	-1926 Oct 27 j 10:01	17°♂58'08	3°39'21
morning set	-1928 Apr 27 j 10:17	9°♃53'14		min. Earth dist.	-1926 Oct 27 j 05:32	18°♂04'57	0.26359 AU
	-1928 May 13 j 20:24	0°♂		morning rise	-1926 Nov 02 j 04:22	14°♂37'08	
asc. node	-1928 May 25 j 23:25	14°♂53'06		asc. node	-1926 Nov 10 j 17:59	11°♂14'59	
max. Earth dist.	-1928 May 30 j 18:42	20°♂47'27	1.73489 AU	direct	-1926 Nov 16 j 09:42	10°♂35'28	
				greatest brilliancy	-1926 Nov 28 j 11:41	13°♂19'56	-4.7m
superior conj	-1928 Jun 02 j 12:14	24°♂09'08	0°17'40		-1926 Dec 22 j 12:28	0°♄	
minimum elong	-1928 Jun 02 j 08:47	23°♂58'30	0°17'32	morning max el	-1925 Jan 05 j 18:41	13°♄32'46	46°42'12
	-1928 Jun 07 j 06:11	0°♂			-1925 Jan 21 j 12:15	0°♂	
	-1928 Jul 01 j 13:10	0°♂			-1925 Feb 17 j 09:02	0°♂	
evening rise	-1928 Jul 08 j 04:34	8°♂13'34		desc. node	-1925 Mar 02 j 10:24	15°♂03'03	
	-1928 Jul 25 j 17:57	0°♂			-1925 Mar 15 j 05:50	0°♂	
	-1928 Aug 18 j 22:03	0°♃			-1925 Apr 09 j 15:12	0°♂	
	-1928 Sep 12 j 03:14	0°♂			-1925 May 04 j 17:10	0°♃	
desc. node	-1928 Sep 14 j 15:05	3°♂04'58			-1925 May 29 j 12:48	0°♂	
	-1928 Oct 06 j 11:16	0°♄		asc. node	-1925 Jun 23 j 11:25	0°♂28'47	
	-1928 Oct 31 j 00:31	0°♂			-1925 Jun 23 j 02:03	0°♂	
	-1928 Nov 25 j 00:26	0°♂		morning set	-1925 Jul 04 j 13:13	14°♂07'24	
	-1928 Dec 21 j 01:07	0°♂			-1925 Jul 17 j 09:01	0°♂	
asc. node	-1927 Jan 05 j 15:44	16°♂49'48		max. Earth dist.	-1925 Aug 06 j 07:05	24°♂48'29	1.72024 AU
evening max el	-1927 Jan 10 j 13:44	21°♂50'54	46°23'37				
	-1927 Jan 18 j 23:35	0°♂		superior conj	-1925 Aug 10 j 08:08	29°♂51'42	1°22'12
greatest brilliancy	-1927 Feb 14 j 14:39	19°♂56'38	-4.5m	minimum elong	-1925 Aug 10 j 04:05	29°♂39'03	1°22'12
retrograde	-1927 Mar 01 j 10:54	23°♂52'01			-1925 Aug 10 j 10:47	0°♂	
evening set	-1927 Mar 18 j 13:21	18°♂10'50			-1925 Sep 03 j 09:24	0°♃	
inferior conj	-1927 Mar 22 j 19:34	15°♂31'14	6°57'32	evening rise	-1925 Sep 17 j 15:03	17°♃51'56	
minimum elong	-1927 Mar 23 j 04:10	15°♂17'35	6°56'10		-1925 Sep 27 j 07:08	0°♂	
min. Earth dist.	-1927 Mar 22 j 22:45	15°♂26'11	0.29103 AU	desc. node	-1925 Oct 13 j 03:04	19°♂50'55	
morning rise	-1927 Mar 27 j 19:11	12°♂26'23			-1925 Oct 21 j 05:43	0°♄	
direct	-1927 Apr 13 j 09:32	7°♂09'53			-1925 Nov 14 j 06:24	0°♂	
greatest brilliancy	-1927 Apr 26 j 00:48	9°♂59'56	-4.5m		-1925 Dec 08 j 10:50	0°♂	
desc. node	-1927 Apr 27 j 07:31	10°♂33'38			-1924 Jan 01 j 22:22	0°♂	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1924 Jan 26 j 23:32	0° H					-1922 Jun 12 j 09:33	0° B			
asc. node	-1924 Feb 03 j 03:36	8° H 23'38					-1922 Jul 07 j 10:45	0° II			
	-1924 Feb 22 j 03:09	0° Y				asc. node	-1922 Jul 20 j 23:11	16° II 27'06			
	-1924 Mar 21 j 18:49	0° B					-1922 Jul 31 j 23:51	0° B			
evening max el	-1924 Mar 22 j 08:35	0° B 33'09	45°18'12				-1922 Aug 25 j 03:36	0° B			
greatest brilliancy	-1924 Apr 25 j 16:49	26° B 39'07	-4.5m			greatest brilliancy	-1922 Sep 05 j 15:41	14° B 24'36	-3.9m		
	-1924 May 07 j 15:18	0° II				morning set	-1922 Sep 13 j 00:50	23° B 40'58			
retrograde	-1924 May 09 j 17:31	0° II 05'01					-1922 Sep 18 j 01:19	0° B			
	-1924 May 11 j 19:16	30° R B					-1922 Oct 11 j 20:25	0° B			
evening set	-1924 May 24 j 17:07	25° B 48'40									
desc. node	-1924 May 24 j 19:31	25° B 45'27				superior conj	-1922 Oct 22 j 21:06	13° B 54'24	0°40'16		
inferior conj	-1924 May 31 j 04:39	21° B 58'45	-1°-28'-51			minimum elong	-1922 Oct 23 j 06:35	14° B 24'17	0°39'50		
minimum elong	-1924 May 31 j 01:24	22° B 03'47	1°27'55			max. Earth dist.	-1922 Oct 24 j 08:06	15° B 44'43	1.70945 AU		
min. Earth dist.	-1924 May 31 j 13:56	21° B 44'20	0.28840 AU				-1922 Nov 04 j 15:38	0° B			
morning rise	-1924 Jun 06 j 09:06	18° B 16'23				desc. node	-1922 Nov 09 j 15:07	6° B 15'53			
direct	-1924 Jun 21 j 21:01	13° B 41'14					-1922 Nov 28 j 12:32	0° B			
greatest brilliancy	-1924 Jul 06 j 08:12	17° B 18'12	-4.5m			evening rise	-1922 Dec 04 j 02:04	6° B 58'33			
	-1924 Jul 25 j 09:55	0° II					-1922 Dec 22 j 11:59	0° B			
morning max el	-1924 Aug 10 j 07:18	14° II 23'48	46°14'39				-1921 Jan 15 j 15:08	0° \approx			
	-1924 Aug 25 j 11:27	0° B					-1921 Feb 09 j 00:05	0° H			
asc. node	-1924 Sep 14 j 20:45	22° B 43'15				asc. node	-1921 Mar 02 j 15:36	26° H 16'14			
	-1924 Sep 21 j 03:18	0° B					-1921 Mar 05 j 18:05	0° Y			
	-1924 Oct 16 j 05:40	0° B					-1921 Mar 31 j 01:51	0° B			
	-1924 Nov 09 j 15:23	0° B					-1921 Apr 26 j 07:41	0° II			
	-1924 Dec 03 j 18:50	0° B					-1921 May 24 j 09:10	0° B			
	-1924 Dec 27 j 21:23	0° B				evening max el	-1921 Jun 02 j 12:48	9° B 00'18	45°30'57		
desc. node	-1923 Jan 04 j 12:51	9° B 29'58				desc. node	-1921 Jun 22 j 07:25	26° B 05'29			
	-1923 Jan 21 j 01:19	0° B					-1921 Jun 27 j 19:55	0° B			
	-1923 Feb 14 j 07:09	0° \approx				greatest brilliancy	-1921 Jul 10 j 00:02	6° B 28'56	-4.5m		
morning set	-1923 Feb 14 j 16:42	0° \approx 29'29				retrograde	-1921 Jul 21 j 09:28	8° B 46'38			
	-1923 Mar 10 j 14:50	0° H				evening set	-1921 Aug 07 j 23:14	3° B 01'46			
						inferior conj	-1921 Aug 11 j 10:07	0° B 57'15	-8°-38'-52		
superior conj	-1923 Mar 24 j 19:51	17° H 29'23	-1°-8'-15			minimum elong	-1921 Aug 11 j 05:50	1° B 03'47	8°38'36		
minimum elong	-1923 Mar 25 j 04:42	17° H 56'36	1°08'02			min. Earth dist.	-1921 Aug 11 j 21:04	0° B 40'34	0.27794 AU		
max. Earth dist.	-1923 Mar 26 j 02:51	19° H 04'40	1.73441 AU				-1921 Aug 12 j 23:47	30° R B			
	-1923 Apr 04 j 00:09	0° Y				morning rise	-1921 Aug 14 j 12:16	29° B 05'22			
asc. node	-1923 Apr 27 j 13:34	28° Y 55'04				direct	-1921 Sep 01 j 13:58	22° B 59'14			
	-1923 Apr 28 j 10:45	0° B				greatest brilliancy	-1921 Sep 15 j 16:12	26° B 35'31	-4.6m		
evening rise	-1923 Apr 30 j 15:06	2° B 40'26					-1921 Sep 21 j 19:18	0° B			
greatest brilliancy	-1923 May 01 j 05:15	3° B 23'47	-3.9m			asc. node	-1921 Oct 13 j 08:22	17° B 24'27			
	-1923 May 22 j 22:19	0° II				morning max el	-1921 Oct 22 j 06:48	26° B 12'59	46°50'46		
	-1923 Jun 16 j 10:54	0° B					-1921 Oct 25 j 22:42	0° B			
	-1923 Jul 11 j 01:29	0° B					-1921 Nov 21 j 23:44	0° B			
	-1923 Aug 04 j 20:03	0° B					-1921 Dec 17 j 09:48	0° B			
desc. node	-1923 Aug 17 j 05:06	14° B 52'04					-1920 Jan 11 j 06:45	0° B			
	-1923 Aug 29 j 21:57	0° B				desc. node	-1920 Feb 02 j 00:35	26° B 24'28			
	-1923 Sep 24 j 13:34	0° B					-1920 Feb 04 j 23:27	0° B			
	-1923 Oct 21 j 12:47	0° B					-1920 Feb 29 j 14:46	0° \approx			
evening max el	-1923 Oct 28 j 23:23	7° B 45'39	47°28'36				-1920 Mar 25 j 05:22	0° H			
	-1923 Nov 22 j 07:41	0° B					-1920 Apr 18 j 19:02	0° Y			
greatest brilliancy	-1923 Dec 05 j 19:26	8° B 30'09	-4.7m			morning set	-1920 Apr 25 j 04:41	7° Y 49'39			
asc. node	-1923 Dec 08 j 05:59	9° B 33'56					-1920 May 13 j 07:08	0° B			
retrograde	-1923 Dec 19 j 03:10	11° B 50'55				asc. node	-1920 May 25 j 01:37	14° B 27'00			
evening set	-1922 Jan 04 j 02:22	6° B 44'27				max. Earth dist.	-1920 May 28 j 15:52	18° B 52'06	1.73515 AU		
min. Earth dist.	-1922 Jan 07 j 23:22	4° B 22'34	0.27530 AU								
inferior conj	-1922 Jan 09 j 01:00	3° B 42'16	6°52'37			superior conj	-1920 May 31 j 06:55	22° B 05'59	0°14'38		
minimum elong	-1922 Jan 08 j 15:38	3° B 57'00	6°50'52			minimum elong	-1920 May 31 j 04:02	21° B 57'08	0°14'32		
morning rise	-1922 Jan 13 j 05:26	1° B 07'42				behind sun begin	-1920 May 30 j 19:14	21° B 30'03			
	-1922 Jan 15 j 05:01	30° R B				behind sun end	-1920 May 31 j 12:51	22° B 24'14			
direct	-1922 Jan 29 j 16:12	25° B 48'08					-1920 Jun 06 j 16:53	0° II			
greatest brilliancy	-1922 Feb 09 j 07:25	27° B 53'19	-4.6m				-1920 Jun 30 j 23:58	0° B			
	-1922 Feb 14 j 02:35	0° B				evening rise	-1920 Jul 05 j 22:58	6° B 08'17			
morning max el	-1922 Mar 19 j 20:04	26° B 24'25	46°02'44				-1920 Jul 25 j 04:57	0° B			
	-1922 Mar 23 j 12:31	0° \approx					-1920 Aug 18 j 09:20	0° B			
desc. node	-1922 Mar 29 j 22:02	6° \approx 25'31					-1920 Sep 11 j 14:54	0° B			
	-1922 Apr 21 j 02:04	0° H				desc. node	-1920 Sep 13 j 17:07	2° B 35'05			
	-1922 May 17 j 17:05	0° Y					-1920 Oct 05 j 23:24	0° B			

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

	-1920 Oct 30 j 13:20	0°♊			-1917 Jun 22 j 12:50	0°♊		
	-1920 Nov 24 j 14:26	0°♋		morning set	-1917 Jul 02 j 06:50	12°♊00'23		
	-1920 Dec 20 j 17:46	0°♌			-1917 Jul 16 j 19:45	0°♋		
asc. node	-1919 Jan 04 j 17:46	16°♌03'30		max. Earth dist.	-1917 Aug 03 j 23:52	22°♋37'25	1.72083 AU	
evening max el	-1919 Jan 08 j 05:15	19°♌35'53	46°26'20					
	-1919 Jan 19 j 01:19	0°♍		superior conj	-1917 Aug 08 j 00:20	27°♋38'43	1°21'23	
greatest brilliancy	-1919 Feb 12 j 09:24	17°♍49'39	-4.6m	minimum elong	-1917 Aug 07 j 19:39	27°♋24'04	1°21'22	
retrograde	-1919 Feb 27 j 03:32	21°♍42'45			-1917 Aug 09 j 21:33	0°♎		
evening set	-1919 Mar 16 j 08:33	15°♍58'08			-1917 Sep 02 j 20:17	0°♏		
inferior conj	-1919 Mar 20 j 12:17	13°♍21'56	7°08'09	evening rise	-1917 Sep 15 j 03:31	15°♏26'08		
minimum elong	-1919 Mar 20 j 20:35	13°♍08'43	7°06'55		-1917 Sep 26 j 18:10	0°♐		
min. Earth dist.	-1919 Mar 20 j 14:34	13°♍18'18	0.29085 AU	desc. node	-1917 Oct 12 j 05:15	19°♐22'48		
morning rise	-1919 Mar 25 j 08:51	10°♍21'13			-1917 Oct 20 j 16:56	0°♑		
direct	-1919 Apr 11 j 01:59	5°♍01'09			-1917 Nov 13 j 17:51	0°♒		
greatest brilliancy	-1919 Apr 23 j 13:57	7°♍47'36	-4.5m		-1917 Dec 07 j 22:36	0°♋		
desc. node	-1919 Apr 26 j 09:43	9°♍04'47			-1916 Jan 01 j 10:38	0°♌		
	-1919 May 24 j 17:26	0°♍			-1916 Jan 26 j 12:45	0°♍		
morning max el	-1919 May 29 j 21:09	4°♍48'54	45°46'55	asc. node	-1916 Feb 02 j 05:40	7°♍50'01		
	-1919 Jun 23 j 11:59	0°♎			-1916 Feb 21 j 18:33	0°♍		
	-1919 Jul 20 j 06:55	0°♏		evening max el	-1916 Mar 19 j 23:41	28°♍21'28	45°19'25	
	-1919 Aug 14 j 17:13	0°♐			-1916 Mar 21 j 16:57	0°♎		
asc. node	-1919 Aug 17 j 11:01	3°♐18'07		greatest brilliancy	-1916 Apr 23 j 05:53	24°♎27'25	-4.5m	
	-1919 Sep 08 j 07:52	0°♑		retrograde	-1916 May 07 j 10:00	27°♎57'14		
	-1919 Oct 02 j 10:42	0°♒		evening set	-1916 May 22 j 09:24	23°♎39'56		
	-1919 Oct 26 j 07:51	0°♓		desc. node	-1916 May 23 j 21:37	22°♎49'46		
	-1919 Nov 19 j 03:46	0°♑		inferior conj	-1916 May 28 j 20:51	19°♎50'04	-1°-9'-18	
morning set	-1919 Nov 27 j 21:14	10°♑58'38		minimum elong	-1916 May 28 j 18:18	19°♎54'01	1°08'33	
desc. node	-1919 Dec 07 j 03:01	22°♑34'57		min. Earth dist.	-1916 May 29 j 06:15	19°♎35'28	0.28869 AU	
	-1919 Dec 13 j 00:56	0°♒		morning rise	-1916 Jun 04 j 02:40	16°♎06'00		
	-1918 Jan 06 j 00:25	0°♋		direct	-1916 Jun 19 j 13:22	11°♎31'53		
				greatest brilliancy	-1916 Jul 04 j 01:34	15°♎10'13	-4.5m	
superior conj	-1918 Jan 08 j 21:37	3°♋35'51	-1°-6'-54		-1916 Jul 25 j 16:33	0°♏		
minimum elong	-1918 Jan 08 j 10:33	3°♋01'22	1°06'37	morning max el	-1916 Aug 07 j 23:37	12°♏12'30	46°13'19	
max. Earth dist.	-1918 Jan 13 j 08:51	9°♋10'08	1.71933 AU		-1916 Aug 25 j 05:02	0°♐		
	-1918 Jan 30 j 02:40	0°♌		asc. node	-1916 Sep 13 j 22:53	22°♐06'36		
evening rise	-1918 Feb 17 j 20:52	23°♌14'17			-1916 Sep 20 j 17:35	0°♑		
	-1918 Feb 23 j 08:17	0°♍			-1916 Oct 15 j 18:33	0°♒		
	-1918 Mar 19 j 18:07	0°♍			-1916 Nov 09 j 03:32	0°♓		
asc. node	-1918 Mar 30 j 03:42	12°♍42'20			-1916 Dec 03 j 06:32	0°♑		
	-1918 Apr 13 j 09:07	0°♎			-1916 Dec 27 j 08:46	0°♒		
	-1918 May 08 j 06:25	0°♏		desc. node	-1915 Jan 03 j 14:49	9°♒00'54		
	-1918 Jun 02 j 12:13	0°♐			-1915 Jan 20 j 12:28	0°♋		
	-1918 Jun 28 j 07:37	0°♑		morning set	-1915 Feb 12 j 06:14	28°♋09'06		
desc. node	-1918 Jul 19 j 19:08	24°♑06'30			-1915 Feb 13 j 18:07	0°♌		
	-1918 Jul 25 j 05:03	0°♒			-1915 Mar 10 j 01:38	0°♍		
evening max el	-1918 Aug 14 j 22:38	21°♒27'57	46°49'19					
	-1918 Aug 23 j 22:34	0°♓		superior conj	-1915 Mar 22 j 12:41	15°♓20'33	-1°-10'-8	
greatest brilliancy	-1918 Sep 23 j 10:20	21°♓14'46	-4.7m	minimum elong	-1915 Mar 22 j 21:22	15°♓47'15	1°09'55	
retrograde	-1918 Oct 04 j 00:42	23°♓19'59		max. Earth dist.	-1915 Mar 23 j 22:18	17°♓03'57	1.73408 AU	
evening set	-1918 Oct 19 j 06:13	18°♓49'11			-1915 Apr 03 j 10:50	0°♔		
inferior conj	-1918 Oct 24 j 14:10	15°♓40'51	-4°-3'-55	asc. node	-1915 Apr 26 j 15:47	28°♔29'03		
minimum elong	-1918 Oct 24 j 22:38	15°♓27'57	4°01'29		-1915 Apr 27 j 21:28	0°♕		
min. Earth dist.	-1918 Oct 24 j 19:18	15°♓33'02	0.26376 AU	evening rise	-1915 Apr 28 j 09:54	0°♕38'06		
morning rise	-1918 Oct 30 j 14:51	12°♓09'43		greatest brilliancy	-1915 May 01 j 10:43	4°♕21'15	-3.9m	
asc. node	-1918 Nov 09 j 20:13	8°♓25'55			-1915 May 22 j 09:12	0°♖		
direct	-1918 Nov 13 j 21:20	8°♓05'42			-1915 Jun 15 j 22:09	0°♗		
greatest brilliancy	-1918 Nov 26 j 03:02	10°♓53'38	-4.7m		-1915 Jul 10 j 13:15	0°♘		
	-1918 Dec 22 j 18:53	0°♑			-1915 Aug 04 j 08:35	0°♙		
morning max el	-1917 Jan 03 j 07:04	11°♑05'07	46°43'30	desc. node	-1915 Aug 16 j 07:07	14°♙19'08		
	-1917 Jan 21 j 06:28	0°♒			-1915 Aug 29 j 11:38	0°♚		
	-1917 Feb 16 j 23:36	0°♋			-1915 Sep 24 j 05:18	0°♑		
desc. node	-1917 Mar 01 j 12:28	14°♋29'29			-1915 Oct 21 j 09:11	0°♒		
	-1917 Mar 14 j 18:41	0°♌		evening max el	-1915 Oct 26 j 14:51	5°♒25'29	47°29'21	
	-1917 Apr 09 j 03:04	0°♍			-1915 Nov 23 j 03:52	0°♋		
	-1917 May 04 j 04:28	0°♍		greatest brilliancy	-1915 Dec 03 j 10:59	6°♋08'18	-4.7m	
	-1917 May 28 j 23:46	0°♎		asc. node	-1915 Dec 07 j 07:59	7°♋44'11		
asc. node	-1917 Jun 22 j 13:27	0°♏		retrograde	-1915 Dec 16 j 18:28	9°♋28'24		

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Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.


evening set	-1914 Jan 01 j 13:34	4°☾26'51		max. Earth dist.	-1912 May 26 j 11:50	16°♄52'37	1.73539 AU
min. Earth dist.	-1914 Jan 05 j 13:00	2°☾01'40	0.27457 AU				
inferior conj	-1914 Jan 06 j 15:14	1°☾20'29	6°39'29	superior conj	-1912 May 29 j 01:50	20°♄03'11	0°11'37
minimum elong	-1914 Jan 06 j 05:41	1°☾35'30	6°37'35	minimum elong	-1912 May 28 j 23:32	19°♄56'08	0°11'31
	-1914 Jan 08 j 18:52	30°♁☾		behind sun begin	-1912 May 28 j 08:11	19°♄08'56	
morning rise	-1914 Jan 10 j 22:24	28°♁42'24		behind sun end	-1912 May 29 j 14:53	20°♄43'21	
direct	-1914 Jan 27 j 06:12	23°♁27'35			-1912 Jun 06 j 03:45	0°♂	
greatest brilliancy	-1914 Feb 06 j 20:14	25°♁32'27	-4.6m		-1912 Jun 30 j 10:54	0°♄	
	-1914 Feb 15 j 21:17	0°☾		evening rise	-1912 Jul 03 j 17:40	4°♄03'41	
morning max el	-1914 Mar 17 j 11:26	24°☾10'26	46°03'56		-1912 Jul 24 j 16:04	0°♁	
	-1914 Mar 23 j 09:43	0°♁			-1912 Aug 17 j 20:46	0°♁	
desc. node	-1914 Mar 29 j 00:12	5°♁41'15			-1912 Sep 11 j 02:45	0°♂	
	-1914 Apr 20 j 17:30	0°♁		desc. node	-1912 Sep 12 j 19:19	2°♂05'11	
	-1914 May 17 j 06:15	0°♁			-1912 Oct 05 j 11:49	0°♁	
	-1914 Jun 11 j 21:36	0°♄			-1912 Oct 30 j 02:30	0°♁	
	-1914 Jul 06 j 22:13	0°♂			-1912 Nov 24 j 04:55	0°☾	
asc. node	-1914 Jul 20 j 01:17	15°♂59'02			-1912 Dec 20 j 11:07	0°♁	
	-1914 Jul 31 j 11:02	0°♄		asc. node	-1911 Jan 03 j 19:52	15°♁15'39	
	-1914 Aug 24 j 14:41	0°♁		evening max el	-1911 Jan 05 j 19:53	17°♁17'24	46°29'16
greatest brilliancy	-1914 Sep 06 j 09:27	16°♁01'02	-3.9m		-1911 Jan 19 j 05:01	0°♁	
morning set	-1914 Sep 10 j 14:27	21°♁18'13		greatest brilliancy	-1911 Feb 10 j 03:44	15°♁41'02	-4.6m
	-1914 Sep 17 j 12:22	0°♁		retrograde	-1911 Feb 24 j 19:57	19°♁32'42	
	-1914 Oct 11 j 07:30	0°♂		evening set	-1911 Mar 14 j 03:41	13°♁44'40	
				inferior conj	-1911 Mar 18 j 05:02	11°♁11'55	7°18'17
superior conj	-1914 Oct 20 j 07:12	11°♂19'54	0°43'41	minimum elong	-1911 Mar 18 j 12:59	10°♁59'14	7°17'09
minimum elong	-1914 Oct 20 j 17:10	11°♂51'20	0°43'16	min. Earth dist.	-1911 Mar 18 j 06:38	11°♁09'22	0.29062 AU
max. Earth dist.	-1914 Oct 21 j 14:26	12°♂58'22	1.70945 AU	morning rise	-1911 Mar 22 j 22:30	8°♁15'26	
	-1914 Nov 04 j 02:46	0°♁		direct	-1911 Apr 08 j 17:55	2°♁51'34	
desc. node	-1914 Nov 08 j 17:14	5°♁47'34		greatest brilliancy	-1911 Apr 21 j 03:50	5°♁35'22	-4.5m
	-1914 Nov 27 j 23:42	0°♁		desc. node	-1911 Apr 25 j 11:53	7°♁38'08	
evening rise	-1914 Dec 01 j 11:14	4°♁21'54			-1911 May 24 j 17:47	0°♁	
	-1914 Dec 21 j 23:12	0°☾		morning max el	-1911 May 27 j 12:06	2°♁36'20	45°46'43
	-1913 Jan 15 j 02:27	0°♁			-1911 Jun 23 j 04:17	0°♄	
	-1913 Feb 08 j 11:38	0°♁			-1911 Jul 19 j 20:35	0°♂	
asc. node	-1913 Mar 01 j 17:47	25°♁46'46			-1911 Aug 14 j 05:41	0°♄	
	-1913 Mar 05 j 06:08	0°♁		asc. node	-1911 Aug 16 j 13:12	2°♄47'18	
	-1913 Mar 30 j 14:52	0°♄			-1911 Sep 07 j 19:44	0°♁	
	-1913 Apr 25 j 22:44	0°♂			-1911 Oct 01 j 22:17	0°♁	
	-1913 May 24 j 05:27	0°♄			-1911 Oct 25 j 19:18	0°♂	
evening max el	-1913 May 31 j 03:45	6°♄46'11	45°29'05		-1911 Nov 18 j 15:08	0°♁	
desc. node	-1913 Jun 21 j 09:25	24°♄54'59		morning set	-1911 Nov 25 j 06:54	8°♁22'31	
	-1913 Jun 29 j 01:29	0°♁		desc. node	-1911 Dec 06 j 05:01	22°♁05'43	
greatest brilliancy	-1913 Jul 07 j 11:56	4°♁09'27	-4.5m		-1911 Dec 12 j 12:14	0°♁	
retrograde	-1913 Jul 18 j 22:39	6°♁28'04			-1910 Jan 05 j 11:39	0°☾	
evening set	-1913 Aug 05 j 09:58	0°♁47'45					
	-1913 Aug 06 j 18:13	30°♁☾		superior conj	-1910 Jan 06 j 08:23	1°☾04'42	-1°-4'-29
inferior conj	-1913 Aug 09 j 00:03	28°♄38'17	-8°-33'-27	minimum elong	-1910 Jan 05 j 21:04	0°☾29'24	1°04'10
minimum elong	-1913 Aug 08 j 18:58	28°♄46'03	8°33'04	max. Earth dist.	-1910 Jan 10 j 19:16	6°☾38'02	1.71875 AU
min. Earth dist.	-1913 Aug 09 j 10:28	28°♄22'20	0.27845 AU		-1910 Jan 29 j 13:50	0°♁	
morning rise	-1913 Aug 12 j 03:47	26°♄43'42		evening rise	-1910 Feb 15 j 10:30	20°♁53'31	
direct	-1913 Aug 30 j 04:43	20°♄39'35			-1910 Feb 22 j 19:27	0°♁	
greatest brilliancy	-1913 Sep 13 j 06:32	24°♄14'40	-4.6m		-1910 Mar 19 j 05:23	0°♁	
	-1913 Sep 22 j 22:48	0°♁		asc. node	-1910 Mar 29 j 05:52	12°♁14'23	
asc. node	-1913 Oct 12 j 10:36	16°♁27'15			-1910 Apr 12 j 20:39	0°♄	
morning max el	-1913 Oct 19 j 20:08	23°♁47'18	46°49'54		-1910 May 07 j 18:29	0°♂	
	-1913 Oct 25 j 19:31	0°♁			-1910 Jun 02 j 01:14	0°♄	
	-1913 Nov 21 j 15:37	0°♂			-1910 Jun 27 j 22:20	0°♁	
	-1913 Dec 16 j 23:41	0°♁		desc. node	-1910 Jul 18 j 21:17	23°♁25'06	
	-1912 Jan 10 j 19:33	0°♁			-1910 Jul 24 j 23:20	0°♁	
desc. node	-1912 Feb 01 j 02:44	25°♁54'06		evening max el	-1910 Aug 12 j 10:24	19°♁00'20	46°46'36
	-1912 Feb 04 j 11:31	0°☾			-1910 Aug 24 j 04:21	0°♂	
	-1912 Feb 29 j 02:19	0°♁		greatest brilliancy	-1910 Sep 21 j 00:06	18°♂46'53	-4.7m
	-1912 Mar 24 j 16:33	0°♁		retrograde	-1910 Oct 01 j 12:25	20°♂50'32	
	-1912 Apr 18 j 06:00	0°♁		evening set	-1910 Oct 16 j 21:06	16°♂15'40	
morning set	-1912 Apr 22 j 23:06	5°♁45'47		inferior conj	-1910 Oct 22 j 02:20	13°♂11'34	-4°-25'-30
	-1912 May 12 j 18:00	0°♄		minimum elong	-1910 Oct 22 j 11:22	12°♂57'50	4°22'58
asc. node	-1912 May 24 j 03:39	13°♄59'59		min. Earth dist.	-1910 Oct 22 j 09:00	13°♂01'27	0.26399 AU

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

morning rise	-1910 Oct 28 j 01:21	9°♌42'50		greatest brilliancy	-1907 May 02 j 03:07	5°♌51'10	-3.9m
asc. node	-1910 Nov 08 j 22:12	5°♌43'14			-1907 May 21 j 20:24	0°♌	
direct	-1910 Nov 11 j 09:24	5°♌35'43			-1907 Jun 15 j 09:40	0°♌	
greatest brilliancy	-1910 Nov 23 j 18:38	8°♌27'28	-4.7m		-1907 Jul 10 j 01:17	0°♌	
	-1910 Dec 22 j 23:35	0°♌			-1907 Aug 03 j 21:25	0°♌	
morning max el	-1910 Dec 31 j 20:29	8°♌39'10	46°44'35	desc. node	-1907 Aug 15 j 09:18	13°♌45'45	
	-1909 Jan 21 j 00:37	0°♌			-1907 Aug 29 j 01:42	0°♌	
	-1909 Feb 16 j 14:26	0°♌			-1907 Sep 23 j 21:33	0°♌	
desc. node	-1909 Feb 28 j 14:38	13°♌55'11			-1907 Oct 21 j 06:36	0°♌	
	-1909 Mar 14 j 07:53	0°♌		evening max el	-1907 Oct 24 j 06:59	3°♌06'13	47°29'52
	-1909 Apr 08 j 15:20	0°♌			-1907 Nov 24 j 07:54	0°♌	
	-1909 May 03 j 16:07	0°♌		greatest brilliancy	-1907 Dec 01 j 03:30	3°♌46'54	-4.7m
	-1909 May 28 j 11:03	0°♌		asc. node	-1907 Dec 06 j 10:06	5°♌49'32	
asc. node	-1909 Jun 21 j 15:30	29°♌34'09		retrograde	-1907 Dec 14 j 09:49	7°♌04'51	
	-1909 Jun 21 j 23:55	0°♌		evening set	-1907 Dec 30 j 00:52	2°♌08'32	
morning set	-1909 Jun 30 j 00:34	9°♌52'54			-1906 Jan 02 j 13:49	30°♌	
	-1909 Jul 16 j 06:47	0°♌		min. Earth dist.	-1906 Jan 03 j 02:44	29°♌39'49	0.27379 AU
max. Earth dist.	-1909 Aug 01 j 17:08	20°♌26'55	1.72142 AU	inferior conj	-1906 Jan 04 j 05:26	28°♌57'56	6°25'31
				minimum elong	-1906 Jan 03 j 19:46	29°♌13'07	6°23'29
superior conj	-1909 Aug 05 j 16:47	25°♌25'28	1°20'27	morning rise	-1906 Jan 08 j 15:21	26°♌16'11	
minimum elong	-1909 Aug 05 j 11:30	25°♌09'00	1°20'25	direct	-1906 Jan 24 j 20:15	21°♌06'35	
	-1909 Aug 09 j 08:39	0°♌		greatest brilliancy	-1906 Feb 04 j 08:14	23°♌10'00	-4.6m
	-1909 Sep 02 j 07:30	0°♌			-1906 Feb 17 j 02:52	0°♌	
evening rise	-1909 Sep 12 j 16:27	13°♌00'47		morning max el	-1906 Mar 15 j 02:15	21°♌54'39	46°05'04
	-1909 Sep 26 j 05:32	0°♌			-1906 Mar 23 j 06:20	0°♌	
desc. node	-1909 Oct 11 j 07:20	18°♌53'25		desc. node	-1906 Mar 28 j 02:19	4°♌57'04	
	-1909 Oct 20 j 04:28	0°♌			-1906 Apr 20 j 08:52	0°♌	
	-1909 Nov 13 j 05:36	0°♌			-1906 May 16 j 19:32	0°♌	
	-1909 Dec 07 j 10:40	0°♌			-1906 Jun 11 j 09:50	0°♌	
	-1909 Dec 31 j 23:15	0°♌			-1906 Jul 06 j 09:52	0°♌	
	-1908 Jan 26 j 02:26	0°♌		asc. node	-1906 Jul 19 j 03:29	15°♌30'43	
asc. node	-1908 Feb 01 j 07:49	7°♌15'21			-1906 Jul 30 j 22:23	0°♌	
	-1908 Feb 21 j 10:38	0°♌			-1906 Aug 24 j 01:53	0°♌	
evening max el	-1908 Mar 17 j 15:44	26°♌10'54	45°20'44	greatest brilliancy	-1906 Sep 06 j 16:43	17°♌04'06	-3.9m
	-1908 Mar 21 j 16:35	0°♌		morning set	-1906 Sep 08 j 04:09	18°♌55'21	
greatest brilliancy	-1908 Apr 20 j 19:51	22°♌15'46	-4.5m		-1906 Sep 16 j 23:33	0°♌	
retrograde	-1908 May 05 j 02:49	25°♌48'21			-1906 Oct 10 j 18:43	0°♌	
evening set	-1908 May 20 j 01:58	21°♌30'13					
desc. node	-1908 May 22 j 23:36	19°♌51'10		superior conj	-1906 Oct 17 j 17:31	8°♌45'45	0°47'00
inferior conj	-1908 May 26 j 13:06	17°♌40'26	0°-49'-42	minimum elong	-1906 Oct 18 j 03:54	9°♌18'26	0°46'34
minimum elong	-1908 May 26 j 11:16	17°♌43'16	0°49'09	max. Earth dist.	-1906 Oct 18 j 18:28	10°♌04'22	1.70949 AU
min. Earth dist.	-1908 May 26 j 22:24	17°♌25'59	0.28894 AU		-1906 Nov 03 j 14:03	0°♌	
morning rise	-1908 Jun 01 j 20:09	13°♌54'51		desc. node	-1906 Nov 07 j 19:12	5°♌18'16	
direct	-1908 Jun 17 j 06:08	9°♌21'48			-1906 Nov 27 j 11:02	0°♌	
greatest brilliancy	-1908 Jul 01 j 17:51	13°♌00'10	-4.5m	evening rise	-1906 Nov 28 j 20:23	1°♌44'33	
	-1908 Jul 25 j 21:31	0°♌			-1906 Dec 21 j 10:35	0°♌	
morning max el	-1908 Aug 05 j 16:19	10°♌01'33	46°11'53		-1905 Jan 14 j 13:54	0°♌	
	-1908 Aug 24 j 22:33	0°♌			-1905 Feb 07 j 23:18	0°♌	
asc. node	-1908 Sep 13 j 01:02	21°♌29'25		asc. node	-1905 Feb 28 j 19:55	25°♌16'55	
	-1908 Sep 20 j 08:01	0°♌			-1905 Mar 04 j 18:17	0°♌	
	-1908 Oct 15 j 07:39	0°♌			-1905 Mar 30 j 04:03	0°♌	
	-1908 Nov 08 j 15:55	0°♌			-1905 Apr 25 j 14:06	0°♌	
	-1908 Dec 02 j 18:27	0°♌			-1905 May 24 j 02:34	0°♌	
	-1908 Dec 26 j 20:23	0°♌		evening max el	-1905 May 28 j 18:07	4°♌30'21	45°27'10
desc. node	-1907 Jan 02 j 16:58	8°♌31'45		desc. node	-1905 Jun 20 j 11:35	23°♌42'28	
	-1907 Jan 19 j 23:50	0°♌			-1905 Jun 30 j 20:31	0°♌	
morning set	-1907 Feb 09 j 19:50	25°♌48'07		greatest brilliancy	-1905 Jul 05 j 00:30	1°♌50'32	-4.5m
	-1907 Feb 13 j 05:18	0°♌		retrograde	-1905 Jul 16 j 11:39	4°♌09'49	
	-1907 Mar 09 j 12:41	0°♌			-1905 Jul 31 j 07:09	30°♌	
				evening set	-1905 Aug 02 j 20:39	28°♌34'17	
superior conj	-1907 Mar 20 j 05:23	13°♌10'20	-1°-11'-55	inferior conj	-1905 Aug 06 j 14:10	26°♌19'43	-8°-27'-12
minimum elong	-1907 Mar 20 j 13:49	13°♌36'17	1°11'43	minimum elong	-1905 Aug 06 j 08:20	26°♌28'38	8°26'41
max. Earth dist.	-1907 Mar 21 j 18:51	15°♌05'37	1.73378 AU	min. Earth dist.	-1905 Aug 07 j 00:28	26°♌03'57	0.27892 AU
	-1907 Apr 02 j 21:50	0°♌		morning rise	-1905 Aug 09 j 19:48	24°♌22'04	
asc. node	-1907 Apr 25 j 17:47	28°♌01'21		direct	-1905 Aug 27 j 19:05	18°♌20'13	
evening rise	-1907 Apr 26 j 04:29	28°♌34'09		greatest brilliancy	-1905 Sep 10 j 21:36	21°♌54'59	-4.6m
	-1907 Apr 27 j 08:30	0°♌			-1905 Sep 23 j 18:53	0°♌	

Attention, astronomical year style is used: The year -2400 in astronomical counting style is the year 2401 BCE in historical counting style.

asc. node	-1905 Oct 11 j 12:37	15° Ω 30'45		-1902 Apr 12 j 08:00	0° \mathcal{B}	
morning max el	-1905 Oct 17 j 08:57	21° Ω 20'24	46°49'02	-1902 May 07 j 06:21	0° Π	
	-1905 Oct 25 j 15:40	0° \mathcal{M}		-1902 Jun 01 j 14:04	0° \mathcal{E}	
	-1905 Nov 21 j 07:16	0° \mathcal{A}		-1902 Jun 27 j 12:58	0° Ω	
	-1905 Dec 16 j 13:28	0° \mathcal{M}		desc. node	-1902 Jul 17 j 23:23	22° Ω 43'46
	-1904 Jan 10 j 08:17	0° \mathcal{A}		-1902 Jul 24 j 17:51	0° \mathcal{M}	
desc. node	-1904 Jan 31 j 04:51	25° \mathcal{A} 23'35		evening max el	-1902 Aug 09 j 22:49	16° \mathcal{M} 35'01 46°43'43
	-1904 Feb 03 j 23:34	0° \mathcal{E}		-1902 Aug 24 j 12:13	0° \mathcal{A}	
	-1904 Feb 28 j 13:51	0° \approx		greatest brilliancy	-1902 Sep 18 j 12:40	16° \mathcal{A} 17'46 -4.6m
	-1904 Mar 24 j 03:44	0° \mathcal{H}		retrograde	-1902 Sep 29 j 00:24	18° \mathcal{A} 20'51
	-1904 Apr 17 j 16:57	0° \mathcal{Y}		evening set	-1902 Oct 14 j 11:52	13° \mathcal{A} 41'34
morning set	-1904 Apr 20 j 17:38	3° \mathcal{Y} 42'18		inferior conj	-1902 Oct 19 j 14:13	10° \mathcal{A} 41'49 -4°-46'-43
	-1904 May 12 j 04:50	0° \mathcal{B}		minimum elong	-1902 Oct 19 j 23:46	10° \mathcal{A} 27'21 4°44'06
asc. node	-1904 May 23 j 05:45	13° \mathcal{B} 33'15		min. Earth dist.	-1902 Oct 19 j 22:06	10° \mathcal{A} 29'52 0.26428 AU
max. Earth dist.	-1904 May 24 j 08:05	14° \mathcal{B} 54'09	1.73566 AU	morning rise	-1902 Oct 25 j 11:21	7° \mathcal{A} 16'03
				asc. node	-1902 Nov 08 j 00:19	3° \mathcal{A} 06'21
superior conj	-1904 May 26 j 20:51	18° \mathcal{B} 00'53	0°08'34	direct	-1902 Nov 08 j 21:44	3° \mathcal{A} 05'22
minimum elong	-1904 May 26 j 19:09	17° \mathcal{B} 55'39	0°08'31	greatest brilliancy	-1902 Nov 21 j 09:30	6° \mathcal{A} 00'25 -4.7m
behind sun begin	-1904 May 26 j 00:17	16° \mathcal{B} 57'39			-1902 Dec 23 j 02:26	0° \mathcal{M}
behind sun end	-1904 May 27 j 14:01	18° \mathcal{B} 53'39		morning max el	-1902 Dec 29 j 10:39	6° \mathcal{M} 15'28 46°45'42
	-1904 Jun 05 j 14:35	0° Π			-1901 Jan 20 j 18:09	0° \mathcal{A}
	-1904 Jun 29 j 21:50	0° \mathcal{E}			-1901 Feb 16 j 04:50	0° \mathcal{E}
evening rise	-1904 Jul 01 j 12:28	1° \mathcal{E} 59'26		desc. node	-1901 Feb 27 j 16:41	13° \mathcal{E} 21'33
	-1904 Jul 24 j 03:13	0° Ω			-1901 Mar 13 j 20:44	0° \approx
	-1904 Aug 17 j 08:13	0° \mathcal{M}			-1901 Apr 08 j 03:16	0° \mathcal{H}
	-1904 Sep 10 j 14:37	0° \mathcal{A}			-1901 May 03 j 03:30	0° \mathcal{Y}
desc. node	-1904 Sep 11 j 21:20	1° \mathcal{A} 34'44			-1901 May 27 j 22:03	0° \mathcal{B}
	-1904 Oct 05 j 00:13	0° \mathcal{M}		asc. node	-1901 Jun 20 j 17:45	29° \mathcal{B} 07'53
	-1904 Oct 29 j 15:42	0° \mathcal{A}			-1901 Jun 21 j 10:43	0° Π
	-1904 Nov 23 j 19:29	0° \mathcal{E}		morning set	-1901 Jun 27 j 18:34	7° Π 47'15
	-1904 Dec 20 j 04:48	0° \approx			-1901 Jul 15 j 17:31	0° \mathcal{E}
asc. node	-1903 Jan 02 j 22:04	14° \approx 27'21		max. Earth dist.	-1901 Jul 30 j 10:06	18° \mathcal{E} 16'34 1.72200 AU
evening max el	-1903 Jan 03 j 10:00	14° \approx 57'29	46°32'07			
	-1903 Jan 19 j 10:35	0° \mathcal{H}		superior conj	-1901 Aug 03 j 09:26	23° \mathcal{E} 13'58 1°19'24
greatest brilliancy	-1903 Feb 07 j 21:04	13° \mathcal{H} 30'49	-4.6m	minimum elong	-1901 Aug 03 j 03:36	22° \mathcal{E} 55'45 1°19'20
retrograde	-1903 Feb 22 j 12:21	17° \mathcal{H} 22'32			-1901 Aug 08 j 19:27	0° Ω
evening set	-1903 Mar 11 j 22:36	11° \mathcal{H} 30'56			-1901 Sep 01 j 18:26	0° \mathcal{M}
inferior conj	-1903 Mar 15 j 21:40	9° \mathcal{H} 01'44	7°27'45	evening rise	-1901 Sep 10 j 05:31	10° \mathcal{M} 36'45
minimum elong	-1903 Mar 16 j 05:15	8° \mathcal{H} 49'39	7°26'45		-1901 Sep 25 j 16:39	0° \mathcal{A}
min. Earth dist.	-1903 Mar 15 j 22:41	9° \mathcal{H} 00'06	0.29038 AU	desc. node	-1901 Oct 10 j 09:20	18° \mathcal{A} 24'29
morning rise	-1903 Mar 20 j 12:03	6° \mathcal{H} 09'40			-1901 Oct 19 j 15:47	0° \mathcal{M}
direct	-1903 Apr 06 j 09:23	0° \mathcal{H} 41'45			-1901 Nov 12 j 17:10	0° \mathcal{A}
greatest brilliancy	-1903 Apr 18 j 18:21	3° \mathcal{H} 24'05	-4.5m		-1901 Dec 06 j 22:34	0° \mathcal{E}
desc. node	-1903 Apr 24 j 13:48	6° \mathcal{H} 14'10			-1901 Dec 31 j 11:42	0° \approx
	-1903 May 24 j 16:52	0° \mathcal{Y}			-1900 Jan 25 j 15:57	0° \mathcal{H}
morning max el	-1903 May 25 j 03:22	0° \mathcal{Y} 24'57	45°46'41	asc. node	-1900 Jan 31 j 09:54	6° \mathcal{H} 41'04
	-1903 Jun 22 j 20:07	0° \mathcal{B}			-1900 Feb 21 j 02:40	0° \mathcal{Y}
	-1903 Jul 19 j 09:59	0° Π		evening max el	-1900 Mar 15 j 08:22	24° \mathcal{Y} 02'29 45°22'07
	-1903 Aug 13 j 17:59	0° \mathcal{E}			-1900 Mar 21 j 16:59	0° \mathcal{B}
asc. node	-1903 Aug 15 j 15:18	2° \mathcal{E} 16'42		greatest brilliancy	-1900 Apr 18 j 10:54	20° \mathcal{B} 06'18 -4.5m
	-1903 Sep 07 j 07:29	0° Ω		retrograde	-1900 May 02 j 19:21	23° \mathcal{B} 40'01
	-1903 Oct 01 j 09:45	0° \mathcal{M}		evening set	-1900 May 17 j 18:40	19° \mathcal{B} 21'10
	-1903 Oct 25 j 06:37	0° \mathcal{A}		desc. node	-1900 May 22 j 01:48	16° \mathcal{B} 51'08
	-1903 Nov 18 j 02:20	0° \mathcal{M}		inferior conj	-1900 May 24 j 05:17	15° \mathcal{B} 31'32 0°-29'-55
morning set	-1903 Nov 22 j 16:31	5° \mathcal{M} 46'36		minimum elong	-1900 May 24 j 04:11	15° \mathcal{B} 33'15 0°29'35
desc. node	-1903 Dec 05 j 07:09	21° \mathcal{M} 37'32		min. Earth dist.	-1900 May 24 j 14:29	15° \mathcal{B} 17'14 0.28914 AU
	-1903 Dec 11 j 23:21	0° \mathcal{A}		morning rise	-1900 May 30 j 13:22	11° \mathcal{B} 44'30
				direct	-1900 Jun 14 j 23:02	7° \mathcal{B} 12'41
superior conj	-1902 Jan 03 j 18:56	28° \mathcal{A} 33'24	-1°-1'-54	greatest brilliancy	-1900 Jun 29 j 08:48	10° \mathcal{B} 49'21 -4.5m
minimum elong	-1902 Jan 03 j 07:27	27° \mathcal{A} 57'32	1°01'35		-1900 Jul 26 j 00:17	0° Π
	-1902 Jan 04 j 22:41	0° \mathcal{E}		morning max el	-1900 Aug 03 j 08:35	7° Π 50'48 46°10'32
max. Earth dist.	-1902 Jan 08 j 03:22	3° \mathcal{E} 59'15	1.71820 AU		-1900 Aug 24 j 15:19	0° \mathcal{E}
	-1902 Jan 29 j 00:51	0° \approx		asc. node	-1900 Sep 12 j 03:04	20° \mathcal{E} 53'25
evening rise	-1902 Feb 13 j 00:01	18° \approx 32'52			-1900 Sep 19 j 21:55	0° Ω
	-1902 Feb 22 j 06:28	0° \mathcal{H}			-1900 Oct 14 j 20:19	0° \mathcal{M}
	-1902 Mar 18 j 16:30	0° \mathcal{Y}			-1900 Nov 08 j 03:56	0° \mathcal{A}
asc. node	-1902 Mar 28 j 07:53	11° \mathcal{Y} 46'24			-1900 Dec 02 j 06:05	0° \mathcal{M}

-1900 Dec 26 j 07:45 0°

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1899 Mar 17 j 21:37	10° H 59'33	-1°-13'-35	evening set	-1897 Jul 31 j 07:02	26° S 21'27	
minimum elong	-1899 Mar 18 j 05:45	11° H 24'35	1°13'26	inferior conj	-1897 Aug 04 j 04:12	24° S 01'41	-8°-20'-2
max. Earth dist.	-1899 Mar 19 j 16:26	13° H 11'20	1.73343 AU	minimum elong	-1897 Aug 03 j 21:40	24° S 11'41	8°19'23
	-1899 Apr 02 j 08:32	0° Y		min. Earth dist.	-1897 Aug 04 j 14:35	23° S 45'49	0.27940 AU
evening rise	-1899 Apr 23 j 22:47	26° Y 30'11		morning rise	-1897 Aug 07 j 12:02	22° S 00'42	
asc. node	-1899 Apr 24 j 19:53	27° Y 34'52		direct	-1897 Aug 25 j 09:11	16° S 01'07	
	-1899 Apr 26 j 19:15	0° B		greatest brilliancy	-1897 Sep 08 j 13:46	19° S 37'17	-4.6m
greatest brilliancy	-1899 May 03 j 13:21	8° B 16'27	-3.9m		-1897 Sep 24 j 09:38	0° Q	
	-1899 May 21 j 07:21	0° II		asc. node	-1897 Oct 10 j 14:43	14° Q 36'12	
	-1899 Jun 14 j 20:57	0° S		morning max el	-1897 Oct 14 j 21:59	18° Q 54'46	46°48'25
	-1899 Jul 09 j 13:04	0° Q			-1897 Oct 25 j 11:00	0° M	
	-1899 Aug 03 j 09:57	0° M			-1897 Nov 20 j 22:25	0° A	
desc. node	-1899 Aug 14 j 11:21	13° M 12'58			-1897 Dec 16 j 02:51	0° M	
	-1899 Aug 28 j 15:29	0° A			-1896 Jan 09 j 20:41	0° J	
	-1899 Sep 23 j 13:39	0° M		desc. node	-1896 Jan 30 j 06:51	24° J 53'39	
	-1899 Oct 21 j 04:23	0° J			-1896 Feb 03 j 11:19	0° S	
evening max el	-1899 Oct 21 j 22:40	0° J 46'41	47°30'01		-1896 Feb 28 j 01:10	0° \approx	
	-1899 Nov 25 j 23:45	0° S			-1896 Mar 23 j 14:44	0° H	
greatest brilliancy	-1899 Nov 28 j 20:35	1° S 26'27	-4.7m		-1896 Apr 17 j 03:45	0° Y	
asc. node	-1899 Dec 05 j 12:18	3° S 50'34		morning set	-1896 Apr 18 j 11:47	1° Y 38'00	
retrograde	-1899 Dec 12 j 00:32	4° S 40'53			-1896 May 11 j 15:31	0° B	
	-1899 Dec 27 j 05:00	30° R J		max. Earth dist.	-1896 May 22 j 04:53	12° B 57'49	1.73591 AU
evening set	-1899 Dec 27 j 12:00	29° J 49'59		asc. node	-1896 May 22 j 07:55	13° B 07'10	
min. Earth dist.	-1899 Dec 31 j 16:41	27° J 17'08	0.27305 AU				
inferior conj	-1898 Jan 01 j 19:22	26° J 35'14	6°10'35	superior conj	-1896 May 24 j 15:34	15° B 58'08	0°05'30
minimum elong	-1898 Jan 01 j 09:39	26° J 50'30	6°08'27	minimum elong	-1896 May 24 j 14:28	15° B 54'44	0°05'29
morning rise	-1898 Jan 06 j 08:04	23° J 49'30		behind sun begin	-1896 May 23 j 17:30	14° B 50'19	
direct	-1898 Jan 22 j 09:52	18° J 45'22		behind sun end	-1896 May 25 j 11:25	16° B 59'10	
greatest brilliancy	-1898 Feb 01 j 20:41	20° J 47'45	-4.6m		-1896 Jun 05 j 01:15	0° II	
	-1898 Feb 18 j 00:16	0° S		evening rise	-1896 Jun 29 j 07:09	29° II 55'25	
morning max el	-1898 Mar 12 j 16:01	19° S 36'32	46°06'15		-1896 Jun 29 j 08:38	0° S	
	-1898 Mar 23 j 02:08	0° \approx			-1896 Jul 23 j 14:15	0° Q	
desc. node	-1898 Mar 27 j 04:20	4° \approx 13'48			-1896 Aug 16 j 19:36	0° M	
	-1898 Apr 19 j 23:48	0° H			-1896 Sep 10 j 02:26	0° A	
	-1898 May 16 j 08:27	0° Y		desc. node	-1896 Sep 10 j 23:22	1° A 04'30	
	-1898 Jun 10 j 21:44	0° B			-1896 Oct 04 j 12:34	0° M	
	-1898 Jul 05 j 21:14	0° II			-1896 Oct 29 j 04:49	0° J	
asc. node	-1898 Jul 18 j 05:30	15° II 02'42			-1896 Nov 23 j 10:00	0° S	
	-1898 Jul 30 j 09:27	0° S			-1896 Dec 19 j 22:36	0° \approx	
	-1898 Aug 23 j 12:49	0° Q		evening max el	-1895 Jan 01 j 00:16	12° \approx 38'45	46°35'05
morning set	-1898 Sep 05 j 18:08	16° Q 34'19		asc. node	-1895 Jan 02 j 00:05	13° \approx 38'39	
	-1898 Sep 16 j 10:25	0° M			-1895 Jan 19 j 18:01	0° H	
	-1898 Oct 10 j 05:37	0° A		greatest brilliancy	-1895 Feb 05 j 13:13	11° H 19'43	-4.6m
				retrograde	-1895 Feb 20 j 05:11	15° H 13'08	
superior conj	-1898 Oct 15 j 04:23	6° A 14'22	0°50'10	evening set	-1895 Mar 09 j 17:27	9° H 17'50	
minimum elong	-1898 Oct 15 j 15:03	6° A 47'58	0°49'44	inferior conj	-1895 Mar 13 j 14:23	6° H 52'03	7°36'29
max. Earth dist.	-1898 Oct 15 j 21:06	7° A 07'00	1.70954 AU	minimum elong	-1895 Mar 13 j 21:32	6° H 40'39	7°35'37
	-1898 Nov 03 j 01:00	0° M		min. Earth dist.	-1895 Mar 13 j 14:36	6° H 51'43	0.29016 AU
desc. node	-1898 Nov 06 j 21:24	4° M 50'43		morning rise	-1895 Mar 18 j 01:46	4° H 04'32	
evening rise	-1898 Nov 26 j 05:44	29° M 08'49			-1895 Mar 26 j 11:53	30° R \approx	
	-1898 Nov 26 j 22:04	0° J		direct	-1895 Apr 04 j 01:01	28° \approx 32'17	
	-1898 Dec 20 j 21:40	0° S			-1895 Apr 13 j 00:12	0° H	
	-1897 Jan 14 j 01:07	0° \approx		greatest brilliancy	-1895 Apr 16 j 09:30	1° H 13'58	-4.5m
	-1897 Feb 07 j 10:46	0° H		desc. node	-1895 Apr 23 j 16:02	4° H 53'40	
asc. node	-1897 Feb 27 j 21:54	24° H 47'08		morning max el	-1895 May 22 j 19:39	28° H 16'11	45°46'37
	-1897 Mar 04 j 06:18	0° Y			-1895 May 24 j 14:58	0° Y	
	-1897 Mar 29 j 17:09	0° B			-1895 Jun 22 j 11:40	0° B	
	-1897 Apr 25 j 05:29	0° II			-1895 Jul 18 j 23:14	0° II	
	-1897 May 24 j 00:15	0° S			-1895 Aug 13 j 06:10	0° S	
evening max el	-1897 May 26 j 07:37	2° S 13'04	45°25'27	asc. node	-1895 Aug 14 j 17:21	1° S 46'10	
desc. node	-1897 Jun 19 j 13:42	22° S 28'13			-1895 Sep 06 j 19:09	0° Q	
greatest brilliancy	-1897 Jul 02 j 12:17	29° S 31'19	-4.5m		-1895 Sep 30 j 21:10	0° M	
	-1897 Jul 03 j 19:18	0° Q			-1895 Oct 24 j 17:55	0° A	
retrograde	-1897 Jul 14 j 00:38	1° Q 52'20			-1895 Nov 17 j 13:32	0° M	
	-1897 Jul 23 j 20:23	30° R S		morning set	-1895 Nov 20 j 02:17	3° M 11'09	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

desc. node	-1895 Dec 04 j 09:16	21° \mathbb{M} 09'15		transit middle	-1892 May 21 j 21:24	13° \mathbb{B} 23'49	0°10'17
	-1895 Dec 11 j 10:26	0° \mathbb{X}		transit begin	-1892 May 21 j 18:16	13° \mathbb{B} 28'43	
				transit end	-1892 May 22 j 00:33	13° \mathbb{B} 18'55	
superior conj	-1894 Jan 01 j 05:34	26° \mathbb{X} 02'20	0°-59'-12	min. Earth dist.	-1892 May 22 j 07:00	13° \mathbb{B} 08'51	0.28934 AU
minimum elong	-1895 Dec 31 j 18:01	25° \mathbb{X} 26'15	0°58'52	morning rise	-1892 May 28 j 06:42	9° \mathbb{B} 34'41	
	-1894 Jan 04 j 09:41	0° \mathbb{B}		direct	-1892 Jun 12 j 16:08	5° \mathbb{B} 04'09	
max. Earth dist.	-1894 Jan 05 j 11:22	1° \mathbb{B} 20'11	1.71762 AU	greatest brilliancy	-1892 Jun 26 j 23:13	8° \mathbb{B} 37'46	-4.5m
	-1894 Jan 28 j 11:47	0° \approx			-1892 Jul 26 j 01:52	0° \mathbb{II}	
evening rise	-1894 Feb 10 j 13:45	16° \approx 13'11		morning max el	-1892 Aug 01 j 00:20	5° \mathbb{II} 38'15	46°09'01
	-1894 Feb 21 j 17:25	0° \mathbb{X}			-1892 Aug 24 j 08:03	0° \mathbb{B}	
	-1894 Mar 18 j 03:33	0° \mathbb{Y}		asc. node	-1892 Sep 11 j 05:12	20° \mathbb{B} 17'05	
asc. node	-1894 Mar 27 j 10:01	11° \mathbb{Y} 18'55			-1892 Sep 19 j 12:00	0° \mathbb{Q}	
	-1894 Apr 11 j 19:21	0° \mathbb{B}			-1892 Oct 14 j 09:11	0° \mathbb{M}	
	-1894 May 06 j 18:17	0° \mathbb{II}			-1892 Nov 07 j 16:10	0° \mathbb{B}	
	-1894 Jun 01 j 03:03	0° \mathbb{B}			-1892 Dec 01 j 17:57	0° \mathbb{M}	
	-1894 Jun 27 j 03:52	0° \mathbb{Q}			-1892 Dec 25 j 19:21	0° \mathbb{X}	
desc. node	-1894 Jul 17 j 01:25	22° \mathbb{Q} 01'38		desc. node	-1892 Dec 31 j 21:03	7° \mathbb{X} 33'32	
	-1894 Jul 24 j 12:57	0° \mathbb{M}			-1891 Jan 18 j 22:22	0° \mathbb{B}	
evening max el	-1894 Aug 07 j 12:10	14° \mathbb{M} 12'06	46°40'52	morning set	-1891 Feb 04 j 21:45	21° \mathbb{B} 02'43	
	-1894 Aug 24 j 22:56	0° \mathbb{B}			-1891 Feb 12 j 03:26	0° \approx	
greatest brilliancy	-1894 Sep 16 j 00:25	13° \mathbb{B} 47'57	-4.6m		-1891 Mar 08 j 10:29	0° \mathbb{X}	
retrograde	-1894 Sep 26 j 12:42	15° \mathbb{B} 51'00					
evening set	-1894 Oct 12 j 02:47	11° \mathbb{B} 07'17		superior conj	-1891 Mar 15 j 13:55	8° \mathbb{X} 48'00	-1°-15'-10
inferior conj	-1894 Oct 17 j 02:05	8° \mathbb{B} 11'48	-5°-7'-13	minimum elong	-1891 Mar 15 j 21:42	9° \mathbb{X} 11'59	1°15'02
minimum elong	-1894 Oct 17 j 12:03	7° \mathbb{B} 56'43	5°04'34	max. Earth dist.	-1891 Mar 17 j 13:50	11° \mathbb{X} 15'34	1.73300 AU
min. Earth dist.	-1894 Oct 17 j 10:51	7° \mathbb{B} 58'33	0.26459 AU		-1891 Apr 01 j 19:29	0° \mathbb{Y}	
morning rise	-1894 Oct 22 j 21:05	4° \mathbb{B} 49'16		evening rise	-1891 Apr 21 j 17:12	24° \mathbb{Y} 25'50	
direct	-1894 Nov 06 j 10:35	0° \mathbb{B} 34'52		asc. node	-1891 Apr 23 j 22:05	27° \mathbb{Y} 07'54	
asc. node	-1894 Nov 07 j 02:33	0° \mathbb{B} 35'24			-1891 Apr 26 j 06:14	0° \mathbb{B}	
greatest brilliancy	-1894 Nov 18 j 23:35	3° \mathbb{B} 32'01	-4.7m	greatest brilliancy	-1891 May 05 j 13:16	11° \mathbb{B} 22'52	-3.9m
	-1894 Dec 23 j 04:01	0° \mathbb{M}			-1891 May 20 j 18:31	0° \mathbb{II}	
morning max el	-1894 Dec 27 j 01:20	3° \mathbb{M} 52'40	46°46'48		-1891 Jun 14 j 08:28	0° \mathbb{B}	
	-1893 Jan 20 j 11:26	0° \mathbb{X}			-1891 Jul 09 j 01:09	0° \mathbb{Q}	
	-1893 Feb 15 j 19:09	0° \mathbb{B}			-1891 Aug 02 j 22:54	0° \mathbb{M}	
desc. node	-1893 Feb 26 j 18:44	12° \mathbb{B} 47'57		desc. node	-1891 Aug 13 j 13:22	12° \mathbb{M} 38'54	
	-1893 Mar 13 j 09:33	0° \approx			-1891 Aug 28 j 05:48	0° \mathbb{B}	
	-1893 Apr 07 j 15:12	0° \mathbb{X}			-1891 Sep 23 j 06:29	0° \mathbb{M}	
	-1893 May 02 j 14:53	0° \mathbb{Y}		evening max el	-1891 Oct 19 j 13:32	28° \mathbb{M} 23'47	47°30'04
	-1893 May 27 j 09:07	0° \mathbb{B}			-1891 Oct 21 j 03:32	0° \mathbb{X}	
asc. node	-1893 Jun 19 j 19:44	28° \mathbb{B} 40'26		greatest brilliancy	-1891 Nov 26 j 14:02	29° \mathbb{X} 04'58	-4.7m
	-1893 Jun 20 j 21:38	0° \mathbb{II}			-1891 Nov 28 j 17:27	0° \mathbb{B}	
morning set	-1893 Jun 25 j 12:40	5° \mathbb{II} 41'34		asc. node	-1891 Dec 04 j 14:16	1° \mathbb{B} 45'18	
	-1893 Jul 15 j 04:25	0° \mathbb{B}		retrograde	-1891 Dec 09 j 14:31	2° \mathbb{B} 15'20	
max. Earth dist.	-1893 Jul 28 j 00:54	15° \mathbb{B} 59'05	1.72258 AU		-1891 Dec 20 j 00:06	30° \mathbb{R} \mathbb{X}	
				evening set	-1891 Dec 24 j 23:10	27° \mathbb{X} 29'43	
superior conj	-1893 Aug 01 j 02:12	21° \mathbb{B} 02'19	1°18'13	min. Earth dist.	-1891 Dec 29 j 06:58	24° \mathbb{X} 52'26	0.27231 AU
minimum elong	-1893 Jul 31 j 19:51	20° \mathbb{B} 42'34	1°18'09	inferior conj	-1891 Dec 30 j 09:14	24° \mathbb{X} 11'11	5°55'00
	-1893 Aug 08 j 06:25	0° \mathbb{Q}		minimum elong	-1891 Dec 29 j 23:32	24° \mathbb{X} 26'26	5°52'45
	-1893 Sep 01 j 05:33	0° \mathbb{M}		morning rise	-1890 Jan 04 j 00:38	21° \mathbb{X} 21'25	
evening rise	-1893 Sep 07 j 18:41	8° \mathbb{M} 12'32		direct	-1890 Jan 19 j 22:58	16° \mathbb{X} 22'39	
	-1893 Sep 25 j 03:56	0° \mathbb{B}		greatest brilliancy	-1890 Jan 30 j 10:05	18° \mathbb{X} 25'01	-4.6m
desc. node	-1893 Oct 09 j 11:30	17° \mathbb{B} 55'31			-1890 Feb 18 j 16:44	0° \mathbb{B}	
	-1893 Oct 19 j 03:18	0° \mathbb{M}		morning max el	-1890 Mar 10 j 05:06	17° \mathbb{B} 15'27	46°07'34
	-1893 Nov 12 j 04:57	0° \mathbb{X}			-1890 Mar 22 j 21:44	0° \approx	
	-1893 Dec 06 j 10:43	0° \mathbb{B}		desc. node	-1890 Mar 26 j 06:30	3° \approx 30'29	
	-1893 Dec 31 j 00:25	0° \approx			-1890 Apr 19 j 14:52	0° \mathbb{X}	
	-1892 Jan 25 j 05:46	0° \mathbb{X}			-1890 May 15 j 21:35	0° \mathbb{Y}	
asc. node	-1892 Jan 30 j 11:58	6° \mathbb{X} 05'59			-1890 Jun 10 j 09:52	0° \mathbb{B}	
	-1892 Feb 20 j 19:08	0° \mathbb{Y}			-1890 Jul 05 j 08:49	0° \mathbb{II}	
evening max el	-1892 Mar 13 j 01:06	21° \mathbb{Y} 54'00	45°23'37	asc. node	-1890 Jul 17 j 07:35	14° \mathbb{II} 34'10	
	-1892 Mar 21 j 18:45	0° \mathbb{B}			-1890 Jul 29 j 20:46	0° \mathbb{B}	
greatest brilliancy	-1892 Apr 16 j 03:03	17° \mathbb{B} 58'22	-4.5m		-1890 Aug 23 j 00:01	0° \mathbb{Q}	
retrograde	-1892 Apr 30 j 11:40	21° \mathbb{B} 32'09		morning set	-1890 Sep 03 j 08:15	14° \mathbb{Q} 12'44	
evening set	-1892 May 15 j 11:51	17° \mathbb{B} 12'32			-1890 Sep 15 j 21:38	0° \mathbb{M}	
desc. node	-1892 May 21 j 03:52	13° \mathbb{B} 51'07			-1890 Oct 09 j 16:54	0° \mathbb{B}	
inferior conj	-1892 May 21 j 21:47	13° \mathbb{B} 23'13	0°-10'-24				
minimum elong	-1892 May 21 j 21:24	13° \mathbb{B} 23'49	0°10'17	superior conj	-1890 Oct 12 j 15:13	3° \mathbb{B} 41'36	0°53'14

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

minimum elong	-1890 Oct 13 j 02:05	4°♄15'53	0°52'49			-1887 Mar 19 j 03:04	30°♌	
max. Earth dist.	-1890 Oct 12 j 22:37	4°♄04'58	1.70969 AU	direct		-1887 Apr 01 j 16:47	26°♌20'53	
	-1890 Nov 02 j 12:22	0°♌		greatest brilliancy		-1887 Apr 13 j 23:58	29°♌01'41	-4.5m
desc. node	-1890 Nov 05 j 23:28	4°♌21'29				-1887 Apr 16 j 04:58	0°♌	
evening rise	-1890 Nov 23 j 14:41	26°♌30'36		desc. node		-1887 Apr 22 j 18:08	3°♌34'15	
	-1890 Nov 26 j 09:28	0°♌		morning max el		-1887 May 20 j 12:26	26°♌07'43	45°46'38
	-1890 Dec 20 j 09:08	0°♌				-1887 May 24 j 12:37	0°♌	
	-1889 Jan 13 j 12:43	0°♌				-1887 Jun 22 j 03:15	0°♌	
	-1889 Feb 06 j 22:40	0°♌				-1887 Jul 18 j 12:37	0°♌	
asc. node	-1889 Feb 27 j 00:04	24°♌16'40				-1887 Aug 12 j 18:29	0°♌	
	-1889 Mar 03 j 18:45	0°♌		asc. node		-1887 Aug 13 j 19:30	1°♌15'34	
	-1889 Mar 29 j 06:42	0°♌				-1887 Sep 06 j 06:56	0°♌	
	-1889 Apr 24 j 21:27	0°♌				-1887 Sep 30 j 08:41	0°♌	
	-1889 May 23 j 23:04	0°♌				-1887 Oct 24 j 05:17	0°♌	
evening max el	-1889 May 23 j 21:18	29°♌55'45	45°24'01			-1887 Nov 17 j 00:50	0°♌	
desc. node	-1889 Jun 18 j 15:41	21°♌11'18		morning set		-1887 Nov 17 j 12:20	0°♌36'10	
greatest brilliancy	-1889 Jun 29 j 23:04	27°♌11'07	-4.5m	desc. node		-1887 Dec 03 j 11:16	20°♌40'07	
retrograde	-1889 Jul 11 j 14:23	29°♌35'31				-1887 Dec 10 j 21:42	0°♌	
evening set	-1889 Jul 28 j 17:36	24°♌09'04						
inferior conj	-1889 Aug 01 j 18:33	21°♌44'03	-8°-12'-5	superior conj		-1887 Dec 29 j 15:43	23°♌28'57	0°-56'-21
minimum elong	-1889 Aug 01 j 11:22	21°♌55'03	8°11'17	minimum elong		-1887 Dec 29 j 04:12	22°♌52'57	0°55'59
min. Earth dist.	-1889 Aug 02 j 04:40	21°♌28'36	0.27990 AU	max. Earth dist.		-1886 Jan 02 j 20:16	28°♌43'06	1.71714 AU
morning rise	-1889 Aug 05 j 04:49	19°♌39'33				-1886 Jan 03 j 20:54	0°♌	
direct	-1889 Aug 22 j 23:44	13°♌42'23				-1886 Jan 27 j 22:58	0°♌	
greatest brilliancy	-1889 Sep 06 j 06:53	17°♌21'05	-4.6m	evening rise		-1886 Feb 08 j 02:49	13°♌50'31	
	-1889 Sep 24 j 20:51	0°♌				-1886 Feb 21 j 04:37	0°♌	
asc. node	-1889 Oct 09 j 16:55	13°♌42'20				-1886 Mar 17 j 14:52	0°♌	
morning max el	-1889 Oct 12 j 12:00	16°♌31'01	46°47'29	asc. node		-1886 Mar 26 j 12:09	10°♌50'39	
	-1889 Oct 25 j 06:08	0°♌				-1886 Apr 11 j 06:58	0°♌	
	-1889 Nov 20 j 13:47	0°♌				-1886 May 06 j 06:29	0°♌	
	-1889 Dec 15 j 16:34	0°♌				-1886 May 31 j 16:19	0°♌	
	-1888 Jan 09 j 09:27	0°♌				-1886 Jun 26 j 19:08	0°♌	
desc. node	-1888 Jan 29 j 09:00	24°♌22'55		desc. node		-1886 Jul 16 j 03:33	21°♌18'54	
	-1888 Feb 02 j 23:26	0°♌				-1886 Jul 24 j 08:42	0°♌	
	-1888 Feb 27 j 12:49	0°♌		evening max el		-1886 Aug 05 j 02:20	11°♌51'11	46°38'05
	-1888 Mar 23 j 02:04	0°♌				-1886 Aug 25 j 13:06	0°♌	
morning set	-1888 Apr 16 j 05:45	29°♌32'06		greatest brilliancy		-1886 Sep 13 j 12:30	11°♌19'15	-4.6m
	-1888 Apr 16 j 14:52	0°♌		retrograde		-1886 Sep 24 j 01:05	13°♌21'52	
	-1888 May 11 j 02:31	0°♌		evening set		-1886 Oct 09 j 18:01	8°♌34'01	
max. Earth dist.	-1888 May 20 j 02:50	11°♌04'04	1.73612 AU	inferior conj		-1886 Oct 14 j 14:10	5°♌42'45	-5°-26'-55
asc. node	-1888 May 21 j 09:56	12°♌39'36		minimum elong		-1886 Oct 15 j 00:28	5°♌27'09	5°24'17
				min. Earth dist.		-1886 Oct 14 j 23:35	5°♌28'30	0.26489 AU
superior conj	-1888 May 22 j 10:21	13°♌54'37	0°02'26	morning rise		-1886 Oct 20 j 06:44	2°♌23'38	
minimum elong	-1888 May 22 j 09:52	13°♌53'09	0°02'26			-1886 Oct 25 j 09:05	30°♌	
behind sun begin	-1888 May 21 j 11:54	12°♌45'39		direct		-1886 Nov 03 j 23:51	28°♌05'38	
behind sun end	-1888 May 23 j 07:50	15°♌00'39		asc. node		-1886 Nov 06 j 04:29	28°♌11'31	
	-1888 Jun 04 j 12:14	0°♌				-1886 Nov 13 j 22:34	0°♌	
evening rise	-1888 Jun 27 j 02:12	27°♌51'47		greatest brilliancy		-1886 Nov 16 j 12:57	1°♌03'27	-4.7m
	-1888 Jun 28 j 19:42	0°♌				-1886 Dec 23 j 04:14	0°♌	
	-1888 Jul 23 j 01:32	0°♌		morning max el		-1886 Dec 24 j 15:21	1°♌28'26	46°47'34
	-1888 Aug 16 j 07:12	0°♌				-1885 Jan 20 j 04:22	0°♌	
	-1888 Sep 09 j 14:28	0°♌				-1885 Feb 15 j 09:24	0°♌	
desc. node	-1888 Sep 10 j 01:34	0°♌34'12		desc. node		-1885 Feb 25 j 20:54	12°♌14'35	
	-1888 Oct 04 j 01:12	0°♌				-1885 Mar 12 j 22:25	0°♌	
	-1888 Oct 28 j 18:20	0°♌				-1885 Apr 07 j 03:14	0°♌	
	-1888 Nov 23 j 01:04	0°♌				-1885 May 02 j 02:21	0°♌	
	-1888 Dec 19 j 17:20	0°♌				-1885 May 26 j 20:14	0°♌	
evening max el	-1888 Dec 29 j 15:22	10°♌20'36	46°38'02	asc. node		-1885 Jun 18 j 21:49	28°♌13'11	
asc. node	-1887 Jan 01 j 02:10	12°♌47'54				-1885 Jun 20 j 08:34	0°♌	
	-1887 Jan 20 j 05:05	0°♌		morning set		-1885 Jun 23 j 06:33	3°♌35'12	
greatest brilliancy	-1887 Feb 03 j 05:06	9°♌06'30	-4.6m			-1885 Jul 14 j 15:20	0°♌	
retrograde	-1887 Feb 17 j 22:15	13°♌01'42		max. Earth dist.		-1885 Jul 25 j 14:36	13°♌38'13	1.72317 AU
evening set	-1887 Mar 07 j 11:56	7°♌02'51						
inferior conj	-1887 Mar 11 j 06:50	4°♌40'18	7°44'41	superior conj		-1885 Jul 29 j 18:59	18°♌50'54	1°16'56
minimum elong	-1887 Mar 11 j 13:31	4°♌29'41	7°43'56	minimum elong		-1885 Jul 29 j 12:12	18°♌29'45	1°16'50
min. Earth dist.	-1887 Mar 11 j 05:53	4°♌41'49	0.28991 AU			-1885 Aug 07 j 17:24	0°♌	
morning rise	-1887 Mar 15 j 15:14	1°♌57'29				-1885 Aug 31 j 16:39	0°♌	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening rise	-1885 Sep 05 j 08:06	5° \mathbb{M} 49'14		morning max el	-1882 Mar 07 j 18:06	14° \mathfrak{C} 55'16	46°08'54
	-1885 Sep 24 j 15:10	0° $\underline{\mathfrak{A}}$			-1882 Mar 22 j 16:18	0° \approx	
desc. node	-1885 Oct 08 j 13:34	17° $\underline{\mathfrak{A}}$ 26'24		desc. node	-1882 Mar 25 j 08:36	2° \approx 48'54	
	-1885 Oct 18 j 14:43	0° \mathbb{M}			-1882 Apr 19 j 05:21	0° \mathfrak{H}	
	-1885 Nov 11 j 16:37	0° \mathfrak{J}			-1882 May 15 j 10:19	0° \mathfrak{Y}	
	-1885 Dec 05 j 22:44	0° \mathfrak{C}			-1882 Jun 09 j 21:42	0° \mathfrak{B}	
	-1885 Dec 30 j 13:01	0° \approx			-1882 Jul 04 j 20:09	0° \mathbb{I}	
asc. node	-1884 Jan 24 j 19:36	0° \mathfrak{H}		asc. node	-1882 Jul 16 j 09:48	14° \mathbb{I} 06'47	
	-1884 Jan 29 j 14:06	5° \mathfrak{H} 31'10			-1882 Jul 29 j 07:49	0° \mathfrak{C}	
	-1884 Feb 20 j 11:53	0° \mathfrak{Y}			-1882 Aug 22 j 10:56	0° \mathfrak{Q}	
evening max el	-1884 Mar 10 j 16:59	19° \mathfrak{Y} 43'07	45°24'59	morning set	-1882 Aug 31 j 22:19	11° \mathfrak{Q} 51'58	
	-1884 Mar 21 j 22:08	0° \mathfrak{B}			-1882 Sep 15 j 08:33	0° \mathbb{M}	
greatest brilliancy	-1884 Apr 13 j 19:30	15° \mathfrak{B} 50'10	-4.5m		-1882 Oct 09 j 03:53	0° $\underline{\mathfrak{A}}$	
retrograde	-1884 Apr 28 j 03:26	19° \mathfrak{B} 23'37					
evening set	-1884 May 13 j 04:58	15° \mathfrak{B} 02'59		superior conj	-1882 Oct 10 j 02:04	1° $\underline{\mathfrak{A}}$ 09'56	0°56'11
inferior conj	-1884 May 19 j 14:07	11° \mathfrak{B} 14'23	0°09'09	minimum elong	-1882 Oct 10 j 13:04	1° $\underline{\mathfrak{A}}$ 44'38	0°55'47
minimum elong	-1884 May 19 j 14:27	11° \mathfrak{B} 13'51	0°09'05	max. Earth dist.	-1882 Oct 10 j 03:02	1° $\underline{\mathfrak{A}}$ 12'59	1.70987 AU
transit middle	-1884 May 19 j 14:27	11° \mathfrak{B} 13'51	0°09'05		-1882 Nov 01 j 23:24	0° \mathbb{M}	
transit begin	-1884 May 19 j 11:05	11° \mathfrak{B} 19'06		desc. node	-1882 Nov 05 j 01:28	3° \mathbb{M} 53'00	
transit end	-1884 May 19 j 17:49	11° \mathfrak{B} 08'36		evening rise	-1882 Nov 20 j 23:45	23° \mathbb{M} 53'42	
min. Earth dist.	-1884 May 19 j 23:41	10° \mathfrak{B} 59'26	0.28954 AU		-1882 Nov 25 j 20:34	0° \mathfrak{J}	
desc. node	-1884 May 20 j 05:51	10° \mathfrak{B} 49'48			-1882 Dec 19 j 20:17	0° \mathfrak{C}	
morning rise	-1884 May 25 j 23:39	7° \mathfrak{B} 24'26			-1881 Jan 12 j 23:58	0° \approx	
direct	-1884 Jun 10 j 08:37	2° \mathfrak{B} 55'04			-1881 Feb 06 j 10:10	0° \mathfrak{H}	
greatest brilliancy	-1884 Jun 24 j 13:35	6° \mathfrak{B} 25'49	-4.5m	asc. node	-1881 Feb 26 j 02:12	23° \mathfrak{H} 47'19	
	-1884 Jul 26 j 02:10	0° \mathbb{I}			-1881 Mar 03 j 06:48	0° \mathfrak{Y}	
morning max el	-1884 Jul 29 j 14:54	3° \mathbb{I} 23'00	46°07'38		-1881 Mar 28 j 19:55	0° \mathfrak{B}	
	-1884 Aug 24 j 00:23	0° \mathfrak{C}			-1881 Apr 24 j 13:15	0° \mathbb{I}	
asc. node	-1884 Sep 10 j 07:20	19° \mathfrak{C} 41'27		evening max el	-1881 May 21 j 11:29	27° \mathbb{I} 40'44	45°22'29
	-1884 Sep 19 j 01:48	0° \mathfrak{Q}			-1881 May 23 j 22:31	0° \mathfrak{C}	
	-1884 Oct 13 j 21:51	0° \mathbb{M}		desc. node	-1881 Jun 17 j 17:53	19° \mathfrak{C} 52'59	
	-1884 Nov 07 j 04:11	0° $\underline{\mathfrak{A}}$		greatest brilliancy	-1881 Jun 27 j 09:07	24° \mathfrak{C} 50'49	-4.5m
	-1884 Dec 01 j 05:34	0° \mathbb{M}		retrograde	-1881 Jul 09 j 04:35	27° \mathfrak{C} 19'14	
	-1884 Dec 25 j 06:41	0° \mathfrak{J}		evening set	-1881 Jul 26 j 03:57	21° \mathfrak{C} 57'15	
desc. node	-1884 Dec 30 j 23:14	7° \mathfrak{J} 05'17		inferior conj	-1881 Jul 30 j 08:45	19° \mathfrak{C} 26'51	-8°-3'-19
	-1883 Jan 18 j 09:28	0° \mathfrak{C}		minimum elong	-1881 Jul 30 j 00:58	19° \mathfrak{C} 38'44	8°02'21
morning set	-1883 Feb 02 j 10:46	18° \mathfrak{C} 40'26		min. Earth dist.	-1881 Jul 30 j 18:20	19° \mathfrak{C} 12'15	0.28040 AU
	-1883 Feb 11 j 14:20	0° \approx		morning rise	-1881 Aug 02 j 21:41	17° \mathfrak{C} 18'37	
	-1883 Mar 07 j 21:17	0° \mathfrak{H}		direct	-1881 Aug 20 j 14:37	11° \mathfrak{C} 24'12	
				greatest brilliancy	-1881 Sep 03 j 23:53	15° \mathfrak{C} 05'33	-4.6m
superior conj	-1883 Mar 13 j 06:09	6° \mathfrak{H} 36'59	-1°-16'-39		-1881 Sep 25 j 04:49	0° \mathfrak{Q}	
minimum elong	-1883 Mar 13 j 13:31	6° \mathfrak{H} 59'40	1°16'31	asc. node	-1881 Oct 08 j 18:57	12° \mathfrak{Q} 49'54	
max. Earth dist.	-1883 Mar 15 j 10:15	9° \mathfrak{H} 17'27	1.73262 AU	morning max el	-1881 Oct 10 j 02:45	14° \mathfrak{Q} 10'14	46°46'36
	-1883 Apr 01 j 06:15	0° \mathfrak{Y}			-1881 Oct 25 j 00:28	0° \mathbb{M}	
evening rise	-1883 Apr 19 j 11:19	22° \mathfrak{Y} 21'02			-1881 Nov 20 j 04:36	0° $\underline{\mathfrak{A}}$	
asc. node	-1883 Apr 23 j 00:03	26° \mathfrak{Y} 40'46			-1881 Dec 15 j 05:48	0° \mathbb{M}	
	-1883 Apr 25 j 17:05	0° \mathfrak{B}			-1880 Jan 08 j 21:46	0° \mathfrak{J}	
	-1883 May 20 j 05:33	0° \mathbb{I}		desc. node	-1880 Jan 28 j 11:07	23° \mathfrak{J} 53'21	
	-1883 Jun 13 j 19:51	0° \mathfrak{C}			-1880 Feb 02 j 11:07	0° \mathfrak{C}	
	-1883 Jul 08 j 13:06	0° \mathfrak{Q}			-1880 Feb 27 j 00:04	0° \approx	
	-1883 Aug 02 j 11:43	0° \mathbb{M}			-1880 Mar 22 j 12:58	0° \mathfrak{H}	
desc. node	-1883 Aug 12 j 15:32	12° \mathbb{M} 05'44		morning set	-1880 Apr 14 j 00:01	27° \mathfrak{H} 28'23	
	-1883 Aug 27 j 20:03	0° $\underline{\mathfrak{A}}$			-1880 Apr 16 j 01:33	0° \mathfrak{Y}	
	-1883 Sep 22 j 23:23	0° \mathbb{M}			-1880 May 10 j 13:06	0° \mathfrak{B}	
evening max el	-1883 Oct 17 j 03:33	25° \mathbb{M} 59'28	47°30'06	max. Earth dist.	-1880 May 18 j 02:41	9° \mathfrak{B} 17'22	1.73635 AU
	-1883 Oct 21 j 03:21	0° \mathfrak{J}					
greatest brilliancy	-1883 Nov 24 j 07:32	26° \mathfrak{J} 44'23	-4.7m	superior conj	-1880 May 20 j 05:21	11° \mathfrak{B} 53'00	0°00'-39
asc. node	-1883 Dec 03 j 16:25	29° \mathfrak{J} 36'18		minimum elong	-1880 May 20 j 05:28	11° \mathfrak{B} 53'21	0°00'39
retrograde	-1883 Dec 07 j 04:20	29° \mathfrak{J} 51'05		behind sun begin	-1880 May 19 j 07:21	10° \mathfrak{B} 45'26	
evening set	-1883 Dec 22 j 10:30	25° \mathfrak{J} 10'18		behind sun end	-1880 May 21 j 03:34	13° \mathfrak{B} 01'16	
min. Earth dist.	-1883 Dec 26 j 21:36	22° \mathfrak{J} 28'37	0.27156 AU	asc. node	-1880 May 20 j 12:04	12° \mathfrak{B} 13'39	
inferior conj	-1883 Dec 27 j 23:12	21° \mathfrak{J} 48'27	5°38'41		-1880 Jun 03 j 22:51	0° \mathbb{I}	
minimum elong	-1883 Dec 27 j 13:34	22° \mathfrak{J} 03'33	5°36'22	evening rise	-1880 Jun 24 j 21:22	25° \mathbb{I} 49'35	
morning rise	-1882 Jan 01 j 17:19	18° \mathfrak{J} 54'45			-1880 Jun 28 j 06:27	0° \mathfrak{C}	
direct	-1882 Jan 17 j 11:41	14° \mathfrak{J} 01'05			-1880 Jul 22 j 12:32	0° \mathfrak{Q}	
greatest brilliancy	-1882 Jan 28 j 00:23	16° \mathfrak{J} 04'35	-4.6m		-1880 Aug 15 j 18:33	0° \mathbb{M}	
	-1882 Feb 19 j 04:23	0° \mathfrak{C}		desc. node	-1880 Sep 09 j 03:35	0° $\underline{\mathfrak{A}}$ 04'03	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1880 Sep 09 j 02:16	0°♊		desc. node	-1877 Feb 24 j 22:56	11°♊41'30	
	-1880 Oct 03 j 13:35	0°♋			-1877 Mar 12 j 11:02	0°♋	
	-1880 Oct 28 j 07:36	0°♌			-1877 Apr 06 j 15:01	0°♌	
	-1880 Nov 22 j 15:58	0°♍			-1877 May 01 j 13:36	0°♍	
	-1880 Dec 19 j 12:09	0°♎			-1877 May 26 j 07:10	0°♎	
evening max el	-1880 Dec 27 j 07:26	8°♎05'54	46°41'00	asc. node	-1877 Jun 18 j 00:03	27°♎46'56	
asc. node	-1880 Dec 31 j 04:22	11°♎57'43			-1877 Jun 19 j 19:21	0°♏	
	-1879 Jan 20 j 19:13	0°♏		morning set	-1877 Jun 21 j 00:57	1°♏31'05	
greatest brilliancy	-1879 Jan 31 j 22:04	6°♏55'57	-4.6m		-1877 Jul 14 j 02:04	0°♐	
retrograde	-1879 Feb 15 j 15:39	10°♏51'29		max. Earth dist.	-1877 Jul 23 j 05:53	11°♐22'59	1.72377 AU
evening set	-1879 Mar 05 j 06:27	4°♏49'23					
inferior conj	-1879 Mar 08 j 23:23	2°♏29'51	7°52'16	superior conj	-1877 Jul 27 j 12:22	16°♐42'01	1°15'33
minimum elong	-1879 Mar 09 j 05:34	2°♏20'01	7°51'38	minimum elong	-1877 Jul 27 j 05:10	16°♐19'37	1°15'26
min. Earth dist.	-1879 Mar 08 j 20:57	2°♏33'43	0.28959 AU		-1877 Aug 07 j 04:13	0°♑	
	-1879 Mar 12 j 23:17	30°♑			-1877 Aug 31 j 03:37	0°♑	
morning rise	-1879 Mar 13 j 04:52	29°♑51'38		evening rise	-1877 Sep 02 j 22:03	3°♑28'06	
direct	-1879 Mar 30 j 09:07	24°♑11'04			-1877 Sep 24 j 02:21	0°♒	
greatest brilliancy	-1879 Apr 11 j 13:31	26°♑49'47	-4.5m	desc. node	-1877 Oct 07 j 15:36	16°♒57'21	
	-1879 Apr 18 j 00:34	0°♒			-1877 Oct 18 j 02:09	0°♓	
desc. node	-1879 Apr 21 j 20:06	2°♒18'30			-1877 Nov 11 j 04:21	0°♓	
morning max el	-1879 May 18 j 05:27	24°♒01'16	45°46'39		-1877 Dec 05 j 10:50	0°♔	
	-1879 May 24 j 08:57	0°♔			-1877 Dec 30 j 01:45	0°♔	
	-1879 Jun 21 j 18:10	0°♕			-1876 Jan 24 j 09:35	0°♕	
	-1879 Jul 18 j 01:31	0°♖		asc. node	-1876 Jan 28 j 16:13	4°♕55'59	
	-1879 Aug 12 j 06:28	0°♖			-1876 Feb 20 j 04:58	0°♖	
asc. node	-1879 Aug 12 j 21:36	0°♖45'47		evening max el	-1876 Mar 08 j 07:59	17°♖30'10	45°26'35
	-1879 Sep 05 j 18:28	0°♗			-1876 Mar 22 j 03:15	0°♗	
	-1879 Sep 29 j 20:00	0°♗		greatest brilliancy	-1876 Apr 11 j 11:31	13°♗41'50	-4.5m
	-1879 Oct 23 j 16:28	0°♘		retrograde	-1876 Apr 25 j 19:21	17°♗16'02	
morning set	-1879 Nov 14 j 22:14	28°♘01'25		evening set	-1876 May 10 j 22:24	12°♗53'54	
	-1879 Nov 16 j 11:55	0°♙		inferior conj	-1876 May 17 j 06:40	9°♗06'25	0°28'41
desc. node	-1879 Dec 02 j 13:27	20°♙12'17		minimum elong	-1876 May 17 j 07:43	9°♗04'47	0°28'24
	-1879 Dec 10 j 08:42	0°♚		min. Earth dist.	-1876 May 17 j 16:47	8°♗50'35	0.28971 AU
				desc. node	-1876 May 19 j 08:05	7°♗49'23	
superior conj	-1879 Dec 27 j 01:36	20°♚55'28	0°-53'-21	morning rise	-1876 May 23 j 16:40	5°♗15'19	
minimum elong	-1879 Dec 26 j 14:14	20°♚19'52	0°52'59	direct	-1876 Jun 08 j 00:48	0°♗46'43	
max. Earth dist.	-1879 Dec 31 j 08:01	26°♚15'37	1.71663 AU	greatest brilliancy	-1876 Jun 22 j 05:04	4°♗15'51	-4.5m
	-1878 Jan 03 j 07:51	0°♛			-1876 Jul 26 j 01:14	0°♘	
	-1878 Jan 27 j 09:54	0°♛		morning max el	-1876 Jul 27 j 05:28	1°♘08'11	46°06'27
evening rise	-1878 Feb 05 j 15:52	11°♛28'31			-1876 Aug 23 j 16:20	0°♙	
	-1878 Feb 20 j 15:33	0°♜		asc. node	-1876 Sep 09 j 09:23	19°♙06'03	
	-1878 Mar 17 j 01:55	0°♜			-1876 Sep 18 j 15:24	0°♚	
asc. node	-1878 Mar 25 j 14:10	10°♜22'55			-1876 Oct 13 j 10:23	0°♛	
	-1878 Apr 10 j 18:18	0°♝			-1876 Nov 06 j 16:12	0°♛	
	-1878 May 05 j 18:25	0°♞			-1876 Nov 30 j 17:16	0°♙	
	-1878 May 31 j 05:21	0°♞			-1876 Dec 24 j 18:10	0°♚	
	-1878 Jun 26 j 10:17	0°♟		desc. node	-1876 Dec 30 j 01:22	6°♚36'21	
desc. node	-1878 Jul 15 j 05:40	20°♟36'30			-1875 Jan 17 j 20:44	0°♛	
	-1878 Jul 24 j 04:44	0°♞		morning set	-1875 Jan 30 j 23:06	16°♛15'25	
evening max el	-1878 Aug 02 j 16:12	9°♞30'16	46°34'56		-1875 Feb 11 j 01:25	0°♛	
	-1878 Aug 26 j 07:45	0°♞			-1875 Mar 07 j 08:13	0°♜	
greatest brilliancy	-1878 Sep 11 j 01:08	8°♞51'26	-4.6m				
retrograde	-1878 Sep 21 j 12:48	10°♞52'33		superior conj	-1875 Mar 10 j 22:02	4°♜24'27	-1°-18'00
evening set	-1878 Oct 07 j 09:14	6°♞00'38		minimum elong	-1875 Mar 11 j 04:55	4°♜45'40	1°17'54
inferior conj	-1878 Oct 12 j 02:07	3°♞13'38	-5°-46'-5	max. Earth dist.	-1875 Mar 13 j 04:54	7°♜13'26	1.73217 AU
minimum elong	-1878 Oct 12 j 12:40	2°♞57'38	5°43'28		-1875 Mar 31 j 17:08	0°♜	
min. Earth dist.	-1878 Oct 12 j 12:24	2°♞58'03	0.26524 AU	evening rise	-1875 Apr 17 j 05:18	20°♜15'32	
morning rise	-1878 Oct 17 j 15:56	29°♞58'02		asc. node	-1875 Apr 22 j 02:12	26°♜13'50	
	-1878 Oct 17 j 14:29	30°♞			-1875 Apr 25 j 04:02	0°♝	
direct	-1878 Nov 01 j 12:46	25°♞36'15			-1875 May 19 j 16:43	0°♞	
asc. node	-1878 Nov 05 j 06:40	25°♞53'10			-1875 Jun 13 j 07:21	0°♟	
greatest brilliancy	-1878 Nov 14 j 02:29	28°♞34'42	-4.7m		-1875 Jul 08 j 01:09	0°♟	
	-1878 Nov 17 j 00:28	0°♟			-1875 Aug 02 j 00:40	0°♞	
morning max el	-1878 Dec 22 j 04:18	29°♟01'16	46°48'26	desc. node	-1875 Aug 11 j 17:36	11°♟32'02	
	-1878 Dec 23 j 03:24	0°♞			-1875 Aug 27 j 10:28	0°♞	
	-1877 Jan 19 j 20:54	0°♟			-1875 Sep 22 j 16:37	0°♙	
	-1877 Feb 14 j 23:22	0°♟		evening max el	-1875 Oct 14 j 16:46	23°♙33'03	47°29'51

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1875 Oct 21 j 04:26	0°♊		superior conj	-1872 May 17 j 23:54	9°♌48'52	0°-3'-47
greatest brilliancy	-1875 Nov 21 j 23:54	24°♊21'19	-4.7m	minimum elong	-1872 May 18 j 00:39	9°♌51'09	0°03'43
asc. node	-1875 Dec 02 j 18:36	27°♊20'50		behind sun begin	-1872 May 17 j 02:57	8°♌44'29	
retrograde	-1875 Dec 04 j 18:00	27°♊25'37		behind sun end	-1872 May 18 j 22:21	10°♌57'50	
evening set	-1875 Dec 19 j 21:42	22°♊48'57		asc. node	-1872 May 19 j 14:14	11°♌46'37	
min. Earth dist.	-1875 Dec 24 j 12:01	20°♊03'09	0.27091 AU		-1872 Jun 03 j 09:49	0°♍	
inferior conj	-1875 Dec 25 j 12:55	19°♊24'11	5°21'21	evening rise	-1872 Jun 22 j 16:16	23°♍45'36	
minimum elong	-1875 Dec 25 j 03:27	19°♊39'00	5°18'59		-1872 Jun 27 j 17:32	0°♎	
morning rise	-1875 Dec 30 j 09:50	16°♊26'40			-1872 Jul 21 j 23:53	0°♏	
direct	-1874 Jan 15 j 00:10	11°♊37'35			-1872 Aug 15 j 06:16	0°♐	
greatest brilliancy	-1874 Jan 25 j 15:23	13°♊43'18	-4.6m	desc. node	-1872 Sep 08 j 05:38	29°♐32'56	
	-1874 Feb 19 j 13:36	0°♋			-1872 Sep 08 j 14:26	0°♑	
morning max el	-1874 Mar 05 j 07:37	12°♋34'57	46°10'20		-1872 Oct 03 j 02:20	0°♒	
	-1874 Mar 22 j 10:49	0°♌			-1872 Oct 27 j 21:16	0°♓	
desc. node	-1874 Mar 24 j 10:37	2°♌06'29			-1872 Nov 22 j 07:21	0°♈	
	-1874 Apr 18 j 19:59	0°♍			-1872 Dec 19 j 07:47	0°♉	
	-1874 May 14 j 23:14	0°♎		evening max el	-1872 Dec 24 j 23:44	5°♉50'53	46°43'48
	-1874 Jun 09 j 09:42	0°♏		asc. node	-1872 Dec 30 j 06:24	11°♉05'25	
	-1874 Jul 04 j 07:38	0°♐			-1871 Jan 21 j 14:50	0°♊	
asc. node	-1874 Jul 15 j 11:47	13°♐38'10		greatest brilliancy	-1871 Jan 29 j 15:47	4°♊45'19	-4.6m
	-1874 Jul 28 j 19:02	0°♑		retrograde	-1871 Feb 13 j 08:48	8°♊39'43	
	-1874 Aug 21 j 22:03	0°♒		evening set	-1871 Mar 03 j 00:43	2°♊34'55	
morning set	-1874 Aug 29 j 12:53	9°♒32'19		inferior conj	-1871 Mar 06 j 15:49	0°♊17'57	7°59'08
	-1874 Sep 14 j 19:39	0°♓		minimum elong	-1871 Mar 06 j 21:27	0°♊08'57	7°58'36
				min. Earth dist.	-1871 Mar 06 j 11:49	0°♊24'17	0.28928 AU
superior conj	-1874 Oct 07 j 13:31	28°♓39'38	0°58'59		-1871 Mar 07 j 03:05	30°♋	
minimum elong	-1874 Oct 08 j 00:33	29°♓14'26	0°58'35	morning rise	-1871 Mar 10 j 18:26	27°♋44'04	
max. Earth dist.	-1874 Oct 07 j 11:32	28°♓33'22	1.71004 AU	direct	-1871 Mar 28 j 01:39	21°♋59'57	
	-1874 Oct 08 j 15:01	0°♌		greatest brilliancy	-1871 Apr 09 j 02:15	24°♋35'28	-4.5m
	-1874 Nov 01 j 10:37	0°♍			-1871 Apr 19 j 07:08	0°♌	
desc. node	-1874 Nov 04 j 03:41	3°♍24'41		desc. node	-1871 Apr 20 j 22:20	1°♌04'06	
evening rise	-1874 Nov 18 j 09:14	21°♍17'38		morning max el	-1871 May 15 j 21:54	21°♌52'04	45°46'36
	-1874 Nov 25 j 07:50	0°♎			-1871 May 24 j 05:12	0°♍	
	-1874 Dec 19 j 07:40	0°♏			-1871 Jun 21 j 09:21	0°♎	
	-1873 Jan 12 j 11:31	0°♐			-1871 Jul 17 j 14:44	0°♏	
	-1873 Feb 05 j 22:02	0°♑		asc. node	-1871 Aug 11 j 23:40	0°♑14'54	
asc. node	-1873 Feb 25 j 04:12	23°♑16'25			-1871 Aug 11 j 18:45	0°♒	
	-1873 Mar 02 j 19:18	0°♓			-1871 Sep 05 j 06:16	0°♓	
	-1873 Mar 28 j 09:38	0°♌			-1871 Sep 29 j 07:34	0°♔	
	-1873 Apr 24 j 05:43	0°♍			-1871 Oct 23 j 03:55	0°♕	
evening max el	-1873 May 19 j 02:29	25°♍26'55	45°21'15	morning set	-1871 Nov 12 j 08:18	25°♕26'12	
	-1873 May 23 j 23:30	0°♎			-1871 Nov 15 j 23:17	0°♖	
desc. node	-1873 Jun 16 j 19:57	18°♎31'15		desc. node	-1871 Dec 01 j 15:32	19°♖43'13	
greatest brilliancy	-1873 Jun 24 j 19:19	22°♎30'18	-4.5m		-1871 Dec 09 j 20:00	0°♗	
retrograde	-1873 Jul 06 j 19:08	25°♎02'31					
evening set	-1873 Jul 23 j 14:30	19°♎45'09		superior conj	-1871 Dec 24 j 11:38	18°♗21'27	0°-50'-15
inferior conj	-1873 Jul 27 j 23:04	17°♎09'14	-7°-53'-52	minimum elong	-1871 Dec 24 j 00:30	17°♗46'39	0°49'52
minimum elong	-1873 Jul 27 j 14:46	17°♎21'54	7°52'45	max. Earth dist.	-1871 Dec 28 j 21:11	23°♗51'34	1.71608 AU
min. Earth dist.	-1873 Jul 28 j 07:51	16°♎55'50	0.28085 AU		-1870 Jan 02 j 19:05	0°♘	
morning rise	-1873 Jul 31 j 14:45	14°♎57'03			-1870 Jan 26 j 21:05	0°♙	
direct	-1873 Aug 18 j 06:05	9°♎05'49		evening rise	-1870 Feb 03 j 05:00	9°♙05'51	
greatest brilliancy	-1873 Sep 01 j 16:04	12°♎48'35	-4.6m		-1870 Feb 20 j 02:45	0°♚	
	-1873 Sep 25 j 10:47	0°♏			-1870 Mar 16 j 13:15	0°♛	
asc. node	-1873 Oct 07 j 21:04	11°♏58'05		asc. node	-1870 Mar 24 j 16:20	9°♛54'40	
morning max el	-1873 Oct 07 j 18:03	11°♏50'27	46°45'43		-1870 Apr 10 j 05:59	0°♜	
	-1873 Oct 24 j 18:35	0°♐			-1870 May 05 j 06:46	0°♝	
	-1873 Nov 19 j 19:27	0°♑			-1870 May 30 j 18:53	0°♞	
	-1873 Dec 14 j 19:09	0°♒			-1870 Jun 26 j 02:03	0°♟	
	-1872 Jan 08 j 10:15	0°♓		desc. node	-1870 Jul 14 j 07:41	19°♟52'13	
desc. node	-1872 Jan 27 j 13:07	23°♓22'44			-1870 Jul 24 j 01:51	0°♔	
	-1872 Feb 01 j 23:02	0°♈		evening max el	-1870 Jul 31 j 05:09	7°♔06'10	46°31'54
	-1872 Feb 26 j 11:36	0°♉			-1870 Aug 27 j 09:25	0°♕	
	-1872 Mar 22 j 00:15	0°♊		greatest brilliancy	-1870 Sep 08 j 14:37	6°♕24'00	-4.6m
morning set	-1872 Apr 11 j 17:53	25°♊22'12		retrograde	-1870 Sep 19 j 00:07	8°♕22'49	
	-1872 Apr 15 j 12:38	0°♋		evening set	-1870 Oct 05 j 00:34	3°♕26'43	
	-1872 May 10 j 00:05	0°♌		inferior conj	-1870 Oct 09 j 14:11	0°♕44'11	-6°-4'-24
max. Earth dist.	-1872 May 16 j 02:10	7°♌28'22	1.73650 AU	minimum elong	-1870 Oct 10 j 00:53	0°♕27'54	6°01'51

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

min. Earth dist.	-1870 Oct 10 j 01:32	0°♁26'56	0.26560 AU	max. Earth dist.	-1867 Mar 10 j 21:37	5°♂03'19	1.73171 AU
	-1870 Oct 10 j 19:18	30°♂♂			-1867 Mar 31 j 04:03	0°♀	
morning rise	-1870 Oct 15 j 00:59	27°♂32'17		evening rise	-1867 Apr 14 j 23:16	18°♀09'58	
direct	-1870 Oct 30 j 01:06	23°♂06'19		asc. node	-1867 Apr 21 j 04:22	25°♀46'53	
asc. node	-1870 Nov 04 j 08:52	23°♂39'57			-1867 Apr 24 j 15:00	0°♂	
greatest brilliancy	-1870 Nov 11 j 16:38	26°♂06'04	-4.7m		-1867 May 19 j 03:52	0°♂	
	-1870 Nov 18 j 20:51	0°♁			-1867 Jun 12 j 18:54	0°♂	
morning max el	-1870 Dec 19 j 16:31	26°♁31'20	46°49'17		-1867 Jul 07 j 13:19	0°♂	
	-1870 Dec 23 j 01:56	0°♂			-1867 Aug 01 j 13:48	0°♂	
	-1869 Jan 19 j 13:24	0°♂		desc. node	-1867 Aug 10 j 19:37	10°♂57'45	
	-1869 Feb 14 j 13:27	0°♂			-1867 Aug 27 j 01:11	0°♁	
desc. node	-1869 Feb 24 j 01:01	11°♂08'00			-1867 Sep 22 j 10:24	0°♂	
	-1869 Mar 11 j 23:47	0°♂		evening max el	-1867 Oct 12 j 06:23	21°♂07'18	47°29'41
	-1869 Apr 06 j 02:58	0°♂			-1867 Oct 21 j 07:01	0°♂	
	-1869 May 01 j 01:03	0°♀		greatest brilliancy	-1867 Nov 19 j 15:21	21°♂56'32	-4.7m
	-1869 May 25 j 18:19	0°♂		asc. node	-1867 Dec 01 j 20:35	24°♂59'20	
asc. node	-1869 Jun 17 j 02:03	27°♂19'06		retrograde	-1867 Dec 02 j 07:58	24°♂59'36	
morning set	-1869 Jun 18 j 19:07	29°♂25'23		evening set	-1867 Dec 17 j 08:51	20°♂26'34	
	-1869 Jun 19 j 06:23	0°♂		min. Earth dist.	-1867 Dec 22 j 01:57	17°♂37'21	0.27025 AU
	-1869 Jul 13 j 13:06	0°♂		inferior conj	-1867 Dec 23 j 02:26	16°♂59'10	5°03'20
max. Earth dist.	-1869 Jul 20 j 21:48	9°♂08'54	1.72439 AU	minimum elong	-1867 Dec 22 j 17:11	17°♂13'36	5°00'56
				morning rise	-1867 Dec 28 j 02:09	13°♂58'11	
superior conj	-1869 Jul 25 j 05:30	14°♂31'34	1°14'03	direct	-1866 Jan 12 j 12:45	9°♂13'24	
minimum elong	-1869 Jul 24 j 21:56	14°♂08'00	1°13'54	greatest brilliancy	-1866 Jan 23 j 05:33	11°♂20'57	-4.6m
	-1869 Aug 06 j 15:18	0°♂			-1866 Feb 19 j 20:14	0°♂	
	-1869 Aug 30 j 14:49	0°♂		morning max el	-1866 Mar 02 j 21:57	10°♂16'46	46°11'47
evening rise	-1869 Aug 31 j 11:54	1°♂05'59			-1866 Mar 22 j 04:49	0°♂	
	-1869 Sep 23 j 13:44	0°♁		desc. node	-1866 Mar 23 j 12:49	1°♂25'17	
desc. node	-1869 Oct 06 j 17:46	16°♁28'04			-1866 Apr 18 j 10:23	0°♂	
	-1869 Oct 17 j 13:47	0°♂			-1866 May 14 j 11:59	0°♀	
	-1869 Nov 10 j 16:17	0°♂			-1866 Jun 08 j 21:33	0°♂	
	-1869 Dec 04 j 23:09	0°♂			-1866 Jul 03 j 19:00	0°♂	
	-1869 Dec 29 j 14:43	0°♂		asc. node	-1866 Jul 14 j 13:55	13°♂10'20	
	-1868 Jan 23 j 23:52	0°♂			-1866 Jul 28 j 06:08	0°♂	
asc. node	-1868 Jan 27 j 18:16	4°♂20'00			-1866 Aug 21 j 09:04	0°♂	
	-1868 Feb 19 j 22:33	0°♀		morning set	-1866 Aug 27 j 03:28	7°♂13'03	
evening max el	-1868 Mar 05 j 22:21	15°♀15'17	45°28'21		-1866 Sep 14 j 06:42	0°♂	
	-1868 Mar 22 j 10:43	0°♂					
greatest brilliancy	-1868 Apr 09 j 02:16	11°♂31'37	-4.5m	superior conj	-1866 Oct 05 j 00:45	26°♂08'39	1°01'40
retrograde	-1868 Apr 23 j 11:30	15°♂08'22		minimum elong	-1866 Oct 05 j 11:42	26°♂43'11	1°01'18
evening set	-1868 May 08 j 15:56	10°♂44'11		max. Earth dist.	-1866 Oct 04 j 20:12	25°♂54'19	1.71026 AU
inferior conj	-1868 May 14 j 23:14	6°♂58'10	0°48'04		-1866 Oct 08 j 02:09	0°♁	
minimum elong	-1868 May 15 j 00:59	6°♂55'25	0°47'34		-1866 Oct 31 j 21:48	0°♂	
min. Earth dist.	-1868 May 15 j 09:50	6°♂41'34	0.28993 AU	desc. node	-1866 Nov 03 j 05:44	2°♂55'53	
desc. node	-1868 May 18 j 10:07	4°♂49'52		evening rise	-1866 Nov 15 j 18:11	18°♂39'52	
morning rise	-1868 May 21 j 09:36	3°♂06'17			-1866 Nov 24 j 19:05	0°♂	
	-1868 May 28 j 08:20	30°♂♀			-1866 Dec 18 j 18:58	0°♂	
direct	-1868 Jun 05 j 16:46	28°♀37'54			-1865 Jan 11 j 22:58	0°♂	
	-1868 Jun 14 j 09:35	0°♂			-1865 Feb 05 j 09:48	0°♂	
greatest brilliancy	-1868 Jun 19 j 21:31	2°♂06'49	-4.5m	asc. node	-1865 Feb 24 j 06:22	22°♂46'28	
morning max el	-1868 Jul 24 j 20:42	28°♂54'32	46°05'10		-1865 Mar 02 j 07:41	0°♀	
	-1868 Jul 25 j 23:37	0°♂			-1865 Mar 27 j 23:17	0°♂	
	-1868 Aug 23 j 08:15	0°♂			-1865 Apr 23 j 22:15	0°♂	
asc. node	-1868 Sep 08 j 11:32	18°♂30'35		evening max el	-1865 May 16 j 18:22	23°♂16'00	45°20'06
	-1868 Sep 18 j 05:06	0°♂			-1865 May 24 j 01:27	0°♂	
	-1868 Oct 12 j 23:03	0°♂		desc. node	-1865 Jun 15 j 21:59	17°♂07'47	
	-1868 Nov 06 j 04:18	0°♁		greatest brilliancy	-1865 Jun 22 j 06:28	20°♂12'07	-4.5m
	-1868 Nov 30 j 05:02	0°♂		retrograde	-1865 Jul 04 j 09:44	22°♂47'03	
	-1868 Dec 24 j 05:40	0°♂		evening set	-1865 Jul 21 j 01:16	17°♂34'40	
desc. node	-1868 Dec 29 j 03:20	6°♂06'45		inferior conj	-1865 Jul 25 j 13:33	14°♂53'05	-7°-43'-39
	-1867 Jan 17 j 08:02	0°♂		minimum elong	-1865 Jul 25 j 04:48	15°♂06'27	7°42'24
morning set	-1867 Jan 28 j 11:12	13°♂49'21		min. Earth dist.	-1865 Jul 25 j 21:29	14°♂40'57	0.28128 AU
	-1867 Feb 10 j 12:31	0°♂		morning rise	-1865 Jul 29 j 08:05	12°♂36'39	
	-1867 Mar 06 j 19:12	0°♂		direct	-1865 Aug 15 j 21:47	6°♂49'10	
				greatest brilliancy	-1865 Aug 30 j 07:00	10°♂31'17	-4.6m
superior conj	-1867 Mar 08 j 13:51	2°♂11'30	-1°-19'-14		-1865 Sep 25 j 14:30	0°♂	
minimum elong	-1867 Mar 08 j 20:14	2°♂31'10	1°19'11	morning max el	-1865 Oct 05 j 09:03	9°♂30'45	46°44'30

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1865 Oct 06 j 23:16	11°08'06		asc. node	-1862 Mar 23 j 18:26	9°07'10	
	-1865 Oct 24 j 12:08	0°00			-1862 Apr 09 j 17:22	0°08	
	-1865 Nov 19 j 10:01	0°01			-1862 May 04 j 18:49	0°02	
	-1865 Dec 14 j 08:18	0°03			-1862 May 30 j 08:10	0°05	
	-1864 Jan 07 j 22:33	0°07			-1862 Jun 25 j 17:40	0°08	
desc. node	-1864 Jan 26 j 15:17	22°05'30		desc. node	-1862 Jul 13 j 09:50	19°08'48	
	-1864 Feb 01 j 10:46	0°00			-1862 Jul 23 j 23:15	0°00	
	-1864 Feb 25 j 22:54	0°00		evening max el	-1862 Jul 28 j 17:24	4°04'41	46°28'54
	-1864 Mar 21 j 11:15	0°00			-1862 Aug 28 j 20:07	0°01	
morning set	-1864 Apr 09 j 11:42	23°00'16	42	greatest brilliancy	-1862 Sep 06 j 04:34	3°05'58	-4.6m
	-1864 Apr 14 j 23:26	0°00		retrograde	-1862 Sep 16 j 11:23	5°05'55	14
	-1864 May 09 j 10:47	0°00		evening set	-1862 Oct 02 j 16:04	0°05'54	39
max. Earth dist.	-1864 May 14 j 01:05	5°08'38	1.73662 AU		-1862 Oct 04 j 05:51	30°08'00	
				inferior conj	-1862 Oct 07 j 02:25	28°00'16	-6°-21'-41
superior conj	-1864 May 15 j 18:36	7°08'45	59 0°-6'-51	minimum elong	-1862 Oct 07 j 13:12	28°00'00	27 6°19'15
minimum elong	-1864 May 15 j 19:57	7°05'50	10 0°06'47	min. Earth dist.	-1862 Oct 07 j 15:02	27°00'57	41 0.26598 AU
behind sun begin	-1864 May 14 j 23:41	6°08'47	53	morning rise	-1862 Oct 12 j 10:02	25°00'08	58
behind sun end	-1864 May 16 j 16:14	8°08'52	27	direct	-1862 Oct 27 j 13:14	20°00'38	11
asc. node	-1864 May 18 j 16:13	11°08'19	50	asc. node	-1862 Nov 03 j 10:47	21°00'33	47
	-1864 Jun 02 j 20:31	0°00		greatest brilliancy	-1862 Nov 09 j 07:42	23°00'40	23 -4.7m
evening rise	-1864 Jun 20 j 11:25	21°00'43	13		-1862 Nov 20 j 02:26	0°01	
	-1864 Jun 27 j 04:22	0°00		morning max el	-1862 Dec 17 j 04:44	24°02'02	33 46°50'04
	-1864 Jul 21 j 10:56	0°00			-1862 Dec 22 j 23:07	0°00	
	-1864 Aug 14 j 17:40	0°00			-1861 Jan 19 j 05:14	0°00	
desc. node	-1864 Sep 07 j 07:50	29°00'03	19		-1861 Feb 14 j 03:04	0°00	
	-1864 Sep 08 j 02:18	0°00		desc. node	-1861 Feb 23 j 03:09	10°03'35	43
	-1864 Oct 02 j 14:52	0°00			-1861 Mar 11 j 12:11	0°00	
	-1864 Oct 27 j 10:49	0°00			-1861 Apr 05 j 14:36	0°00	
	-1864 Nov 21 j 22:45	0°00			-1861 Apr 30 j 12:11	0°00	
	-1864 Dec 19 j 03:53	0°00			-1861 May 25 j 05:09	0°00	
evening max el	-1864 Dec 22 j 15:49	3°00'35	27 46°46'32	asc. node	-1861 Jun 16 j 04:07	26°08'52	37
asc. node	-1864 Dec 29 j 08:31	10°00'12	39	morning set	-1861 Jun 16 j 13:14	27°08'20	38
	-1863 Jan 22 j 17:37	0°00			-1861 Jun 18 j 17:04	0°00	
greatest brilliancy	-1863 Jan 27 j 10:32	2°00'36	04 -4.6m		-1861 Jul 12 j 23:46	0°00	
retrograde	-1863 Feb 11 j 01:33	6°00'36	04 27'51	max. Earth dist.	-1861 Jul 18 j 16:03	7°03'03	11 1.72501 AU
evening set	-1863 Feb 28 j 18:43	0°00'36	04 20'58				
	-1863 Mar 01 j 08:17	30°00'00		superior conj	-1861 Jul 22 j 22:45	12°02'22	35 1°12'26
inferior conj	-1863 Mar 04 j 08:08	28°00'00	17 8°05'22	minimum elong	-1861 Jul 22 j 14:52	11°02'58	03 1°12'17
minimum elong	-1863 Mar 04 j 13:11	27°00'58	15 8°04'57		-1861 Aug 06 j 02:04	0°00	
min. Earth dist.	-1863 Mar 04 j 02:47	28°00'14	49 0.28889 AU	evening rise	-1861 Aug 29 j 02:11	28°00'46	20
morning rise	-1863 Mar 08 j 07:55	25°00'36	32		-1861 Aug 30 j 01:43	0°00	
direct	-1863 Mar 25 j 17:48	19°00'49	19		-1861 Sep 23 j 00:50	0°01	
greatest brilliancy	-1863 Apr 06 j 14:26	22°00'21	02 -4.5m	desc. node	-1861 Oct 05 j 19:48	15°01'59	22
desc. node	-1863 Apr 20 j 00:24	29°00'52	20		-1861 Oct 17 j 01:07	0°00	
	-1863 Apr 20 j 04:49	0°00			-1861 Nov 10 j 03:52	0°00	
morning max el	-1863 May 13 j 13:20	19°00'41	21 45°46'37		-1861 Dec 04 j 11:07	0°00	
	-1863 May 24 j 00:26	0°00			-1861 Dec 29 j 03:22	0°00	
	-1863 Jun 20 j 23:57	0°00			-1860 Jan 23 j 13:57	0°00	
	-1863 Jul 17 j 03:30	0°00		asc. node	-1860 Jan 26 j 20:25	3°00'45	02
asc. node	-1863 Aug 11 j 01:48	29°00'45	24		-1860 Feb 19 j 16:14	0°00	
	-1863 Aug 11 j 06:37	0°00		evening max el	-1860 Mar 03 j 13:06	13°00'02	03 45°30'09
	-1863 Sep 04 j 17:41	0°00			-1860 Mar 22 j 20:36	0°00	
	-1863 Sep 28 j 18:45	0°00		greatest brilliancy	-1860 Apr 06 j 16:22	9°08'21	15 -4.5m
	-1863 Oct 22 j 14:59	0°00		retrograde	-1860 Apr 21 j 04:08	13°00'01	29
morning set	-1863 Nov 09 j 18:37	22°01'52	50	evening set	-1860 May 06 j 09:38	8°08'34	55
	-1863 Nov 15 j 10:17	0°00		inferior conj	-1860 May 12 j 15:49	4°08'50	34 1°07'17
desc. node	-1863 Nov 30 j 17:31	19°00'14	55	minimum elong	-1860 May 12 j 18:15	4°08'46	45 1°06'37
	-1863 Dec 09 j 06:59	0°00		min. Earth dist.	-1860 May 13 j 02:42	4°08'33	32 0.29013 AU
				desc. node	-1860 May 17 j 12:06	1°08'52	43
superior conj	-1863 Dec 21 j 21:25	15°00'47	37 0°-47'-2	morning rise	-1860 May 19 j 02:26	0°08'58	22
minimum elong	-1863 Dec 21 j 10:40	15°00'47	37 0°46'38		-1860 May 20 j 22:46	30°00'00	
max. Earth dist.	-1863 Dec 26 j 08:10	21°00'47	37 1.71558 AU	direct	-1860 Jun 03 j 08:57	26°00'00	
	-1862 Jan 02 j 06:02	0°00		greatest brilliancy	-1860 Jun 17 j 14:24	29°00'59	18 -4.5m
	-1862 Jan 26 j 08:00	0°00			-1860 Jun 17 j 15:01	0°00	
evening rise	-1862 Jan 31 j 17:30	6°00'41	58	morning max el	-1860 Jul 22 j 12:51	26°08'44	11 46°03'57
	-1862 Feb 19 j 13:40	0°00			-1860 Jul 25 j 20:47	0°00	
	-1862 Mar 16 j 00:18	0°00			-1860 Aug 22 j 23:36	0°00	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1860 Sep 07 j 13:38	17° \mathfrak{C} 56'07		evening max el	-1857 May 14 j 10:16	21° \mathbb{H} 05'06	45°18'50
	-1860 Sep 17 j 18:23	0° \mathcal{Q}			-1857 May 24 j 05:00	0° \mathfrak{C}	
	-1860 Oct 12 j 11:22	0° \mathfrak{M}		desc. node	-1857 Jun 15 j 00:09	15° \mathfrak{C} 41'29	
	-1860 Nov 05 j 16:06	0° \mathfrak{L}		greatest brilliancy	-1857 Jun 19 j 18:46	17° \mathfrak{C} 55'09	-4.5m
	-1860 Nov 29 j 16:30	0° \mathfrak{M}		retrograde	-1857 Jul 01 j 23:53	20° \mathfrak{C} 31'27	
	-1860 Dec 23 j 16:54	0° \mathfrak{A}		evening set	-1857 Jul 18 j 12:09	15° \mathfrak{C} 24'17	
desc. node	-1860 Dec 28 j 05:30	5° \mathfrak{A} 38'41		inferior conj	-1857 Jul 23 j 04:06	12° \mathfrak{C} 37'04	-7°-32'-47
	-1859 Jan 16 j 19:02	0° \mathfrak{C}		minimum elong	-1857 Jul 22 j 18:57	12° \mathfrak{C} 51'05	7°31'23
morning set	-1859 Jan 25 j 23:25	11° \mathfrak{C} 24'27		min. Earth dist.	-1857 Jul 23 j 11:34	12° \mathfrak{C} 25'37	0.28169 AU
	-1859 Feb 09 j 23:21	0° \approx		morning rise	-1857 Jul 27 j 01:30	10° \mathfrak{C} 16'08	
				direct	-1857 Aug 13 j 13:18	4° \mathfrak{C} 32'38	
superior conj	-1859 Mar 06 j 05:41	29° \approx 59'17	-1°-20'-22	greatest brilliancy	-1857 Aug 27 j 21:12	8° \mathfrak{C} 12'53	-4.6m
minimum elong	-1859 Mar 06 j 11:31	0° \mathfrak{H} 17'14	1°20'19		-1857 Sep 25 j 16:45	0° \mathcal{Q}	
	-1859 Mar 06 j 05:55	0° \mathfrak{H}		morning max el	-1857 Oct 02 j 23:11	7° \mathcal{Q} 08'50	46°43'17
max. Earth dist.	-1859 Mar 08 j 14:26	2° \mathfrak{H} 54'13	1.73129 AU	asc. node	-1857 Oct 06 j 01:14	10° \mathcal{Q} 18'10	
	-1859 Mar 30 j 14:46	0° \mathfrak{Y}			-1857 Oct 24 j 05:22	0° \mathfrak{M}	
evening rise	-1859 Apr 12 j 17:10	16° \mathfrak{Y} 04'50			-1857 Nov 19 j 00:27	0° \mathfrak{L}	
asc. node	-1859 Apr 20 j 06:21	25° \mathfrak{Y} 19'58			-1857 Dec 13 j 21:25	0° \mathfrak{M}	
	-1859 Apr 24 j 01:48	0° \mathfrak{B}			-1856 Jan 07 j 10:54	0° \mathfrak{A}	
	-1859 May 18 j 14:52	0° \mathbb{H}		desc. node	-1856 Jan 25 j 17:22	22° \mathfrak{A} 22'52	
	-1859 Jun 12 j 06:16	0° \mathfrak{C}			-1856 Jan 31 j 22:35	0° \mathfrak{C}	
	-1859 Jul 07 j 01:19	0° \mathcal{Q}			-1856 Feb 25 j 10:19	0° \approx	
	-1859 Aug 01 j 02:49	0° \mathfrak{M}			-1856 Mar 20 j 22:21	0° \mathfrak{H}	
desc. node	-1859 Aug 09 j 21:48	10° \mathfrak{M} 24'21		morning set	-1856 Apr 07 j 05:34	21° \mathfrak{H} 11'01	
	-1859 Aug 26 j 15:52	0° \mathfrak{L}			-1856 Apr 14 j 10:20	0° \mathfrak{Y}	
	-1859 Sep 22 j 04:22	0° \mathfrak{M}			-1856 May 08 j 21:34	0° \mathfrak{B}	
evening max el	-1859 Oct 09 j 20:58	18° \mathfrak{M} 44'39	47°29'21	max. Earth dist.	-1856 May 11 j 23:27	3° \mathfrak{B} 46'42	1.73672 AU
	-1859 Oct 21 j 10:58	0° \mathfrak{A}					
greatest brilliancy	-1859 Nov 17 j 06:26	19° \mathfrak{A} 31'39	-4.7m	superior conj	-1856 May 13 j 13:24	5° \mathfrak{B} 43'11	0°-9'-54
retrograde	-1859 Nov 29 j 22:22	22° \mathfrak{A} 33'43		minimum elong	-1856 May 13 j 15:22	5° \mathfrak{B} 49'14	0°09'48
asc. node	-1859 Nov 30 j 22:44	22° \mathfrak{A} 32'26		behind sun begin	-1856 May 12 j 21:44	4° \mathfrak{B} 55'04	
evening set	-1859 Dec 14 j 20:08	18° \mathfrak{A} 04'07		behind sun end	-1856 May 14 j 09:00	6° \mathfrak{B} 43'24	
min. Earth dist.	-1859 Dec 19 j 15:38	15° \mathfrak{A} 11'50	0.26958 AU	asc. node	-1856 May 17 j 18:22	10° \mathfrak{B} 53'13	
inferior conj	-1859 Dec 20 j 15:50	14° \mathfrak{A} 34'13	4°44'37		-1856 Jun 02 j 07:20	0° \mathbb{H}	
minimum elong	-1859 Dec 20 j 06:53	14° \mathfrak{A} 48'08	4°42'13	evening rise	-1856 Jun 18 j 06:39	19° \mathbb{H} 40'43	
morning rise	-1859 Dec 25 j 18:20	11° \mathfrak{A} 29'55			-1856 Jun 26 j 15:21	0° \mathfrak{C}	
direct	-1858 Jan 10 j 01:46	6° \mathfrak{A} 49'26			-1856 Jul 20 j 22:12	0° \mathcal{Q}	
greatest brilliancy	-1858 Jan 20 j 18:46	8° \mathfrak{A} 57'51	-4.6m		-1856 Aug 14 j 05:18	0° \mathfrak{M}	
	-1858 Feb 20 j 00:34	0° \mathfrak{C}		desc. node	-1856 Sep 06 j 09:49	28° \mathfrak{M} 32'16	
morning max el	-1858 Feb 28 j 12:52	8° \mathfrak{C} 00'33	46°13'17		-1856 Sep 07 j 14:25	0° \mathfrak{L}	
	-1858 Mar 21 j 22:11	0° \approx			-1856 Oct 02 j 03:39	0° \mathfrak{M}	
desc. node	-1858 Mar 22 j 14:52	0° \approx 44'45			-1856 Oct 27 j 00:39	0° \mathfrak{A}	
	-1858 Apr 18 j 00:26	0° \mathfrak{H}			-1856 Nov 21 j 14:35	0° \mathfrak{C}	
	-1858 May 14 j 00:31	0° \mathfrak{Y}			-1856 Dec 19 j 00:52	0° \approx	
	-1858 Jun 08 j 09:17	0° \mathfrak{B}		evening max el	-1856 Dec 20 j 07:02	1° \approx 16'58	46°49'09
	-1858 Jul 03 j 06:15	0° \mathbb{H}		asc. node	-1856 Dec 28 j 10:40	9° \approx 18'18	
asc. node	-1858 Jul 13 j 16:05	12° \mathbb{H} 42'51			-1855 Jan 24 j 08:51	0° \mathfrak{H}	
	-1858 Jul 27 j 17:09	0° \mathfrak{C}		greatest brilliancy	-1855 Jan 25 j 05:23	0° \mathfrak{H} 25'52	-4.6m
	-1858 Aug 20 j 20:00	0° \mathcal{Q}		retrograde	-1855 Feb 08 j 17:49	4° \mathfrak{H} 14'54	
morning set	-1858 Aug 24 j 18:13	4° \mathcal{Q} 54'45			-1855 Feb 23 j 06:59	30° \mathfrak{R} \approx	
	-1858 Sep 13 j 17:39	0° \mathfrak{M}		evening set	-1855 Feb 26 j 12:28	28° \approx 06'22	
max. Earth dist.	-1858 Oct 02 j 04:20	23° \mathfrak{M} 14'00	1.71049 AU	inferior conj	-1855 Mar 02 j 00:25	25° \approx 53'43	8°10'59
				minimum elong	-1855 Mar 02 j 04:49	25° \approx 46'40	8°10'40
superior conj	-1858 Oct 02 j 12:16	23° \mathfrak{M} 39'01	1°04'12	min. Earth dist.	-1855 Mar 01 j 18:04	26° \approx 03'51	0.28847 AU
minimum elong	-1858 Oct 02 j 23:03	24° \mathfrak{M} 13'00	1°03'52	morning rise	-1855 Mar 05 j 21:27	23° \approx 27'50	
	-1858 Oct 07 j 13:10	0° \mathfrak{L}		direct	-1855 Mar 23 j 09:21	17° \approx 37'38	
	-1858 Oct 31 j 08:55	0° \mathfrak{M}		greatest brilliancy	-1855 Apr 04 j 03:09	20° \approx 06'09	-4.5m
desc. node	-1858 Nov 02 j 07:44	2° \mathfrak{M} 27'11		desc. node	-1855 Apr 19 j 02:23	28° \approx 41'34	
evening rise	-1858 Nov 13 j 03:14	16° \mathfrak{M} 02'34			-1855 Apr 20 j 21:19	0° \mathfrak{H}	
	-1858 Nov 24 j 06:17	0° \mathfrak{A}		morning max el	-1855 May 11 j 04:08	17° \mathfrak{H} 28'13	45°46'51
	-1858 Dec 18 j 06:16	0° \mathfrak{C}			-1855 May 23 j 19:24	0° \mathfrak{Y}	
	-1857 Jan 11 j 10:26	0° \approx			-1855 Jun 20 j 14:36	0° \mathfrak{B}	
	-1857 Feb 04 j 21:34	0° \mathfrak{H}			-1855 Jul 16 j 16:25	0° \mathbb{H}	
asc. node	-1857 Feb 23 j 08:28	22° \mathfrak{H} 16'19		asc. node	-1855 Aug 10 j 03:53	29° \mathbb{H} 15'02	
	-1857 Mar 01 j 20:04	0° \mathfrak{Y}			-1855 Aug 10 j 18:43	0° \mathfrak{C}	
	-1857 Mar 27 j 13:00	0° \mathfrak{B}			-1855 Sep 04 j 05:23	0° \mathcal{Q}	
	-1857 Apr 23 j 15:05	0° \mathbb{H}			-1855 Sep 28 j 06:15	0° \mathfrak{M}	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1855 Oct 22 j 02:22	0°♄		retrograde	-1852 Apr 18 j 21:03	10°♄53'02	
morning set	-1855 Nov 07 j 04:46	20°♄17'48		evening set	-1852 May 04 j 03:23	6°♄23'59	
	-1855 Nov 14 j 21:37	0°♄		inferior conj	-1852 May 10 j 08:16	2°♄41'18	1°26'33
desc. node	-1855 Nov 29 j 19:43	18°♄46'18		minimum elong	-1852 May 10 j 11:23	2°♄36'26	1°25'41
	-1855 Dec 08 j 18:15	0°♄		min. Earth dist.	-1852 May 10 j 19:09	2°♄24'18	0.29033 AU
					-1852 May 14 j 17:23	30°♄	
superior conj	-1855 Dec 19 j 06:59	13°♄12'06	0°-43'-41	morning rise	-1852 May 16 j 19:00	28°♄49'08	
minimum elong	-1855 Dec 18 j 20:41	12°♄39'51	0°43'17	desc. node	-1852 May 16 j 14:22	28°♄55'32	
max. Earth dist.	-1855 Dec 23 j 16:45	18°♄43'08	1.71507 AU	direct	-1852 Jun 01 j 01:30	24°♄20'01	
	-1854 Jan 01 j 17:16	0°♄		greatest brilliancy	-1852 Jun 15 j 06:51	27°♄49'56	-4.5m
	-1854 Jan 25 j 19:13	0°♄			-1852 Jun 19 j 12:35	0°♄	
evening rise	-1854 Jan 29 j 05:47	4°♄16'19		morning max el	-1852 Jul 20 j 05:47	24°♄34'45	46°02'53
	-1854 Feb 19 j 00:56	0°♄			-1852 Jul 25 j 17:42	0°♄	
	-1854 Mar 15 j 11:43	0°♄			-1852 Aug 22 j 15:04	0°♄	
asc. node	-1854 Mar 22 j 20:26	8°♄58'15		asc. node	-1852 Sep 06 j 15:41	17°♄20'41	
	-1854 Apr 09 j 05:09	0°♄			-1852 Sep 17 j 07:52	0°♄	
	-1854 May 04 j 07:17	0°♄			-1852 Oct 11 j 23:56	0°♄	
	-1854 May 29 j 21:52	0°♄			-1852 Nov 05 j 04:12	0°♄	
	-1854 Jun 25 j 09:52	0°♄			-1852 Nov 29 j 04:19	0°♄	
desc. node	-1854 Jul 12 j 11:56	18°♄23'44			-1852 Dec 23 j 04:30	0°♄	
	-1854 Jul 23 j 21:52	0°♄		desc. node	-1852 Dec 27 j 07:37	5°♄09'12	
evening max el	-1854 Jul 26 j 05:02	2°♄14'57	46°25'50		-1851 Jan 16 j 06:26	0°♄	
	-1854 Aug 31 j 01:27	0°♄		morning set	-1851 Jan 23 j 11:04	8°♄56'19	
greatest brilliancy	-1854 Sep 03 j 17:33	1°♄31'06	-4.6m		-1851 Feb 09 j 10:35	0°♄	
retrograde	-1854 Sep 13 j 22:37	3°♄26'25					
	-1854 Sep 27 j 04:56	30°♄		superior conj	-1851 Mar 03 j 20:56	27°♄43'56	-1°-21'-22
evening set	-1854 Sep 30 j 07:25	28°♄20'46		minimum elong	-1851 Mar 04 j 02:07	27°♄59'58	1°21'20
inferior conj	-1854 Oct 04 j 14:32	25°♄47'53	-6°-38'-18		-1851 Mar 05 j 17:02	0°♄	
minimum elong	-1854 Oct 05 j 01:18	25°♄31'33	6°35'59	max. Earth dist.	-1851 Mar 06 j 07:55	0°♄45'56	1.73085 AU
min. Earth dist.	-1854 Oct 05 j 04:20	25°♄26'56	0.26645 AU		-1851 Mar 30 j 01:51	0°♄	
morning rise	-1854 Oct 09 j 18:49	22°♄44'35		evening rise	-1851 Apr 10 j 10:44	13°♄57'32	
direct	-1854 Oct 25 j 01:22	18°♄08'08		asc. node	-1851 Apr 19 j 08:29	24°♄52'25	
asc. node	-1854 Nov 02 j 13:00	19°♄31'12			-1851 Apr 23 j 12:58	0°♄	
greatest brilliancy	-1854 Nov 06 j 23:28	21°♄14'01	-4.7m		-1851 May 18 j 02:15	0°♄	
	-1854 Nov 21 j 00:45	0°♄			-1851 Jun 11 j 18:04	0°♄	
morning max el	-1854 Dec 14 j 17:45	21°♄34'12	46°50'55		-1851 Jul 06 j 13:45	0°♄	
	-1854 Dec 22 j 20:09	0°♄			-1851 Jul 31 j 16:14	0°♄	
	-1853 Jan 18 j 21:17	0°♄		desc. node	-1851 Aug 08 j 23:49	9°♄49'28	
	-1853 Feb 13 j 16:58	0°♄			-1851 Aug 26 j 07:00	0°♄	
desc. node	-1853 Feb 22 j 05:12	10°♄02'13			-1851 Sep 21 j 22:58	0°♄	
	-1853 Mar 11 j 00:53	0°♄		evening max el	-1851 Oct 07 j 12:22	16°♄23'37	47°28'51
	-1853 Apr 05 j 02:33	0°♄			-1851 Oct 21 j 17:03	0°♄	
	-1853 Apr 29 j 23:40	0°♄		greatest brilliancy	-1851 Nov 14 j 21:27	17°♄06'01	-4.7m
	-1853 May 24 j 16:22	0°♄		retrograde	-1851 Nov 27 j 12:49	20°♄06'38	
morning set	-1853 Jun 14 j 07:35	25°♄15'28		asc. node	-1851 Nov 30 j 00:53	19°♄58'45	
asc. node	-1853 Jun 15 j 06:20	26°♄25'21		evening set	-1851 Dec 12 j 07:35	15°♄40'26	
	-1853 Jun 18 j 04:08	0°♄		min. Earth dist.	-1851 Dec 17 j 05:14	12°♄45'12	0.26896 AU
	-1853 Jul 12 j 10:48	0°♄		inferior conj	-1851 Dec 18 j 05:09	12°♄08'04	4°25'08
max. Earth dist.	-1853 Jul 16 j 11:55	5°♄01'30	1.72558 AU	minimum elong	-1851 Dec 17 j 20:36	12°♄21'21	4°22'47
				morning rise	-1851 Dec 23 j 10:23	9°♄00'28	
superior conj	-1853 Jul 20 j 16:18	10°♄13'31	1°10'44	direct	-1850 Jan 07 j 15:08	4°♄24'27	
minimum elong	-1853 Jul 20 j 08:09	9°♄48'09	1°10'33	greatest brilliancy	-1850 Jan 18 j 07:30	6°♄32'54	-4.6m
	-1853 Aug 05 j 13:09	0°♄			-1850 Feb 20 j 03:43	0°♄	
evening rise	-1853 Aug 26 j 16:54	26°♄27'04		morning max el	-1850 Feb 26 j 03:40	5°♄42'45	46°14'35
	-1853 Aug 29 j 12:58	0°♄		desc. node	-1850 Mar 21 j 16:55	0°♄03'35	
	-1853 Sep 22 j 12:19	0°♄			-1850 Mar 21 j 15:36	0°♄	
desc. node	-1853 Oct 04 j 21:51	15°♄29'31			-1850 Apr 17 j 14:42	0°♄	
	-1853 Oct 16 j 12:52	0°♄			-1850 May 13 j 13:18	0°♄	
	-1853 Nov 09 j 15:55	0°♄			-1850 Jun 07 j 21:14	0°♄	
	-1853 Dec 03 j 23:36	0°♄			-1850 Jul 02 j 17:45	0°♄	
	-1853 Dec 28 j 16:34	0°♄		asc. node	-1850 Jul 12 j 18:04	12°♄14'03	
	-1852 Jan 23 j 04:40	0°♄			-1850 Jul 27 j 04:24	0°♄	
asc. node	-1852 Jan 25 j 22:29	3°♄08'11			-1850 Aug 20 j 07:10	0°♄	
	-1852 Feb 19 j 10:52	0°♄		morning set	-1850 Aug 22 j 09:08	2°♄36'16	
evening max el	-1852 Mar 01 j 04:29	10°♄49'04	45°32'08		-1850 Sep 13 j 04:49	0°♄	
	-1852 Mar 23 j 10:45	0°♄		max. Earth dist.	-1850 Sep 29 j 09:50	20°♄24'53	1.71068 AU
greatest brilliancy	-1852 Apr 04 j 06:29	7°♄09'34	-4.5m				

Planetary Phenomena of Venus from -1900 through -1400 (UT), Astrodienst AG 7-Dez-2017 14:43, page 11

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1850 Sep 30 j 00:18	21° \cap 10'29	1°06'35	min. Earth dist.	-1847 Feb 27 j 09:50	23° \approx 53'51	0.28807 AU
minimum elong	-1850 Sep 30 j 10:51	21° \cap 43'40	1°06'16	morning rise	-1847 Mar 03 j 11:27	21° \approx 20'13	
	-1850 Oct 07 j 00:22	0° $\underline{\cap}$		direct	-1847 Mar 21 j 00:44	15° \approx 27'04	
	-1850 Oct 30 j 20:10	0° \cap		greatest brilliancy	-1847 Apr 01 j 17:08	17° \approx 53'39	-4.5m
desc. node	-1850 Nov 01 j 09:57	1° \cap 58'46		desc. node	-1847 Apr 18 j 04:38	27° \approx 34'01	
evening rise	-1850 Nov 10 j 12:38	13° \cap 25'54			-1847 Apr 21 j 09:17	0° \cap	
	-1850 Nov 23 j 17:36	0° \nearrow		morning max el	-1847 May 08 j 19:05	15° \cap 15'57	45°47'02
	-1850 Dec 17 j 17:41	0° $\overline{\cap}$			-1847 May 23 j 13:42	0° Υ	
	-1849 Jan 10 j 22:03	0° \approx			-1847 Jun 20 j 04:58	0° \cap	
	-1849 Feb 04 j 09:31	0° \cap			-1847 Jul 16 j 05:08	0° \cap	
asc. node	-1849 Feb 22 j 10:28	21° \cap 45'15		asc. node	-1847 Aug 09 j 05:58	28° \cap 45'08	
	-1849 Mar 01 j 08:43	0° Υ			-1847 Aug 10 j 06:38	0° $\overline{\cap}$	
	-1849 Mar 27 j 03:05	0° \cap			-1847 Sep 03 j 16:54	0° \cap	
	-1849 Apr 23 j 08:31	0° \cap			-1847 Sep 27 j 17:33	0° \cap	
evening max el	-1849 May 12 j 01:28	18° \cap 51'55	45°17'41		-1847 Oct 21 j 13:34	0° $\underline{\cap}$	
	-1849 May 24 j 10:40	0° $\overline{\cap}$		morning set	-1847 Nov 04 j 14:57	17° $\underline{\cap}$ 43'25	
desc. node	-1849 Jun 14 j 02:13	14° $\overline{\cap}$ 11'30			-1847 Nov 14 j 08:45	0° \cap	
greatest brilliancy	-1849 Jun 17 j 07:33	15° $\overline{\cap}$ 38'18	-4.5m	desc. node	-1847 Nov 28 j 21:47	18° \cap 17'52	
retrograde	-1849 Jun 29 j 13:28	18° $\overline{\cap}$ 15'35			-1847 Dec 08 j 05:21	0° \nearrow	
evening set	-1849 Jul 15 j 23:06	13° $\overline{\cap}$ 13'27					
inferior conj	-1849 Jul 20 j 18:41	10° $\overline{\cap}$ 20'51	-7°-21'-16	superior conj	-1847 Dec 16 j 16:37	10° \nearrow 37'20	0°-40'-14
minimum elong	-1849 Jul 20 j 09:12	10° $\overline{\cap}$ 35'25	7°19'42	minimum elong	-1847 Dec 16 j 06:51	10° \nearrow 06'43	0°39'52
min. Earth dist.	-1849 Jul 21 j 02:04	10° $\overline{\cap}$ 09'31	0.28210 AU	max. Earth dist.	-1847 Dec 20 j 22:18	15° \nearrow 55'45	1.71453 AU
morning rise	-1849 Jul 24 j 19:01	7° $\overline{\cap}$ 55'17			-1846 Jan 01 j 04:18	0° $\overline{\cap}$	
direct	-1849 Aug 11 j 04:24	2° $\overline{\cap}$ 15'45			-1846 Jan 25 j 06:11	0° \approx	
greatest brilliancy	-1849 Aug 25 j 11:55	5° $\overline{\cap}$ 54'42	-4.6m	evening rise	-1846 Jan 26 j 18:16	1° \approx 52'01	
	-1849 Sep 25 j 17:50	0° \cap			-1846 Feb 18 j 11:54	0° \cap	
morning max el	-1849 Sep 30 j 12:31	4° \cap 44'31	46°42'13		-1846 Mar 14 j 22:51	0° Υ	
asc. node	-1849 Oct 05 j 03:25	9° \cap 29'11		asc. node	-1846 Mar 21 j 22:39	8° Υ 30'54	
	-1849 Oct 23 j 22:22	0° \cap			-1846 Apr 08 j 16:40	0° \cap	
	-1849 Nov 18 j 14:47	0° $\underline{\cap}$			-1846 May 03 j 19:32	0° \cap	
	-1849 Dec 13 j 10:27	0° \cap			-1846 May 29 j 11:26	0° $\overline{\cap}$	
	-1848 Jan 06 j 23:08	0° \nearrow			-1846 Jun 25 j 02:05	0° \cap	
desc. node	-1848 Jan 24 j 19:23	21° \nearrow 52'43		desc. node	-1846 Jul 11 j 13:58	17° \cap 38'33	
	-1848 Jan 31 j 10:19	0° $\overline{\cap}$		evening max el	-1846 Jul 23 j 17:10	29° \cap 50'26	46°22'54
	-1848 Feb 24 j 21:41	0° \approx			-1846 Jul 23 j 21:07	0° \cap	
	-1848 Mar 20 j 09:28	0° \cap		greatest brilliancy	-1846 Sep 01 j 05:28	29° \cap 03'37	-4.6m
morning set	-1848 Apr 04 j 23:16	19° \cap 04'44			-1846 Sep 04 j 05:21	0° $\underline{\cap}$	
	-1848 Apr 13 j 21:15	0° Υ		retrograde	-1846 Sep 11 j 10:30	0° $\underline{\cap}$ 59'06	
	-1848 May 08 j 08:24	0° \cap			-1846 Sep 18 j 10:35	30° \cap	
max. Earth dist.	-1848 May 09 j 19:56	1° \cap 49'01	1.73682 AU	evening set	-1846 Sep 27 j 22:51	25° \cap 48'05	
				inferior conj	-1846 Oct 02 j 02:45	23° \cap 20'07	-6°-53'-58
superior conj	-1848 May 11 j 08:04	3° \cap 39'54	0°-12'-58	minimum elong	-1846 Oct 02 j 13:25	23° \cap 03'57	6°51'47
minimum elong	-1848 May 11 j 10:38	3° \cap 47'47	0°12'50	min. Earth dist.	-1846 Oct 02 j 17:22	22° \cap 57'58	0.26695 AU
behind sun begin	-1848 May 10 j 21:29	3° \cap 07'27		morning rise	-1846 Oct 07 j 03:36	20° \cap 21'50	
behind sun end	-1848 May 11 j 23:46	4° \cap 28'07		direct	-1846 Oct 22 j 14:05	15° \cap 39'17	
asc. node	-1848 May 16 j 20:31	10° \cap 26'36		asc. node	-1846 Nov 01 j 15:10	17° \cap 34'37	
	-1848 Jun 01 j 18:11	0° \cap		greatest brilliancy	-1846 Nov 04 j 15:12	18° \cap 48'53	-4.7m
evening rise	-1848 Jun 16 j 01:44	17° \cap 37'52			-1846 Nov 21 j 16:55	0° $\underline{\cap}$	
	-1848 Jun 26 j 02:22	0° $\overline{\cap}$		morning max el	-1846 Dec 12 j 07:50	19° $\underline{\cap}$ 09'31	46°51'40
	-1848 Jul 20 j 09:29	0° \cap			-1846 Dec 22 j 16:11	0° \cap	
	-1848 Aug 13 j 16:57	0° \cap			-1845 Jan 18 j 12:46	0° \nearrow	
desc. node	-1848 Sep 05 j 11:54	28° \cap 01'29			-1845 Feb 13 j 06:24	0° $\overline{\cap}$	
	-1848 Sep 07 j 02:34	0° $\underline{\cap}$		desc. node	-1845 Feb 21 j 07:16	9° $\overline{\cap}$ 29'53	
	-1848 Oct 01 j 16:29	0° \cap			-1845 Mar 10 j 13:09	0° \approx	
	-1848 Oct 26 j 14:33	0° \nearrow			-1845 Apr 04 j 14:05	0° \cap	
	-1848 Nov 21 j 06:31	0° $\overline{\cap}$			-1845 Apr 29 j 10:44	0° Υ	
evening max el	-1848 Dec 17 j 21:33	28° $\overline{\cap}$ 57'11	46°51'53		-1845 May 24 j 03:11	0° \cap	
	-1848 Dec 18 j 22:20	0° \approx		morning set	-1845 Jun 12 j 02:09	23° \cap 12'10	
asc. node	-1848 Dec 27 j 12:42	8° \approx 23'19		asc. node	-1845 Jun 14 j 08:20	25° \cap 58'34	
greatest brilliancy	-1847 Jan 22 j 23:29	28° \approx 15'31	-4.6m		-1845 Jun 17 j 14:51	0° \cap	
	-1847 Jan 26 j 23:19	0° \cap			-1845 Jul 11 j 21:30	0° $\overline{\cap}$	
retrograde	-1847 Feb 06 j 10:04	2° \cap 03'19		max. Earth dist.	-1845 Jul 14 j 07:21	2° $\overline{\cap}$ 59'30	1.72617 AU
	-1847 Feb 16 j 10:25	30° \cap					
evening set	-1847 Feb 24 j 06:11	25° \approx 53'16		superior conj	-1845 Jul 18 j 09:55	8° $\overline{\cap}$ 05'39	1°08'56
inferior conj	-1847 Feb 27 j 16:57	23° \approx 42'27	8°15'48	minimum elong	-1845 Jul 18 j 01:32	7° $\overline{\cap}$ 39'38	1°08'43
minimum elong	-1847 Feb 27 j 20:42	23° \approx 36'27	8°15'33		-1845 Aug 04 j 23:56	0° \cap	

Planetary Phenomena of Venus from -1900 through -1400 (UT), Astrodienst AG 7-Dez-2017 14:43, page 12

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening rise	-1845 Aug 24 j 07:40	24°08'58		morning max el	-1842 Feb 23 j 17:36	3°32'37	46°15'54
	-1845 Aug 28 j 23:54	0°00		desc. node	-1842 Mar 20 j 19:07	29°32'09	
	-1845 Sep 21 j 23:29	0°00			-1842 Mar 21 j 08:19	0°00	
desc. node	-1845 Oct 04 j 00:02	15°01'09			-1842 Apr 17 j 04:29	0°00	
	-1845 Oct 16 j 00:17	0°00			-1842 May 13 j 01:39	0°00	
	-1845 Nov 09 j 03:40	0°00			-1842 Jun 07 j 08:46	0°00	
	-1845 Dec 03 j 11:47	0°00			-1842 Jul 02 j 04:50	0°00	
	-1845 Dec 28 j 05:30	0°00		asc. node	-1842 Jul 11 j 20:14	11°00'46"58	
	-1844 Jan 22 j 19:11	0°00			-1842 Jul 26 j 15:16	0°00	
asc. node	-1844 Jan 25 j 00:34	2°00'32"11			-1842 Aug 19 j 17:59	0°00	
	-1844 Feb 19 j 05:30	0°00		morning set	-1842 Aug 20 j 00:19	0°00'19"50	
evening max el	-1844 Feb 27 j 20:51	8°00'39"48	45°34'17		-1842 Sep 12 j 15:41	0°00	
	-1844 Mar 24 j 04:45	0°00		max. Earth dist.	-1842 Sep 26 j 12:44	17°00'28"27	1.71100 AU
greatest brilliancy	-1844 Apr 01 j 21:54	5°00'12"26	-4.5m				
retrograde	-1844 Apr 16 j 14:19	8°00'46"36		superior conj	-1842 Sep 27 j 12:30	18°00'43"18	1°08'50
evening set	-1844 May 01 j 21:34	4°00'15"16		minimum elong	-1842 Sep 27 j 22:41	19°00'15"23	1°08'32
inferior conj	-1844 May 08 j 00:58	0°00'34"11	1°45'30		-1842 Oct 06 j 11:20	0°00	
minimum elong	-1844 May 08 j 04:44	0°00'28"17	1°44'27		-1842 Oct 30 j 07:13	0°00	
min. Earth dist.	-1844 May 08 j 11:31	0°00'17"40	0.29049 AU	desc. node	-1842 Oct 31 j 11:59	1°00'30"24	
	-1844 May 08 j 22:51	30°00'00		evening rise	-1842 Nov 07 j 21:38	10°00'48"34	
morning rise	-1844 May 14 j 11:40	26°00'42"13			-1842 Nov 23 j 04:44	0°00	
desc. node	-1844 May 15 j 16:21	26°00'03"54			-1842 Dec 17 j 04:57	0°00	
direct	-1844 May 29 j 18:39	22°00'12"43			-1841 Jan 10 j 09:29	0°00	
greatest brilliancy	-1844 Jun 12 j 22:20	25°00'41"22	-4.5m		-1841 Feb 03 j 21:19	0°00	
	-1844 Jun 20 j 18:24	0°00		asc. node	-1841 Feb 21 j 12:41	21°00'15"19	
morning max el	-1844 Jul 17 j 22:55	22°00'27"25	46°01'34		-1841 Feb 28 j 21:12	0°00	
	-1844 Jul 25 j 13:24	0°00			-1841 Mar 26 j 17:03	0°00	
	-1844 Aug 22 j 05:57	0°00			-1841 Apr 23 j 02:02	0°00	
asc. node	-1844 Sep 05 j 17:51	16°00'46"51		evening max el	-1841 May 09 j 16:06	16°00'38"18	45°16'45
	-1844 Sep 16 j 20:56	0°00			-1841 May 24 j 18:04	0°00	
	-1844 Oct 11 j 12:08	0°00		desc. node	-1841 Jun 13 j 04:15	12°00'39"46	
	-1844 Nov 04 j 15:56	0°00		greatest brilliancy	-1841 Jun 14 j 20:27	13°00'23"06	-4.5m
	-1844 Nov 28 j 15:46	0°00		retrograde	-1841 Jun 27 j 03:22	16°00'02"01	
	-1844 Dec 22 j 15:42	0°00		evening set	-1841 Jul 13 j 10:27	11°00'04"28	
desc. node	-1844 Dec 26 j 09:36	4°00'40"30		inferior conj	-1841 Jul 18 j 09:37	8°00'06"52	-7°-9'-6
	-1843 Jan 15 j 17:27	0°00		minimum elong	-1841 Jul 17 j 23:52	8°00'21"51	7°07'25
morning set	-1843 Jan 20 j 22:34	6°00'28"51		min. Earth dist.	-1841 Jul 18 j 17:05	7°00'55"24	0.28247 AU
	-1843 Feb 08 j 21:27	0°00		morning rise	-1841 Jul 22 j 12:54	5°00'36"45	
				direct	-1841 Aug 08 j 19:23	0°00'01"01	
superior conj	-1843 Mar 01 j 12:07	25°00'29"25	-1°-22'-14	greatest brilliancy	-1841 Aug 23 j 03:42	3°00'39"48	-4.6m
minimum elong	-1843 Mar 01 j 16:39	25°00'43"25	1°22'14		-1841 Sep 25 j 17:16	0°00	
max. Earth dist.	-1843 Mar 04 j 02:32	28°00'42"04	1.73038 AU	morning max el	-1841 Sep 28 j 01:39	2°00'21"00	46°40'57
	-1843 Mar 05 j 03:48	0°00		asc. node	-1841 Oct 04 j 05:35	8°00'42"04	
	-1843 Mar 29 j 12:34	0°00			-1841 Oct 23 j 14:46	0°00	
evening rise	-1843 Apr 08 j 04:24	11°00'51"42			-1841 Nov 18 j 04:48	0°00	
asc. node	-1843 Apr 18 j 10:40	24°00'26"13			-1841 Dec 12 j 23:17	0°00	
	-1843 Apr 22 j 23:43	0°00			-1840 Jan 06 j 11:16	0°00	
	-1843 May 17 j 13:13	0°00		desc. node	-1840 Jan 23 j 21:33	21°00'23"15	
	-1843 Jun 11 j 05:25	0°00			-1840 Jan 30 j 21:57	0°00	
	-1843 Jul 06 j 01:48	0°00			-1840 Feb 24 j 08:57	0°00	
	-1843 Jul 31 j 05:23	0°00			-1840 Mar 19 j 20:26	0°00	
desc. node	-1843 Aug 08 j 01:53	9°00'15"33		morning set	-1840 Apr 02 j 16:37	16°00'15"37	
	-1843 Aug 25 j 22:00	0°00			-1840 Apr 13 j 08:02	0°00	
	-1843 Sep 21 j 17:46	0°00		max. Earth dist.	-1840 May 07 j 15:41	29°00'49"28	1.73689 AU
evening max el	-1843 Oct 05 j 04:06	14°00'04"04	47°28'08		-1840 May 07 j 19:07	0°00	
	-1843 Oct 22 j 01:08	0°00					
greatest brilliancy	-1843 Nov 12 j 13:14	14°00'41"47	-4.7m	superior conj	-1840 May 09 j 02:39	1°00'36"46	0°-16'-1
retrograde	-1843 Nov 25 j 02:52	17°00'39"36		minimum elong	-1840 May 09 j 05:49	1°00'46"28	0°15'51
asc. node	-1843 Nov 29 j 02:52	17°00'19"26		asc. node	-1840 May 15 j 22:31	9°00'59"47	
evening set	-1843 Dec 09 j 19:07	13°00'16"56			-1840 Jun 01 j 04:57	0°00	
min. Earth dist.	-1843 Dec 14 j 18:56	10°00'18"34	0.26833 AU	evening rise	-1840 Jun 13 j 20:59	15°00'35"57	
inferior conj	-1843 Dec 15 j 18:19	9°00'42"16	4°05'00		-1840 Jun 25 j 13:15	0°00	
minimum elong	-1843 Dec 15 j 10:13	9°00'54"51	4°02'42		-1840 Jul 19 j 20:37	0°00	
morning rise	-1843 Dec 21 j 02:09	6°00'31"17			-1840 Aug 13 j 04:26	0°00	
direct	-1842 Jan 05 j 04:19	1°00'59"57		desc. node	-1840 Sep 04 j 14:05	27°00'31"37	
greatest brilliancy	-1842 Jan 15 j 20:03	4°00'08"04	-4.6m		-1840 Sep 06 j 14:34	0°00	
	-1842 Feb 20 j 05:03	0°00			-1840 Oct 01 j 05:14	0°00	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1840 Oct 26 j 04:29	0°♊		asc. node	-1837 Jun 13 j 10:27	25°♊31'25	
	-1840 Nov 20 j 22:43	0°♋			-1837 Jun 17 j 01:48	0°♋	
evening max el	-1840 Dec 15 j 11:37	26°♋35'43	46°54'26		-1837 Jul 11 j 08:27	0°♌	
	-1840 Dec 18 j 20:49	0°♍		max. Earth dist.	-1837 Jul 12 j 01:55	0°♌54'12	1.72671 AU
asc. node	-1840 Dec 26 j 14:50	7°♍26'42					
greatest brilliancy	-1839 Jan 20 j 16:29	26°♍02'23	-4.6m	superior conj	-1837 Jul 16 j 03:20	5°♌56'36	1°07'00
retrograde	-1839 Feb 04 j 02:03	29°♍50'06		minimum elong	-1837 Jul 15 j 18:48	5°♌30'06	1°06'48
evening set	-1839 Feb 21 j 23:10	23°♍38'45			-1837 Aug 04 j 10:58	0°♎	
inferior conj	-1839 Feb 25 j 09:04	21°♍29'28	8°19'49	evening rise	-1837 Aug 21 j 22:29	21°♎50'19	
minimum elong	-1839 Feb 25 j 12:08	21°♍24'35	8°19'39		-1837 Aug 28 j 11:07	0°♏	
min. Earth dist.	-1839 Feb 25 j 01:08	21°♍42'08	0.28765 AU		-1837 Sep 21 j 10:54	0°♏	
morning rise	-1839 Mar 01 j 01:16	19°♍10'45		desc. node	-1837 Oct 03 j 02:02	14°♏31'28	
direct	-1839 Mar 18 j 15:35	13°♍14'38			-1837 Oct 15 j 11:56	0°♐	
greatest brilliancy	-1839 Mar 30 j 07:37	15°♍40'36	-4.5m		-1837 Nov 08 j 15:36	0°♑	
desc. node	-1839 Apr 17 j 06:40	26°♍27'06			-1837 Dec 03 j 00:09	0°♑	
	-1839 Apr 21 j 18:26	0°♒			-1837 Dec 27 j 18:40	0°♒	
morning max el	-1839 May 06 j 10:11	13°♒03'33	45°47'24		-1836 Jan 22 j 10:04	0°♒	
	-1839 May 23 j 07:39	0°♓		asc. node	-1836 Jan 24 j 02:44	1°♒55'31	
	-1839 Jun 19 j 19:13	0°♓			-1836 Feb 19 j 01:00	0°♓	
	-1839 Jul 15 j 17:49	0°♋		evening max el	-1836 Feb 25 j 13:26	6°♓29'57	45°36'11
asc. node	-1839 Aug 08 j 08:07	28°♋15'28			-1836 Mar 25 j 06:19	0°♔	
	-1839 Aug 09 j 18:31	0°♌		greatest brilliancy	-1836 Mar 30 j 14:27	2°♔53'14	-4.5m
	-1839 Sep 03 j 04:22	0°♎		retrograde	-1836 Apr 14 j 07:05	6°♔38'15	
	-1839 Sep 27 j 04:48	0°♏		evening set	-1836 Apr 29 j 15:43	2°♔04'43	
	-1839 Oct 21 j 00:42	0°♏			-1836 May 03 j 04:36	30°♔	
morning set	-1839 Nov 02 j 01:38	15°♏10'43		inferior conj	-1836 May 05 j 17:29	28°♔25'20	2°04'23
	-1839 Nov 13 j 19:52	0°♐		minimum elong	-1836 May 05 j 21:53	28°♔18'26	2°03'10
desc. node	-1839 Nov 27 j 23:47	17°♐49'17		min. Earth dist.	-1836 May 06 j 03:47	28°♔09'12	0.29065 AU
	-1839 Dec 07 j 16:27	0°♑		morning rise	-1836 May 12 j 03:55	24°♔33'36	
				desc. node	-1836 May 14 j 18:23	23°♔13'07	
superior conj	-1839 Dec 14 j 02:09	8°♑02'04	0°-36'-41	direct	-1836 May 27 j 11:48	20°♔03'47	
minimum elong	-1839 Dec 13 j 17:01	7°♑33'26	0°36'20	greatest brilliancy	-1836 Jun 10 j 12:46	23°♔29'56	-4.5m
max. Earth dist.	-1839 Dec 18 j 03:22	13°♑06'38	1.71412 AU		-1836 Jun 21 j 16:45	0°♕	
	-1839 Dec 31 j 15:23	0°♒		morning max el	-1836 Jul 15 j 15:05	20°♕16'37	46°00'19
evening rise	-1838 Jan 24 j 06:18	29°♒25'59			-1836 Jul 25 j 08:59	0°♋	
	-1838 Jan 24 j 17:16	0°♓			-1836 Aug 21 j 20:59	0°♌	
	-1838 Feb 17 j 23:02	0°♒		asc. node	-1836 Sep 04 j 19:58	16°♌12'06	
	-1838 Mar 14 j 10:10	0°♓			-1836 Sep 16 j 10:13	0°♎	
asc. node	-1838 Mar 21 j 00:43	8°♓02'35			-1836 Oct 11 j 00:35	0°♏	
	-1838 Apr 08 j 04:24	0°♓			-1836 Nov 04 j 03:56	0°♏	
	-1838 May 03 j 08:00	0°♋			-1836 Nov 28 j 03:27	0°♐	
	-1838 May 29 j 01:18	0°♌			-1836 Dec 22 j 03:09	0°♑	
	-1838 Jun 24 j 18:46	0°♎		desc. node	-1836 Dec 25 j 11:46	4°♑11'38	
desc. node	-1838 Jul 10 j 16:07	16°♎52'30			-1835 Jan 15 j 04:41	0°♒	
evening max el	-1838 Jul 21 j 06:16	27°♎28'07	46°20'06	morning set	-1835 Jan 18 j 10:20	4°♒01'26	
	-1838 Jul 23 j 21:37	0°♏			-1835 Feb 08 j 08:32	0°♓	
greatest brilliancy	-1838 Aug 29 j 16:31	26°♏35'25	-4.6m				
retrograde	-1838 Sep 08 j 22:57	28°♏31'55		superior conj	-1835 Feb 27 j 03:22	23°♏14'17	-1°-22'-59
evening set	-1838 Sep 25 j 14:23	23°♏15'37		minimum elong	-1835 Feb 27 j 07:12	23°♏26'09	1°22'59
inferior conj	-1838 Sep 29 j 15:00	20°♏52'26	-7°-8'-42	max. Earth dist.	-1835 Mar 01 j 23:15	26°♏43'53	1.72993 AU
minimum elong	-1838 Sep 30 j 01:31	20°♏36'32	7°06'40		-1835 Mar 04 j 14:48	0°♒	
min. Earth dist.	-1838 Sep 30 j 05:58	20°♏29'48	0.26741 AU		-1835 Mar 28 j 23:34	0°♓	
morning rise	-1838 Oct 04 j 12:18	17°♏59'28		evening rise	-1835 Apr 05 j 21:56	9°♓44'26	
direct	-1838 Oct 20 j 03:23	13°♏10'52		asc. node	-1835 Apr 17 j 12:38	23°♓58'22	
asc. node	-1838 Oct 31 j 17:06	15°♏42'35			-1835 Apr 22 j 10:50	0°♔	
greatest brilliancy	-1838 Nov 02 j 06:01	16°♏22'55	-4.7m		-1835 May 17 j 00:34	0°♋	
	-1838 Nov 22 j 04:58	0°♐			-1835 Jun 10 j 17:12	0°♌	
morning max el	-1838 Dec 09 j 22:20	16°♐45'59	46°52'17		-1835 Jul 05 j 14:18	0°♎	
	-1838 Dec 22 j 11:38	0°♐			-1835 Jul 30 j 19:01	0°♏	
	-1837 Jan 18 j 04:06	0°♑		desc. node	-1835 Aug 07 j 04:03	8°♏40'34	
	-1837 Feb 12 j 19:52	0°♒			-1835 Aug 25 j 13:35	0°♐	
desc. node	-1837 Feb 20 j 09:25	8°♒57'24			-1835 Sep 21 j 13:30	0°♑	
	-1837 Mar 10 j 01:34	0°♓		evening max el	-1835 Oct 02 j 18:57	11°♑41'10	47°27'14
	-1837 Apr 04 j 01:51	0°♒			-1835 Oct 22 j 12:36	0°♑	
	-1837 Apr 28 j 22:05	0°♓		greatest brilliancy	-1835 Nov 10 j 05:52	12°♑17'18	-4.7m
	-1837 May 23 j 14:15	0°♒		retrograde	-1835 Nov 22 j 16:16	15°♑11'04	
morning set	-1837 Jun 09 j 20:26	21°♒07'19		asc. node	-1835 Nov 28 j 05:05	14°♑32'39	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening set	-1835 Dec 07 j 06:47	10° \mathcal{A} 51'50		superior conj	-1832 May 06 j 21:29	29° Υ 33'56	0°-19'00
min. Earth dist.	-1835 Dec 12 j 08:59	7° \mathcal{A} 50'05	0.26768 AU	minimum elong	-1832 May 07 j 01:14	29° Υ 45'24	0°18'50
inferior conj	-1835 Dec 13 j 07:24	7° \mathcal{A} 15'16	3°44'17		-1832 May 07 j 05:59	0° \mathcal{B}	
minimum elong	-1835 Dec 12 j 23:49	7° \mathcal{A} 27'02	3°42'05	asc. node	-1832 May 15 j 00:40	9° \mathcal{B} 32'59	
morning rise	-1835 Dec 18 j 17:41	4° \mathcal{A} 00'51			-1832 May 31 j 15:52	0° Π	
	-1835 Dec 29 j 03:12	30° $\mathcal{R}\mathcal{M}$		evening rise	-1832 Jun 11 j 16:30	13° Π 34'22	
direct	-1834 Jan 02 j 17:03	29° \mathcal{M} 34'11			-1832 Jun 25 j 00:22	0° \mathcal{E}	
	-1834 Jan 07 j 09:12	0° \mathcal{A}			-1832 Jul 19 j 08:01	0° \mathcal{Q}	
greatest brilliancy	-1834 Jan 13 j 09:14	1° \mathcal{A} 42'39	-4.6m		-1832 Aug 12 j 16:15	0° \mathcal{M}	
	-1834 Feb 20 j 05:27	0° \mathcal{E}		desc. node	-1832 Sep 03 j 16:03	26° \mathcal{M} 59'58	
morning max el	-1834 Feb 21 j 06:25	1° \mathcal{E} 00'45	46°17'23		-1832 Sep 06 j 02:55	0° \mathcal{E}	
desc. node	-1834 Mar 19 j 21:08	28° \mathcal{E} 44'02			-1832 Sep 30 j 18:21	0° \mathcal{M}	
	-1834 Mar 21 j 00:57	0° \approx			-1832 Oct 25 j 18:50	0° \mathcal{A}	
	-1834 Apr 16 j 18:24	0° \mathcal{H}			-1832 Nov 20 j 15:27	0° \mathcal{E}	
	-1834 May 12 j 14:14	0° Υ		evening max el	-1832 Dec 13 j 02:03	24° \mathcal{E} 14'33	46°57'05
	-1834 Jun 06 j 20:38	0° \mathcal{B}			-1832 Dec 18 j 20:30	0° \approx	
	-1834 Jul 01 j 16:17	0° Π		asc. node	-1832 Dec 25 j 16:59	6° \approx 28'19	
asc. node	-1834 Jul 10 j 22:23	11° Π 18'44		greatest brilliancy	-1831 Jan 18 j 08:55	23° \approx 47'52	-4.6m
	-1834 Jul 26 j 02:31	0° \mathcal{E}		retrograde	-1831 Feb 01 j 18:36	27° \approx 36'28	
morning set	-1834 Aug 17 j 15:19	28° \mathcal{E} 01'41		evening set	-1831 Feb 19 j 15:56	21° \approx 23'57	
	-1834 Aug 19 j 05:10	0° \mathcal{Q}		min. Earth dist.	-1831 Feb 22 j 16:08	19° \approx 30'20	0.28719 AU
	-1834 Sep 12 j 02:54	0° \mathcal{M}		inferior conj	-1831 Feb 23 j 01:13	19° \approx 15'51	8°23'11
max. Earth dist.	-1834 Sep 23 j 16:51	14° \mathcal{M} 34'56	1.71133 AU	minimum elong	-1831 Feb 23 j 03:33	19° \approx 12'07	8°23'05
				morning rise	-1831 Feb 26 j 15:21	17° \approx 00'31	
superior conj	-1834 Sep 25 j 00:39	16° \mathcal{M} 15'05	1°10'55	direct	-1831 Mar 16 j 06:38	11° \approx 01'38	
minimum elong	-1834 Sep 25 j 10:25	16° \mathcal{M} 45'51	1°10'40	greatest brilliancy	-1831 Mar 27 j 22:04	13° \approx 27'13	-4.5m
	-1834 Oct 05 j 22:37	0° \mathcal{E}		desc. node	-1831 Apr 16 j 08:41	25° \approx 21'34	
	-1834 Oct 29 j 18:35	0° \mathcal{M}			-1831 Apr 22 j 01:11	0° \mathcal{H}	
desc. node	-1834 Oct 30 j 13:59	1° \mathcal{M} 00'59		morning max el	-1831 May 04 j 02:12	10° \mathcal{H} 53'11	45°47'56
evening rise	-1834 Nov 05 j 06:38	8° \mathcal{M} 10'15			-1831 May 23 j 01:16	0° Υ	
	-1834 Nov 22 j 16:12	0° \mathcal{A}			-1831 Jun 19 j 09:21	0° \mathcal{B}	
	-1834 Dec 16 j 16:32	0° \mathcal{E}			-1831 Jul 15 j 06:29	0° Π	
	-1833 Jan 09 j 21:14	0° \approx		asc. node	-1831 Aug 07 j 10:11	27° Π 45'23	
	-1833 Feb 03 j 09:23	0° \mathcal{H}			-1831 Aug 09 j 06:28	0° \mathcal{E}	
asc. node	-1833 Feb 20 j 14:45	20° \mathcal{H} 44'11			-1831 Sep 02 j 15:57	0° \mathcal{Q}	
	-1833 Feb 28 j 09:59	0° Υ			-1831 Sep 26 j 16:13	0° \mathcal{M}	
	-1833 Mar 26 j 07:23	0° \mathcal{B}			-1831 Oct 20 j 12:03	0° \mathcal{E}	
	-1833 Apr 22 j 20:13	0° Π		morning set	-1831 Oct 30 j 12:08	12° \mathcal{E} 36'48	
evening max el	-1833 May 07 j 05:59	14° Π 22'15	45°15'46		-1831 Nov 13 j 07:10	0° \mathcal{M}	
	-1833 May 25 j 04:43	0° \mathcal{E}		desc. node	-1831 Nov 27 j 01:59	17° \mathcal{M} 20'48	
desc. node	-1833 Jun 12 j 06:26	11° \mathcal{E} 03'40			-1831 Dec 07 j 03:43	0° \mathcal{A}	
greatest brilliancy	-1833 Jun 12 j 08:19	11° \mathcal{E} 05'37	-4.5m				
retrograde	-1833 Jun 24 j 17:31	13° \mathcal{E} 47'25		superior conj	-1831 Dec 11 j 11:16	5° \mathcal{A} 24'54	0°-33'-2
evening set	-1833 Jul 10 j 21:44	8° \mathcal{E} 53'58		minimum elong	-1831 Dec 11 j 02:51	4° \mathcal{A} 58'30	0°32'42
inferior conj	-1833 Jul 16 j 00:27	5° \mathcal{E} 51'34	-6°-56'-10	max. Earth dist.	-1831 Dec 15 j 10:14	10° \mathcal{A} 22'37	1.71369 AU
minimum elong	-1833 Jul 15 j 14:28	6° \mathcal{E} 06'53	6°54'21		-1831 Dec 31 j 02:36	0° \mathcal{E}	
min. Earth dist.	-1833 Jul 16 j 08:01	5° \mathcal{E} 39'57	0.28291 AU	evening rise	-1830 Jan 21 j 18:11	26° \mathcal{E} 59'03	
morning rise	-1833 Jul 20 j 06:47	3° \mathcal{E} 16'57			-1830 Jan 24 j 04:26	0° \approx	
	-1833 Jul 26 j 17:44	30° $\mathcal{R}\mathcal{I}$			-1830 Feb 17 j 10:16	0° \mathcal{H}	
direct	-1833 Aug 06 j 10:11	27° Π 44'45			-1830 Mar 13 j 21:35	0° Υ	
	-1833 Aug 17 j 13:56	0° \mathcal{E}		asc. node	-1830 Mar 20 j 02:44	7° Υ 33'53	
greatest brilliancy	-1833 Aug 20 j 20:44	1° \mathcal{E} 25'19	-4.6m		-1830 Apr 07 j 16:12	0° \mathcal{B}	
morning max el	-1833 Sep 25 j 15:18	29° \mathcal{E} 57'39	46°39'49		-1830 May 02 j 20:32	0° Π	
	-1833 Sep 25 j 16:13	0° \mathcal{Q}			-1830 May 28 j 15:14	0° \mathcal{E}	
asc. node	-1833 Oct 03 j 07:34	7° \mathcal{Q} 53'55			-1830 Jun 24 j 11:40	0° \mathcal{Q}	
	-1833 Oct 23 j 07:15	0° \mathcal{M}		desc. node	-1830 Jul 09 j 18:13	16° \mathcal{Q} 05'50	
	-1833 Nov 17 j 18:58	0° \mathcal{E}		evening max el	-1830 Jul 18 j 20:03	25° \mathcal{Q} 07'54	46°17'08
	-1833 Dec 12 j 12:18	0° \mathcal{M}			-1830 Jul 23 j 23:15	0° \mathcal{M}	
	-1832 Jan 05 j 23:36	0° \mathcal{A}		greatest brilliancy	-1830 Aug 27 j 03:06	24° \mathcal{M} 07'05	-4.6m
desc. node	-1832 Jan 22 j 23:37	20° \mathcal{A} 52'46		retrograde	-1830 Sep 06 j 11:23	26° \mathcal{M} 04'35	
	-1832 Jan 30 j 09:48	0° \mathcal{E}		evening set	-1830 Sep 23 j 05:52	20° \mathcal{M} 43'17	
	-1832 Feb 23 j 20:26	0° \approx		inferior conj	-1830 Sep 27 j 03:14	18° \mathcal{M} 24'35	-7°-22'-30
	-1832 Mar 19 j 07:37	0° \mathcal{H}		minimum elong	-1830 Sep 27 j 13:28	18° \mathcal{M} 09'06	7°20'40
morning set	-1832 Mar 31 j 10:07	14° \mathcal{H} 50'18		min. Earth dist.	-1830 Sep 27 j 18:13	18° \mathcal{M} 01'56	0.26795 AU
	-1832 Apr 12 j 19:00	0° Υ		morning rise	-1830 Oct 01 j 20:49	15° \mathcal{M} 36'56	
max. Earth dist.	-1832 May 05 j 12:59	27° Υ 54'11	1.73696 AU	direct	-1830 Oct 17 j 17:02	10° \mathcal{M} 42'22	
				asc. node	-1830 Oct 30 j 19:19	13° \mathcal{M} 54'37	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1815 Dec 06 j 02:00	0°♊		greatest brilliancy	-1812 Jun 03 j 08:39	16°♊58'20	-4.5m
max. Earth dist.	-1815 Dec 10 j 05:30	5°♊12'11	1.71288 AU		-1812 Jun 23 j 06:08	0°♋	
	-1815 Dec 30 j 00:49	0°♌		morning max el	-1812 Jul 08 j 12:39	13°♋39'04	45°57'03
evening rise	-1814 Jan 16 j 17:45	22°♌04'53			-1812 Jul 24 j 16:00	0°♍	
	-1814 Jan 23 j 02:38	0°♎			-1812 Aug 20 j 16:26	0°♎	
	-1814 Feb 16 j 08:35	0°♏		asc. node	-1812 Sep 02 j 02:16	14°♎30'31	
	-1814 Mar 12 j 20:18	0°♐			-1812 Sep 15 j 01:03	0°♏	
asc. node	-1814 Mar 18 j 07:00	6°♐37'24			-1812 Oct 09 j 13:12	0°♐	
	-1814 Apr 06 j 15:47	0°♑			-1812 Nov 02 j 15:19	0°♑	
	-1814 May 01 j 21:46	0°♒			-1812 Nov 26 j 14:03	0°♒	
	-1814 May 27 j 19:35	0°♓			-1812 Dec 20 j 13:07	0°♓	
	-1814 Jun 23 j 22:41	0°♈		desc. node	-1812 Dec 22 j 18:02	2°♓45'21	
desc. node	-1814 Jul 07 j 22:24	14°♈29'54		morning set	-1811 Jan 10 j 19:29	26°♓32'25	
evening max el	-1814 Jul 13 j 23:49	20°♈27'54	46°11'12		-1811 Jan 13 j 14:08	0°♉	
	-1814 Jul 24 j 07:14	0°♊			-1811 Feb 06 j 17:34	0°♊	
greatest brilliancy	-1814 Aug 22 j 03:18	19°♊14'43	-4.6m				
retrograde	-1814 Sep 01 j 11:22	21°♊10'49		superior conj	-1811 Feb 19 j 23:24	16°♊24'01	-1°24'-24
evening set	-1814 Sep 18 j 12:59	15°♊40'45		minimum elong	-1811 Feb 20 j 00:52	16°♊28'34	1°24'27
inferior conj	-1814 Sep 22 j 04:01	13°♊30'37	-7°-47'-27	max. Earth dist.	-1811 Feb 23 j 05:31	20°♊25'27	1.72835 AU
minimum elong	-1814 Sep 22 j 13:28	13°♊16'16	7°45'58		-1811 Mar 02 j 23:33	0°♋	
min. Earth dist.	-1814 Sep 22 j 19:26	13°♊07'12	0.26894 AU		-1811 Mar 27 j 08:15	0°♌	
morning rise	-1814 Sep 26 j 13:43	10°♊53'32		evening rise	-1811 Mar 30 j 01:06	3°♌19'09	
direct	-1814 Oct 12 j 19:39	5°♊47'21		asc. node	-1811 Apr 14 j 18:56	22°♌37'11	
greatest brilliancy	-1814 Oct 25 j 23:20	9°♊00'34	-4.7m		-1811 Apr 20 j 19:46	0°♍	
asc. node	-1814 Oct 28 j 23:25	10°♊31'18			-1811 May 15 j 10:14	0°♎	
	-1814 Nov 23 j 01:14	0°♏			-1811 Jun 09 j 04:17	0°♎	
morning max el	-1814 Dec 02 j 15:02	9°♏26'50	46°53'32		-1811 Jul 04 j 03:38	0°♏	
	-1814 Dec 21 j 19:20	0°♐			-1811 Jul 29 j 11:59	0°♐	
	-1813 Jan 17 j 01:07	0°♑		desc. node	-1811 Aug 04 j 10:18	6°♐55'24	
	-1813 Feb 11 j 11:44	0°♒			-1811 Aug 24 j 12:59	0°♑	
desc. node	-1813 Feb 17 j 15:41	7°♒20'14			-1811 Sep 21 j 03:34	0°♒	
	-1813 Mar 08 j 14:25	0°♓		evening max el	-1811 Sep 25 j 10:24	4°♒21'51	47°23'47
	-1813 Apr 02 j 12:47	0°♈			-1811 Oct 25 j 02:20	0°♓	
	-1813 Apr 27 j 07:47	0°♉		greatest brilliancy	-1811 Nov 03 j 06:30	5°♓02'29	-4.7m
	-1813 May 21 j 23:12	0°♊		retrograde	-1811 Nov 15 j 06:49	7°♓46'15	
morning set	-1813 Jun 03 j 04:21	14°♋57'05		asc. node	-1811 Nov 25 j 11:23	5°♓37'32	
asc. node	-1813 Jun 10 j 16:46	24°♋10'45		evening set	-1811 Nov 29 j 18:23	3°♓33'39	
	-1813 Jun 15 j 10:21	0°♌		min. Earth dist.	-1811 Dec 05 j 03:53	0°♓22'45	0.26612 AU
max. Earth dist.	-1813 Jul 05 j 05:22	24°♌26'36	1.72836 AU	inferior conj	-1811 Dec 05 j 22:15	29°♓54'22	2°38'41
				minimum elong	-1811 Dec 05 j 16:35	0°♓03'08	2°36'55
superior conj	-1813 Jul 09 j 09:11	29°♌35'49	1°00'48		-1811 Dec 05 j 18:36	30°♔♌	
minimum elong	-1813 Jul 09 j 00:28	29°♌08'48	1°00'33	morning rise	-1811 Dec 11 j 15:19	26°♌30'55	
	-1813 Jul 09 j 16:59	0°♍		direct	-1811 Dec 26 j 05:02	22°♌15'18	
	-1813 Aug 02 j 19:49	0°♎		greatest brilliancy	-1810 Jan 06 j 05:13	24°♌30'48	-4.6m
evening rise	-1813 Aug 14 j 20:51	15°♎01'34			-1810 Jan 16 j 14:50	0°♏	
	-1813 Aug 26 j 20:31	0°♐		morning max el	-1810 Feb 13 j 21:13	23°♏52'05	46°21'56
	-1813 Sep 19 j 21:01	0°♑			-1810 Feb 20 j 00:30	0°♓	
desc. node	-1813 Sep 30 j 08:16	13°♑03'32		desc. node	-1810 Mar 17 j 03:24	26°♓47'11	
	-1813 Oct 13 j 22:53	0°♒			-1810 Mar 20 j 00:58	0°♓	
	-1813 Nov 07 j 03:33	0°♓			-1810 Apr 15 j 11:03	0°♈	
	-1813 Dec 01 j 13:36	0°♔			-1810 May 11 j 03:07	0°♉	
	-1813 Dec 26 j 10:49	0°♎			-1810 Jun 05 j 07:23	0°♊	
asc. node	-1812 Jan 21 j 09:02	0°♏03'04			-1810 Jun 30 j 01:51	0°♋	
	-1812 Jan 21 j 07:57	0°♐		asc. node	-1810 Jul 08 j 04:41	9°♋55'52	
evening max el	-1812 Feb 18 j 11:36	29°♐51'17	45°42'38		-1810 Jul 24 j 11:32	0°♌	
	-1812 Feb 18 j 15:10	0°♑		morning set	-1810 Aug 10 j 13:51	21°♌14'42	
greatest brilliancy	-1812 Mar 23 j 17:18	26°♑31'12	-4.5m		-1810 Aug 17 j 14:03	0°♍	
	-1812 Apr 03 j 14:44	0°♒			-1810 Sep 10 j 11:52	0°♎	
retrograde	-1812 Apr 07 j 08:10	0°♓15'52		max. Earth dist.	-1810 Sep 15 j 21:37	6°♎48'08	1.71245 AU
	-1812 Apr 11 j 00:04	30°♔♑					
evening set	-1812 Apr 22 j 23:19	25°♑34'42		superior conj	-1810 Sep 17 j 15:02	8°♎58'32	1°16'18
inferior conj	-1812 Apr 28 j 19:44	22°♑01'58	2°59'26	minimum elong	-1810 Sep 17 j 23:13	9°♎24'15	1°16'08
minimum elong	-1812 Apr 29 j 01:50	21°♑52'21	2°57'47		-1810 Oct 04 j 07:47	0°♏	
min. Earth dist.	-1812 Apr 29 j 06:29	21°♑45'02	0.29099 AU	desc. node	-1810 Oct 27 j 20:16	29°♏35'32	
morning rise	-1812 May 05 j 04:08	18°♑11'35		evening rise	-1810 Oct 28 j 11:02	0°♐21'57	
desc. node	-1812 May 12 j 00:40	15°♑05'43			-1810 Oct 28 j 04:03	0°♑	
direct	-1812 May 20 j 13:24	13°♑40'03			-1810 Nov 21 j 02:01	0°♒	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1810 Dec 15 j 02:45	0°☾				-1807 Jul 13 j 19:47	0°♊		
	-1809 Jan 08 j 08:03	0°♊		asc. node		-1807 Aug 04 j 16:29	26°♊17'07		
	-1809 Feb 01 j 21:23	0°♋				-1807 Aug 07 j 17:42	0°♋		
asc. node	-1809 Feb 17 j 21:02	19°♋11'19				-1807 Sep 01 j 02:06	0°♌		
	-1809 Feb 27 j 00:24	0°♌				-1807 Sep 25 j 01:51	0°♍		
	-1809 Mar 25 j 03:04	0°♍				-1807 Oct 18 j 21:30	0°♎		
	-1809 Apr 22 j 05:22	0°♎		morning set		-1807 Oct 22 j 21:00	5°♎01'07		
evening max el	-1809 Apr 30 j 03:32	7°♎45'34	45°14'04			-1807 Nov 11 j 16:33	0°♏		
	-1809 May 27 j 14:34	0°♏		desc. node		-1807 Nov 24 j 08:16	15°♏55'51		
greatest brilliancy	-1809 Jun 04 j 17:39	4°♏14'19	-4.5m						
desc. node	-1809 Jun 09 j 12:42	5°♏56'32		superior conj		-1807 Dec 03 j 14:37	27°♏34'24	0°-21'-37	
retrograde	-1809 Jun 17 j 14:50	7°♏07'55		minimum elong		-1807 Dec 03 j 08:50	27°♏16'15	0°21'24	
evening set	-1809 Jul 03 j 09:09	2°♏25'29				-1807 Dec 05 j 13:00	0°♐		
	-1809 Jul 07 j 12:29	30°♐♊		max. Earth dist.		-1807 Dec 07 j 14:40	2°♐35'53	1.71246 AU	
inferior conj	-1809 Jul 08 j 21:25	29°♐09'37	-6°-14'-4			-1807 Dec 29 j 11:46	0°♑		
minimum elong	-1809 Jul 08 j 11:14	29°♐25'15	6°11'57	evening rise		-1806 Jan 14 j 05:00	19°♑36'23		
min. Earth dist.	-1809 Jul 09 j 03:51	28°♐59'45	0.28407 AU			-1806 Jan 22 j 13:36	0°♒		
morning rise	-1809 Jul 13 j 12:57	26°♐22'06				-1806 Feb 15 j 19:38	0°♋		
direct	-1809 Jul 30 j 09:09	21°♐00'32				-1806 Mar 12 j 07:34	0°♌		
greatest brilliancy	-1809 Aug 13 j 22:44	24°♐45'15	-4.6m	asc. node		-1806 Mar 17 j 09:02	6°♌09'10		
	-1809 Aug 22 j 21:57	0°♑				-1806 Apr 06 j 03:29	0°♍		
morning max el	-1809 Sep 18 j 13:21	23°♑04'44	46°36'04			-1806 May 01 j 10:19	0°♎		
	-1809 Sep 25 j 07:12	0°♌				-1806 May 27 j 09:45	0°♏		
asc. node	-1809 Sep 30 j 13:54	5°♌37'04				-1806 Jun 23 j 16:30	0°♏		
	-1809 Oct 22 j 06:20	0°♍		desc. node		-1806 Jul 07 j 00:30	13°♏41'33		
	-1809 Nov 16 j 12:03	0°♎		evening max el		-1806 Jul 11 j 12:34	18°♏06'09	46°08'13	
	-1809 Dec 11 j 02:19	0°♏				-1806 Jul 24 j 13:44	0°♐		
	-1808 Jan 04 j 11:45	0°♐		greatest brilliancy		-1806 Aug 19 j 16:04	16°♐50'25	-4.6m	
desc. node	-1808 Jan 20 j 05:53	19°♐23'55		retrograde		-1806 Aug 29 j 22:44	18°♐45'21		
	-1808 Jan 28 j 20:37	0°♑		evening set		-1806 Sep 16 j 04:25	13°♐11'01		
	-1808 Feb 22 j 06:11	0°♒		inferior conj		-1806 Sep 19 j 16:34	11°♐05'02	-7°-58'-19	
	-1808 Mar 17 j 16:34	0°♋		minimum elong		-1806 Sep 20 j 01:29	10°♐51'28	7°57'03	
morning set	-1808 Mar 24 j 13:10	8°♋24'49		min. Earth dist.		-1806 Sep 20 j 08:34	10°♐40'42	0.26949 AU	
	-1808 Apr 11 j 03:27	0°♌		morning rise		-1806 Sep 23 j 22:17	8°♐33'16		
max. Earth dist.	-1808 Apr 29 j 10:01	22°♌25'04	1.73704 AU	direct		-1806 Oct 10 j 08:26	3°♐20'47		
				greatest brilliancy		-1806 Oct 23 j 14:17	6°♐35'31	-4.7m	
superior conj	-1808 Apr 30 j 04:50	23°♌22'47	0°-27'-58	asc. node		-1806 Oct 28 j 01:40	8°♐56'06		
minimum elong	-1808 Apr 30 j 10:13	23°♌39'18	0°27'43			-1806 Nov 23 j 03:55	0°♑		
	-1808 May 05 j 14:16	0°♍		morning max el		-1806 Nov 30 j 03:26	6°♑57'40	46°53'51	
asc. node	-1808 May 12 j 07:00	8°♍13'24				-1806 Dec 21 j 12:53	0°♒		
	-1808 May 30 j 00:18	0°♎				-1805 Jan 16 j 15:35	0°♐		
evening rise	-1808 Jun 05 j 02:38	7°♎30'02				-1805 Feb 11 j 00:40	0°♑		
	-1808 Jun 23 j 09:17	0°♏		desc. node		-1805 Feb 16 j 17:42	6°♑48'26		
	-1808 Jul 17 j 17:47	0°♌				-1805 Mar 08 j 02:26	0°♒		
	-1808 Aug 11 j 03:14	0°♍				-1805 Apr 02 j 00:13	0°♋		
desc. node	-1808 Aug 31 j 22:18	25°♍27'27				-1805 Apr 26 j 18:50	0°♌		
	-1808 Sep 04 j 15:39	0°♎				-1805 May 21 j 10:00	0°♍		
	-1808 Sep 29 j 09:36	0°♏		morning set		-1805 May 31 j 22:56	12°♏54'00		
	-1808 Oct 24 j 14:05	0°♐		asc. node		-1805 Jun 09 j 18:55	23°♏44'29		
	-1808 Nov 19 j 18:53	0°♑				-1805 Jun 14 j 21:02	0°♒		
evening max el	-1808 Dec 06 j 02:08	17°♑24'25	47°04'34	max. Earth dist.		-1805 Jul 03 j 00:01	22°♒22'43	1.72888 AU	
	-1808 Dec 19 j 02:11	0°♒							
asc. node	-1808 Dec 22 j 23:17	3°♒26'11		superior conj		-1805 Jul 07 j 03:22	27°♒30'21	0°58'34	
greatest brilliancy	-1807 Jan 11 j 12:13	17°♒07'25	-4.6m	minimum elong		-1805 Jul 06 j 18:41	27°♒03'26	0°58'18	
retrograde	-1807 Jan 25 j 21:07	20°♒54'11				-1805 Jul 09 j 03:39	0°♋		
evening set	-1807 Feb 12 j 16:03	14°♒41'46				-1805 Aug 02 j 06:35	0°♌		
min. Earth dist.	-1807 Feb 15 j 11:22	12°♒55'50	0.28567 AU	evening rise		-1805 Aug 12 j 12:54	12°♌48'06		
inferior conj	-1807 Feb 16 j 01:05	12°♒33'59	8°28'42			-1805 Aug 26 j 07:28	0°♍		
minimum elong	-1807 Feb 16 j 01:13	12°♒33'45	8°28'41			-1805 Sep 19 j 08:13	0°♎		
morning rise	-1807 Feb 19 j 10:41	10°♒26'03		desc. node		-1805 Sep 29 j 10:22	12°♎34'46		
direct	-1807 Mar 09 j 05:35	4°♒22'44				-1805 Oct 13 j 10:23	0°♏		
greatest brilliancy	-1807 Mar 20 j 12:02	6°♒41'17	-4.5m			-1805 Nov 06 j 15:27	0°♐		
desc. node	-1807 Apr 13 j 15:00	22°♒15'57				-1805 Dec 01 j 02:04	0°♑		
	-1807 Apr 22 j 09:58	0°♋				-1805 Dec 26 j 00:17	0°♒		
morning max el	-1807 Apr 27 j 02:51	4°♋24'29	45°49'10	asc. node		-1804 Jan 20 j 11:05	29°♒25'05		
	-1807 May 22 j 03:40	0°♌				-1804 Jan 20 j 23:35	0°♋		
	-1807 Jun 18 j 02:42	0°♍		evening max el		-1804 Feb 16 j 01:49	27°♋35'33	45°45'02	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1804 Feb 18 j 13:19	0°Υ				-1802 Sep 09 j 22:51	0°η	
greatest brilliancy	-1804 Mar 21 j 08:22	24°Υ21'25	-4.5m	max. Earth dist.		-1802 Sep 13 j 07:01	4°η12'08	1.71280 AU
retrograde	-1804 Apr 05 j 00:34	28°Υ08'40						
evening set	-1804 Apr 20 j 17:55	23°Υ24'03		superior conj		-1802 Sep 15 j 04:12	6°η34'14	1°17'47
inferior conj	-1804 Apr 26 j 12:24	19°Υ54'11	3°17'15	minimum elong		-1802 Sep 15 j 11:43	6°η57'54	1°17'40
minimum elong	-1804 Apr 26 j 19:01	19°Υ43'47	3°15'31			-1802 Oct 03 j 18:50	0°Δ	
min. Earth dist.	-1804 Apr 26 j 23:24	19°Υ36'52	0.29111 AU	evening rise		-1802 Oct 25 j 20:48	27°Δ46'50	
morning rise	-1804 May 02 j 19:52	16°Υ04'55		desc. node		-1802 Oct 26 j 22:28	29°Δ07'30	
desc. node	-1804 May 11 j 02:53	12°Υ31'27				-1802 Oct 27 j 15:11	0°ℳ	
direct	-1804 May 18 j 05:21	11°Υ31'48				-1802 Nov 20 j 13:15	0°♄	
greatest brilliancy	-1804 Jun 01 j 00:48	14°Υ49'50	-4.5m			-1802 Dec 14 j 14:07	0°♄	
	-1804 Jun 23 j 12:33	0°♄				-1801 Jan 07 j 19:40	0°≈	
morning max el	-1804 Jul 06 j 04:34	11°♄28'41	45°56'14			-1801 Feb 01 j 09:26	0°♄	
	-1804 Jul 24 j 09:22	0°♄		asc. node		-1801 Feb 16 j 23:04	18°♄39'59	
	-1804 Aug 20 j 06:27	0°♄				-1801 Feb 26 j 13:23	0°Υ	
asc. node	-1804 Sep 01 j 04:17	13°♄57'17				-1801 Mar 24 j 18:01	0°♄	
	-1804 Sep 14 j 13:40	0°♄				-1801 Apr 22 j 01:37	0°♄	
	-1804 Oct 09 j 01:08	0°η		evening max el		-1801 Apr 27 j 19:58	5°♄36'24	45°13'38
	-1804 Nov 02 j 02:53	0°Δ				-1801 May 29 j 02:24	0°♄	
	-1804 Nov 26 j 01:22	0°ℳ		greatest brilliancy		-1801 Jun 02 j 06:19	1°♄59'21	-4.5m
	-1804 Dec 20 j 00:17	0°♄		desc. node		-1801 Jun 08 j 14:44	4°♄06'34	
desc. node	-1804 Dec 21 j 20:05	2°♄16'53		retrograde		-1801 Jun 15 j 05:49	4°♄54'50	
morning set	-1803 Jan 08 j 06:01	24°♄01'11		evening set		-1801 Jun 30 j 21:27	0°♄16'11	
	-1803 Jan 13 j 01:11	0°♄				-1801 Jul 01 j 09:05	30°♄	
	-1803 Feb 06 j 04:30	0°≈		inferior conj		-1801 Jul 06 j 12:31	26°♄55'59	-5°-59'-2
				minimum elong		-1801 Jul 06 j 02:23	27°♄11'32	5°56'49
superior conj	-1803 Feb 17 j 13:33	14°≈05'47	-1°-24'-36	min. Earth dist.		-1801 Jul 06 j 18:31	26°♄46'45	0.28442 AU
minimum elong	-1803 Feb 17 j 14:11	14°≈07'43	1°24'39	morning rise		-1801 Jul 11 j 06:59	24°♄04'02	
max. Earth dist.	-1803 Feb 20 j 19:23	18°≈06'30	1.72781 AU	direct		-1801 Jul 18 j 01:21	18°♄46'27	
	-1803 Mar 02 j 10:23	0°♄		greatest brilliancy		-1801 Aug 11 j 13:32	22°♄29'42	-4.6m
	-1803 Mar 26 j 19:03	0°Υ				-1801 Aug 23 j 17:50	0°♄	
evening rise	-1803 Mar 27 j 17:41	1°Υ09'31		morning max el		-1801 Sep 16 j 04:21	20°♄46'26	46°34'39
asc. node	-1803 Apr 13 j 21:07	22°Υ10'33				-1801 Sep 25 j 02:56	0°♄	
	-1803 Apr 20 j 06:41	0°♄		asc. node		-1801 Sep 29 j 16:06	4°♄52'46	
	-1803 May 14 j 21:27	0°♄				-1801 Oct 21 j 21:38	0°η	
	-1803 Jun 08 j 16:01	0°♄				-1801 Nov 16 j 01:33	0°Δ	
	-1803 Jul 03 j 16:10	0°♄				-1801 Dec 10 j 14:53	0°ℳ	
	-1803 Jul 29 j 01:48	0°η				-1800 Jan 03 j 23:43	0°♄	
desc. node	-1803 Aug 03 j 12:19	6°η19'57		desc. node		-1800 Jan 19 j 07:55	18°♄54'16	
	-1803 Aug 24 j 05:10	0°Δ				-1800 Jan 28 j 08:08	0°♄	
	-1803 Sep 21 j 01:31	0°ℳ				-1800 Feb 21 j 17:24	0°≈	
evening max el	-1803 Sep 23 j 00:06	1°ℳ57'39	47°22'37			-1800 Mar 17 j 03:33	0°♄	
	-1803 Oct 26 j 16:06	0°♄		morning set		-1800 Mar 22 j 06:07	6°♄16'00	
greatest brilliancy	-1803 Oct 31 j 20:54	2°♄35'42	-4.7m			-1800 Apr 10 j 14:19	0°Υ	
retrograde	-1803 Nov 12 j 20:12	5°♄18'26						
asc. node	-1803 Nov 24 j 13:28	2°♄28'56		superior conj		-1800 Apr 27 j 23:11	21°Υ18'36	0°-30'-53
evening set	-1803 Nov 27 j 06:34	1°♄06'50		minimum elong		-1800 Apr 28 j 05:04	21°Υ36'40	0°30'37
	-1803 Nov 29 j 06:08	30°ℳ		max. Earth dist.		-1800 Apr 27 j 09:10	20°Υ35'36	1.73702 AU
min. Earth dist.	-1803 Dec 02 j 17:45	27°ℳ54'02	0.26571 AU			-1800 May 05 j 01:05	0°♄	
inferior conj	-1803 Dec 03 j 11:05	27°ℳ27'19	2°15'56	asc. node		-1800 May 11 j 09:06	7°♄46'39	
minimum elong	-1803 Dec 03 j 06:09	27°ℳ34'55	2°14'22			-1800 May 29 j 11:11	0°♄	
morning rise	-1803 Dec 09 j 06:16	24°ℳ01'37		evening rise		-1800 Jun 02 j 21:53	5°♄28'05	
direct	-1803 Dec 23 j 17:36	19°ℳ48'43				-1800 Jun 22 j 20:21	0°♄	
greatest brilliancy	-1802 Jan 03 j 19:30	22°ℳ06'32	-4.6m			-1800 Jul 17 j 05:09	0°♄	
	-1802 Jan 17 j 16:54	0°♄				-1800 Aug 10 j 15:04	0°η	
morning max el	-1802 Feb 11 j 11:53	21°♄33'24	46°23'21	desc. node		-1800 Aug 31 j 00:25	24°η56'09	
	-1802 Feb 19 j 21:12	0°♄				-1800 Sep 04 j 04:09	0°Δ	
desc. node	-1802 Mar 16 j 05:30	26°♄09'05				-1800 Sep 28 j 23:00	0°ℳ	
	-1802 Mar 19 j 16:26	0°≈				-1800 Oct 24 j 04:58	0°♄	
	-1802 Apr 15 j 00:21	0°♄				-1800 Nov 19 j 12:52	0°♄	
	-1802 May 10 j 15:16	0°Υ		evening max el		-1800 Dec 03 j 18:07	15°♄06'55	47°06'55
	-1802 Jun 04 j 18:53	0°♄				-1800 Dec 19 j 07:24	0°≈	
	-1802 Jun 29 j 13:00	0°♄		asc. node		-1800 Dec 22 j 01:19	2°≈22'07	
asc. node	-1802 Jul 07 j 06:40	9°♄28'00		greatest brilliancy		-1799 Jan 09 j 06:53	14°≈55'25	-4.6m
	-1802 Jul 23 j 22:32	0°♄		retrograde		-1799 Jan 23 j 13:27	18°≈39'14	
morning set	-1802 Aug 08 j 05:31	18°♄59'50		evening set		-1799 Feb 10 j 07:32	12°≈28'25	
	-1802 Aug 17 j 01:00	0°♄		min. Earth dist.		-1799 Feb 13 j 02:09	10°≈43'27	0.28508 AU

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

inferior conj	-1799 Feb 13 j 17:02	10° \approx 19'41	8°29'08		-1797 Aug 25 j 18:47	0° \mathfrak{M}	
minimum elong	-1799 Feb 13 j 16:25	10° \approx 20'40	8°29'05		-1797 Sep 18 j 19:47	0° \mathfrak{L}	
morning rise	-1799 Feb 17 j 01:37	8° \approx 13'08		desc. node	-1797 Sep 28 j 12:32	12° \mathfrak{L} 05'05	
direct	-1799 Mar 06 j 21:02	2° \approx 09'40			-1797 Oct 12 j 22:15	0° \mathfrak{M}	
greatest brilliancy	-1799 Mar 18 j 00:16	4° \approx 25'02	-4.5m		-1797 Nov 06 j 03:42	0° \mathfrak{J}	
desc. node	-1799 Apr 12 j 17:13	21° \approx 17'10			-1797 Nov 30 j 14:56	0° \mathfrak{Z}	
	-1799 Apr 22 j 10:12	0° \mathfrak{H}			-1797 Dec 25 j 14:13	0° \approx	
morning max el	-1799 Apr 24 j 17:47	2° \mathfrak{H} 11'32	45°49'34	asc. node	-1796 Jan 19 j 13:10	28° \approx 45'50	
	-1799 May 21 j 19:57	0° \mathfrak{Y}			-1796 Jan 20 j 15:48	0° \mathfrak{H}	
	-1799 Jun 17 j 16:21	0° \mathfrak{B}		evening max el	-1796 Feb 13 j 16:43	25° \mathfrak{H} 20'34	45°47'36
	-1799 Jul 13 j 08:13	0° \mathfrak{I}			-1796 Feb 18 j 12:48	0° \mathfrak{Y}	
asc. node	-1799 Aug 03 j 18:35	25° \mathfrak{I} 47'26		greatest brilliancy	-1796 Mar 18 j 23:26	22° \mathfrak{Y} 11'05	-4.5m
	-1799 Aug 07 j 05:29	0° \mathfrak{S}		retrograde	-1796 Apr 02 j 17:43	26° \mathfrak{Y} 01'19	
	-1799 Aug 31 j 13:34	0° \mathfrak{Q}		evening set	-1796 Apr 18 j 12:47	21° \mathfrak{Y} 13'05	
	-1799 Sep 24 j 13:11	0° \mathfrak{M}		inferior conj	-1796 Apr 24 j 05:16	17° \mathfrak{Y} 46'08	3°34'43
	-1799 Oct 18 j 08:48	0° \mathfrak{L}		minimum elong	-1796 Apr 24 j 12:20	17° \mathfrak{Y} 35'01	3°32'54
morning set	-1799 Oct 20 j 07:57	2° \mathfrak{L} 28'40		min. Earth dist.	-1796 Apr 24 j 16:09	17° \mathfrak{Y} 29'02	0.29119 AU
	-1799 Nov 11 j 03:51	0° \mathfrak{M}		morning rise	-1796 Apr 30 j 11:40	13° \mathfrak{Y} 58'30	
desc. node	-1799 Nov 23 j 10:16	15° \mathfrak{M} 26'43		desc. node	-1796 May 10 j 04:50	10° \mathfrak{Y} 02'07	
				direct	-1796 May 15 j 21:48	9° \mathfrak{Y} 23'28	
superior conj	-1799 Nov 30 j 23:36	24° \mathfrak{M} 56'32	0°-17'-42	greatest brilliancy	-1796 May 29 j 17:02	12° \mathfrak{Y} 41'25	-4.5m
minimum elong	-1799 Nov 30 j 18:49	24° \mathfrak{M} 41'31	0°17'30		-1796 Jun 23 j 17:06	0° \mathfrak{B}	
max. Earth dist.	-1799 Dec 04 j 20:34	29° \mathfrak{M} 48'22	1.71205 AU	morning max el	-1796 Jul 03 j 21:20	9° \mathfrak{B} 20'04	45°55'18
	-1799 Dec 05 j 00:16	0° \mathfrak{J}			-1796 Jul 24 j 02:35	0° \mathfrak{I}	
	-1799 Dec 28 j 23:00	0° \mathfrak{Z}			-1796 Aug 19 j 20:37	0° \mathfrak{S}	
evening rise	-1798 Jan 11 j 16:13	17° \mathfrak{Z} 06'52		asc. node	-1796 Aug 31 j 06:29	13° \mathfrak{S} 23'55	
	-1798 Jan 22 j 00:49	0° \approx			-1796 Sep 14 j 02:34	0° \mathfrak{Q}	
	-1798 Feb 15 j 06:54	0° \mathfrak{H}			-1796 Oct 08 j 13:23	0° \mathfrak{M}	
	-1798 Mar 11 j 19:03	0° \mathfrak{Y}			-1796 Nov 01 j 14:46	0° \mathfrak{L}	
asc. node	-1798 Mar 16 j 11:15	5° \mathfrak{Y} 40'50			-1796 Nov 25 j 13:01	0° \mathfrak{M}	
	-1798 Apr 05 j 15:26	0° \mathfrak{B}			-1796 Dec 19 j 11:45	0° \mathfrak{J}	
	-1798 Apr 30 j 23:10	0° \mathfrak{I}		desc. node	-1796 Dec 20 j 22:07	1° \mathfrak{J} 47'27	
	-1798 May 27 j 00:23	0° \mathfrak{S}		morning set	-1795 Jan 05 j 16:21	21° \mathfrak{J} 28'19	
	-1798 Jun 23 j 11:07	0° \mathfrak{Q}			-1795 Jan 12 j 12:31	0° \mathfrak{Z}	
desc. node	-1798 Jul 06 j 02:31	12° \mathfrak{Q} 51'15			-1795 Feb 05 j 15:42	0° \approx	
evening max el	-1798 Jul 09 j 00:44	15° \mathfrak{Q} 42'05	46°05'17				
	-1798 Jul 24 j 23:13	0° \mathfrak{M}		superior conj	-1795 Feb 15 j 03:30	11° \approx 45'53	-1°-24'-39
greatest brilliancy	-1798 Aug 17 j 04:33	14° \mathfrak{M} 25'05	-4.6m	minimum elong	-1795 Feb 15 j 03:15	11° \approx 45'05	1°24'42
retrograde	-1798 Aug 27 j 10:13	16° \mathfrak{M} 19'34		max. Earth dist.	-1795 Feb 18 j 09:14	15° \approx 46'25	1.72728 AU
evening set	-1798 Sep 13 j 19:44	10° \mathfrak{M} 40'51			-1795 Mar 01 j 21:30	0° \mathfrak{H}	
inferior conj	-1798 Sep 17 j 05:13	8° \mathfrak{M} 38'56	-8°-8'-10	evening rise	-1795 Mar 25 j 10:16	28° \mathfrak{H} 58'59	
minimum elong	-1798 Sep 17 j 13:32	8° \mathfrak{M} 26'17	8°07'06		-1795 Mar 26 j 06:09	0° \mathfrak{Y}	
min. Earth dist.	-1798 Sep 17 j 21:50	8° \mathfrak{M} 13'40	0.27007 AU	asc. node	-1795 Apr 12 j 23:12	21° \mathfrak{Y} 42'48	
morning rise	-1798 Sep 21 j 07:03	6° \mathfrak{M} 12'39			-1795 Apr 19 j 17:52	0° \mathfrak{B}	
direct	-1798 Oct 07 j 21:13	0° \mathfrak{M} 53'28			-1795 May 14 j 08:54	0° \mathfrak{I}	
greatest brilliancy	-1798 Oct 21 j 06:15	4° \mathfrak{M} 11'12	-4.7m		-1795 Jun 08 j 03:58	0° \mathfrak{S}	
asc. node	-1798 Oct 27 j 03:45	7° \mathfrak{M} 23'21			-1795 Jul 03 j 04:56	0° \mathfrak{Q}	
	-1798 Nov 23 j 05:32	0° \mathfrak{L}			-1795 Jul 28 j 15:58	0° \mathfrak{M}	
morning max el	-1798 Nov 27 j 16:09	4° \mathfrak{L} 28'25	46°54'09	desc. node	-1795 Aug 02 j 14:25	5° \mathfrak{M} 43'48	
	-1798 Dec 21 j 06:22	0° \mathfrak{M}			-1795 Aug 23 j 21:57	0° \mathfrak{L}	
	-1797 Jan 16 j 06:13	0° \mathfrak{J}		evening max el	-1795 Sep 20 j 14:39	29° \mathfrak{L} 34'29	47°21'05
	-1797 Feb 10 j 13:50	0° \mathfrak{Z}			-1795 Sep 21 j 00:51	0° \mathfrak{M}	
desc. node	-1797 Feb 15 j 19:48	6° \mathfrak{Z} 16'02			-1795 Oct 29 j 04:37	0° \mathfrak{J}	
	-1797 Mar 07 j 14:42	0° \approx		greatest brilliancy	-1795 Oct 29 j 10:51	0° \mathfrak{J} 06'41	-4.7m
	-1797 Apr 01 j 11:53	0° \mathfrak{H}		retrograde	-1795 Nov 10 j 09:38	2° \mathfrak{J} 48'19	
	-1797 Apr 26 j 06:06	0° \mathfrak{Y}			-1795 Nov 22 j 01:25	30° \mathfrak{R} \mathfrak{M}	
	-1797 May 20 j 21:02	0° \mathfrak{B}		asc. node	-1795 Nov 23 j 15:28	29° \mathfrak{M} 13'33	
morning set	-1797 May 29 j 17:44	10° \mathfrak{B} 50'53		evening set	-1795 Nov 24 j 18:43	28° \mathfrak{M} 37'43	
asc. node	-1797 Jun 08 j 20:55	23° \mathfrak{B} 17'00		inferior conj	-1795 Nov 30 j 23:33	24° \mathfrak{M} 58'02	1°52'32
	-1797 Jun 14 j 07:58	0° \mathfrak{I}		minimum elong	-1795 Nov 30 j 19:26	25° \mathfrak{M} 04'23	1°51'12
max. Earth dist.	-1797 Jun 30 j 20:40	20° \mathfrak{I} 24'09	1.72945 AU	min. Earth dist.	-1795 Nov 30 j 07:08	25° \mathfrak{M} 23'16	0.26530 AU
				morning rise	-1795 Dec 06 j 20:43	21° \mathfrak{M} 30'18	
superior conj	-1797 Jul 04 j 21:40	25° \mathfrak{I} 24'23	0°56'17	direct	-1795 Dec 21 j 06:17	17° \mathfrak{M} 20'10	
minimum elong	-1797 Jul 04 j 13:04	24° \mathfrak{I} 57'44	0°55'59	greatest brilliancy	-1794 Jan 01 j 08:43	19° \mathfrak{M} 39'16	-4.6m
	-1797 Jul 08 j 14:38	0° \mathfrak{S}			-1794 Jan 18 j 12:42	0° \mathfrak{J}	
	-1797 Aug 01 j 17:42	0° \mathfrak{Q}		morning max el	-1794 Feb 09 j 02:27	19° \mathfrak{J} 13'23	46°24'46
evening rise	-1797 Aug 10 j 05:07	10° \mathfrak{Q} 34'06			-1794 Feb 19 j 17:34	0° \mathfrak{Z}	

Planetary Phenomena of Venus from -1900 through -1400 (UT), Astrodienst AG 7-Dez-2017 14:43, page 22

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

desc. node	-1794 Mar 15 j 07:42	25°☾30'57		-1792 Sep 28 j 12:21	0°♍	
	-1794 Mar 19 j 07:56	0°≈		-1792 Oct 23 j 19:53	0°♊	
	-1794 Apr 14 j 13:46	0°♋		-1792 Nov 19 j 07:13	0°♈	
	-1794 May 10 j 03:34	0°♍	evening max el	-1792 Dec 01 j 09:04	12°☾46'30	47°08'53
	-1794 Jun 04 j 06:31	0°♌		-1792 Dec 19 j 14:57	0°≈	
	-1794 Jun 29 j 00:16	0°♍	asc. node	-1792 Dec 21 j 03:27	1°≈16'18	
asc. node	-1794 Jul 06 j 08:50	9°♍00'23	greatest brilliancy	-1791 Jan 07 j 01:22	12°≈42'07	-4.6m
	-1794 Jul 23 j 09:37	0°☾	retrograde	-1791 Jan 21 j 04:58	16°≈23'01	
morning set	-1794 Aug 05 j 21:43	16°☾46'24	evening set	-1791 Feb 07 j 22:20	10°≈14'23	
	-1794 Aug 16 j 12:02	0°♌	min. Earth dist.	-1791 Feb 10 j 17:02	8°≈29'18	0.28449 AU
	-1794 Sep 09 j 09:56	0°♍	inferior conj	-1791 Feb 11 j 08:44	8°≈04'14	8°28'36
max. Earth dist.	-1794 Sep 10 j 15:19	1°♍32'22	1.71324 AU	minimum elong	-1791 Feb 11 j 07:21	8°≈06'25
				8°28'33		
			morning rise	-1791 Feb 14 j 16:40	5°≈58'30	
superior conj	-1794 Sep 12 j 17:49	4°♍11'08	1°19'07	-1791 Mar 02 j 12:17	30°♌☾	
minimum elong	-1794 Sep 13 j 00:38	4°♍32'36	1°19'01	direct	-1791 Mar 04 j 11:45	29°☾55'20
	-1794 Oct 03 j 06:02	0°♌		-1791 Mar 06 j 11:43	0°≈	
evening rise	-1794 Oct 23 j 06:31	25°♌10'55		greatest brilliancy	-1791 Mar 15 j 13:30	2°≈08'54
desc. node	-1794 Oct 26 j 00:28	28°♌38'06		desc. node	-1791 Apr 11 j 19:13	20°≈18'53
	-1794 Oct 27 j 02:32	0°♍		-1791 Apr 22 j 09:30	0°♋	
	-1794 Nov 20 j 00:44	0°♊	morning max el	-1791 Apr 22 j 07:50	29°≈56'03	45°50'08
	-1794 Dec 14 j 01:45	0°☾		-1791 May 21 j 11:57	0°♍	
	-1793 Jan 07 j 07:31	0°≈		-1791 Jun 17 j 05:50	0°♌	
	-1793 Jan 31 j 21:45	0°♋		-1791 Jul 12 j 20:30	0°♍	
asc. node	-1793 Feb 16 j 01:15	18°♋08'22		asc. node	-1791 Aug 02 j 20:42	25°♍18'15
	-1793 Feb 26 j 02:39	0°♍		-1791 Aug 06 j 17:08	0°☾	
	-1793 Mar 24 j 09:23	0°♌		-1791 Aug 31 j 00:53	0°♌	
	-1793 Apr 21 j 22:45	0°♍		-1791 Sep 24 j 00:20	0°♍	
evening max el	-1793 Apr 25 j 12:04	3°♍25'55	45°13'19	morning set	-1791 Oct 17 j 19:31	29°♍58'51
greatest brilliancy	-1793 May 30 j 20:21	29°♍45'58	-4.5m		-1791 Oct 17 j 19:53	0°♌
	-1793 May 31 j 09:46	0°☾		-1791 Nov 10 j 14:54	0°♍	
desc. node	-1793 Jun 07 j 16:49	2°☾12'39		desc. node	-1791 Nov 22 j 12:20	14°♍58'31
retrograde	-1793 Jun 12 j 20:34	2°☾42'06				
	-1793 Jun 24 j 16:08	30°♌♍		superior conj	-1791 Nov 28 j 09:00	22°♍20'38
evening set	-1793 Jun 28 j 10:09	28°♍07'09		minimum elong	-1791 Nov 28 j 05:14	22°♍08'50
inferior conj	-1793 Jul 04 j 03:48	24°♍42'58	-5°-43'-33	behind sun begin	-1791 Nov 27 j 14:07	21°♍21'19
minimum elong	-1793 Jul 03 j 17:48	24°♍58'22	5°41'18	behind sun end	-1791 Nov 28 j 20:22	22°♍56'21
min. Earth dist.	-1793 Jul 04 j 09:43	24°♍33'51	0.28471 AU	max. Earth dist.	-1791 Dec 02 j 01:06	26°♍57'18
morning rise	-1793 Jul 09 j 01:07	21°♍46'34			-1791 Dec 04 j 11:18	0°♊
direct	-1793 Jul 25 j 17:16	16°♍33'05			-1791 Dec 28 j 10:02	0°☾
greatest brilliancy	-1793 Aug 09 j 03:52	20°♍14'01	-4.6m	evening rise	-1790 Jan 09 j 03:22	14°☾37'40
	-1793 Aug 24 j 08:28	0°☾		-1790 Jan 21 j 11:53	0°≈	
morning max el	-1793 Sep 13 j 18:20	18°☾26'01	46°33'13	-1790 Feb 14 j 18:05	0°♋	
	-1793 Sep 24 j 22:00	0°♌		-1790 Mar 11 j 06:28	0°♍	
asc. node	-1793 Sep 28 j 18:12	4°♌09'05		asc. node	-1790 Mar 15 j 13:16	5°♍12'08
	-1793 Oct 21 j 12:41	0°♍		-1790 Apr 05 j 03:20	0°♌	
	-1793 Nov 15 j 15:00	0°♌		-1790 Apr 30 j 12:00	0°♍	
	-1793 Dec 10 j 03:30	0°♍		-1790 May 26 j 15:05	0°☾	
	-1792 Jan 03 j 11:48	0°♊		-1790 Jun 23 j 06:06	0°♌	
desc. node	-1792 Jan 18 j 10:05	18°♊24'38		desc. node	-1790 Jul 05 j 04:42	12°♌00'52
	-1792 Jan 27 j 19:48	0°☾		evening max el	-1790 Jul 06 j 12:47	13°♌18'30
	-1792 Feb 21 j 04:43	0°≈			-1790 Jul 25 j 11:37	0°♍
	-1792 Mar 16 j 14:38	0°♋		greatest brilliancy	-1790 Aug 14 j 16:01	11°♍59'27
morning set	-1792 Mar 19 j 22:31	4°♋05'11		retrograde	-1790 Aug 24 j 22:14	13°♍54'49
	-1792 Apr 10 j 01:14	0°♍		evening set	-1790 Sep 11 j 10:51	8°♍11'37
				inferior conj	-1790 Sep 14 j 17:49	6°♍13'34
superior conj	-1792 Apr 25 j 17:15	19°♍13'23	0°-33'-48	minimum elong	-1790 Sep 15 j 01:30	6°♍01'55
minimum elong	-1792 Apr 25 j 23:37	19°♍32'53	0°33'30	min. Earth dist.	-1790 Sep 15 j 10:46	5°♍47'52
max. Earth dist.	-1792 Apr 25 j 06:59	18°♍41'54	1.73695 AU	morning rise	-1790 Sep 18 j 15:52	3°♍52'58
	-1792 May 04 j 11:58	0°♌		-1790 Sep 26 j 17:27	30°♌♌	
asc. node	-1792 May 10 j 11:05	7°♌19'19		direct	-1790 Oct 05 j 10:12	28°♌26'58
	-1792 May 28 j 22:08	0°♍		-1790 Oct 14 j 10:30	0°♍	
evening rise	-1792 May 31 j 17:04	3°♍25'46		greatest brilliancy	-1790 Oct 18 j 22:27	1°♍48'21
	-1792 Jun 22 j 07:27	0°☾		asc. node	-1790 Oct 26 j 05:44	5°♍54'37
	-1792 Jul 16 j 16:31	0°♌		-1790 Nov 23 j 05:30	0°♌	
	-1792 Aug 10 j 02:53	0°♍		morning max el	-1790 Nov 25 j 05:41	2°♌02'24
desc. node	-1792 Aug 30 j 02:35	24°♍25'18			-1790 Dec 20 j 23:06	0°♍
	-1792 Sep 03 j 16:34	0°♌			-1789 Jan 15 j 20:18	0°♊

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1789 Feb 10 j 02:34	0°☾					-1787 Sep 21 j 00:49	0°☾		
desc. node	-1789 Feb 14 j 21:56	5°☾44'56			greatest brilliancy	-1787 Oct 27 j 01:20	27°☾39'25		-4.7m	
	-1789 Mar 07 j 02:38	0°≈				-1787 Nov 03 j 23:47	0°☾			
	-1789 Mar 31 j 23:17	0°☾			retrograde	-1787 Nov 07 j 22:57	0°☾18'55			
	-1789 Apr 25 j 17:09	0°☾				-1787 Nov 11 j 20:15	30°☾			
	-1789 May 20 j 07:50	0°☾			evening set	-1787 Nov 22 j 07:07	26°☾09'23			
morning set	-1789 May 27 j 12:12	8°☾47'23			asc. node	-1787 Nov 22 j 17:42	25°☾54'57			
asc. node	-1789 Jun 07 j 23:04	22°☾50'42			inferior conj	-1787 Nov 28 j 12:00	22°☾29'39		1°28'46	
	-1789 Jun 13 j 18:40	0°☾			minimum elong	-1787 Nov 28 j 08:42	22°☾34'42		1°27'42	
max. Earth dist.	-1789 Jun 28 j 18:18	18°☾29'26	1.72996 AU		min. Earth dist.	-1787 Nov 27 j 20:34	22°☾53'20		0.26488 AU	
					morning rise	-1787 Dec 04 j 10:55	18°☾59'56			
superior conj	-1789 Jul 02 j 15:39	23°☾18'16	0°53'52		direct	-1787 Dec 18 j 19:08	14°☾52'41			
minimum elong	-1789 Jul 02 j 07:10	22°☾51'58	0°53'35		greatest brilliancy	-1787 Dec 29 j 21:33	17°☾12'20		-4.6m	
	-1789 Jul 08 j 01:21	0°☾				-1786 Jan 19 j 03:00	0°☾			
	-1789 Aug 01 j 04:33	0°☾			morning max el	-1786 Feb 06 j 16:21	16°☾52'45		46°26'18	
evening rise	-1789 Aug 07 j 21:18	8°☾20'55				-1786 Feb 19 j 12:51	0°☾			
	-1789 Aug 25 j 05:51	0°☾			desc. node	-1786 Mar 14 j 09:40	24°☾53'51			
	-1789 Sep 18 j 07:05	0°☾				-1786 Mar 18 j 22:46	0°≈			
desc. node	-1789 Sep 27 j 14:30	11°☾35'41				-1786 Apr 14 j 02:38	0°☾			
	-1789 Oct 12 j 09:50	0°☾				-1786 May 09 j 15:24	0°☾			
	-1789 Nov 05 j 15:39	0°☾				-1786 Jun 03 j 17:48	0°☾			
	-1789 Nov 30 j 03:27	0°☾				-1786 Jun 28 j 11:15	0°☾			
	-1789 Dec 25 j 03:48	0°≈			asc. node	-1786 Jul 05 j 10:58	8°☾33'27			
asc. node	-1788 Jan 18 j 15:20	28°≈07'52				-1786 Jul 22 j 20:28	0°☾			
	-1788 Jan 20 j 07:48	0°☾			morning set	-1786 Aug 03 j 13:46	14°☾33'16			
evening max el	-1788 Feb 11 j 08:20	23°☾08'32	45°50'03			-1786 Aug 15 j 22:51	0°☾			
	-1788 Feb 18 j 12:51	0°☾			max. Earth dist.	-1786 Sep 07 j 21:49	28°☾47'50		1.71367 AU	
greatest brilliancy	-1788 Mar 16 j 14:47	20°☾02'02	-4.5m			-1786 Sep 08 j 20:47	0°☾			
retrograde	-1788 Mar 31 j 11:03	23°☾54'24								
evening set	-1788 Apr 16 j 07:41	19°☾02'32			superior conj	-1786 Sep 10 j 07:25	1°☾48'51		1°20'18	
inferior conj	-1788 Apr 21 j 22:00	15°☾38'26	3°51'59		minimum elong	-1786 Sep 10 j 13:30	2°☾07'57		1°20'13	
minimum elong	-1788 Apr 22 j 05:31	15°☾26'38	3°50'04			-1786 Oct 02 j 16:59	0°☾			
min. Earth dist.	-1788 Apr 22 j 08:26	15°☾22'02	0.29132 AU		evening rise	-1786 Oct 20 j 16:10	22°☾35'39			
morning rise	-1788 Apr 28 j 03:12	11°☾52'42			desc. node	-1786 Oct 25 j 02:33	28°☾09'52			
desc. node	-1788 May 09 j 06:56	7°☾37'45				-1786 Oct 26 j 13:37	0°☾			
direct	-1788 May 13 j 14:40	7°☾15'34				-1786 Nov 19 j 11:57	0°☾			
greatest brilliancy	-1788 May 27 j 08:54	10°☾33'06	-4.5m			-1786 Dec 13 j 13:07	0°☾			
	-1788 Jun 23 j 19:43	0°☾				-1785 Jan 06 j 19:06	0°≈			
morning max el	-1788 Jul 01 j 14:27	7°☾13'03	45°54'21			-1785 Jan 31 j 09:48	0°☾			
	-1788 Jul 23 j 19:12	0°☾			asc. node	-1785 Feb 15 j 03:18	17°☾37'15			
	-1788 Aug 19 j 10:22	0°☾				-1785 Feb 25 j 15:40	0°☾			
asc. node	-1788 Aug 30 j 08:33	12°☾51'15				-1785 Mar 24 j 00:33	0°☾			
	-1788 Sep 13 j 15:04	0°☾				-1785 Apr 21 j 20:10	0°☾			
	-1788 Oct 08 j 01:16	0°☾			evening max el	-1785 Apr 23 j 03:18	1°☾14'33		45°12'58	
	-1788 Nov 01 j 02:17	0°☾			greatest brilliancy	-1785 May 28 j 10:17	27°☾33'37		-4.5m	
	-1788 Nov 25 j 00:17	0°☾				-1785 Jun 05 j 04:31	0°☾			
	-1788 Dec 18 j 22:50	0°☾			desc. node	-1785 Jun 06 j 18:58	0°☾15'43			
desc. node	-1788 Dec 20 j 00:17	1°☾19'37			retrograde	-1785 Jun 10 j 11:04	0°☾30'48			
morning set	-1787 Jan 03 j 02:57	18°☾57'25				-1785 Jun 15 j 14:36	30°☾			
	-1787 Jan 11 j 23:26	0°☾			evening set	-1785 Jun 25 j 23:05	25°☾59'01			
	-1787 Feb 05 j 02:29	0°≈			inferior conj	-1785 Jul 01 j 19:14	22°☾31'14		-5°-27'-31	
					minimum elong	-1785 Jul 01 j 09:25	22°☾46'22		5°25'14	
superior conj	-1787 Feb 12 j 17:36	9°≈27'38	-1°-24'-33		min. Earth dist.	-1785 Jul 02 j 01:25	22°☾21'41		0.28506 AU	
minimum elong	-1787 Feb 12 j 16:27	9°≈24'06	1°24'36		morning rise	-1785 Jul 06 j 19:21	19°☾30'24			
max. Earth dist.	-1787 Feb 16 j 01:56	13°≈36'25	1.72676 AU		direct	-1785 Jul 23 j 08:56	14°☾20'41			
	-1787 Mar 01 j 08:11	0°☾			greatest brilliancy	-1785 Aug 06 j 19:21	18°☾00'27		-4.6m	
evening rise	-1787 Mar 23 j 03:00	26°☾50'07				-1785 Aug 24 j 19:12	0°☾			
	-1787 Mar 25 j 16:50	0°☾			morning max el	-1785 Sep 11 j 07:48	16°☾04'38		46°31'48	
asc. node	-1787 Apr 12 j 01:13	21°☾15'56				-1785 Sep 24 j 16:29	0°☾			
	-1787 Apr 19 j 04:42	0°☾			asc. node	-1785 Sep 27 j 20:12	3°☾26'00			
	-1787 May 13 j 20:04	0°☾				-1785 Oct 21 j 03:27	0°☾			
	-1787 Jun 07 j 15:40	0°☾				-1785 Nov 15 j 04:13	0°☾			
	-1787 Jul 02 j 17:31	0°☾				-1785 Dec 09 j 15:53	0°☾			
	-1787 Jul 28 j 05:59	0°☾				-1784 Jan 02 j 23:37	0°☾			
desc. node	-1787 Aug 01 j 16:33	5°☾08'23			desc. node	-1784 Jan 17 j 12:09	17°☾55'22			
	-1787 Aug 23 j 14:43	0°☾				-1784 Jan 27 j 07:14	0°☾			
evening max el	-1787 Sep 18 j 05:31	27°☾13'14	47°19'30			-1784 Feb 20 j 15:50	0°≈			

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1784 Mar 16 j 01:30	0° H		greatest brilliancy	-1782 Aug 12 j 02:19	9° M 33'23	-4.6m
morning set	-1784 Mar 17 j 15:04	1° H 55'21		retrograde	-1782 Aug 22 j 11:01	11° M 30'48	
	-1784 Apr 09 j 11:57	0° Y		evening set	-1782 Sep 09 j 01:53	5° M 43'21	
				inferior conj	-1782 Sep 12 j 06:37	3° M 48'40	-8°-24'-57
superior conj	-1784 Apr 23 j 11:42	17° Y 10'01	0°-36'-37	minimum elong	-1782 Sep 12 j 13:37	3° M 38'04	8°24'13
minimum elong	-1784 Apr 23 j 18:29	17° Y 30'52	0°36'19	min. Earth dist.	-1782 Sep 12 j 23:23	3° M 23'15	0.27125 AU
max. Earth dist.	-1784 Apr 23 j 03:49	16° Y 45'52	1.73683 AU	morning rise	-1782 Sep 16 j 01:05	1° M 33'27	
	-1784 May 03 j 22:38	0° B			-1782 Sep 18 j 20:23	30° R 0	
asc. node	-1784 May 09 j 13:18	6° B 53'26		direct	-1782 Oct 02 j 23:56	26° O 00'55	
	-1784 May 28 j 08:51	0° II		greatest brilliancy	-1782 Oct 16 j 14:25	29° O 25'16	-4.7m
evening rise	-1784 May 29 j 12:38	1° II 25'22			-1782 Oct 17 j 18:58	0° M	
	-1784 Jun 21 j 18:22	0° S		asc. node	-1782 Oct 25 j 08:00	4° M 29'10	
	-1784 Jul 16 j 03:48	0° O		morning max el	-1782 Nov 22 j 20:18	29° M 38'26	46°54'43
	-1784 Aug 09 j 14:40	0° M			-1782 Nov 23 j 04:43	0° A	
desc. node	-1784 Aug 29 j 04:33	23° M 53'47			-1782 Dec 20 j 15:51	0° M	
	-1784 Sep 03 j 05:02	0° A			-1781 Jan 15 j 10:34	0° J	
	-1784 Sep 28 j 01:48	0° M			-1781 Feb 09 j 15:30	0° S	
	-1784 Oct 23 j 10:59	0° J		desc. node	-1781 Feb 13 j 23:58	5° S 12'51	
	-1784 Nov 19 j 02:00	0° S			-1781 Mar 06 j 14:45	0° \approx	
evening max el	-1784 Nov 28 j 23:02	10° S 23'39	47°11'01		-1781 Mar 31 j 10:51	0° H	
asc. node	-1784 Dec 20 j 05:35	0° \approx 09'02			-1781 Apr 25 j 04:20	0° Y	
	-1784 Dec 20 j 01:07	0° \approx			-1781 May 19 j 18:49	0° B	
greatest brilliancy	-1783 Jan 04 j 19:16	10° \approx 28'07	-4.6m	morning set	-1781 May 25 j 07:00	6° B 44'25	
retrograde	-1783 Jan 18 j 20:31	14° \approx 07'13		asc. node	-1781 Jun 07 j 01:13	22° B 23'48	
evening set	-1783 Feb 05 j 12:50	8° \approx 01'01			-1781 Jun 13 j 05:33	0° II	
min. Earth dist.	-1783 Feb 08 j 08:03	6° \approx 15'18	0.28388 AU	max. Earth dist.	-1781 Jun 26 j 15:57	16° II 34'19	1.73041 AU
inferior conj	-1783 Feb 09 j 00:29	5° \approx 49'05	8°27'18				
minimum elong	-1783 Feb 08 j 22:20	5° \approx 52'30	8°27'13	superior conj	-1781 Jun 30 j 10:08	21° II 13'11	0°51'25
morning rise	-1783 Feb 12 j 08:06	3° \approx 43'49		minimum elong	-1781 Jun 30 j 01:48	20° II 47'25	0°51'08
	-1783 Feb 19 j 08:34	30° R 0			-1781 Jul 07 j 12:15	0° S	
direct	-1783 Mar 02 j 02:11	27° S 41'06			-1781 Jul 31 j 15:34	0° O	
greatest brilliancy	-1783 Mar 13 j 03:43	29° S 54'07	-4.5m	evening rise	-1781 Aug 05 j 14:08	6° O 09'22	
	-1783 Mar 13 j 09:50	0° \approx			-1781 Aug 24 j 17:04	0° M	
desc. node	-1783 Apr 10 j 21:18	19° \approx 22'28			-1781 Sep 17 j 18:34	0° A	
morning max el	-1783 Apr 19 j 22:15	27° \approx 41'39	45°50'56	desc. node	-1781 Sep 26 j 16:39	11° A 06'13	
	-1783 Apr 22 j 07:41	0° H			-1781 Oct 11 j 21:39	0° M	
	-1783 May 21 j 03:34	0° Y			-1781 Nov 05 j 03:56	0° J	
	-1783 Jun 16 j 19:05	0° B			-1781 Nov 29 j 16:25	0° S	
	-1783 Jul 12 j 08:36	0° II			-1781 Dec 24 j 17:55	0° \approx	
asc. node	-1783 Aug 01 j 22:47	24° II 49'17		asc. node	-1780 Jan 17 j 17:23	27° \approx 27'57	
	-1783 Aug 06 j 04:41	0° S			-1780 Jan 20 j 00:33	0° H	
	-1783 Aug 30 j 12:10	0° O		evening max el	-1780 Feb 09 j 00:35	20° H 56'44	45°52'42
	-1783 Sep 23 j 11:32	0° M			-1780 Feb 18 j 14:41	0° Y	
morning set	-1783 Oct 15 j 06:54	27° M 28'04		greatest brilliancy	-1780 Mar 14 j 07:31	17° Y 53'39	-4.5m
	-1783 Oct 17 j 07:05	0° A		retrograde	-1780 Mar 29 j 04:26	21° Y 46'19	
	-1783 Nov 10 j 02:04	0° M		evening set	-1780 Apr 14 j 02:43	16° Y 51'02	
desc. node	-1783 Nov 21 j 14:33	14° M 30'20		inferior conj	-1780 Apr 19 j 14:45	13° Y 29'45	4°08'52
				minimum elong	-1780 Apr 19 j 22:39	13° Y 17'19	4°06'54
superior conj	-1783 Nov 25 j 17:54	19° M 42'43	0°-9'-45	min. Earth dist.	-1780 Apr 20 j 00:29	13° Y 14'24	0.29137 AU
minimum elong	-1783 Nov 25 j 15:13	19° M 34'18	0°09'41	morning rise	-1780 Apr 25 j 18:34	9° Y 46'02	
behind sun begin	-1783 Nov 24 j 17:11	18° M 25'02		desc. node	-1780 May 08 j 09:10	5° Y 17'11	
behind sun end	-1783 Nov 26 j 13:15	20° M 43'33		direct	-1780 May 11 j 07:48	5° Y 06'56	
max. Earth dist.	-1783 Nov 29 j 03:35	23° M 59'22	1.71137 AU	greatest brilliancy	-1780 May 24 j 23:35	8° Y 22'29	-4.5m
	-1783 Dec 03 j 22:27	0° J			-1780 Jun 23 j 21:15	0° B	
	-1783 Dec 27 j 21:10	0° S		morning max el	-1780 Jun 29 j 07:29	5° B 05'10	45°53'30
evening rise	-1782 Jan 06 j 14:09	12° S 06'58			-1780 Jul 23 j 11:48	0° II	
	-1782 Jan 20 j 23:02	0° \approx			-1780 Aug 19 j 00:14	0° S	
	-1782 Feb 14 j 05:20	0° H		asc. node	-1780 Aug 29 j 10:35	12° S 17'59	
	-1782 Mar 10 j 17:57	0° Y			-1780 Sep 13 j 03:44	0° O	
asc. node	-1782 Mar 14 j 15:20	4° Y 43'21			-1780 Oct 07 j 13:19	0° M	
	-1782 Apr 04 j 15:19	0° B			-1780 Oct 31 j 14:00	0° A	
	-1782 Apr 30 j 00:57	0° II			-1780 Nov 24 j 11:49	0° M	
	-1782 May 26 j 05:57	0° S			-1780 Dec 18 j 10:15	0° J	
	-1782 Jun 23 j 01:33	0° O		desc. node	-1780 Dec 19 j 02:21	0° J 50'21	
evening max el	-1782 Jul 04 j 01:41	10° O 57'26	45°59'50	morning set	-1780 Dec 31 j 13:13	16° J 24'17	
desc. node	-1782 Jul 04 j 06:46	11° O 09'39			-1779 Jan 11 j 10:45	0° S	
	-1782 Jul 26 j 03:57	0° M			-1779 Feb 04 j 13:41	0° \approx	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1779 Feb 10 j 07:03	7°≈05'58	-1°-24'-18			-1777 Aug 25 j 03:29	0°☿	
minimum elong	-1779 Feb 10 j 05:02	6°≈59'42	1°24'20	morning max el		-1777 Sep 08 j 21:30	13°☿43'11	46°30'27
max. Earth dist.	-1779 Feb 13 j 18:59	11°≈26'02	1.72623 AU			-1777 Sep 24 j 10:48	0°♊	
	-1779 Feb 28 j 19:18	0°♋		asc. node		-1777 Sep 26 j 22:27	2°♊43'22	
evening rise	-1779 Mar 20 j 19:10	24°♋38'10				-1777 Oct 20 j 18:18	0°♌	
	-1779 Mar 25 j 03:56	0°♍				-1777 Nov 14 j 17:34	0°♎	
asc. node	-1779 Apr 11 j 03:25	20°♍48'25				-1777 Dec 09 j 04:25	0°♏	
	-1779 Apr 18 j 15:57	0°♐				-1776 Jan 02 j 11:37	0°♑	
	-1779 May 13 j 07:38	0°♒		desc. node		-1776 Jan 16 j 14:11	17°♑25'24	
	-1779 Jun 07 j 03:46	0°☿				-1776 Jan 26 j 18:49	0°☿	
	-1779 Jul 02 j 06:29	0°♊				-1776 Feb 20 j 03:08	0°≈	
	-1779 Jul 27 j 20:27	0°♌		morning set		-1776 Mar 15 j 07:24	29°≈43'59	
desc. node	-1779 Jul 31 j 18:34	4°♌31'30				-1776 Mar 15 j 12:37	0°♋	
	-1779 Aug 23 j 08:05	0°♍				-1776 Apr 08 j 22:58	0°♍	
evening max el	-1779 Sep 15 j 20:20	24°♍51'18	47°17'49					
	-1779 Sep 21 j 02:09	0°♎		superior conj		-1776 Apr 21 j 05:53	15°♍04'57	0°-39'-25
greatest brilliancy	-1779 Oct 24 j 16:36	25°♎12'55	-4.7m	minimum elong		-1776 Apr 21 j 13:06	15°♍27'04	0°39'07
retrograde	-1779 Nov 05 j 11:57	27°♎49'18		max. Earth dist.		-1776 Apr 20 j 22:56	14°♍43'38	1.73677 AU
evening set	-1779 Nov 19 j 19:58	23°♎40'44				-1776 May 03 j 09:36	0°♐	
asc. node	-1779 Nov 21 j 19:45	22°♎33'33		asc. node		-1776 May 08 j 15:23	6°♐26'06	
min. Earth dist.	-1779 Nov 25 j 10:25	20°♎23'00	0.26453 AU	evening rise		-1776 May 27 j 07:52	29°♐23'04	
inferior conj	-1779 Nov 26 j 00:38	20°♏01'10	1°05'01			-1776 May 27 j 19:53	0°♒	
minimum elong	-1779 Nov 25 j 22:12	20°♏04'54	1°04'12			-1776 Jun 21 j 05:35	0°☿	
morning rise	-1779 Dec 02 j 01:05	16°♏29'28				-1776 Jul 15 j 15:20	0°♊	
direct	-1779 Dec 16 j 07:59	12°♏25'04				-1776 Aug 09 j 02:42	0°♌	
greatest brilliancy	-1779 Dec 27 j 10:52	14°♏45'13	-4.6m	desc. node		-1776 Aug 28 j 06:41	23°♌22'03	
	-1778 Jan 19 j 14:03	0°♑				-1776 Sep 02 j 17:47	0°♍	
morning max el	-1778 Feb 04 j 05:27	14°♑28'46	46°27'31			-1776 Sep 27 j 15:33	0°♎	
	-1778 Feb 19 j 08:04	0°☿				-1776 Oct 23 j 02:29	0°♐	
desc. node	-1778 Mar 13 j 11:48	24°☿16'06				-1776 Nov 18 j 21:30	0°☿	
	-1778 Mar 18 j 13:53	0°≈		evening max el		-1776 Nov 26 j 13:06	8°☿00'27	47°13'10
	-1778 Apr 13 j 15:55	0°♋		asc. node		-1776 Dec 19 j 07:39	28°☿59'19	
	-1778 May 09 j 03:39	0°♍				-1776 Dec 20 j 15:01	0°≈	
	-1778 Jun 03 j 05:27	0°♐		greatest brilliancy		-1775 Jan 02 j 12:11	8°≈12'10	-4.6m
	-1778 Jun 27 j 22:34	0°♒		retrograde		-1775 Jan 16 j 12:25	11°≈50'56	
asc. node	-1778 Jul 04 j 12:58	8°♒05'04		evening set		-1775 Feb 03 j 02:57	5°≈47'23	
	-1778 Jul 22 j 07:38	0°☿		min. Earth dist.		-1775 Feb 05 j 22:50	4°≈00'54	0.28328 AU
morning set	-1778 Aug 01 j 05:53	12°☿19'27		inferior conj		-1775 Feb 06 j 16:10	3°≈33'18	8°25'11
	-1778 Aug 15 j 09:59	0°♊		minimum elong		-1775 Feb 06 j 13:16	3°≈37'56	8°25'02
max. Earth dist.	-1778 Sep 05 j 04:46	26°♊03'45	1.71413 AU	morning rise		-1775 Feb 09 j 23:50	1°≈28'09	
						-1775 Feb 12 j 11:37	30°♋☿	
superior conj	-1778 Sep 07 j 21:24	29°♊26'51	1°21'19	direct		-1775 Feb 27 j 16:32	25°☿26'10	
minimum elong	-1778 Sep 08 j 02:43	29°♊43'31	1°21'16	greatest brilliancy		-1775 Mar 10 j 18:06	27°☿39'09	-4.5m
	-1778 Sep 08 j 07:58	0°♌				-1775 Mar 15 j 22:53	0°≈	
	-1778 Oct 02 j 04:16	0°♍		desc. node		-1775 Apr 09 j 23:32	18°≈27'13	
evening rise	-1778 Oct 18 j 02:15	20°♍00'54		morning max el		-1775 Apr 17 j 13:17	25°≈28'14	45°51'39
desc. node	-1778 Oct 24 j 04:44	27°♍41'00				-1775 Apr 22 j 05:14	0°♋	
	-1778 Oct 26 j 00:59	0°♎				-1775 May 20 j 19:09	0°♍	
	-1778 Nov 18 j 23:26	0°♐				-1775 Jun 16 j 08:27	0°♐	
	-1778 Dec 13 j 00:45	0°☿				-1775 Jul 11 j 20:54	0°♒	
	-1777 Jan 06 j 07:01	0°≈		asc. node		-1775 Aug 01 j 00:54	24°♒19'48	
	-1777 Jan 30 j 22:15	0°♋				-1775 Aug 05 j 16:23	0°☿	
asc. node	-1777 Feb 14 j 05:21	17°♋04'53				-1775 Aug 29 j 23:35	0°♊	
	-1777 Feb 25 j 05:11	0°♍				-1775 Sep 22 j 22:50	0°♌	
	-1777 Mar 23 j 16:27	0°♐		morning set		-1775 Oct 12 j 18:23	24°♌57'25	
evening max el	-1777 Apr 20 j 17:53	29°♐00'13	45°12'49			-1775 Oct 16 j 18:20	0°♍	
	-1777 Apr 21 j 19:03	0°♒				-1775 Nov 09 j 13:19	0°♎	
greatest brilliancy	-1777 May 25 j 23:33	25°♒19'09	-4.5m	desc. node		-1775 Nov 20 j 16:31	14°♎01'08	
desc. node	-1777 Jun 05 j 21:00	28°♒13'04						
retrograde	-1777 Jun 08 j 01:45	28°♒18'32		superior conj		-1775 Nov 23 j 02:46	17°♎04'22	0°-5'-45
evening set	-1777 Jun 23 j 12:08	23°♒49'23		minimum elong		-1775 Nov 23 j 01:11	16°♎59'22	0°05'42
inferior conj	-1777 Jun 29 j 10:40	20°♒18'29	-5°-11'-4	behind sun begin		-1775 Nov 21 j 23:39	15°♎39'02	
minimum elong	-1777 Jun 29 j 01:05	20°♒33'16	5°08'47	behind sun end		-1775 Nov 24 j 02:44	18°♎19'42	
min. Earth dist.	-1777 Jun 29 j 17:14	20°♒08'20	0.28537 AU	max. Earth dist.		-1775 Nov 26 j 07:34	21°♎05'47	1.71109 AU
morning rise	-1777 Jul 04 j 13:31	17°♒13'30				-1775 Dec 03 j 09:41	0°♐	
direct	-1777 Jul 21 j 00:08	12°♒07'12				-1775 Dec 27 j 08:23	0°☿	
greatest brilliancy	-1777 Aug 04 j 11:41	15°♒47'13	-4.6m	evening rise		-1774 Jan 04 j 00:56	9°☿36'00	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1774 Jan 20 j 10:16	0°≈			-1772 Aug 18 j 13:49	0°☿		
	-1774 Feb 13 j 16:39	0°✕		asc. node	-1772 Aug 28 j 12:48	11°☿45'49		
	-1774 Mar 10 j 05:29	0°☿			-1772 Sep 12 j 16:12	0°♂		
asc. node	-1774 Mar 13 j 17:33	4°☿14'57			-1772 Oct 07 j 01:13	0°♊		
	-1774 Apr 04 j 03:22	0°♊			-1772 Oct 31 j 01:35	0°♋		
	-1774 Apr 29 j 14:03	0°♌			-1772 Nov 23 j 23:11	0°♍		
	-1774 May 25 j 21:09	0°☿			-1772 Dec 17 j 21:27	0°♎		
	-1774 Jun 22 j 21:47	0°♏		desc. node	-1772 Dec 18 j 04:24	0°♎21'44		
evening max el	-1774 Jul 01 j 15:36	8°♏38'32	45°57'09	morning set	-1772 Dec 28 j 23:18	13°♎51'13		
desc. node	-1774 Jul 03 j 08:49	10°♏16'53			-1771 Jan 10 j 21:48	0°♏		
	-1774 Jul 27 j 02:10	0°♊			-1771 Feb 04 j 00:37	0°≈		
greatest brilliancy	-1774 Aug 09 j 12:26	7°♊06'55	-4.6m					
retrograde	-1774 Aug 19 j 23:58	9°♊06'19		superior conj	-1771 Feb 07 j 20:20	4°≈44'30	-1°-23'-54	
evening set	-1774 Sep 06 j 16:37	3°♊15'18		minimum elong	-1771 Feb 07 j 17:25	4°≈35'26	1°23'55	
inferior conj	-1774 Sep 09 j 19:21	1°♊23'29	-8°-31'-50	max. Earth dist.	-1771 Feb 11 j 13:04	9°≈19'33	1.72567 AU	
minimum elong	-1774 Sep 10 j 01:35	1°♊14'02	8°31'16		-1771 Feb 28 j 06:09	0°✕		
min. Earth dist.	-1774 Sep 10 j 11:37	0°♊58'51	0.27182 AU	evening rise	-1771 Mar 18 j 11:13	22°✕26'34		
	-1774 Sep 12 j 02:44	30°♋♏			-1771 Mar 24 j 14:48	0°☿		
morning rise	-1774 Sep 13 j 10:22	29°♏13'24		asc. node	-1771 Apr 10 j 05:30	20°☿21'20		
direct	-1774 Sep 30 j 13:59	23°♏34'57			-1771 Apr 18 j 02:57	0°♊		
greatest brilliancy	-1774 Oct 14 j 05:04	27°♏00'36	-4.7m		-1771 May 12 j 18:55	0°♌		
	-1774 Oct 19 j 17:11	0°♊			-1771 Jun 06 j 15:36	0°☿		
asc. node	-1774 Oct 24 j 10:05	3°♊06'16			-1771 Jul 01 j 19:14	0°♏		
morning max el	-1774 Nov 20 j 10:59	27°♊14'54	46°54'43		-1771 Jul 27 j 10:47	0°♊		
	-1774 Nov 23 j 02:57	0°♋		desc. node	-1771 Jul 30 j 20:42	3°♊55'31		
	-1774 Dec 20 j 08:13	0°♌			-1771 Aug 23 j 01:36	0°♋		
	-1773 Jan 15 j 00:37	0°♎		evening max el	-1771 Sep 13 j 10:02	22°♋26'55	47°15'47	
	-1773 Feb 09 j 04:18	0°♏			-1771 Sep 21 j 04:46	0°♌		
desc. node	-1773 Feb 13 j 02:04	4°♏41'14		greatest brilliancy	-1771 Oct 22 j 08:35	22°♌46'54	-4.7m	
	-1773 Mar 06 j 02:45	0°≈		retrograde	-1771 Nov 03 j 00:08	25°♌19'01		
	-1773 Mar 30 j 22:19	0°✕		evening set	-1771 Nov 17 j 08:40	21°♌11'08		
	-1773 Apr 24 j 15:26	0°☿		asc. node	-1771 Nov 20 j 21:48	19°♌08'46		
	-1773 May 19 j 05:41	0°♊		min. Earth dist.	-1771 Nov 23 j 00:24	17°♌51'32	0.26420 AU	
morning set	-1773 May 23 j 01:53	4°♊42'03		inferior conj	-1771 Nov 23 j 12:57	17°♌32'15	0°40'47	
asc. node	-1773 Jun 06 j 03:13	21°♊56'43		minimum elong	-1771 Nov 23 j 11:25	17°♌34'36	0°40'15	
	-1773 Jun 12 j 16:21	0°♌		morning rise	-1771 Nov 29 j 14:43	13°♌58'38		
max. Earth dist.	-1773 Jun 24 j 12:33	14°♌36'15	1.73090 AU	direct	-1771 Dec 13 j 19:52	9°♌56'50		
				greatest brilliancy	-1771 Dec 25 j 00:42	12°♌18'27	-4.6m	
superior conj	-1773 Jun 28 j 04:32	19°♌08'08	0°48'55		-1770 Jan 19 j 22:01	0°♎		
minimum elong	-1773 Jun 27 j 20:26	18°♌43'04	0°48'37	morning max el	-1770 Feb 01 j 17:33	12°♎02'44	46°28'58	
	-1773 Jul 06 j 23:06	0°☿			-1770 Feb 19 j 02:28	0°♏		
	-1773 Jul 31 j 02:34	0°♏		desc. node	-1770 Mar 12 j 13:59	23°♏39'48		
evening rise	-1773 Aug 03 j 06:49	3°♏57'25			-1770 Mar 18 j 04:28	0°≈		
	-1773 Aug 24 j 04:15	0°♊			-1770 Apr 13 j 04:44	0°✕		
	-1773 Sep 17 j 06:01	0°♋			-1770 May 08 j 15:31	0°☿		
desc. node	-1773 Sep 25 j 18:47	10°♋36'54			-1770 Jun 02 j 16:45	0°♊		
	-1773 Oct 11 j 09:25	0°♌			-1770 Jun 27 j 09:32	0°♌		
	-1773 Nov 04 j 16:09	0°♎		asc. node	-1770 Jul 03 j 15:10	7°♌38'22		
	-1773 Nov 29 j 05:18	0°♏			-1770 Jul 21 j 18:26	0°☿		
	-1773 Dec 24 j 08:01	0°≈		morning set	-1770 Jul 29 j 22:19	10°☿07'48		
asc. node	-1772 Jan 16 j 19:30	26°≈48'16			-1770 Aug 14 j 20:45	0°♏		
	-1772 Jan 19 j 17:27	0°✕		max. Earth dist.	-1770 Sep 02 j 14:52	23°♏30'42	1.71466 AU	
evening max el	-1772 Feb 06 j 16:59	18°✕45'33	45°55'18					
	-1772 Feb 18 j 17:48	0°☿		superior conj	-1770 Sep 05 j 11:40	27°♏06'46	1°22'11	
greatest brilliancy	-1772 Mar 12 j 01:16	15°☿47'03	-4.5m	minimum elong	-1770 Sep 05 j 16:11	27°♏20'59	1°22'10	
retrograde	-1772 Mar 26 j 21:30	19°☿38'37			-1770 Sep 07 j 18:48	0°♊		
evening set	-1772 Apr 11 j 21:51	14°☿40'10			-1770 Oct 01 j 15:15	0°♋		
inferior conj	-1772 Apr 17 j 07:31	11°☿21'44	4°25'21	evening rise	-1770 Oct 15 j 12:23	17°♋27'07		
minimum elong	-1772 Apr 17 j 15:45	11°☿08'45	4°23'22	desc. node	-1770 Oct 23 j 06:44	27°♋12'22		
min. Earth dist.	-1772 Apr 17 j 16:40	11°☿07'18	0.29139 AU		-1770 Oct 25 j 12:08	0°♌		
morning rise	-1772 Apr 23 j 09:43	7°☿40'04			-1770 Nov 18 j 10:43	0°♎		
desc. node	-1772 May 07 j 11:06	3°☿02'05			-1770 Dec 12 j 12:10	0°♏		
direct	-1772 May 09 j 00:52	2°☿59'11			-1769 Jan 05 j 18:43	0°≈		
greatest brilliancy	-1772 May 22 j 13:04	6°☿11'08	-4.5m		-1769 Jan 30 j 10:28	0°✕		
	-1772 Jun 23 j 21:16	0°♊		asc. node	-1769 Feb 13 j 07:34	16°✕33'50		
morning max el	-1772 Jun 26 j 23:40	2°♊56'02	45°52'33		-1769 Feb 24 j 18:29	0°☿		
	-1772 Jul 23 j 03:52	0°♌			-1769 Mar 23 j 08:13	0°♊		

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

retrograde	-1764 Mar 24 j 14:07	17°Υ31'03		superior conj	-1762 Sep 03 j 01:58	24°Ω46'08	1°22'55
evening set	-1764 Apr 09 j 17:07	12°Υ29'22		minimum elong	-1762 Sep 03 j 05:41	24°Ω57'50	1°22'54
inferior conj	-1764 Apr 15 j 00:23	9°Υ13'57	4°41'33		-1762 Sep 07 j 05:53	0°η	
minimum elong	-1764 Apr 15 j 08:54	9°Υ00'29	4°39'32		-1762 Oct 01 j 02:27	0°♄	
min. Earth dist.	-1764 Apr 15 j 09:15	8°Υ59'56	0.29141 AU	evening rise	-1762 Oct 12 j 22:42	14°♄53'22	
morning rise	-1764 Apr 21 j 00:46	5°Υ34'22		desc. node	-1762 Oct 22 j 08:49	26°♄43'21	
direct	-1764 May 06 j 17:41	0°Υ51'34			-1762 Oct 24 j 23:28	0°♍	
desc. node	-1764 May 06 j 13:14	0°Υ51'36			-1762 Nov 17 j 22:13	0°♁	
greatest brilliancy	-1764 May 20 j 02:45	3°Υ59'53	-4.5m		-1762 Dec 11 j 23:52	0°♄	
	-1764 Jun 23 j 20:18	0°♄			-1761 Jan 05 j 06:43	0°≈	
morning max el	-1764 Jun 24 j 15:13	0°♄45'10	45°51'42		-1761 Jan 29 j 23:01	0°♁	
	-1764 Jul 22 j 19:44	0°♄		asc. node	-1761 Feb 12 j 09:35	16°♁01'14	
	-1764 Aug 18 j 03:18	0°♄			-1761 Feb 24 j 08:10	0°Υ	
asc. node	-1764 Aug 27 j 14:52	11°♄13'21			-1761 Mar 23 j 00:31	0°♄	
	-1764 Sep 12 j 04:37	0°Ω		evening max el	-1761 Apr 15 j 23:27	24°♄34'25	45°13'04
	-1764 Oct 06 j 13:05	0°η			-1761 Apr 21 j 19:17	0°♄	
	-1764 Oct 30 j 13:09	0°♄		greatest brilliancy	-1761 May 20 j 23:24	20°♄49'24	-4.5m
	-1764 Nov 23 j 10:35	0°♍		retrograde	-1761 Jun 03 j 08:36	23°♄57'03	
desc. node	-1764 Dec 17 j 06:33	29°♍53'16		desc. node	-1761 Jun 04 j 01:14	23°♄56'30	
	-1764 Dec 17 j 08:42	0°♁		evening set	-1761 Jun 18 j 15:07	19°♄31'41	
morning set	-1764 Dec 26 j 09:29	11°♁18'07		inferior conj	-1761 Jun 24 j 17:49	15°♄55'28	-4°-37'00
	-1763 Jan 10 j 08:54	0°♄		minimum elong	-1761 Jun 24 j 08:52	16°♄09'15	4°34'44
	-1763 Feb 03 j 11:35	0°≈		min. Earth dist.	-1761 Jun 25 j 00:42	15°♄44'52	0.28604 AU
				morning rise	-1761 Jun 30 j 02:04	12°♄42'59	
superior conj	-1763 Feb 05 j 09:45	2°≈23'16	-1°-23'-21	direct	-1761 Jul 16 j 07:21	7°♄42'30	
minimum elong	-1763 Feb 05 j 05:56	2°≈11'24	1°23'22	greatest brilliancy	-1761 Jul 30 j 22:06	11°♄25'40	-4.5m
max. Earth dist.	-1763 Feb 09 j 06:45	7°≈11'37	1.72507 AU		-1761 Aug 25 j 12:45	0°♄	
	-1763 Feb 27 j 17:02	0°♁		morning max el	-1761 Sep 04 j 03:57	9°♄10'12	46°27'45
evening rise	-1763 Mar 16 j 03:19	20°♁14'54			-1761 Sep 23 j 21:43	0°Ω	
	-1763 Mar 24 j 01:44	0°Υ		asc. node	-1761 Sep 25 j 02:32	1°Ω19'52	
asc. node	-1763 Apr 09 j 07:32	19°Υ53'49			-1761 Oct 19 j 23:07	0°η	
	-1763 Apr 17 j 14:02	0°♄			-1761 Nov 13 j 19:44	0°♄	
	-1763 May 12 j 06:22	0°♄			-1761 Dec 08 j 05:07	0°♍	
	-1763 Jun 06 j 03:37	0°♄			-1760 Jan 01 j 11:20	0°♁	
	-1763 Jul 01 j 08:12	0°Ω		desc. node	-1760 Jan 14 j 18:25	16°♁26'29	
	-1763 Jul 27 j 01:26	0°η			-1760 Jan 25 j 17:49	0°♄	
desc. node	-1763 Jul 29 j 22:49	3°η18'47			-1760 Feb 19 j 01:33	0°≈	
	-1763 Aug 22 j 19:40	0°♄		morning set	-1760 Mar 10 j 15:02	25°≈18'28	
evening max el	-1763 Sep 10 j 22:41	19°♄59'44	47°13'44		-1760 Mar 14 j 10:36	0°♁	
	-1763 Sep 21 j 09:08	0°♍			-1760 Apr 07 j 20:40	0°Υ	
greatest brilliancy	-1763 Oct 20 j 00:31	20°♍20'23	-4.7m				
retrograde	-1763 Oct 31 j 12:01	22°♍48'29		superior conj	-1760 Apr 16 j 17:52	10°Υ54'26	0°-44'-53
evening set	-1763 Nov 14 j 21:33	18°♍40'33		minimum elong	-1760 Apr 17 j 01:48	11°Υ18'49	0°44'33
asc. node	-1763 Nov 20 j 00:02	15°♍41'41		max. Earth dist.	-1760 Apr 16 j 16:36	10°Υ50'34	1.73653 AU
min. Earth dist.	-1763 Nov 20 j 14:42	15°♍19'09	0.26394 AU		-1760 May 02 j 07:12	0°♄	
inferior conj	-1763 Nov 21 j 01:17	15°♍02'53	0°16'20	asc. node	-1760 May 06 j 19:36	5°♄32'39	
minimum elong	-1763 Nov 21 j 00:40	15°♍03'50	0°16'07	evening rise	-1760 May 22 j 22:35	25°♄20'31	
transit middle	-1763 Nov 21 j 00:40	15°♍03'50	0°16'07		-1760 May 26 j 17:37	0°♄	
transit begin	-1763 Nov 20 j 23:30	15°♍05'37			-1760 Jun 20 j 03:44	0°♄	
transit end	-1763 Nov 21 j 01:49	15°♍02'03			-1760 Jul 14 j 14:13	0°Ω	
morning rise	-1763 Nov 27 j 04:09	11°♍27'37			-1760 Aug 08 j 02:36	0°η	
direct	-1763 Dec 11 j 07:24	7°♍27'40		desc. node	-1760 Aug 26 j 10:47	22°η18'56	
greatest brilliancy	-1763 Dec 22 j 15:38	9°♍52'11	-4.6m		-1760 Sep 01 j 19:07	0°♄	
	-1762 Jan 20 j 03:59	0°♁			-1760 Sep 26 j 19:03	0°♍	
morning max el	-1762 Jan 30 j 05:54	9°♁36'22	46°30'34		-1760 Oct 22 j 09:49	0°♁	
	-1762 Feb 18 j 20:38	0°♄			-1760 Nov 18 j 14:02	0°♄	
desc. node	-1762 Mar 11 j 15:56	23°♄02'37		evening max el	-1760 Nov 21 j 19:40	3°♄20'38	47°16'58
	-1762 Mar 17 j 19:03	0°≈		asc. node	-1760 Dec 17 j 11:53	26°♄33'44	
	-1762 Apr 12 j 17:38	0°♁			-1760 Dec 22 j 11:20	0°≈	
	-1762 May 08 j 03:30	0°Υ		greatest brilliancy	-1760 Dec 28 j 20:21	3°≈36'47	-4.6m
	-1762 Jun 02 j 04:13	0°♄		retrograde	-1759 Jan 11 j 20:51	7°≈16'00	
	-1762 Jun 26 j 20:43	0°♄		evening set	-1759 Jan 29 j 05:39	1°≈18'49	
asc. node	-1762 Jul 02 j 17:16	7°♄10'38			-1759 Jan 31 j 08:24	30°♄	
	-1762 Jul 21 j 05:29	0°♄		min. Earth dist.	-1759 Feb 01 j 03:06	29°♄30'27	0.28203 AU
morning set	-1762 Jul 27 j 14:46	7°♄55'25		inferior conj	-1759 Feb 01 j 22:52	28°♄59'05	8°18'20
	-1762 Aug 14 j 07:46	0°Ω		minimum elong	-1759 Feb 01 j 18:31	29°♄05'59	8°18'01
max. Earth dist.	-1762 Aug 31 j 03:09	21°Ω03'50	1.71517 AU	morning rise	-1759 Feb 05 j 07:43	26°♄52'44	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1759 Feb 22 j 21:45	20°☾53'53		evening rise	-1757 Jul 29 j 16:45	29°☾35'38	
greatest brilliancy	-1759 Mar 05 j 20:33	23°☾05'15	-4.5m		-1757 Jul 30 j 00:35	0°♈	
	-1759 Mar 18 j 16:47	0°♈			-1757 Aug 23 j 02:41	0°♈	
desc. node	-1759 Apr 08 j 03:38	16°♈39'02			-1757 Sep 16 j 05:00	0°♈	
morning max el	-1759 Apr 12 j 21:14	21°♈05'49	45°53'20	desc. node	-1757 Sep 23 j 22:55	9°♈37'34	
	-1759 Apr 21 j 22:11	0°♈			-1757 Oct 10 j 09:08	0°♈	
	-1759 May 20 j 01:31	0°♈			-1757 Nov 03 j 16:48	0°♈	
	-1759 Jun 15 j 10:39	0°♈			-1757 Nov 28 j 07:20	0°♈	
	-1759 Jul 10 j 21:02	0°♈			-1757 Dec 23 j 12:39	0°♈	
asc. node	-1759 Jul 30 j 05:04	23°♈21'41		asc. node	-1756 Jan 14 j 23:41	25°♈27'25	
	-1759 Aug 04 j 15:28	0°♈			-1756 Jan 19 j 04:20	0°♈	
	-1759 Aug 28 j 22:10	0°♈		evening max el	-1756 Feb 01 j 23:45	14°♈17'21	46°00'26
	-1759 Sep 21 j 21:13	0°♈			-1756 Feb 19 j 05:53	0°♈	
morning set	-1759 Oct 07 j 18:27	20°♈00'22		greatest brilliancy	-1756 Mar 07 j 12:40	11°♈32'43	-4.5m
	-1759 Oct 15 j 16:39	0°♈		retrograde	-1756 Mar 22 j 06:27	15°♈22'33	
	-1759 Nov 08 j 11:36	0°♈		evening set	-1756 Apr 07 j 12:20	10°♈17'21	
				inferior conj	-1756 Apr 12 j 17:12	7°♈05'15	4°57'16
superior conj	-1759 Nov 17 j 20:55	11°♈49'18	0°02'23	minimum elong	-1756 Apr 13 j 01:57	6°♈51'23	4°55'15
minimum elong	-1759 Nov 17 j 21:34	11°♈51'19	0°02'19	min. Earth dist.	-1756 Apr 13 j 01:59	6°♈51'19	0.29141 AU
behind sun begin	-1759 Nov 16 j 18:50	10°♈27'12		morning rise	-1756 Apr 18 j 15:36	3°♈27'57	
behind sun end	-1759 Nov 19 j 00:18	13°♈15'26			-1756 Apr 26 j 08:03	30°♈	
desc. node	-1759 Nov 18 j 20:48	13°♈04'25		direct	-1756 May 04 j 09:53	28°♈42'55	
max. Earth dist.	-1759 Nov 21 j 00:13	15°♈46'09	1.71059 AU	desc. node	-1756 May 05 j 15:25	28°♈44'40	
	-1759 Dec 02 j 07:57	0°♈			-1756 May 12 j 19:26	0°♈	
	-1759 Dec 26 j 06:42	0°♈		greatest brilliancy	-1756 May 17 j 16:59	1°♈48'26	-4.5m
evening rise	-1759 Dec 29 j 22:10	4°♈33'11		morning max el	-1756 Jun 22 j 06:23	28°♈32'44	45°50'58
	-1758 Jan 19 j 08:40	0°♈			-1756 Jun 23 j 18:40	0°♈	
	-1758 Feb 12 j 15:16	0°♈			-1756 Jul 22 j 11:32	0°♈	
	-1758 Mar 09 j 04:39	0°♈			-1756 Aug 17 j 16:49	0°♈	
asc. node	-1758 Mar 11 j 21:38	3°♈16'47		asc. node	-1756 Aug 26 j 16:54	10°♈40'32	
	-1758 Apr 03 j 03:39	0°♈			-1756 Sep 11 j 17:04	0°♈	
	-1758 Apr 28 j 16:32	0°♈			-1756 Oct 06 j 00:59	0°♈	
	-1758 May 25 j 04:07	0°♈			-1756 Oct 30 j 00:44	0°♈	
	-1758 Jun 22 j 16:08	0°♈			-1756 Nov 22 j 22:00	0°♈	
evening max el	-1758 Jun 26 j 20:36	4°♈04'29	45°51'56	desc. node	-1756 Dec 16 j 08:36	29°♈24'17	
desc. node	-1758 Jul 01 j 13:04	8°♈29'15			-1756 Dec 16 j 20:00	0°♈	
	-1758 Jul 30 j 03:53	0°♈		morning set	-1756 Dec 23 j 19:29	8°♈44'10	
greatest brilliancy	-1758 Aug 04 j 10:30	2°♈18'00	-4.6m		-1755 Jan 09 j 20:05	0°♈	
retrograde	-1758 Aug 15 j 01:10	4°♈19'01					
	-1758 Aug 30 j 01:06	30°♈		superior conj	-1755 Feb 02 j 22:44	0°♈00'17	-1°-22'-38
evening set	-1758 Sep 01 j 21:35	28°♈23'03		minimum elong	-1755 Feb 02 j 18:03	29°♈45'43	1°22'38
inferior conj	-1758 Sep 04 j 21:13	26°♈35'18	-8°-42'-45		-1755 Feb 02 j 22:39	0°♈	
minimum elong	-1758 Sep 05 j 01:49	26°♈28'17	8°42'27	max. Earth dist.	-1755 Feb 06 j 21:11	4°♈53'15	1.72449 AU
min. Earth dist.	-1758 Sep 05 j 12:38	26°♈11'51	0.27295 AU		-1755 Feb 27 j 04:03	0°♈	
morning rise	-1758 Sep 08 j 05:55	24°♈34'01		evening rise	-1755 Mar 13 j 18:50	18°♈01'06	
direct	-1758 Sep 25 j 18:17	18°♈45'26			-1755 Mar 23 j 12:46	0°♈	
greatest brilliancy	-1758 Oct 09 j 08:40	22°♈10'05	-4.7m	asc. node	-1755 Apr 08 j 09:43	19°♈26'34	
	-1758 Oct 21 j 22:52	0°♈			-1755 Apr 17 j 01:14	0°♈	
asc. node	-1758 Oct 22 j 14:20	0°♈29'10			-1755 May 11 j 17:53	0°♈	
morning max el	-1758 Nov 15 j 14:44	22°♈24'05	46°54'32		-1755 Jun 05 j 15:45	0°♈	
	-1758 Nov 22 j 20:58	0°♈			-1755 Jun 30 j 21:21	0°♈	
	-1758 Dec 19 j 16:06	0°♈			-1755 Jul 26 j 16:20	0°♈	
	-1757 Jan 14 j 04:19	0°♈		desc. node	-1755 Jul 29 j 00:50	2°♈41'20	
	-1757 Feb 08 j 05:42	0°♈			-1755 Aug 22 j 14:10	0°♈	
desc. node	-1757 Feb 11 j 06:13	3°♈38'13		evening max el	-1755 Sep 08 j 11:09	17°♈32'21	47°11'48
	-1757 Mar 05 j 02:41	0°♈			-1755 Sep 21 j 15:19	0°♈	
	-1757 Mar 29 j 21:14	0°♈		greatest brilliancy	-1755 Oct 17 j 15:42	17°♈53'33	-4.7m
	-1757 Apr 23 j 13:40	0°♈		retrograde	-1755 Oct 29 j 00:10	20°♈19'00	
	-1757 May 18 j 03:31	0°♈		evening set	-1755 Nov 12 j 10:43	16°♈10'17	
morning set	-1757 May 18 j 15:16	0°♈35'56		min. Earth dist.	-1755 Nov 18 j 04:57	12°♈47'50	0.26372 AU
asc. node	-1757 Jun 04 j 07:30	21°♈03'04		inferior conj	-1755 Nov 18 j 13:43	12°♈34'23	0°-7'-58
	-1757 Jun 11 j 14:02	0°♈		minimum elong	-1755 Nov 18 j 14:01	12°♈33'55	0°07'54
max. Earth dist.	-1757 Jun 20 j 01:36	10°♈27'21	1.73177 AU	transit middle	-1755 Nov 18 j 14:01	12°♈33'55	0°07'54
				transit begin	-1755 Nov 18 j 10:26	12°♈39'25	
superior conj	-1757 Jun 23 j 17:23	14°♈58'21	0°43'41	transit end	-1755 Nov 18 j 17:36	12°♈28'25	
minimum elong	-1757 Jun 23 j 09:50	14°♈35'01	0°43'24	asc. node	-1755 Nov 19 j 02:02	12°♈15'29	
	-1757 Jul 05 j 20:52	0°♈		morning rise	-1755 Nov 24 j 17:33	8°♈57'58	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1755 Dec 08 j 19:07	4°♌59'11			-1752 Aug 07 j 14:29	0°♍	
greatest brilliancy	-1755 Dec 20 j 06:53	7°♌27'09	-4.7m	desc. node	-1752 Aug 25 j 12:57	21°♍47'55	
	-1754 Jan 20 j 07:46	0°♌			-1752 Sep 01 j 07:46	0°♎	
morning max el	-1754 Jan 27 j 19:09	7°♌12'37	46°31'59		-1752 Sep 26 j 08:52	0°♌	
	-1754 Feb 18 j 14:15	0°♌			-1752 Oct 22 j 01:45	0°♌	
desc. node	-1754 Mar 10 j 18:06	22°♌26'29			-1752 Nov 18 j 11:11	0°♌	
	-1754 Mar 17 j 09:25	0°♌		evening max el	-1752 Nov 19 j 12:19	1°♌04'32	47°18'49
	-1754 Apr 12 j 06:25	0°♌		asc. node	-1752 Dec 16 j 13:58	25°♌18'09	
	-1754 May 07 j 15:24	0°♌			-1752 Dec 23 j 23:03	0°♌	
	-1754 Jun 01 j 15:35	0°♌		greatest brilliancy	-1752 Dec 26 j 13:29	1°♌21'04	-4.6m
	-1754 Jun 26 j 07:47	0°♌		retrograde	-1751 Jan 09 j 13:19	4°♌58'55	
asc. node	-1754 Jul 01 j 19:16	6°♌42'58			-1751 Jan 25 j 06:22	30°♌	
	-1754 Jul 20 j 16:24	0°♌		evening set	-1751 Jan 26 j 18:44	29°♌05'52	
morning set	-1754 Jul 25 j 07:11	5°♌43'25		min. Earth dist.	-1751 Jan 29 j 17:08	27°♌16'08	0.28131 AU
	-1754 Aug 13 j 18:42	0°♌		inferior conj	-1751 Jan 30 j 14:15	26°♌42'39	8°13'46
max. Earth dist.	-1754 Aug 28 j 16:06	18°♌39'21	1.71569 AU	minimum elong	-1751 Jan 30 j 09:13	26°♌50'38	8°13'20
				morning rise	-1751 Feb 03 j 00:03	24°♌35'02	
superior conj	-1754 Aug 31 j 16:22	22°♌26'07	1°23'30	direct	-1751 Feb 20 j 12:55	18°♌38'49	
minimum elong	-1754 Aug 31 j 19:15	22°♌35'13	1°23'30	greatest brilliancy	-1751 Mar 03 j 08:31	20°♌47'47	-4.5m
	-1754 Sep 06 j 16:54	0°♌			-1751 Mar 19 j 12:03	0°♌	
	-1754 Sep 30 j 13:33	0°♌		desc. node	-1751 Apr 07 j 05:49	15°♌47'53	
evening rise	-1754 Oct 10 j 09:17	12°♌20'52		morning max el	-1751 Apr 10 j 13:02	18°♌55'11	45°54'05
desc. node	-1754 Oct 21 j 11:00	26°♌15'05			-1751 Apr 21 j 17:20	0°♌	
	-1754 Oct 24 j 10:41	0°♌			-1751 May 19 j 16:05	0°♌	
	-1754 Nov 17 j 09:31	0°♌			-1751 Jun 14 j 23:22	0°♌	
	-1754 Dec 11 j 11:20	0°♌			-1751 Jul 10 j 08:50	0°♌	
	-1753 Jan 04 j 18:28	0°♌		asc. node	-1751 Jul 29 j 07:12	22°♌53'24	
	-1753 Jan 29 j 11:22	0°♌			-1751 Aug 04 j 02:47	0°♌	
asc. node	-1753 Feb 11 j 11:39	15°♌29'27			-1751 Aug 28 j 09:15	0°♌	
	-1753 Feb 23 j 21:44	0°♌			-1751 Sep 21 j 08:13	0°♌	
	-1753 Mar 22 j 16:54	0°♌		morning set	-1751 Oct 05 j 06:31	17°♌32'34	
evening max el	-1753 Apr 13 j 15:27	22°♌24'45	45°13'19		-1751 Oct 15 j 03:37	0°♌	
	-1753 Apr 21 j 21:12	0°♌			-1751 Nov 07 j 22:34	0°♌	
greatest brilliancy	-1753 May 18 j 11:37	18°♌35'20	-4.5m				
retrograde	-1753 Jun 01 j 00:34	21°♌46'40		superior conj	-1751 Nov 15 j 05:56	9°♌12'01	0°06'25
desc. node	-1753 Jun 03 j 03:15	21°♌41'27		minimum elong	-1751 Nov 15 j 07:40	9°♌17'28	0°06'18
evening set	-1753 Jun 16 j 05:01	17°♌23'04		behind sun begin	-1751 Nov 14 j 06:35	7°♌58'33	
inferior conj	-1753 Jun 22 j 09:26	13°♌44'15	-4°-19'-21	behind sun end	-1751 Nov 16 j 08:44	10°♌36'23	
minimum elong	-1753 Jun 22 j 00:53	13°♌57'26	4°17'08	desc. node	-1751 Nov 17 j 22:48	12°♌36'06	
min. Earth dist.	-1753 Jun 22 j 16:02	13°♌34'05	0.28636 AU	max. Earth dist.	-1751 Nov 18 j 07:35	13°♌03'46	1.71035 AU
morning rise	-1753 Jun 27 j 20:17	10°♌28'19			-1751 Dec 01 j 18:57	0°♌	
direct	-1753 Jul 13 j 23:48	5°♌30'44			-1751 Dec 25 j 17:42	0°♌	
greatest brilliancy	-1753 Jul 28 j 14:42	9°♌14'42	-4.5m	evening rise	-1751 Dec 27 j 08:26	2°♌01'00	
	-1753 Aug 25 j 14:49	0°♌			-1750 Jan 18 j 19:41	0°♌	
morning max el	-1753 Sep 01 j 20:04	6°♌56'30	46°26'15		-1750 Feb 12 j 02:22	0°♌	
	-1753 Sep 23 j 14:36	0°♌			-1750 Mar 08 j 16:00	0°♌	
asc. node	-1753 Sep 24 j 04:47	0°♌39'33		asc. node	-1750 Mar 10 j 23:52	2°♌49'04	
	-1753 Oct 19 j 13:16	0°♌			-1750 Apr 02 j 15:35	0°♌	
	-1753 Nov 13 j 08:37	0°♌			-1750 Apr 28 j 05:39	0°♌	
	-1753 Dec 07 j 17:16	0°♌			-1750 May 24 j 19:40	0°♌	
	-1753 Dec 31 j 22:59	0°♌			-1750 Jun 22 j 14:13	0°♌	
desc. node	-1752 Jan 13 j 20:28	15°♌57'29		evening max el	-1750 Jun 24 j 10:21	1°♌46'28	45°49'12
	-1752 Jan 25 j 05:05	0°♌		desc. node	-1750 Jun 30 j 15:06	7°♌34'18	
	-1752 Feb 18 j 12:32	0°♌		greatest brilliancy	-1750 Aug 01 j 22:47	29°♌56'00	-4.6m
morning set	-1752 Mar 08 j 06:57	23°♌06'30			-1750 Aug 02 j 03:12	0°♌	
	-1752 Mar 13 j 21:24	0°♌		retrograde	-1750 Aug 12 j 13:10	1°♌56'48	
	-1752 Apr 07 j 07:21	0°♌			-1750 Aug 22 j 12:25	30°♌	
				evening set	-1750 Aug 30 j 11:37	25°♌59'27	
superior conj	-1752 Apr 14 j 11:52	8°♌49'40	0°-47'-31	inferior conj	-1750 Sep 02 j 10:23	24°♌12'50	-8°-46'-34
minimum elong	-1752 Apr 14 j 20:08	9°♌15'01	0°47'12	minimum elong	-1750 Sep 02 j 14:06	24°♌07'09	8°46'23
max. Earth dist.	-1752 Apr 14 j 15:28	9°♌00'42	1.73642 AU	min. Earth dist.	-1750 Sep 03 j 01:46	23°♌49'23	0.27352 AU
	-1752 May 01 j 17:51	0°♌		morning rise	-1750 Sep 05 j 16:26	22°♌15'10	
asc. node	-1752 May 05 j 21:41	5°♌06'19		direct	-1750 Sep 23 j 07:57	16°♌22'07	
evening rise	-1752 May 20 j 17:57	23°♌19'45		greatest brilliancy	-1750 Oct 06 j 23:28	19°♌47'09	-4.7m
	-1752 May 26 j 04:22	0°♌		asc. node	-1750 Oct 21 j 16:22	29°♌14'46	
	-1752 Jun 19 j 14:42	0°♌			-1750 Oct 22 j 15:13	0°♌	
	-1752 Jul 14 j 01:33	0°♌		morning max el	-1750 Nov 13 j 03:13	19°♌55'39	46°54'18

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1750 Nov 22 j 16:45	0°♄			-1747 Jun 30 j 10:19	0°♄		
	-1750 Dec 19 j 07:31	0°♌			-1747 Jul 26 j 07:10	0°♍		
	-1749 Jan 13 j 17:49	0°♊		desc. node	-1747 Jul 28 j 03:00	2°♍04'43		
	-1749 Feb 07 j 18:07	0°♈			-1747 Aug 22 j 08:57	0°♄		
desc. node	-1749 Feb 10 j 08:21	3°♈07'30		evening max el	-1747 Sep 05 j 23:49	15°♄06'04	47°09'35	
	-1749 Mar 04 j 14:23	0°♍			-1747 Sep 21 j 23:46	0°♌		
	-1749 Mar 29 j 08:25	0°♋		greatest brilliancy	-1747 Oct 15 j 05:44	15°♌25'04	-4.7m	
	-1749 Apr 23 j 00:30	0°♐		retrograde	-1747 Oct 26 j 12:28	17°♌49'00		
morning set	-1749 May 16 j 10:16	28°♐34'41		evening set	-1747 Nov 09 j 23:53	13°♌38'55		
	-1749 May 17 j 14:09	0°♉		inferior conj	-1747 Nov 16 j 01:55	10°♌04'58	0°-32'-31	
asc. node	-1749 Jun 03 j 09:32	20°♉36'46		minimum elong	-1747 Nov 16 j 03:09	10°♌03'05	0°32'09	
	-1749 Jun 11 j 00:37	0°♊		min. Earth dist.	-1747 Nov 15 j 18:44	10°♌15'56	0.26358 AU	
max. Earth dist.	-1749 Jun 17 j 20:54	8°♊26'14	1.73223 AU	asc. node	-1747 Nov 18 j 04:08	8°♌48'37		
				morning rise	-1747 Nov 22 j 06:34	6°♌27'55		
superior conj	-1749 Jun 21 j 12:15	12°♊55'43	0°41'01	direct	-1747 Dec 06 j 07:11	2°♌29'41		
minimum elong	-1749 Jun 21 j 05:02	12°♊33'26	0°40'45	greatest brilliancy	-1747 Dec 17 j 21:50	5°♌01'09	-4.7m	
	-1749 Jul 05 j 07:31	0°♍			-1746 Jan 20 j 10:07	0°♊		
evening rise	-1749 Jul 27 j 10:13	27°♍27'07		morning max el	-1746 Jan 25 j 09:06	4°♊50'15	46°33'27	
	-1749 Jul 29 j 11:23	0°♄			-1746 Feb 18 j 07:31	0°♈		
	-1749 Aug 22 j 13:43	0°♍		desc. node	-1746 Mar 09 j 20:16	21°♈50'37		
	-1749 Sep 15 j 16:20	0°♄			-1746 Mar 16 j 23:36	0°♍		
desc. node	-1749 Sep 23 j 01:02	9°♄08'37			-1746 Apr 11 j 19:06	0°♋		
	-1749 Oct 09 j 20:52	0°♌			-1746 May 07 j 03:14	0°♐		
	-1749 Nov 03 j 05:02	0°♊			-1746 Jun 01 j 02:54	0°♉		
	-1749 Nov 27 j 20:19	0°♈			-1746 Jun 25 j 18:48	0°♊		
	-1749 Dec 23 j 03:04	0°♍		asc. node	-1746 Jun 30 j 21:28	6°♊16'01		
asc. node	-1748 Jan 14 j 01:49	24°♍46'44			-1746 Jul 20 j 03:16	0°♍		
	-1748 Jan 18 j 22:14	0°♋		morning set	-1746 Jul 23 j 00:13	3°♍33'40		
evening max el	-1748 Jan 30 j 14:03	12°♋00'37	46°03'09		-1746 Aug 13 j 05:32	0°♄		
	-1748 Feb 19 j 15:30	0°♐		max. Earth dist.	-1746 Aug 26 j 06:11	16°♄18'48	1.71620 AU	
greatest brilliancy	-1748 Mar 05 j 05:29	9°♐24'40	-4.5m					
retrograde	-1748 Mar 19 j 22:58	13°♐15'21		superior conj	-1746 Aug 29 j 07:20	20°♄08'13	1°23'55	
evening set	-1748 Apr 05 j 07:41	8°♐06'16		minimum elong	-1746 Aug 29 j 09:25	20°♄14'46	1°23'56	
inferior conj	-1748 Apr 10 j 10:08	4°♐57'47	5°12'30		-1746 Sep 06 j 03:50	0°♍		
minimum elong	-1748 Apr 10 j 19:04	4°♐43'37	5°10'31		-1746 Sep 30 j 00:38	0°♄		
min. Earth dist.	-1748 Apr 10 j 18:54	4°♐43'53	0.29138 AU	evening rise	-1746 Oct 07 j 20:11	9°♄49'20		
morning rise	-1748 Apr 16 j 06:25	1°♐23'08		desc. node	-1746 Oct 20 j 12:59	25°♄46'06		
	-1748 Apr 18 j 20:37	30°♋			-1746 Oct 23 j 21:56	0°♌		
direct	-1748 May 02 j 01:53	26°♋35'24			-1746 Nov 16 j 20:57	0°♊		
desc. node	-1748 May 04 j 17:23	26°♋43'21			-1746 Dec 10 j 22:58	0°♈		
greatest brilliancy	-1748 May 15 j 08:11	29°♋39'26	-4.5m		-1745 Jan 04 j 06:27	0°♍		
	-1748 May 16 j 02:38	0°♐			-1745 Jan 28 j 23:58	0°♋		
morning max el	-1748 Jun 19 j 21:51	26°♐22'16	45°50'24	asc. node	-1745 Feb 10 j 13:52	14°♋57'24		
	-1748 Jun 23 j 15:43	0°♉			-1745 Feb 23 j 11:36	0°♐		
	-1748 Jul 22 j 02:43	0°♊			-1745 Mar 22 j 09:46	0°♉		
	-1748 Aug 17 j 05:56	0°♍		evening max el	-1745 Apr 11 j 07:55	20°♉15'43	45°13'41	
asc. node	-1748 Aug 25 j 19:07	10°♍09'16			-1745 Apr 22 j 00:54	0°♊		
	-1748 Sep 11 j 05:14	0°♄		greatest brilliancy	-1745 May 16 j 01:16	16°♊22'42	-4.5m	
	-1748 Oct 05 j 12:40	0°♍		retrograde	-1745 May 29 j 16:33	19°♊35'54		
	-1748 Oct 29 j 12:10	0°♄		desc. node	-1745 Jun 02 j 05:23	19°♊21'14		
	-1748 Nov 22 j 09:16	0°♌		evening set	-1745 Jun 13 j 19:12	15°♊14'13		
desc. node	-1748 Dec 15 j 10:40	28°♌55'52		inferior conj	-1745 Jun 20 j 01:05	11°♊32'53	-4°-1'-26	
	-1748 Dec 16 j 07:08	0°♊		minimum elong	-1745 Jun 19 j 16:58	11°♊45'24	3°59'18	
morning set	-1748 Dec 21 j 05:08	6°♊09'26		min. Earth dist.	-1745 Jun 20 j 07:23	11°♊23'10	0.28662 AU	
	-1747 Jan 09 j 07:05	0°♈		morning rise	-1745 Jun 25 j 14:22	8°♊13'31		
				direct	-1745 Jul 11 j 16:23	3°♊19'03		
superior conj	-1747 Jan 31 j 11:27	27°♈36'54	-1°-21'-46	greatest brilliancy	-1745 Jul 26 j 06:02	7°♊02'03	-4.5m	
minimum elong	-1747 Jan 31 j 05:54	27°♈19'39	1°21'44		-1745 Aug 25 j 15:36	0°♍		
	-1747 Feb 02 j 09:33	0°♍		morning max el	-1745 Aug 30 j 11:49	4°♍42'01	46°24'50	
max. Earth dist.	-1747 Feb 04 j 09:45	2°♍29'35	1.72391 AU	asc. node	-1745 Sep 23 j 06:50	29°♍59'02		
	-1747 Feb 26 j 14:54	0°♋			-1745 Sep 23 j 07:11	0°♄		
evening rise	-1747 Mar 11 j 10:19	15°♋47'33			-1745 Oct 19 j 03:17	0°♍		
	-1747 Mar 22 j 23:39	0°♐			-1745 Nov 12 j 21:29	0°♄		
asc. node	-1747 Apr 07 j 11:47	18°♐59'23			-1745 Dec 07 j 05:30	0°♌		
	-1747 Apr 16 j 12:17	0°♉			-1745 Dec 31 j 10:48	0°♊		
	-1747 May 11 j 05:15	0°♊		desc. node	-1744 Jan 12 j 22:38	15°♊28'04		
	-1747 Jun 05 j 03:42	0°♍			-1744 Jan 24 j 16:35	0°♈		

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1744 Feb 17 j 23:48	0°♊		desc. node	-1742 Jun 29 j 17:17	6°♌37'04	
morning set	-1744 Mar 05 j 22:15	20°♊51'44		greatest brilliancy	-1742 Jul 30 j 10:55	27°♌32'40	-4.6m
	-1744 Mar 13 j 08:27	0°♋		retrograde	-1742 Aug 10 j 01:05	29°♌33'41	
	-1744 Apr 06 j 18:17	0°♌		evening set	-1742 Aug 28 j 01:11	23°♌35'14	
				inferior conj	-1742 Aug 30 j 23:31	21°♌49'17	-8°-49'-32
superior conj	-1744 Apr 12 j 05:24	6°♌42'36	0°-50'-7	minimum elong	-1742 Aug 31 j 02:19	21°♌45'01	8°49'26
minimum elong	-1744 Apr 12 j 13:56	7°♌08'48	0°49'48	min. Earth dist.	-1742 Aug 31 j 15:01	21°♌25'40	0.27407 AU
max. Earth dist.	-1744 Apr 12 j 14:58	7°♌11'57	1.73624 AU	morning rise	-1742 Sep 03 j 03:15	19°♌54'54	
	-1744 May 01 j 04:46	0°♍		direct	-1742 Sep 20 j 21:15	13°♌57'28	
asc. node	-1744 May 04 j 23:42	4°♍38'59		greatest brilliancy	-1742 Oct 04 j 15:14	17°♌24'27	-4.7m
evening rise	-1744 May 18 j 13:03	21°♍17'21		asc. node	-1742 Oct 20 j 18:25	28°♌01'25	
	-1744 May 25 j 15:22	0°♎			-1742 Oct 23 j 03:56	0°♎	
	-1744 Jun 19 j 01:57	0°♏		morning max el	-1742 Nov 10 j 15:42	17°♎26'14	46°54'18
	-1744 Jul 13 j 13:10	0°♐			-1742 Nov 22 j 12:18	0°♐	
	-1744 Aug 07 j 02:37	0°♑			-1742 Dec 18 j 22:58	0°♑	
desc. node	-1744 Aug 24 j 15:06	21°♑16'15			-1741 Jan 13 j 07:28	0°♒	
	-1744 Aug 31 j 20:38	0°♒			-1741 Feb 07 j 06:44	0°♓	
	-1744 Sep 25 j 22:56	0°♓		desc. node	-1741 Feb 09 j 10:28	2°♓36'04	
	-1744 Oct 21 j 18:04	0°♑			-1741 Mar 04 j 02:21	0°♊	
evening max el	-1744 Nov 17 j 04:31	28°♑46'29	47°20'13		-1741 Mar 28 j 19:56	0°♋	
	-1744 Nov 18 j 09:21	0°♒			-1741 Apr 22 j 11:44	0°♌	
asc. node	-1744 Dec 15 j 16:07	23°♒59'08		morning set	-1741 May 14 j 04:51	26°♌30'48	
greatest brilliancy	-1744 Dec 24 j 07:11	29°♒04'32	-4.6m		-1741 May 17 j 01:13	0°♍	
	-1744 Dec 26 j 08:04	0°♊		asc. node	-1741 Jun 02 j 11:43	20°♍09'42	
retrograde	-1743 Jan 07 j 05:04	2°♊39'34			-1741 Jun 10 j 11:38	0°♎	
	-1743 Jan 18 j 12:07	30°♋39'34		max. Earth dist.	-1741 Jun 15 j 17:14	6°♎27'03	1.73267 AU
evening set	-1743 Jan 24 j 07:19	26°♋51'17					
min. Earth dist.	-1743 Jan 27 j 07:11	24°♋59'14	0.28063 AU	superior conj	-1741 Jun 19 j 06:44	10°♎50'43	0°38'16
inferior conj	-1743 Jan 28 j 05:21	24°♋24'05	8°08'17	minimum elong	-1741 Jun 18 j 23:52	10°♎29'33	0°38'00
minimum elong	-1743 Jan 27 j 23:40	24°♋33'07	8°07'44		-1741 Jul 04 j 18:34	0°♏	
morning rise	-1743 Jan 31 j 16:25	22°♋14'33		evening rise	-1741 Jul 25 j 03:32	25°♏17'04	
direct	-1743 Feb 18 j 03:47	16°♋21'40			-1741 Jul 28 j 22:34	0°♐	
greatest brilliancy	-1743 Feb 28 j 20:37	18°♋28'16	-4.5m		-1741 Aug 22 j 01:09	0°♑	
	-1743 Mar 20 j 03:14	0°♊			-1741 Sep 15 j 04:05	0°♒	
desc. node	-1743 Apr 06 j 07:47	14°♊55'34		desc. node	-1741 Sep 22 j 03:01	8°♒38'03	
morning max el	-1743 Apr 08 j 03:44	16°♊40'10	45°54'53		-1741 Oct 09 j 08:59	0°♓	
	-1743 Apr 21 j 12:30	0°♋			-1741 Nov 02 j 17:38	0°♑	
	-1743 May 19 j 06:55	0°♌			-1741 Nov 27 j 09:40	0°♒	
	-1743 Jun 14 j 12:23	0°♍			-1741 Dec 22 j 17:53	0°♊	
	-1743 Jul 09 j 20:55	0°♎		asc. node	-1740 Jan 13 j 04:00	24°♊05'02	
asc. node	-1743 Jul 28 j 09:19	22°♎24'04			-1740 Jan 18 j 16:49	0°♋	
	-1743 Aug 03 j 14:25	0°♏		evening max el	-1740 Jan 28 j 04:15	9°♋42'55	46°05'54
greatest brilliancy	-1743 Aug 21 j 22:41	22°♏38'26	-3.9m		-1740 Feb 20 j 04:54	0°♌	
	-1743 Aug 27 j 20:38	0°♐		greatest brilliancy	-1740 Mar 02 j 21:05	7°♌14'12	-4.5m
	-1743 Sep 20 j 19:29	0°♑		retrograde	-1740 Mar 17 j 15:47	11°♌07'17	
morning set	-1743 Oct 02 j 18:58	15°♑05'08		evening set	-1740 Apr 03 j 03:00	5°♌53'55	
	-1743 Oct 14 j 14:50	0°♒		inferior conj	-1740 Apr 08 j 03:01	2°♌49'07	5°27'20
	-1743 Nov 07 j 09:47	0°♓		minimum elong	-1740 Apr 08 j 12:05	2°♌34'44	5°25'22
				min. Earth dist.	-1740 Apr 08 j 11:30	2°♌35'40	0.29141 AU
superior conj	-1743 Nov 12 j 15:29	6°♓35'43	0°10'22		-1740 Apr 12 j 16:00	30°♍39'34	
minimum elong	-1743 Nov 12 j 18:17	6°♓44'32	0°10'13	morning rise	-1740 Apr 13 j 21:08	29°♍17'34	
behind sun begin	-1743 Nov 11 j 21:02	5°♓37'41		direct	-1740 Apr 29 j 18:03	24°♍26'31	
behind sun end	-1743 Nov 13 j 15:31	7°♓51'23		desc. node	-1740 May 03 j 19:32	24°♍45'09	
max. Earth dist.	-1743 Nov 15 j 13:29	10°♓16'01	1.71011 AU	greatest brilliancy	-1740 May 13 j 00:22	27°♍30'27	-4.5m
desc. node	-1743 Nov 17 j 00:55	12°♓07'29			-1740 May 18 j 00:36	0°♌	
	-1743 Dec 01 j 06:11	0°♑		morning max el	-1740 Jun 17 j 14:06	24°♌12'25	45°49'48
evening rise	-1743 Dec 24 j 18:51	29°♑28'24			-1740 Jun 23 j 12:35	0°♍	
	-1743 Dec 25 j 04:58	0°♒			-1740 Jul 21 j 18:08	0°♎	
	-1742 Jan 18 j 07:00	0°♊			-1740 Aug 16 j 19:20	0°♏	
	-1742 Feb 11 j 13:50	0°♋		asc. node	-1740 Aug 24 j 21:11	9°♏36'29	
	-1742 Mar 08 j 03:47	0°♌			-1740 Sep 10 j 17:41	0°♐	
asc. node	-1742 Mar 10 j 01:51	2°♌19'18			-1740 Oct 05 j 00:37	0°♑	
	-1742 Apr 02 j 04:02	0°♍			-1740 Oct 28 j 23:52	0°♒	
	-1742 Apr 27 j 19:21	0°♎			-1740 Nov 21 j 20:49	0°♓	
	-1742 May 24 j 11:59	0°♏		desc. node	-1740 Dec 14 j 12:50	28°♓26'58	
evening max el	-1742 Jun 21 j 23:00	29°♏24'36	45°46'39		-1740 Dec 15 j 18:32	0°♑	
	-1742 Jun 22 j 13:48	0°♐		morning set	-1740 Dec 18 j 14:53	3°♑34'06	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1739 Jan 08 j 18:20	0°☾			minimum elong	-1737 Jun 17 j 09:20	9°☿34'06	3°41'17
					min. Earth dist.	-1737 Jun 17 j 23:09	9°☿12'45	0.28690 AU
superior conj	-1739 Jan 29 j 00:16	25°☾13'03	-1°-20'-45		morning rise	-1737 Jun 23 j 08:32	5°☿59'25	
minimum elong	-1739 Jan 28 j 17:52	24°☾53'09	1°20'42		direct	-1737 Jul 09 j 09:05	1°☿08'11	
	-1739 Feb 01 j 20:40	0°≈			greatest brilliancy	-1737 Jul 23 j 20:53	4°☿49'01	-4.5m
max. Earth dist.	-1739 Feb 01 j 21:55	0°≈03'53	1.72331 AU			-1737 Aug 25 j 15:20	0°☿	
	-1739 Feb 26 j 01:58	0°☿			morning max el	-1737 Aug 28 j 02:50	2°☿25'37	46°23'12
evening rise	-1739 Mar 09 j 01:59	13°☿34'00			asc. node	-1737 Sep 22 j 08:54	29°☿18'36	
	-1739 Mar 22 j 10:45	0°☿				-1737 Sep 22 j 23:36	0°☿	
asc. node	-1739 Apr 06 j 13:52	18°☿31'35				-1737 Oct 18 j 17:19	0°☿	
	-1739 Apr 15 j 23:33	0°☿				-1737 Nov 12 j 10:23	0°☿	
	-1739 May 10 j 16:54	0°☿				-1737 Dec 06 j 17:44	0°☿	
	-1739 Jun 04 j 16:00	0°☿				-1737 Dec 30 j 22:35	0°☿	
	-1739 Jun 29 j 23:44	0°☿			desc. node	-1736 Jan 12 j 00:42	14°☿58'30	
	-1739 Jul 25 j 22:34	0°☿				-1736 Jan 24 j 04:02	0°☿	
desc. node	-1739 Jul 27 j 05:05	1°☿26'32				-1736 Feb 17 j 11:00	0°≈	
	-1739 Aug 22 j 04:37	0°☿			morning set	-1736 Mar 03 j 13:34	18°≈37'08	
evening max el	-1739 Sep 03 j 13:13	12°☿40'58	47°07'27			-1736 Mar 12 j 19:27	0°☿	
	-1739 Sep 22 j 11:34	0°☿				-1736 Apr 06 j 05:08	0°☿	
greatest brilliancy	-1739 Oct 12 j 18:55	12°☿54'58	-4.7m					
retrograde	-1739 Oct 24 j 01:09	15°☿18'07			superior conj	-1736 Apr 09 j 23:08	4°☿36'23	0°-52'-39
evening set	-1739 Nov 07 j 13:12	11°☿06'27			minimum elong	-1736 Apr 10 j 07:53	5°☿03'14	0°52'19
inferior conj	-1739 Nov 13 j 13:59	7°☿34'30	0°-57'-9		max. Earth dist.	-1736 Apr 10 j 13:46	5°☿21'20	1.73600 AU
minimum elong	-1739 Nov 13 j 16:09	7°☿31'12	0°56'29			-1736 Apr 30 j 15:33	0°☿	
min. Earth dist.	-1739 Nov 13 j 08:03	7°☿43'32	0.26346 AU		asc. node	-1736 May 04 j 01:56	4°☿12'41	
asc. node	-1739 Nov 17 j 06:21	5°☿22'01			evening rise	-1736 May 16 j 08:21	19°☿16'01	
morning rise	-1739 Nov 19 j 19:16	3°☿57'15				-1736 May 25 j 02:15	0°☿	
	-1739 Dec 03 j 02:24	30°☿				-1736 Jun 18 j 13:03	0°☿	
direct	-1739 Dec 03 j 19:41	29°☿59'22				-1736 Jul 13 j 00:41	0°☿	
	-1739 Dec 04 j 13:02	0°☿				-1736 Aug 06 j 14:43	0°☿	
greatest brilliancy	-1739 Dec 15 j 11:56	2°☿33'18	-4.7m		desc. node	-1736 Aug 23 j 17:03	20°☿43'55	
	-1738 Jan 20 j 11:20	0°☿				-1736 Aug 31 j 09:34	0°☿	
morning max el	-1738 Jan 22 j 23:33	2°☿28'28	46°34'56			-1736 Sep 25 j 13:10	0°☿	
	-1738 Feb 18 j 00:37	0°☿				-1736 Oct 21 j 10:44	0°☿	
desc. node	-1738 Mar 08 j 22:14	21°☿14'03			evening max el	-1736 Nov 14 j 19:43	26°☿25'41	47°21'39
	-1738 Mar 16 j 13:47	0°≈				-1736 Nov 18 j 08:27	0°☿	
	-1738 Apr 11 j 07:49	0°☿			asc. node	-1736 Dec 14 j 18:13	22°☿37'27	
	-1738 May 06 j 15:07	0°☿			greatest brilliancy	-1736 Dec 22 j 01:35	26°☿48'42	-4.6m
	-1738 May 31 j 14:19	0°☿				-1736 Dec 31 j 18:22	0°≈	
	-1738 Jun 25 j 05:57	0°☿			retrograde	-1735 Jan 04 j 20:20	0°≈20'02	
asc. node	-1738 Jun 29 j 23:35	5°☿48'22				-1735 Jan 08 j 20:23	30°☿	
	-1738 Jul 19 j 14:19	0°☿			evening set	-1735 Jan 21 j 19:42	24°☿36'59	
morning set	-1738 Jul 20 j 17:07	1°☿23'02			min. Earth dist.	-1735 Jan 24 j 21:34	22°☿41'51	0.27989 AU
	-1738 Aug 12 j 16:35	0°☿			inferior conj	-1735 Jan 25 j 20:24	22°☿05'37	8°02'00
max. Earth dist.	-1738 Aug 23 j 17:36	13°☿49'21	1.71672 AU		minimum elong	-1735 Jan 25 j 14:05	22°☿15'38	8°01'19
					morning rise	-1735 Jan 29 j 08:54	19°☿53'46	
superior conj	-1738 Aug 26 j 22:09	17°☿49'19	1°24'12		direct	-1735 Feb 15 j 18:06	14°☿04'36	
minimum elong	-1738 Aug 26 j 23:25	17°☿53'17	1°24'13		greatest brilliancy	-1735 Feb 26 j 09:23	16°☿09'34	-4.5m
	-1738 Sep 05 j 14:58	0°☿				-1735 Mar 20 j 14:23	0°≈	
	-1738 Sep 29 j 11:54	0°☿			desc. node	-1735 Apr 05 j 09:58	14°≈05'14	
evening rise	-1738 Oct 05 j 06:52	7°☿16'37			morning max el	-1735 Apr 05 j 17:33	14°≈23'25	45°55'50
desc. node	-1738 Oct 19 j 15:06	25°☿17'08				-1735 Apr 21 j 06:56	0°☿	
	-1738 Oct 23 j 09:19	0°☿				-1735 May 18 j 21:20	0°☿	
	-1738 Nov 16 j 08:29	0°☿				-1735 Jun 14 j 01:03	0°☿	
	-1738 Dec 10 j 10:44	0°☿				-1735 Jul 09 j 08:43	0°☿	
	-1737 Jan 03 j 18:33	0°≈			asc. node	-1735 Jul 27 j 11:24	21°☿55'30	
	-1737 Jan 28 j 12:41	0°☿				-1735 Aug 03 j 01:45	0°☿	
asc. node	-1737 Feb 09 j 15:52	14°☿24'23				-1735 Aug 27 j 07:47	0°☿	
	-1737 Feb 23 j 01:36	0°☿			greatest brilliancy	-1735 Aug 28 j 05:59	1°☿09'13	-3.9m
	-1737 Mar 22 j 02:56	0°☿				-1735 Sep 20 j 06:34	0°☿	
evening max el	-1737 Apr 09 j 00:28	18°☿07'06	45°14'08		morning set	-1735 Sep 30 j 07:22	12°☿38'03	
	-1737 Apr 22 j 06:18	0°☿				-1735 Oct 14 j 01:55	0°☿	
greatest brilliancy	-1737 May 13 j 15:50	14°☿11'45	-4.5m			-1735 Nov 06 j 20:53	0°☿	
retrograde	-1737 May 27 j 08:14	17°☿25'48						
desc. node	-1737 Jun 01 j 07:30	16°☿56'51			superior conj	-1735 Nov 10 j 00:42	3°☿58'42	0°14'21
evening set	-1737 Jun 11 j 09:48	13°☿05'56			minimum elong	-1735 Nov 10 j 04:32	4°☿10'48	0°14'09
inferior conj	-1737 Jun 17 j 16:56	9°☿22'20	-3°-43'-20		behind sun begin	-1735 Nov 09 j 14:53	3°☿27'47	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

behind sun end	-1735 Nov 10 j 18:12	4° \mathbb{M} 53'48		desc. node	-1732 May 02 j 21:42	22° \mathbb{H} 51'36	
max. Earth dist.	-1735 Nov 12 j 14:16	7° \mathbb{M} 12'29	1.70994 AU	greatest brilliancy	-1732 May 10 j 15:55	25° \mathbb{H} 21'32	-4.5m
desc. node	-1735 Nov 16 j 03:06	11° \mathbb{M} 39'21			-1732 May 19 j 07:18	0° \mathbb{Y}	
	-1735 Nov 30 j 17:19	0° \mathbb{X}		morning max el	-1732 Jun 15 j 07:03	22° \mathbb{Y} 05'24	45°49'18
evening rise	-1735 Dec 22 j 04:40	26° \mathbb{X} 54'14			-1732 Jun 23 j 08:22	0° \mathbb{B}	
	-1735 Dec 24 j 16:06	0° \mathbb{Z}			-1732 Jul 21 j 08:56	0° \mathbb{H}	
	-1734 Jan 17 j 18:10	0° \approx			-1732 Aug 16 j 08:13	0° \mathbb{S}	
	-1734 Feb 11 j 01:07	0° \mathbb{H}		asc. node	-1732 Aug 23 j 23:12	9° \mathbb{S} 04'59	
	-1734 Mar 07 j 15:23	0° \mathbb{Y}			-1732 Sep 10 j 05:39	0° \mathbb{Q}	
asc. node	-1734 Mar 09 j 03:57	1° \mathbb{Y} 50'32			-1732 Oct 04 j 12:07	0° \mathbb{M}	
	-1734 Apr 01 j 16:17	0° \mathbb{B}			-1732 Oct 28 j 11:08	0° \mathbb{Q}	
	-1734 Apr 27 j 08:52	0° \mathbb{H}			-1732 Nov 21 j 07:56	0° \mathbb{M}	
	-1734 May 24 j 04:12	0° \mathbb{S}		desc. node	-1732 Dec 13 j 14:51	27° \mathbb{M} 58'45	
evening max el	-1734 Jun 19 j 11:35	27° \mathbb{S} 04'06	45°44'22		-1732 Dec 15 j 05:33	0° \mathbb{X}	
	-1734 Jun 22 j 13:54	0° \mathbb{Q}		morning set	-1732 Dec 16 j 00:44	1° \mathbb{X} 00'05	
desc. node	-1734 Jun 28 j 19:21	5° \mathbb{Q} 39'44			-1731 Jan 08 j 05:15	0° \mathbb{Z}	
greatest brilliancy	-1734 Jul 27 j 22:21	25° \mathbb{Q} 10'43	-4.5m				
retrograde	-1734 Aug 07 j 13:47	27° \mathbb{Q} 13'16		superior conj	-1731 Jan 26 j 12:33	22° \mathbb{Z} 48'14	-1°-19'-33
evening set	-1734 Aug 25 j 14:35	21° \mathbb{Q} 14'03		minimum elong	-1731 Jan 26 j 05:21	22° \mathbb{Z} 25'49	1°19'29
inferior conj	-1734 Aug 28 j 13:00	19° \mathbb{Q} 28'08	-8°-51'-24	max. Earth dist.	-1731 Jan 30 j 09:45	27° \mathbb{Z} 37'53	1.72278 AU
minimum elong	-1734 Aug 28 j 14:53	19° \mathbb{Q} 25'15	8°51'21		-1731 Feb 01 j 07:31	0° \approx	
min. Earth dist.	-1734 Aug 29 j 04:25	19° \mathbb{Q} 04'39	0.27468 AU		-1731 Feb 25 j 12:47	0° \mathbb{H}	
morning rise	-1734 Aug 31 j 14:59	17° \mathbb{Q} 36'22		evening rise	-1731 Mar 06 j 17:01	11° \mathbb{H} 19'15	
direct	-1734 Sep 18 j 10:55	11° \mathbb{Q} 35'05			-1731 Mar 21 j 21:37	0° \mathbb{Y}	
greatest brilliancy	-1734 Oct 02 j 07:56	15° \mathbb{Q} 04'59	-4.7m	asc. node	-1731 Apr 05 j 16:02	18° \mathbb{Y} 04'52	
asc. node	-1734 Oct 19 j 20:41	26° \mathbb{Q} 51'53			-1731 Apr 15 j 10:34	0° \mathbb{B}	
	-1734 Oct 23 j 12:50	0° \mathbb{M}			-1731 May 10 j 04:17	0° \mathbb{H}	
morning max el	-1734 Nov 08 j 05:10	15° \mathbb{M} 00'21	46°53'57		-1731 Jun 04 j 04:03	0° \mathbb{S}	
	-1734 Nov 22 j 07:03	0° \mathbb{Q}			-1731 Jun 29 j 12:55	0° \mathbb{Q}	
	-1734 Dec 18 j 14:03	0° \mathbb{M}			-1731 Jul 25 j 13:48	0° \mathbb{M}	
	-1733 Jan 12 j 20:52	0° \mathbb{X}		desc. node	-1731 Jul 26 j 07:06	0° \mathbb{M} 48'51	
	-1733 Feb 06 j 19:08	0° \mathbb{Z}			-1731 Aug 22 j 00:25	0° \mathbb{Q}	
desc. node	-1733 Feb 08 j 12:30	2° \mathbb{Z} 04'57		evening max el	-1731 Sep 01 j 03:36	10° \mathbb{Q} 19'44	47°05'18
	-1733 Mar 03 j 14:03	0° \approx			-1731 Sep 23 j 02:25	0° \mathbb{M}	
	-1733 Mar 28 j 07:10	0° \mathbb{H}		greatest brilliancy	-1731 Oct 10 j 08:15	10° \mathbb{M} 26'54	-4.7m
	-1733 Apr 21 j 22:38	0° \mathbb{Y}		retrograde	-1731 Oct 21 j 14:07	12° \mathbb{M} 48'53	
morning set	-1733 May 11 j 23:27	24° \mathbb{Y} 27'54		evening set	-1731 Nov 05 j 02:54	8° \mathbb{M} 35'44	
	-1733 May 16 j 11:57	0° \mathbb{B}		inferior conj	-1731 Nov 11 j 02:10	5° \mathbb{M} 05'46	-1°-21'-34
asc. node	-1733 Jun 01 j 13:48	19° \mathbb{B} 43'16		minimum elong	-1731 Nov 11 j 05:15	5° \mathbb{M} 01'05	1°20'36
	-1733 Jun 09 j 22:18	0° \mathbb{H}		min. Earth dist.	-1731 Nov 10 j 21:17	5° \mathbb{M} 13'13	0.26336 AU
max. Earth dist.	-1733 Jun 13 j 15:08	4° \mathbb{H} 33'41	1.73307 AU	asc. node	-1731 Nov 16 j 08:20	2° \mathbb{M} 00'09	
				morning rise	-1731 Nov 17 j 07:50	1° \mathbb{M} 28'31	
superior conj	-1733 Jun 17 j 01:26	8° \mathbb{H} 47'26	0°35'29		-1731 Nov 20 j 08:51	30° \mathbb{R} \mathbb{Q}	
minimum elong	-1733 Jun 16 j 18:57	8° \mathbb{H} 27'27	0°35'13	direct	-1731 Dec 01 j 08:34	27° \mathbb{Q} 31'02	
	-1733 Jul 04 j 05:16	0° \mathbb{S}			-1731 Dec 12 j 19:25	0° \mathbb{M}	
evening rise	-1733 Jul 22 j 21:21	23° \mathbb{S} 09'48		greatest brilliancy	-1731 Dec 13 j 01:04	0° \mathbb{M} 05'51	-4.7m
	-1733 Jul 28 j 09:24	0° \mathbb{Q}			-1730 Jan 20 j 10:52	0° \mathbb{X}	
	-1733 Aug 21 j 12:11	0° \mathbb{M}		morning max el	-1730 Jan 20 j 13:47	0° \mathbb{X} 07'15	46°36'06
	-1733 Sep 14 j 15:26	0° \mathbb{Q}			-1730 Feb 17 j 17:02	0° \mathbb{Z}	
desc. node	-1733 Sep 21 j 05:12	8° \mathbb{Q} 09'20		desc. node	-1730 Mar 08 j 00:23	20° \mathbb{Z} 39'03	
	-1733 Oct 08 j 20:45	0° \mathbb{M}			-1730 Mar 16 j 03:34	0° \approx	
	-1733 Nov 02 j 05:57	0° \mathbb{X}			-1730 Apr 10 j 20:16	0° \mathbb{H}	
	-1733 Nov 26 j 22:50	0° \mathbb{Z}			-1730 May 06 j 02:47	0° \mathbb{Y}	
	-1733 Dec 22 j 08:40	0° \approx			-1730 May 31 j 01:28	0° \mathbb{B}	
asc. node	-1732 Jan 12 j 06:00	23° \approx 22'50			-1730 Jun 24 j 16:49	0° \mathbb{H}	
	-1732 Jan 18 j 11:44	0° \mathbb{H}		asc. node	-1730 Jun 29 j 01:35	5° \mathbb{H} 21'12	
evening max el	-1732 Jan 25 j 19:08	7° \mathbb{H} 27'18	46°08'47	morning set	-1730 Jul 18 j 09:58	29° \mathbb{H} 13'15	
	-1732 Feb 20 j 22:45	0° \mathbb{Y}			-1730 Jul 19 j 01:04	0° \mathbb{S}	
greatest brilliancy	-1732 Feb 29 j 12:47	5° \mathbb{Y} 04'08	-4.5m		-1730 Aug 12 j 03:22	0° \mathbb{Q}	
retrograde	-1732 Mar 15 j 09:06	8° \mathbb{Y} 59'22		max. Earth dist.	-1730 Aug 21 j 03:19	11° \mathbb{Q} 15'37	1.71725 AU
evening set	-1732 Mar 31 j 22:14	3° \mathbb{Y} 41'40					
inferior conj	-1732 Apr 05 j 19:44	0° \mathbb{Y} 40'35	5°41'48	superior conj	-1730 Aug 24 j 13:13	15° \mathbb{Q} 32'12	1°24'21
minimum elong	-1732 Apr 06 j 04:55	0° \mathbb{Y} 26'03	5°39'52	minimum elong	-1730 Aug 24 j 13:40	15° \mathbb{Q} 33'35	1°24'22
min. Earth dist.	-1732 Apr 06 j 03:34	0° \mathbb{Y} 28'10	0.29138 AU		-1730 Sep 05 j 01:50	0° \mathbb{M}	
	-1732 Apr 06 j 21:24	30° \mathbb{R} \mathbb{H}			-1730 Sep 28 j 22:53	0° \mathbb{Q}	
morning rise	-1732 Apr 11 j 11:35	27° \mathbb{H} 12'32		evening rise	-1730 Oct 02 j 17:55	4° \mathbb{Q} 45'57	
direct	-1732 Apr 27 j 10:20	22° \mathbb{H} 18'00		desc. node	-1730 Oct 18 j 17:15	24° \mathbb{Q} 49'07	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1730 Oct 22 j 20:25	0°♌			-1727 May 18 j 11:33	0°♍		
	-1730 Nov 15 j 19:44	0°♏			-1727 Jun 13 j 13:41	0°♎		
	-1730 Dec 09 j 22:11	0°♐			-1727 Jul 08 j 20:33	0°♏		
	-1729 Jan 03 j 06:22	0°♑		asc. node	-1727 Jul 26 j 13:31	21°♐26'49		
	-1729 Jan 28 j 01:11	0°♒			-1727 Aug 02 j 13:10	0°♑		
evening max el	-1729 Feb 08 j 17:58	13°♒52'18			-1727 Aug 26 j 18:59	0°♒		
	-1729 Feb 22 j 15:30	0°♓		greatest brilliancy	-1727 Aug 31 j 09:19	5°♒44'18	-3.9m	
evening max el	-1729 Mar 21 j 20:19	0°♈			-1727 Sep 19 j 17:40	0°♓		
	-1729 Apr 06 j 16:28	15°♈57'20	45°14'30	morning set	-1727 Sep 27 j 19:47	10°♓10'57		
greatest brilliancy	-1729 Apr 22 j 13:52	0°♉			-1727 Oct 13 j 13:00	0°♈		
	-1729 May 11 j 06:58	12°♉01'30	-4.5m		-1727 Nov 06 j 08:01	0°♉		
retrograde	-1729 May 24 j 23:24	15°♉15'48						
desc. node	-1729 May 31 j 09:32	14°♉27'34		superior conj	-1727 Nov 07 j 09:58	1°♌21'44	0°18'18	
evening set	-1729 Jun 09 j 00:28	10°♉57'31		minimum elong	-1727 Nov 07 j 14:49	1°♌37'00	0°18'02	
inferior conj	-1729 Jun 15 j 08:45	7°♉12'04	-3°-24'-48	max. Earth dist.	-1727 Nov 09 j 15:27	4°♌10'08	1.70981 AU	
minimum elong	-1729 Jun 15 j 01:40	7°♉23'01	3°22'52	desc. node	-1727 Nov 15 j 05:03	11°♌10'31		
min. Earth dist.	-1729 Jun 15 j 15:15	7°♉01'59	0.28715 AU		-1727 Nov 30 j 04:29	0°♏		
morning rise	-1729 Jun 21 j 02:30	3°♉45'39		evening rise	-1727 Dec 19 j 14:30	24°♏20'00		
	-1729 Jun 29 j 18:23	30°♏♏			-1727 Dec 24 j 03:18	0°♐		
direct	-1729 Jul 07 j 01:11	28°♏57'34			-1726 Jan 17 j 05:23	0°♑		
	-1729 Jul 14 j 13:15	0°♉			-1726 Feb 10 j 12:27	0°♒		
greatest brilliancy	-1729 Jul 21 j 11:31	2°♉36'01	-4.5m		-1726 Mar 07 j 03:03	0°♓		
morning max el	-1729 Aug 25 j 16:57	0°♑07'37	46°21'40	asc. node	-1726 Mar 08 j 06:09	1°♓21'52		
	-1729 Aug 25 j 13:51	0°♑			-1726 Apr 01 j 04:38	0°♈		
asc. node	-1729 Sep 21 j 11:07	28°♑39'39			-1726 Apr 26 j 22:35	0°♉		
	-1729 Sep 22 j 15:32	0°♒			-1726 May 23 j 20:53	0°♑		
desc. node	-1729 Oct 18 j 07:00	0°♓		evening max el	-1726 Jun 17 j 00:41	24°♑44'21	45°41'58	
	-1729 Nov 11 j 22:59	0°♈			-1726 Jun 22 j 15:34	0°♒		
	-1729 Dec 06 j 05:42	0°♉		desc. node	-1726 Jun 27 j 21:24	4°♒40'09		
	-1729 Dec 30 j 10:08	0°♏		greatest brilliancy	-1726 Jul 25 j 08:37	22°♒46'30	-4.5m	
	-1728 Jan 11 j 02:44	14°♏29'32		retrograde	-1726 Aug 05 j 02:49	24°♒51'38		
morning set	-1728 Jan 23 j 15:16	0°♐		evening set	-1726 Aug 23 j 03:14	18°♒52'16		
	-1728 Feb 16 j 21:59	0°♑		inferior conj	-1726 Aug 26 j 02:14	17°♒05'38	-8°-52'-13	
	-1728 Mar 01 j 04:51	16°♑22'59		minimum elong	-1726 Aug 26 j 03:13	17°♒04'09	8°52'13	
	-1728 Mar 12 j 06:16	0°♒		min. Earth dist.	-1726 Aug 26 j 17:19	16°♒42'42	0.27527 AU	
	-1728 Apr 05 j 15:50	0°♓		morning rise	-1726 Aug 29 j 02:59	15°♒15'52		
superior conj	-1728 Apr 07 j 16:46	2°♓30'14	0°-55'-6	direct	-1726 Sep 16 j 00:46	9°♒11'26		
minimum elong	-1728 Apr 08 j 01:40	2°♓57'35	0°54'48	greatest brilliancy	-1726 Sep 30 j 00:21	12°♒44'23	-4.6m	
max. Earth dist.	-1728 Apr 08 j 10:56	3°♓26'01	1.73580 AU	asc. node	-1726 Oct 18 j 22:40	25°♒42'50		
	-1728 Apr 30 j 02:17	0°♈		morning max el	-1726 Oct 23 j 19:37	0°♓		
asc. node	-1728 May 03 j 03:58	3°♈46'02			-1726 Nov 05 j 19:24	12°♓35'56	46°53'42	
evening rise	-1728 May 14 j 03:22	17°♈13'57			-1726 Nov 22 j 01:32	0°♈		
	-1728 May 24 j 13:05	0°♉			-1726 Dec 18 j 05:06	0°♉		
desc. node	-1728 Jun 18 j 00:09	0°♑						

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1724 Jan 11 j 08:08	22°≈39'41				-1722 Jun 24 j 04:00	0°Π		
	-1724 Jan 18 j 07:27	0°Ϡ			asc. node	-1722 Jun 28 j 03:47	4°Π53'43		
evening max el	-1724 Jan 23 j 10:59	5°Ϡ13'18	46°11'42		morning set	-1722 Jul 16 j 03:16	27°Π03'55		
	-1724 Feb 21 j 23:34	0°Υ				-1722 Jul 18 j 12:08	0°Ϣ		
greatest brilliancy	-1724 Feb 27 j 05:13	2°Υ54'21	-4.5m			-1722 Aug 11 j 14:26	0°Ω		
retrograde	-1724 Mar 13 j 02:40	6°Υ50'37			max. Earth dist.	-1722 Aug 18 j 13:51	8°Ω43'36	1.71782 AU	
evening set	-1724 Mar 29 j 17:35	1°Υ28'46							
	-1724 Apr 01 j 04:06	30°ϠϠ			superior conj	-1722 Aug 22 j 04:49	13°Ω15'56	1°24'20	
inferior conj	-1724 Apr 03 j 12:29	28°Ϡ31'17	5°55'43		minimum elong	-1722 Aug 22 j 04:28	13°Ω14'49	1°24'22	
minimum elong	-1724 Apr 03 j 21:43	28°Ϡ16'41	5°53'51			-1722 Sep 04 j 13:00	0°Ϡ		
min. Earth dist.	-1724 Apr 03 j 19:24	28°Ϡ20'22	0.29131 AU			-1722 Sep 28 j 10:12	0°⚊		
morning rise	-1724 Apr 09 j 01:57	25°Ϡ06'52			evening rise	-1722 Sep 30 j 05:19	2°⚊15'25		
direct	-1724 Apr 25 j 03:03	20°Ϡ08'53			desc. node	-1722 Oct 17 j 19:14	24°⚊19'28		
desc. node	-1724 May 01 j 23:40	21°Ϡ01'18				-1722 Oct 22 j 07:54	0°Ϡ		
greatest brilliancy	-1724 May 08 j 06:25	23°Ϡ10'44	-4.5m			-1722 Nov 15 j 07:24	0°⚊		
	-1724 May 20 j 05:47	0°Υ				-1722 Dec 09 j 10:06	0°⚊		
morning max el	-1724 Jun 13 j 00:16	19°Υ58'24	45°48'47			-1721 Jan 02 j 18:39	0°≈		
	-1724 Jun 23 j 03:51	0°Ϡ				-1721 Jan 27 j 14:08	0°Ϡ		
	-1724 Jul 20 j 23:49	0°Π							
	-1724 Aug 15 j 21:20	0°Ϣ			asc. node	-1721 Feb 07 j 20:09	13°Ϡ19'07		
asc. node	-1724 Aug 23 j 01:26	8°Ϣ33'13				-1721 Feb 22 j 05:56	0°Υ		
	-1724 Sep 09 j 17:57	0°Ω				-1721 Mar 21 j 14:27	0°Ϡ		
	-1724 Oct 04 j 00:01	0°Ϡ			evening max el	-1721 Apr 04 j 07:41	13°Ϡ44'45	45°15'05	
	-1724 Oct 27 j 22:49	0°⚊				-1721 Apr 23 j 00:38	0°Π		
	-1724 Nov 20 j 19:27	0°Ϡ			greatest brilliancy	-1721 May 08 j 21:39	9°Π50'06	-4.5m	
desc. node	-1724 Dec 12 j 16:57	27°Ϡ29'42			retrograde	-1721 May 22 j 14:38	13°Π05'45		
morning set	-1724 Dec 13 j 10:22	28°Ϡ24'14			desc. node	-1721 May 30 j 11:40	11°Π53'15		
	-1724 Dec 14 j 16:55	0°⚊			evening set	-1721 Jun 06 j 15:29	8°Π48'28		
	-1723 Jan 07 j 16:30	0°⚊			inferior conj	-1721 Jun 13 j 00:46	5°Π01'39	-3°-6'-8	
					minimum elong	-1721 Jun 12 j 18:15	5°Π11'45	3°04'20	
superior conj	-1723 Jan 24 j 00:33	20°⚊21'29	-1°-18'-12		min. Earth dist.	-1721 Jun 13 j 07:52	4°Π50'38	0.28740 AU	
minimum elong	-1723 Jan 23 j 16:36	19°⚊56'43	1°18'06		morning rise	-1721 Jun 18 j 20:32	1°Π31'56		
max. Earth dist.	-1723 Jan 28 j 00:11	25°⚊18'50	1.72223 AU			-1721 Jun 21 j 18:59	30°ϠϠ		
	-1723 Jan 31 j 18:41	0°≈			direct	-1721 Jul 04 j 16:58	26°Ϡ46'35		
	-1723 Feb 24 j 23:55	0°Ϡ				-1721 Jul 18 j 06:24	0°Π		
evening rise	-1723 Mar 04 j 08:03	9°Ϡ03'22			greatest brilliancy	-1721 Jul 19 j 02:59	0°Π23'40	-4.5m	
	-1723 Mar 21 j 08:48	0°Υ			morning max el	-1721 Aug 23 j 07:04	27°Π49'05	46°20'19	
asc. node	-1723 Apr 04 j 18:04	17°Υ36'41				-1721 Aug 25 j 11:47	0°Ϣ		
	-1723 Apr 14 j 21:56	0°Ϡ			asc. node	-1721 Sep 20 j 13:08	27°Ϣ59'49		
	-1723 May 09 j 16:01	0°Π				-1721 Sep 22 j 07:27	0°Ω		
	-1723 Jun 03 j 16:27	0°Ϣ				-1721 Oct 17 j 20:48	0°Ϡ		
	-1723 Jun 29 j 02:31	0°Ω				-1721 Nov 11 j 11:47	0°⚊		

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

greatest brilliancy	-1720 Dec 17 j 13:08	22°☾14'19	-4.7m	superior conj	-1717 Jun 12 j 14:53	4°♄40'10	0°29'47
retrograde	-1720 Dec 31 j 02:15	25°☾40'27		minimum elong	-1717 Jun 12 j 09:18	4°♄22'57	0°29'33
evening set	-1719 Jan 16 j 19:45	20°☾07'59			-1717 Jul 03 j 03:01	0°☾	
min. Earth dist.	-1719 Jan 20 j 02:53	18°☾05'22	0.27844 AU	evening rise	-1717 Jul 18 j 09:10	18°☾54'47	
inferior conj	-1719 Jan 21 j 02:24	17°☾28'06	7°46'46		-1717 Jul 27 j 07:29	0°♁	
minimum elong	-1719 Jan 20 j 18:56	17°☾39'57	7°45'47		-1717 Aug 20 j 10:48	0°♈	
morning rise	-1719 Jan 24 j 18:31	15°☾10'52			-1717 Sep 13 j 14:44	0°♊	
direct	-1719 Feb 10 j 21:27	9°☾29'19		desc. node	-1717 Sep 19 j 09:16	7°♊09'13	
greatest brilliancy	-1719 Feb 21 j 13:26	11°☾34'16	-4.6m		-1717 Oct 07 j 20:53	0°♋	
	-1719 Mar 21 j 04:32	0°♌			-1717 Nov 01 j 07:10	0°♍	
morning max el	-1719 Mar 31 j 21:12	9°♌49'15	45°57'56		-1717 Nov 26 j 01:47	0°☾	
desc. node	-1719 Apr 03 j 14:05	12°♌26'27			-1717 Dec 21 j 15:06	0°♎	
	-1719 Apr 20 j 18:33	0°♏		asc. node	-1716 Jan 10 j 10:19	21°♎56'53	
	-1719 May 18 j 01:48	0°♐			-1716 Jan 18 j 03:29	0°♑	
	-1719 Jun 13 j 02:23	0°♒		evening max el	-1716 Jan 21 j 03:31	3°♑01'41	46°14'36
	-1719 Jul 08 j 08:27	0°♓			-1716 Feb 23 j 10:04	0°♒	
asc. node	-1719 Jul 25 j 15:37	20°♓57'57		greatest brilliancy	-1716 Feb 24 j 22:36	0°♒46'41	-4.5m
	-1719 Aug 02 j 00:40	0°♈		retrograde	-1716 Mar 10 j 20:05	4°♒42'36	
	-1719 Aug 26 j 06:16	0°♉			-1716 Mar 26 j 07:15	30°♒♈	
greatest brilliancy	-1719 Sep 02 j 09:14	8°♉53'57	-3.9m	evening set	-1716 Mar 27 j 13:02	29°♒16'53	
	-1719 Sep 19 j 04:51	0°♊		inferior conj	-1716 Apr 01 j 05:20	26°♒22'53	6°09'09
morning set	-1719 Sep 25 j 08:42	7°♊45'13		minimum elong	-1716 Apr 01 j 14:33	26°♒08'17	6°07'21
	-1719 Oct 13 j 00:10	0°♋		min. Earth dist.	-1716 Apr 01 j 11:11	26°♒13'37	0.29124 AU
				morning rise	-1716 Apr 06 j 16:15	23°♒02'08	
superior conj	-1719 Nov 04 j 19:43	28°♋46'05	0°22'09	direct	-1716 Apr 22 j 20:08	18°♒00'50	
minimum elong	-1719 Nov 05 j 01:31	29°♋04'20	0°21'52	desc. node	-1716 May 01 j 01:50	19°♒15'50	
	-1719 Nov 05 j 19:11	0°♌		greatest brilliancy	-1716 May 05 j 20:02	20°♒59'36	-4.5m
max. Earth dist.	-1719 Nov 06 j 20:27	1°♌19'35	1.70969 AU		-1716 May 20 j 22:06	0°♍	
desc. node	-1719 Nov 14 j 07:12	10°♌42'09		morning max el	-1716 Jun 10 j 17:15	17°♍51'33	45°48'13
	-1719 Nov 29 j 15:40	0°♎			-1716 Jun 22 j 22:34	0°♏	
evening rise	-1719 Dec 17 j 00:40	21°♎46'41			-1716 Jul 20 j 14:19	0°♐	
	-1719 Dec 23 j 14:30	0°☾			-1716 Aug 15 j 10:08	0°☾	
	-1718 Jan 16 j 16:39	0°♌		asc. node	-1716 Aug 22 j 03:28	8°☾01'43	
	-1718 Feb 09 j 23:53	0°♈			-1716 Sep 09 j 05:56	0°♉	
	-1718 Mar 06 j 14:51	0°♐			-1716 Oct 03 j 11:36	0°♊	
asc. node	-1718 Mar 07 j 08:07	0°♐52'07			-1716 Oct 27 j 10:11	0°♋	
	-1718 Mar 31 j 17:09	0°♑			-1716 Nov 20 j 06:41	0°♌	
	-1718 Apr 26 j 12:30	0°♒		morning set	-1716 Dec 10 j 20:01	25°♌49'10	
	-1718 May 23 j 13:56	0°☾		desc. node	-1716 Dec 11 j 19:06	27°♌01'31	
evening max el	-1718 Jun 14 j 14:51	22°☾27'27	45°39'49		-1716 Dec 14 j 04:02	0°♍	
	-1718 Jun 22 j 18:37	0°♉			-1715 Jan 07 j 03:30	0°☾	
desc. node	-1718 Jun 26 j 23:34	3°♉39'37					
greatest brilliancy	-1718 Jul 22 j 18:13	20°♉22'24	-4.5m	superior conj	-1715 Jan 21 j 12:30	17°☾55'13	-1°-16'-42
retrograde	-1718 Aug 02 j 16:20	22°♉30'49		minimum elong	-1715 Jan 21 j 03:50	17°☾28'14	1°16'33
evening set	-1718 Aug 20 j 15:39	16°♉32'01		max. Earth dist.	-1715 Jan 25 j 15:36	23°☾03'36	1.72163 AU
inferior conj	-1718 Aug 23 j 15:40	14°♉43'54	-8°-52'-10		-1715 Jan 31 j 05:34	0°♌	
minimum elong	-1718 Aug 23 j 15:43	14°♉43'49	8°52'10		-1715 Feb 24 j 10:45	0°♈	
min. Earth dist.	-1718 Aug 24 j 06:01	14°♉22'07	0.27586 AU	evening rise	-1715 Mar 01 j 23:04	6°♈48'20	
morning rise	-1718 Aug 26 j 15:37	12°♉55'28			-1715 Mar 20 j 19:41	0°♐	
direct	-1718 Sep 13 j 15:21	6°♉48'44		asc. node	-1715 Apr 03 j 20:10	17°♐09'40	
greatest brilliancy	-1718 Sep 27 j 16:07	10°♉23'35	-4.6m		-1715 Apr 14 j 09:00	0°♑	
asc. node	-1718 Oct 18 j 00:46	24°♉36'04			-1715 May 09 j 03:29	0°♒	
	-1718 Oct 24 j 00:15	0°♊			-1715 Jun 03 j 04:38	0°☾	
morning max el	-1718 Nov 03 j 10:38	10°♊14'30	46°53'25		-1715 Jun 28 j 15:57	0°♉	
	-1718 Nov 21 j 19:30	0°♋		desc. node	-1715 Jul 24 j 11:21	29°♉31'59	
	-1718 Dec 17 j 19:51	0°♌			-1715 Jul 24 j 21:22	0°♊	
	-1717 Jan 11 j 23:30	0°♍			-1715 Aug 21 j 18:30	0°♋	
	-1717 Feb 05 j 19:53	0°☾		evening max el	-1715 Aug 27 j 07:44	5°♋34'25	47°00'11
desc. node	-1717 Feb 06 j 16:44	1°☾03'07			-1715 Sep 25 j 02:32	0°♌	
	-1717 Mar 02 j 13:33	0°♌		greatest brilliancy	-1715 Oct 05 j 12:57	5°♌30'49	-4.7m
	-1717 Mar 27 j 05:48	0°♈		retrograde	-1715 Oct 16 j 14:21	7°♌46'53	
	-1717 Apr 20 j 20:42	0°♐		evening set	-1715 Oct 31 j 06:35	3°♌30'43	
morning set	-1717 May 07 j 12:56	20°♐22'16		inferior conj	-1715 Nov 06 j 02:12	0°♌05'27	-2°-10'-6
	-1717 May 15 j 09:41	0°♑		minimum elong	-1715 Nov 06 j 07:02	29°♌58'04	2°08'36
asc. node	-1717 May 30 j 18:02	18°♑49'53		min. Earth dist.	-1715 Nov 06 j 00:16	0°♌08'23	0.26329 AU
	-1717 Jun 08 j 19:56	0°♒			-1715 Nov 06 j 05:46	30°♌♉	
max. Earth dist.	-1717 Jun 09 j 13:31	0°♒54'10	1.73382 AU	morning rise	-1715 Nov 12 j 07:40	26°♌28'14	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1710 Dec 17 j 10:26	0°♍		desc. node	-1707 Jul 23 j 13:23	28°♌52'27	
	-1709 Jan 11 j 12:38	0°♊			-1707 Jul 24 j 13:38	0°♎	
	-1709 Feb 05 j 08:08	0°♊			-1707 Aug 21 j 16:47	0°♏	
desc. node	-1709 Feb 05 j 18:46	0°♊32'14		evening max el	-1707 Aug 24 j 20:41	3°♏08'58	46°57'36
	-1709 Mar 02 j 01:11	0°♋			-1707 Sep 26 j 17:37	0°♍	
	-1709 Mar 26 j 17:01	0°♋		greatest brilliancy	-1707 Oct 03 j 04:10	3°♍04'04	-4.7m
	-1709 Apr 20 j 07:40	0°♌		retrograde	-1707 Oct 14 j 01:52	5°♍16'35	
morning set	-1709 May 05 j 07:26	18°♌18'54		evening set	-1707 Oct 28 j 20:47	0°♍58'20	
	-1709 May 14 j 20:30	0°♍			-1707 Oct 30 j 14:23	30°♎	
asc. node	-1709 May 29 j 20:06	18°♍23'10		inferior conj	-1707 Nov 03 j 14:22	27°♏36'06	-2°-33'-56
max. Earth dist.	-1709 Jun 07 j 10:42	28°♍58'26	1.73414 AU	minimum elong	-1707 Nov 03 j 20:02	27°♏27'26	2°32'11
	-1709 Jun 08 j 06:42	0°♎		min. Earth dist.	-1707 Nov 03 j 14:19	27°♏36'10	0.26328 AU
				morning rise	-1707 Nov 09 j 19:20	23°♏59'15	
superior conj	-1709 Jun 10 j 09:30	2°♎36'26	0°26'51	asc. node	-1707 Nov 13 j 14:40	22°♏11'17	
minimum elong	-1709 Jun 10 j 04:24	2°♎20'44	0°26'38	direct	-1707 Nov 23 j 21:09	20°♏01'52	
	-1709 Jul 02 j 13:50	0°♏		greatest brilliancy	-1707 Dec 05 j 18:35	22°♏41'03	-4.7m
evening rise	-1709 Jul 16 j 03:12	16°♏47'56			-1707 Dec 18 j 07:55	0°♍	
	-1709 Jul 26 j 18:28	0°♏		morning max el	-1706 Jan 13 j 03:47	22°♍47'37	46°39'54
	-1709 Aug 19 j 22:02	0°♎			-1706 Jan 20 j 05:04	0°♊	
	-1709 Sep 13 j 02:18	0°♏			-1706 Feb 16 j 17:26	0°♊	
desc. node	-1709 Sep 18 j 11:29	6°♏40'01		desc. node	-1706 Mar 05 j 06:43	18°♊53'16	
	-1709 Oct 07 j 08:52	0°♍			-1706 Mar 14 j 20:49	0°♋	
	-1709 Oct 31 j 19:45	0°♊			-1706 Apr 09 j 09:45	0°♋	
	-1709 Nov 25 j 15:20	0°♊			-1706 May 04 j 14:00	0°♌	
	-1709 Dec 21 j 06:37	0°♋			-1706 May 29 j 11:20	0°♍	
asc. node	-1708 Jan 09 j 12:20	21°♋12'34			-1706 Jun 23 j 01:54	0°♎	
	-1708 Jan 18 j 00:25	0°♋		asc. node	-1706 Jun 26 j 07:55	3°♎59'15	
evening max el	-1708 Jan 18 j 19:46	0°♋48'30	46°17'23	morning set	-1706 Jul 11 j 13:40	22°♎46'02	
greatest brilliancy	-1708 Feb 22 j 16:58	28°♋39'15	-4.5m		-1706 Jul 17 j 09:53	0°♏	
	-1708 Feb 25 j 16:36	0°♌			-1706 Aug 10 j 12:15	0°♏	
retrograde	-1708 Mar 08 j 12:57	2°♌33'16		max. Earth dist.	-1706 Aug 13 j 15:44	3°♏55'55	1.71903 AU
	-1708 Mar 19 j 18:49	30°♎					
evening set	-1708 Mar 25 j 08:21	27°♋03'54		superior conj	-1706 Aug 17 j 12:03	8°♏44'43	1°23'54
inferior conj	-1708 Mar 29 j 22:01	24°♋13'24	6°22'11	minimum elong	-1706 Aug 17 j 10:09	8°♏38'47	1°23'55
minimum elong	-1708 Mar 30 j 07:10	23°♋58'52	6°20'28		-1706 Sep 03 j 11:01	0°♎	
min. Earth dist.	-1708 Mar 30 j 02:59	24°♋05'29	0.29112 AU	evening rise	-1706 Sep 25 j 04:28	27°♎16'49	
morning rise	-1708 Apr 04 j 06:11	20°♋56'19			-1706 Sep 27 j 08:28	0°♏	
direct	-1708 Apr 20 j 12:52	15°♋51'50		desc. node	-1706 Oct 15 j 23:30	23°♏22'17	
desc. node	-1708 Apr 30 j 03:59	17°♋33'08			-1706 Oct 21 j 06:28	0°♍	
greatest brilliancy	-1708 May 03 j 08:45	18°♋46'31	-4.5m		-1706 Nov 14 j 06:21	0°♊	
	-1708 May 21 j 10:34	0°♌			-1706 Dec 08 j 09:32	0°♊	
morning max el	-1708 Jun 08 j 09:13	15°♌41'45	45°47'40		-1705 Jan 01 j 18:52	0°♋	
	-1708 Jun 22 j 16:58	0°♍			-1705 Jan 26 j 15:50	0°♋	
	-1708 Jul 20 j 04:46	0°♎		asc. node	-1705 Feb 06 j 00:18	12°♋12'48	
	-1708 Aug 14 j 22:59	0°♏			-1705 Feb 21 j 10:48	0°♌	
asc. node	-1708 Aug 21 j 05:33	7°♏30'09			-1705 Mar 21 j 03:37	0°♍	
	-1708 Sep 08 j 17:59	0°♏		evening max el	-1705 Mar 30 j 13:16	9°♍18'59	45°16'38
	-1708 Oct 02 j 23:14	0°♎			-1705 Apr 24 j 09:34	0°♎	
	-1708 Oct 26 j 21:36	0°♏		greatest brilliancy	-1705 May 04 j 00:12	5°♎25'29	-4.5m
	-1708 Nov 19 j 17:58	0°♍		retrograde	-1705 May 17 j 22:03	8°♎47'59	
morning set	-1708 Dec 08 j 05:54	23°♍14'34		desc. node	-1705 May 28 j 15:48	6°♎33'04	
desc. node	-1708 Dec 10 j 21:07	26°♍32'51		evening set	-1705 Jun 01 j 22:07	4°♎31'03	
	-1708 Dec 13 j 15:12	0°♊		inferior conj	-1705 Jun 08 j 08:55	0°♎42'34	-2°-28'-13
	-1707 Jan 06 j 14:35	0°♊		minimum elong	-1705 Jun 08 j 03:37	0°♎50'47	2°26'42
				min. Earth dist.	-1705 Jun 08 j 16:56	0°♎30'09	0.28795 AU
superior conj	-1707 Jan 19 j 00:16	15°♊27'57	-1°-15'-2		-1705 Jun 09 j 12:24	30°♎	
minimum elong	-1707 Jan 18 j 14:57	14°♊58'57	1°14'52	morning rise	-1705 Jun 14 j 08:32	27°♍07'19	
max. Earth dist.	-1707 Jan 23 j 06:40	20°♊46'44	1.72108 AU	direct	-1705 Jun 30 j 00:37	22°♍26'03	
	-1707 Jan 30 j 16:37	0°♋		greatest brilliancy	-1705 Jul 14 j 12:53	26°♍04'36	-4.5m
	-1707 Feb 23 j 21:47	0°♋			-1705 Jul 21 j 14:44	0°♎	
evening rise	-1707 Feb 27 j 13:37	4°♋31'06		morning max el	-1705 Aug 18 j 13:13	23°♎18'16	46°17'28
	-1707 Mar 20 j 06:46	0°♌			-1705 Aug 25 j 05:02	0°♏	
asc. node	-1707 Apr 02 j 22:21	16°♌42'12		asc. node	-1705 Sep 18 j 17:29	26°♏42'56	
	-1707 Apr 13 j 20:17	0°♍			-1705 Sep 21 j 14:20	0°♏	
	-1707 May 08 j 15:11	0°♎			-1705 Oct 16 j 23:50	0°♎	
	-1707 Jun 02 j 17:07	0°♏			-1705 Nov 10 j 12:55	0°♏	
	-1707 Jun 28 j 05:45	0°♏			-1705 Dec 04 j 17:57	0°♍	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1705 Dec 28 j 21:14	0°♊	greatest brilliancy	-1702 Jul 17 j 15:13	15°♌37'45	-4.5m
desc. node	-1704 Jan 08 j 09:01	13°♊01'33	retrograde	-1702 Jul 28 j 19:11	17°♌50'26	
	-1704 Jan 22 j 01:31	0°♋	evening set	-1702 Aug 15 j 15:35	11°♌55'35	
	-1704 Feb 15 j 07:30	0°♌	inferior conj	-1702 Aug 18 j 18:51	10°♌02'15	-8°-49'-21
morning set	-1704 Feb 23 j 00:45	9°♌31'53	minimum elong	-1702 Aug 18 j 17:07	10°♌04'53	8°49'18
	-1704 Mar 10 j 15:12	0°♍	min. Earth dist.	-1702 Aug 19 j 07:32	9°♌42'56	0.27694 AU
			morning rise	-1702 Aug 21 j 18:31	8°♌14'01	
superior conj	-1704 Mar 31 j 20:57	26°♍08'07	direct	-1702 Sep 08 j 21:17	2°♌05'49	
minimum elong	-1704 Apr 01 j 06:06	26°♍36'13	greatest brilliancy	-1702 Sep 22 j 20:59	5°♌39'50	-4.6m
max. Earth dist.	-1704 Apr 01 j 20:35	27°♍20'42	asc. node	-1702 Oct 16 j 05:00	22°♌28'08	
	-1704 Apr 04 j 00:26	0°♎		-1702 Oct 24 j 04:35	0°♏	
	-1704 Apr 28 j 10:52	0°♏	morning max el	-1702 Oct 29 j 15:22	5°♏27'42	46°52'08
asc. node	-1704 Apr 30 j 10:16	2°♏25'21		-1702 Nov 21 j 06:22	0°♐	
evening rise	-1704 May 07 j 12:26	11°♏07'05		-1702 Dec 17 j 01:03	0°♑	
	-1704 May 22 j 22:04	0°♒		-1701 Jan 11 j 01:53	0°♊	
	-1704 Jun 16 j 09:55	0°♓	desc. node	-1701 Feb 04 j 20:55	0°♋01'09	
	-1704 Jul 10 j 23:10	0°♑		-1701 Feb 04 j 20:32	0°♋	
	-1704 Aug 04 j 15:36	0°♒		-1701 Mar 01 j 13:00	0°♌	
desc. node	-1704 Aug 20 j 01:30	18°♒35'16		-1701 Mar 26 j 04:26	0°♍	
	-1704 Aug 29 j 14:06	0°♓		-1701 Apr 19 j 18:46	0°♎	
	-1704 Sep 23 j 23:37	0°♑	morning set	-1701 May 03 j 02:14	16°♎16'04	
	-1704 Oct 20 j 08:44	0°♊		-1701 May 14 j 07:26	0°♏	
evening max el	-1704 Nov 05 j 05:21	16°♊53'35	asc. node	-1701 May 28 j 22:09	17°♏56'05	
	-1704 Nov 18 j 17:11	0°♋	max. Earth dist.	-1701 Jun 05 j 07:31	27°♏01'20	1.73445 AU
asc. node	-1704 Dec 11 j 02:36	16°♋40'22		-1701 Jun 07 j 17:34	0°♒	
greatest brilliancy	-1704 Dec 12 j 20:57	17°♋33'11				
retrograde	-1704 Dec 26 j 08:57	20°♋58'43	superior conj	-1701 Jun 08 j 04:29	0°♒33'34	0°23'55
evening set	-1703 Jan 11 j 18:45	15°♋36'21	minimum elong	-1701 Jun 07 j 23:53	0°♒19'26	0°23'45
min. Earth dist.	-1703 Jan 15 j 07:05	13°♋26'49		-1701 Jul 02 j 00:47	0°♓	
inferior conj	-1703 Jan 16 j 07:46	12°♋47'54	evening rise	-1701 Jul 13 j 21:33	14°♓41'44	
minimum elong	-1703 Jan 15 j 23:21	13°♋01'11		-1701 Jul 26 j 05:36	0°♑	
morning rise	-1703 Jan 20 j 04:23	10°♋24'38		-1701 Aug 19 j 09:27	0°♒	
direct	-1703 Feb 06 j 00:47	4°♋51'05		-1701 Sep 12 j 14:05	0°♓	
greatest brilliancy	-1703 Feb 16 j 16:46	6°♋56'46	desc. node	-1701 Sep 17 j 13:33	6°♓09'40	
	-1703 Mar 21 j 10:59	0°♌		-1701 Oct 06 j 21:06	0°♑	
morning max el	-1703 Mar 27 j 03:43	5°♌21'34		-1701 Oct 31 j 08:35	0°♊	
desc. node	-1703 Apr 01 j 18:24	10°♌51'19		-1701 Nov 25 j 05:12	0°♋	
	-1703 Apr 20 j 04:38	0°♍		-1701 Dec 20 j 22:34	0°♌	
	-1703 May 17 j 05:39	0°♎	asc. node	-1700 Jan 08 j 14:28	20°♌27'33	
	-1703 Jun 12 j 03:24	0°♏	evening max el	-1700 Jan 16 j 11:06	28°♌32'22	46°20'10
	-1703 Jul 07 j 07:59	0°♒		-1700 Jan 17 j 22:18	0°♍	
asc. node	-1703 Jul 23 j 19:50	20°♒00'54	greatest brilliancy	-1700 Feb 20 j 11:34	26°♍31'32	-4.5m
	-1703 Jul 31 j 23:23	0°♓		-1700 Mar 01 j 17:10	0°♎	
	-1703 Aug 25 j 04:35	0°♑	retrograde	-1700 Mar 06 j 05:27	0°♎23'33	
greatest brilliancy	-1703 Sep 04 j 21:07	13°♑02'15		-1700 Mar 10 j 15:23	30°♏♋	
	-1703 Sep 18 j 03:03	0°♒	evening set	-1700 Mar 23 j 03:42	24°♍50'36	
morning set	-1703 Sep 20 j 10:48	2°♒55'20	inferior conj	-1700 Mar 27 j 14:44	22°♍03'43	6°34'39
	-1703 Oct 11 j 22:25	0°♓	minimum elong	-1700 Mar 27 j 23:46	21°♍49'21	6°33'03
			min. Earth dist.	-1700 Mar 27 j 19:09	21°♍56'42	0.29094 AU
superior conj	-1703 Oct 30 j 14:44	23°♓33'09	morning rise	-1700 Apr 01 j 20:02	18°♍50'23	
minimum elong	-1703 Oct 30 j 22:15	23°♓56'49	direct	-1700 Apr 18 j 05:10	13°♍42'38	
max. Earth dist.	-1703 Nov 01 j 11:23	25°♓53'49	desc. node	-1700 Apr 29 j 05:57	15°♍53'42	
	-1703 Nov 04 j 17:32	0°♑	greatest brilliancy	-1700 Apr 30 j 22:02	16°♍33'50	-4.5m
desc. node	-1703 Nov 12 j 11:19	9°♑44'48		-1700 May 21 j 19:52	0°♎	
	-1703 Nov 28 j 14:06	0°♊	morning max el	-1700 Jun 06 j 00:23	13°♎29'57	45°47'22
evening rise	-1703 Dec 11 j 19:52	16°♊36'07		-1700 Jun 22 j 10:54	0°♏	
	-1703 Dec 22 j 12:59	0°♋		-1700 Jul 19 j 19:01	0°♒	
	-1702 Jan 15 j 15:15	0°♌		-1700 Aug 14 j 11:43	0°♓	
	-1702 Feb 08 j 22:49	0°♍	asc. node	-1700 Aug 20 j 07:45	6°♓59'07	
asc. node	-1702 Mar 05 j 12:27	29°♍53'45		-1700 Sep 08 j 06:01	0°♑	
	-1702 Mar 05 j 14:31	0°♎		-1700 Oct 02 j 10:56	0°♒	
	-1702 Mar 30 j 18:19	0°♏		-1700 Oct 26 j 09:06	0°♓	
	-1702 Apr 25 j 16:41	0°♒		-1700 Nov 19 j 05:20	0°♑	
	-1702 May 23 j 01:00	0°♓	morning set	-1700 Dec 05 j 15:24	20°♑38'18	
evening max el	-1702 Jun 09 j 21:01	17°♓58'43	desc. node	-1700 Dec 09 j 23:14	26°♑04'07	
	-1702 Jun 23 j 06:00	0°♑		-1700 Dec 13 j 02:28	0°♊	
desc. node	-1702 Jun 25 j 03:41	1°♑34'01		-1699 Jan 06 j 01:45	0°♋	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1699 Jan 16 j 11:38	12°☿59'14	-1°-13'-12	min. Earth dist.	-1697 Jun 06 j 08:56	28°♄20'13	0.28820 AU
minimum elong	-1699 Jan 16 j 01:46	12°☿28'29	1°13'01	morning rise	-1697 Jun 12 j 02:18	24°♄55'11	
max. Earth dist.	-1699 Jan 20 j 20:21	18°☿25'17	1.72049 AU	direct	-1697 Jun 27 j 16:56	20°♄15'34	
	-1699 Jan 30 j 03:43	0°≈		greatest brilliancy	-1697 Jul 12 j 05:52	23°♄55'20	-4.5m
	-1699 Feb 23 j 08:52	0°✕			-1697 Jul 22 j 13:50	0°♄	
evening rise	-1699 Feb 25 j 03:52	2°✕12'47		morning max el	-1697 Aug 16 j 05:27	21°♄06'20	46°16'14
	-1699 Mar 19 j 17:54	0°♄			-1697 Aug 25 j 00:35	0°♄	
asc. node	-1699 Apr 02 j 00:22	16°♄14'05		asc. node	-1697 Sep 17 j 19:26	26°♄04'56	
	-1699 Apr 13 j 07:36	0°♄			-1697 Sep 21 j 05:16	0°♄	
	-1699 May 08 j 02:55	0°♄			-1697 Oct 16 j 13:00	0°♄	
	-1699 Jun 02 j 05:35	0°♄			-1697 Nov 10 j 01:12	0°♄	
	-1699 Jun 27 j 19:33	0°♄			-1697 Dec 04 j 05:45	0°♄	
desc. node	-1699 Jul 22 j 15:35	28°♄13'25			-1697 Dec 28 j 08:44	0°♄	
	-1699 Jul 24 j 06:01	0°♄		desc. node	-1696 Jan 07 j 11:11	12°♄32'59	
	-1699 Aug 21 j 15:48	0°♄			-1696 Jan 21 j 12:46	0°♄	
evening max el	-1699 Aug 22 j 08:31	0°♄41'14	46°54'50		-1696 Feb 14 j 18:32	0°≈	
	-1699 Sep 29 j 06:50	0°♄		morning set	-1696 Feb 20 j 14:40	7°≈12'47	
greatest brilliancy	-1699 Sep 30 j 18:38	0°♄36'19	-4.7m		-1696 Mar 10 j 02:03	0°✕	
retrograde	-1699 Oct 11 j 13:08	2°♄46'06					
	-1699 Oct 23 j 07:13	30°♄		superior conj	-1696 Mar 29 j 13:45	23°♄59'07	-1°-4'-13
evening set	-1699 Oct 26 j 10:55	28°♄25'00		minimum elong	-1696 Mar 29 j 22:53	24°♄27'12	1°03'57
inferior conj	-1699 Nov 01 j 02:22	25°♄06'12	-2°-57'-29	max. Earth dist.	-1696 Mar 30 j 16:57	25°♄22'44	1.73475 AU
minimum elong	-1699 Nov 01 j 08:50	24°♄56'21	2°55'31		-1696 Apr 03 j 11:11	0°♄	
min. Earth dist.	-1699 Nov 01 j 04:15	25°♄03'19	0.26341 AU		-1696 Apr 27 j 21:38	0°♄	
morning rise	-1699 Nov 07 j 06:37	21°♄30'11		asc. node	-1696 Apr 29 j 12:19	1°♄58'37	
asc. node	-1699 Nov 12 j 16:46	19°♄04'25		evening rise	-1696 May 05 j 07:05	9°♄04'05	
direct	-1699 Nov 21 j 08:47	17°♄31'28			-1696 May 22 j 08:58	0°♄	
greatest brilliancy	-1699 Dec 03 j 10:14	20°♄14'34	-4.7m		-1696 Jun 15 j 21:05	0°♄	
	-1699 Dec 19 j 04:36	0°♄			-1696 Jul 10 j 10:45	0°♄	
morning max el	-1698 Jan 10 j 16:18	20°♄20'02	46°41'12		-1696 Aug 04 j 03:50	0°♄	
	-1698 Jan 20 j 01:41	0°♄		desc. node	-1696 Aug 19 j 03:35	18°♄03'07	
	-1698 Feb 16 j 09:06	0°♄			-1696 Aug 29 j 03:17	0°♄	
desc. node	-1698 Mar 04 j 08:48	18°♄18'25			-1696 Sep 23 j 14:26	0°♄	
	-1698 Mar 14 j 10:21	0°≈			-1696 Oct 20 j 02:57	0°♄	
	-1698 Apr 08 j 22:06	0°✕		evening max el	-1696 Nov 02 j 21:09	14°♄34'54	47°27'21
	-1698 May 04 j 01:39	0°♄			-1696 Nov 18 j 23:16	0°♄	
	-1698 May 28 j 22:32	0°♄		asc. node	-1696 Dec 10 j 04:43	15°♄03'20	
	-1698 Jun 22 j 12:52	0°♄		greatest brilliancy	-1696 Dec 10 j 12:38	15°♄12'47	-4.7m
asc. node	-1698 Jun 25 j 10:06	3°♄32'24		retrograde	-1696 Dec 24 j 00:30	18°♄37'42	
morning set	-1698 Jul 09 j 07:10	20°♄38'07		evening set	-1695 Jan 09 j 06:04	13°♄20'34	
	-1698 Jul 16 j 20:44	0°♄		min. Earth dist.	-1695 Jan 12 j 20:42	11°♄07'47	0.27629 AU
	-1698 Aug 09 j 23:06	0°♄		inferior conj	-1695 Jan 13 j 22:16	10°♄27'33	7°17'12
max. Earth dist.	-1698 Aug 11 j 08:47	1°♄45'15	1.71959 AU	minimum elong	-1695 Jan 13 j 13:27	10°♄41'26	7°15'45
				morning rise	-1695 Jan 17 j 21:22	8°♄01'00	
superior conj	-1698 Aug 15 j 04:07	6°♄30'50	1°23'29	direct	-1695 Feb 03 j 15:08	2°♄32'00	
minimum elong	-1698 Aug 15 j 01:28	6°♄22'34	1°23'30	greatest brilliancy	-1695 Feb 14 j 05:22	4°♄36'48	-4.6m
	-1698 Sep 02 j 21:57	0°♄			-1695 Mar 21 j 11:56	0°≈	
evening rise	-1698 Sep 22 j 16:43	24°♄50'00		morning max el	-1695 Mar 24 j 19:12	3°≈08'27	46°01'18
	-1698 Sep 26 j 19:32	0°♄		desc. node	-1695 Mar 31 j 20:22	10°≈04'45	
desc. node	-1698 Oct 15 j 01:30	22°♄53'19			-1695 Apr 19 j 21:05	0°✕	
	-1698 Oct 20 j 17:44	0°♄			-1695 May 16 j 19:17	0°♄	
	-1698 Nov 13 j 17:51	0°♄			-1695 Jun 11 j 15:41	0°♄	
	-1698 Dec 07 j 21:19	0°♄			-1695 Jul 06 j 19:33	0°♄	
	-1697 Jan 01 j 07:03	0°≈		asc. node	-1695 Jul 22 j 21:56	19°♄32'53	
	-1697 Jan 26 j 04:49	0°✕			-1695 Jul 31 j 10:34	0°♄	
asc. node	-1697 Feb 05 j 02:27	11°♄39'32			-1695 Aug 24 j 15:35	0°♄	
	-1697 Feb 21 j 01:31	0°♄		greatest brilliancy	-1695 Sep 05 j 18:23	15°♄09'24	-3.9m
	-1697 Mar 20 j 23:02	0°♄			-1695 Sep 17 j 13:59	0°♄	
evening max el	-1697 Mar 28 j 04:32	7°♄07'09	45°17'40	morning set	-1695 Sep 18 j 00:06	0°♄31'47	
	-1697 Apr 25 j 11:32	0°♄			-1695 Oct 11 j 09:21	0°♄	
greatest brilliancy	-1697 May 01 j 13:12	3°♄12'46	-4.5m				
retrograde	-1697 May 15 j 14:24	6°♄38'55		superior conj	-1695 Oct 28 j 00:48	20°♄59'09	0°33'26
desc. node	-1697 May 27 j 17:56	3°♄46'26		minimum elong	-1695 Oct 28 j 09:02	21°♄25'07	0°33'03
evening set	-1697 May 30 j 13:39	2°♄21'52		max. Earth dist.	-1695 Oct 29 j 18:22	23°♄10'07	1.70949 AU
	-1697 Jun 03 j 16:05	30°♄			-1695 Nov 04 j 04:29	0°♄	
inferior conj	-1697 Jun 06 j 00:53	28°♄32'41	-2°-8'-51	desc. node	-1695 Nov 11 j 13:30	9°♄17'14	
minimum elong	-1697 Jun 05 j 20:14	28°♄39'54	2°07'31		-1695 Nov 28 j 01:03	0°♄	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

inferior conj	-1679 Jan 09 j 02:51	5°☾43'47	6°53'17	superior conj	-1677 Jun 01 j 13:00	24°☿25'16	0°14'56
minimum elong	-1679 Jan 08 j 17:29	5°☾58'34	6°51'31	minimum elong	-1677 Jun 01 j 10:03	24°☿16'14	0°14'50
morning rise	-1679 Jan 13 j 07:07	3°☾09'50		behind sun begin	-1677 Jun 01 j 02:19	23°☿52'26	
	-1679 Jan 19 j 12:39	30°☿☾		behind sun end	-1677 Jun 01 j 17:47	24°☿40'01	
direct	-1679 Jan 29 j 19:07	27°☿☾51'22			-1677 Jun 06 j 01:48	0°☿	
greatest brilliancy	-1679 Feb 09 j 05:48	29°☿☾53'15	-4.6m		-1677 Jun 30 j 09:15	0°☿	
	-1679 Feb 09 j 12:59	0°☿		evening rise	-1677 Jul 07 j 04:57	8°☿26'14	
morning max el	-1679 Mar 19 j 23:27	28°☿34'09	46°03'37		-1677 Jul 24 j 14:40	0°☿	
	-1679 Mar 21 j 10:52	0°☿			-1677 Aug 17 j 19:23	0°☿	
desc. node	-1679 Mar 30 j 00:41	8°☿☾33'50			-1677 Sep 11 j 01:06	0°☿	
	-1679 Apr 19 j 05:25	0°☿		desc. node	-1677 Sep 14 j 19:48	4°☿40'01	
	-1679 May 15 j 22:27	0°☿			-1677 Oct 05 j 09:31	0°☿	
	-1679 Jun 10 j 16:21	0°☿			-1677 Oct 29 j 23:01	0°☿	
	-1679 Jul 05 j 18:53	0°☿			-1677 Nov 23 j 23:00	0°☿	
asc. node	-1679 Jul 21 j 02:10	18°☿☾36'11			-1677 Dec 19 j 23:25	0°☿	
	-1679 Jul 30 j 09:10	0°☿		asc. node	-1676 Jan 05 j 20:49	18°☿☾10'13	
	-1679 Aug 23 j 13:51	0°☿		evening max el	-1676 Jan 09 j 05:50	21°☿☾36'25	46°28'52
greatest brilliancy	-1679 Sep 06 j 22:41	17°☿☾58'58	-3.9m		-1676 Jan 17 j 20:58	0°☿	
morning set	-1679 Sep 13 j 03:11	25°☿☾45'20		greatest brilliancy	-1676 Feb 13 j 14:19	20°☿☾02'06	-4.6m
	-1679 Sep 16 j 12:11	0°☿		retrograde	-1676 Feb 28 j 07:21	23°☿☾56'00	
	-1679 Oct 10 j 07:37	0°☿		evening set	-1676 Mar 16 j 13:20	18°☿☾11'02	
				inferior conj	-1676 Mar 20 j 16:58	15°☿☾35'30	7°08'32
superior conj	-1679 Oct 22 j 21:02	15°☿☾50'10	0°40'32	minimum elong	-1676 Mar 21 j 01:18	15°☿☾22'14	7°07'16
minimum elong	-1679 Oct 23 j 06:31	16°☿☾20'01	0°40'06	min. Earth dist.	-1676 Mar 20 j 19:37	15°☿☾31'16	0.29046 AU
max. Earth dist.	-1679 Oct 23 j 23:35	17°☿☾13'48	1.70951 AU	morning rise	-1676 Mar 25 j 13:23	12°☿☾34'52	
	-1679 Nov 03 j 02:51	0°☿		direct	-1676 Apr 11 j 04:33	7°☿☾15'03	
desc. node	-1679 Nov 09 j 17:36	8°☿☾19'38		greatest brilliancy	-1676 Apr 23 j 18:49	10°☿☾02'38	-4.5m
	-1679 Nov 26 j 23:30	0°☿		desc. node	-1676 Apr 26 j 12:15	11°☿☾16'53	
evening rise	-1679 Dec 04 j 00:10	8°☿☾48'51			-1676 May 22 j 09:50	0°☿	
	-1679 Dec 20 j 22:30	0°☿		morning max el	-1676 May 29 j 23:27	6°☿☾58'59	45°46'43
	-1678 Jan 14 j 01:03	0°☿			-1676 Jun 21 j 14:06	0°☿	
	-1678 Feb 07 j 09:13	0°☿			-1676 Jul 18 j 12:42	0°☿	
asc. node	-1678 Mar 02 j 18:44	28°☿☾25'26			-1676 Aug 13 j 01:19	0°☿	
	-1678 Mar 04 j 02:10	0°☿		asc. node	-1676 Aug 17 j 14:04	5°☿☾26'40	
	-1678 Mar 29 j 08:28	0°☿			-1676 Sep 06 j 17:38	0°☿	
	-1678 Apr 24 j 11:59	0°☿			-1676 Sep 30 j 21:32	0°☿	
	-1678 May 22 j 08:42	0°☿			-1676 Oct 24 j 19:08	0°☿	
evening max el	-1678 Jun 02 j 14:34	11°☿☾07'39	45°29'32		-1676 Nov 17 j 15:00	0°☿	
desc. node	-1678 Jun 22 j 09:59	28°☿☾14'28		morning set	-1676 Nov 27 j 20:15	12°☿☾51'13	
	-1678 Jun 24 j 19:43	0°☿		desc. node	-1676 Dec 07 j 05:31	24°☿☾38'53	
greatest brilliancy	-1678 Jul 10 j 03:21	8°☿☾38'08	-4.5m		-1676 Dec 11 j 11:51	0°☿	
retrograde	-1678 Jul 21 j 09:45	10°☿☾53'45			-1675 Jan 04 j 10:54	0°☿	
evening set	-1678 Aug 08 j 01:13	5°☿☾09'20					
inferior conj	-1678 Aug 11 j 12:26	3°☿☾04'10	-8°-38'-18	superior conj	-1675 Jan 08 j 21:04	5°☿☾31'28	-1°-6'-47
minimum elong	-1678 Aug 11 j 08:06	3°☿☾10'47	8°38'01	minimum elong	-1675 Jan 08 j 09:54	4°☿☾56'38	1°06'31
min. Earth dist.	-1678 Aug 12 j 00:27	2°☿☾45'47	0.27850 AU	max. Earth dist.	-1675 Jan 13 j 01:27	10°☿☾44'35	1.71875 AU
morning rise	-1678 Aug 14 j 14:45	1°☿☾11'26			-1675 Jan 28 j 12:40	0°☿	
	-1678 Aug 16 j 15:58	30°☿☾		evening rise	-1675 Feb 17 j 22:03	25°☿☾16'50	
direct	-1678 Sep 01 j 15:48	25°☿☾04'58			-1675 Feb 21 j 17:43	0°☿	
greatest brilliancy	-1678 Sep 15 j 19:16	28°☿☾40'29	-4.6m		-1675 Mar 18 j 02:57	0°☿	
	-1678 Sep 18 j 09:22	0°☿		asc. node	-1675 Mar 30 j 06:39	14°☿☾51'25	
asc. node	-1678 Oct 13 j 11:20	19°☿☾28'34			-1675 Apr 11 j 17:21	0°☿	
morning max el	-1678 Oct 22 j 06:12	28°☿☾07'38	46°50'13		-1675 May 06 j 14:06	0°☿	
	-1678 Oct 24 j 01:59	0°☿			-1675 May 31 j 19:17	0°☿	
	-1678 Nov 20 j 07:57	0°☿			-1675 Jun 26 j 13:43	0°☿	
	-1678 Dec 15 j 19:25	0°☿		desc. node	-1675 Jul 19 j 21:53	26°☿☾13'21	
	-1677 Jan 09 j 16:29	0°☿			-1675 Jul 23 j 09:04	0°☿	
desc. node	-1677 Feb 02 j 03:13	28°☿☾29'59		evening max el	-1675 Aug 14 j 22:41	23°☿☾26'20	46°46'47
	-1677 Feb 03 j 08:48	0°☿			-1675 Aug 21 j 19:34	0°☿	
	-1677 Feb 27 j 23:41	0°☿		greatest brilliancy	-1675 Sep 23 j 09:13	23°☿☾09'23	-4.7m
	-1677 Mar 24 j 13:59	0°☿		retrograde	-1675 Oct 04 j 01:38	25°☿☾16'41	
	-1677 Apr 18 j 03:34	0°☿		evening set	-1675 Oct 19 j 06:21	20°☿☾44'44	
morning set	-1677 Apr 26 j 09:37	10°☿☾05'33		inferior conj	-1675 Oct 24 j 14:16	17°☿☾37'05	-4°-5'-36
	-1677 May 12 j 15:46	0°☿		minimum elong	-1675 Oct 24 j 22:48	17°☿☾24'09	4°03'08
asc. node	-1677 May 26 j 04:29	16°☿☾36'27		min. Earth dist.	-1675 Oct 24 j 20:00	17°☿☾28'24	0.26395 AU
max. Earth dist.	-1677 May 29 j 20:20	21°☿☾06'26	1.73536 AU	morning rise	-1675 Oct 30 j 15:06	14°☿☾06'46	
				asc. node	-1675 Nov 09 j 23:07	10°☿☾20'43	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1675 Nov 13 j 22:04	10°♄01'08		greatest brilliancy	-1672 May 04 j 10:34	10°♄01'56	-3.9m
greatest brilliancy	-1675 Nov 26 j 06:03	12°♄52'50	-4.7m		-1672 May 20 j 17:55	0°♄	
	-1675 Dec 20 j 15:51	0°♄			-1672 Jun 14 j 06:53	0°♄	
morning max el	-1674 Jan 03 j 10:39	13°♄09'41	46°44'48		-1672 Jul 08 j 21:58	0°♄	
	-1674 Jan 19 j 11:40	0°♄			-1672 Aug 02 j 17:13	0°♄	
	-1674 Feb 15 j 06:34	0°♄		desc. node	-1672 Aug 16 j 09:49	16°♄24'48	
desc. node	-1674 Mar 01 j 15:04	16°♄35'52			-1672 Aug 27 j 20:00	0°♄	
	-1674 Mar 13 j 02:05	0°♄			-1672 Sep 22 j 12:46	0°♄	
	-1674 Apr 07 j 10:37	0°♄			-1672 Oct 19 j 13:29	0°♄	
	-1674 May 02 j 12:11	0°♄		evening max el	-1672 Oct 26 j 19:31	7°♄33'03	47°28'55
	-1674 May 27 j 07:53	0°♄			-1672 Nov 20 j 12:15	0°♄	
	-1674 Jun 20 j 21:37	0°♄		greatest brilliancy	-1672 Dec 03 j 16:56	8°♄13'59	-4.7m
asc. node	-1674 Jun 22 j 16:25	2°♄11'23		asc. node	-1672 Dec 07 j 11:03	9°♄45'58	
morning set	-1674 Jul 02 j 12:16	14°♄17'04		retrograde	-1672 Dec 16 j 21:03	11°♄28'42	
	-1674 Jul 15 j 05:17	0°♄		evening set	-1671 Jan 01 j 15:43	6°♄28'50	
max. Earth dist.	-1674 Aug 04 j 06:21	24°♄56'02	1.72132 AU	min. Earth dist.	-1671 Jan 05 j 14:53	4°♄03'32	0.27400 AU
				inferior conj	-1671 Jan 06 j 17:08	3°♄22'13	6°40'02
superior conj	-1674 Aug 08 j 04:50	29°♄50'50	1°21'28	minimum elong	-1671 Jan 06 j 07:33	3°♄37'18	6°38'08
minimum elong	-1674 Aug 08 j 00:11	29°♄36'21	1°21'25	morning rise	-1671 Jan 11 j 00:02	0°♄44'16	
	-1674 Aug 08 j 07:46	0°♄			-1671 Jan 12 j 07:01	30°♄	
	-1674 Sep 01 j 06:54	0°♄		direct	-1671 Jan 27 j 08:27	25°♄31'03	
evening rise	-1674 Sep 15 j 06:09	17°♄31'08		greatest brilliancy	-1671 Feb 06 j 19:23	27°♄32'46	-4.6m
	-1674 Sep 25 j 04:58	0°♄			-1671 Feb 12 j 06:55	0°♄	
desc. node	-1674 Oct 12 j 07:46	21°♄26'49		morning max el	-1671 Mar 17 j 12:41	26°♄14'34	46°04'49
	-1674 Oct 19 j 03:45	0°♄			-1671 Mar 21 j 08:53	0°♄	
	-1674 Nov 12 j 04:32	0°♄		desc. node	-1671 Mar 29 j 02:40	7°♄49'02	
	-1674 Dec 06 j 08:49	0°♄			-1671 Apr 18 j 21:10	0°♄	
	-1674 Dec 30 j 19:54	0°♄			-1671 May 15 j 11:50	0°♄	
	-1673 Jan 24 j 20:18	0°♄			-1671 Jun 10 j 04:33	0°♄	
asc. node	-1673 Feb 02 j 08:45	9°♄58'15			-1671 Jul 05 j 06:26	0°♄	
	-1673 Feb 19 j 22:53	0°♄		asc. node	-1671 Jul 20 j 04:14	18°♄07'55	
	-1673 Mar 20 j 13:07	0°♄			-1671 Jul 29 j 20:23	0°♄	
evening max el	-1673 Mar 21 j 06:02	0°♄40'47	45°21'10		-1671 Aug 23 j 00:55	0°♄	
greatest brilliancy	-1673 Apr 24 j 10:18	26°♄43'45	-4.5m	greatest brilliancy	-1671 Sep 07 j 09:08	19°♄12'22	-3.9m
	-1673 May 05 j 05:22	0°♄		morning set	-1671 Sep 10 j 16:51	23°♄22'41	
retrograde	-1673 May 08 j 15:30	0°♄13'12			-1671 Sep 15 j 23:14	0°♄	
	-1673 May 12 j 00:11	30°♄			-1671 Oct 09 j 18:41	0°♄	
evening set	-1673 May 23 j 14:19	25°♄56'05					
desc. node	-1673 May 25 j 00:13	25°♄08'56		superior conj	-1671 Oct 20 j 07:36	13°♄17'16	0°43'55
inferior conj	-1673 May 30 j 01:31	22°♄05'22	-1°-10'-28	minimum elong	-1671 Oct 20 j 17:33	13°♄48'40	0°43'28
minimum elong	-1673 May 29 j 22:57	22°♄09'23	1°09'43	max. Earth dist.	-1671 Oct 21 j 01:44	14°♄14'26	1.70955 AU
min. Earth dist.	-1673 May 30 j 09:26	21°♄53'04	0.28886 AU		-1671 Nov 02 j 13:58	0°♄	
morning rise	-1673 Jun 05 j 07:17	18°♄21'24		desc. node	-1671 Nov 08 j 19:46	7°♄51'29	
direct	-1673 Jun 20 j 19:29	13°♄47'26			-1671 Nov 26 j 10:38	0°♄	
greatest brilliancy	-1673 Jul 05 j 03:15	17°♄22'03	-4.5m	evening rise	-1671 Dec 01 j 09:44	6°♄13'28	
	-1673 Jul 24 j 04:53	0°♄			-1671 Dec 20 j 09:41	0°♄	
morning max el	-1673 Aug 09 j 05:05	14°♄28'46	46°11'46		-1670 Jan 13 j 12:21	0°♄	
	-1673 Aug 24 j 08:16	0°♄			-1670 Feb 06 j 20:45	0°♄	
asc. node	-1673 Sep 15 j 01:45	24°♄13'21		asc. node	-1670 Mar 01 j 20:41	27°♄55'20	
	-1673 Sep 20 j 01:19	0°♄			-1670 Mar 03 j 14:10	0°♄	
	-1673 Oct 15 j 04:21	0°♄			-1670 Mar 28 j 21:22	0°♄	
	-1673 Nov 08 j 14:13	0°♄			-1670 Apr 24 j 02:49	0°♄	
	-1673 Dec 02 j 17:24	0°♄			-1670 May 22 j 04:22	0°♄	
	-1673 Dec 26 j 19:26	0°♄		evening max el	-1670 May 31 j 04:05	8°♄50'02	45°27'53
desc. node	-1672 Jan 04 j 17:27	11°♄05'51		desc. node	-1670 Jun 21 j 12:08	27°♄04'26	
	-1672 Jan 19 j 22:39	0°♄			-1670 Jun 25 j 17:41	0°♄	
morning set	-1672 Feb 13 j 07:59	0°♄13'07		greatest brilliancy	-1670 Jul 07 j 13:51	6°♄17'03	-4.5m
	-1672 Feb 13 j 03:44	0°♄		retrograde	-1670 Jul 18 j 23:21	8°♄35'57	
	-1672 Mar 08 j 10:46	0°♄		evening set	-1670 Aug 05 j 11:59	2°♄55'16	
				inferior conj	-1670 Aug 09 j 02:29	0°♄45'29	-8°-32'-46
superior conj	-1672 Mar 22 j 16:04	17°♄30'52	-1°-10'-10	minimum elong	-1670 Aug 08 j 21:23	0°♄53'16	8°32'23
minimum elong	-1672 Mar 23 j 00:48	17°♄57'45	1°09'57	min. Earth dist.	-1670 Aug 09 j 14:11	0°♄27'36	0.27903 AU
max. Earth dist.	-1672 Mar 24 j 10:29	19°♄41'22	1.73375 AU		-1670 Aug 10 j 08:17	30°♄	
	-1672 Apr 01 j 19:41	0°♄		morning rise	-1670 Aug 12 j 06:31	28°♄50'19	
	-1672 Apr 26 j 06:11	0°♄		direct	-1670 Aug 30 j 06:09	22°♄45'05	
asc. node	-1672 Apr 26 j 18:38	0°♄38'09		greatest brilliancy	-1670 Sep 13 j 12:17	26°♄23'23	-4.6m
evening rise	-1672 Apr 28 j 15:09	2°♄54'38			-1670 Sep 19 j 22:58	0°♄	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1670 Oct 12 j 13:27	18°03'21"		-1667 Apr 11 j 04:49	0°08'	
morning max el	-1670 Oct 19 j 20:32	25°04'36"	46°49'32"	-1667 May 06 j 02:05	0°02'	
	-1670 Oct 23 j 23:25	0°07'		-1667 May 31 j 08:12	0°08'	
	-1670 Nov 20 j 00:00	0°01'		-1667 Jun 26 j 04:16	0°01'	
	-1670 Dec 15 j 09:19	0°03'		desc. node	-1667 Jul 18 j 23:53	25°03'37"
	-1669 Jan 09 j 05:15	0°07'			-1667 Jul 23 j 03:01	0°07'
desc. node	-1669 Feb 01 j 05:15	27°07'59"23		evening max el	-1667 Aug 12 j 13:00	21°05'04" 46°43'59"
	-1669 Feb 02 j 20:51	0°01'			-1667 Aug 21 j 23:58	0°01'
	-1669 Feb 27 j 11:15	0°02'		greatest brilliancy	-1667 Sep 20 j 21:45	20°04'00" -4.6m
	-1669 Mar 24 j 01:13	0°04'		retrograde	-1667 Oct 01 j 13:49	22°04'10"
	-1669 Apr 17 j 14:34	0°09'		evening set	-1667 Oct 16 j 21:09	18°01'42"
morning set	-1669 Apr 24 j 03:57	8°01'18"		inferior conj	-1667 Oct 22 j 02:12	15°06'47" -4°-27'-13"
	-1669 May 12 j 02:39	0°08'		minimum elong	-1667 Oct 22 j 11:18	14°05'25" 4°24'40"
asc. node	-1669 May 25 j 06:39	16°09'45"		min. Earth dist.	-1667 Oct 22 j 08:51	14°05'41" 0.26419 AU
max. Earth dist.	-1669 May 27 j 18:55	19°04'56"	1.73563 AU	morning rise	-1667 Oct 28 j 01:19	11°03'49"
				asc. node	-1667 Nov 09 j 01:16	7°03'56"
superior conj	-1669 May 30 j 07:46	22°08'22"00	0°11'54"	direct	-1667 Nov 11 j 11:03	7°03'43"
minimum elong	-1669 May 30 j 05:24	22°08'14"45	0°11'49"	greatest brilliancy	-1667 Nov 23 j 19:15	10°02'30" -4.7m
behind sun begin	-1669 May 29 j 14:30	21°08'28"55			-1667 Dec 20 j 22:17	0°03'
behind sun end	-1669 May 30 j 20:19	23°08'00"36		morning max el	-1666 Jan 01 j 00:30	10°04'43" 46°45'43"
	-1669 Jun 05 j 12:39	0°02'			-1666 Jan 19 j 06:17	0°07'
	-1669 Jun 29 j 20:12	0°08'			-1666 Feb 14 j 21:36	0°01'
evening rise	-1669 Jul 04 j 23:35	6°02'12"27		desc. node	-1666 Feb 28 j 17:02	16°00'57"
	-1669 Jul 24 j 01:49	0°01'			-1666 Mar 12 j 15:23	0°02'
	-1669 Aug 17 j 06:50	0°07'			-1666 Apr 06 j 22:53	0°04'
	-1669 Sep 10 j 12:57	0°01'			-1666 May 01 j 23:50	0°09'
desc. node	-1669 Sep 13 j 21:48	4°09'21"			-1666 May 26 j 19:10	0°08'
	-1669 Oct 04 j 21:54	0°03'			-1666 Jun 20 j 08:42	0°02'
	-1669 Oct 29 j 12:09	0°07'		asc. node	-1666 Jun 21 j 18:28	1°04'41"
	-1669 Nov 23 j 13:23	0°01'		morning set	-1666 Jun 30 j 06:11	12°01'20"
	-1669 Dec 19 j 16:29	0°02'			-1666 Jul 14 j 16:20	0°08'
asc. node	-1668 Jan 04 j 22:57	17°02'22"42		max. Earth dist.	-1666 Aug 01 j 18:49	22°03'42" 1.72193 AU
evening max el	-1668 Jan 06 j 21:18	19°02'20"16	46°31'55"			
	-1668 Jan 17 j 23:06	0°04'		superior conj	-1666 Aug 05 j 21:25	27°03'38"12" 1°20'32"
greatest brilliancy	-1668 Feb 11 j 06:17	17°05'50"27	-4.6m	minimum elong	-1666 Aug 05 j 16:11	27°02'15"2" 1°20'29"
retrograde	-1668 Feb 26 j 00:45	21°04'46"12			-1666 Aug 07 j 18:51	0°01'
evening set	-1668 Mar 14 j 08:22	15°05'57"11			-1666 Aug 31 j 18:07	0°07'
inferior conj	-1668 Mar 18 j 09:38	13°05'25"17	7°18'34"	evening rise	-1666 Sep 12 j 18:56	15°05'14"
minimum elong	-1668 Mar 18 j 17:39	13°05'12"32	7°17'27"		-1666 Sep 24 j 16:20	0°01'
min. Earth dist.	-1668 Mar 18 j 11:08	13°05'22"53	0.29027 AU	desc. node	-1666 Oct 11 j 09:55	20°05'33"
morning rise	-1668 Mar 23 j 03:05	10°05'29"17			-1666 Oct 18 j 15:20	0°03'
direct	-1668 Apr 08 j 20:44	5°05'05"08			-1666 Nov 11 j 16:19	0°07'
greatest brilliancy	-1668 Apr 21 j 09:19	7°05'11"27	-4.5m		-1666 Dec 05 j 20:56	0°01'
desc. node	-1668 Apr 25 j 14:26	9°05'50"30			-1666 Dec 30 j 08:31	0°02'
	-1668 May 22 j 11:24	0°09'			-1665 Jan 24 j 09:55	0°04'
morning max el	-1668 May 27 j 16:40	4°05'52"03	45°46'32"	asc. node	-1665 Feb 01 j 10:43	9°02'25"59"
	-1668 Jun 21 j 06:40	0°08'			-1665 Feb 19 j 14:44	0°09'
	-1668 Jul 18 j 02:30	0°02'		evening max el	-1665 Mar 18 j 21:50	28°02'29"23" 45°22'28"
	-1668 Aug 12 j 13:53	0°08'			-1665 Mar 20 j 11:42	0°08'
asc. node	-1668 Aug 16 j 16:03	4°05'55"12		greatest brilliancy	-1665 Apr 22 j 02:16	24°03'34"39" -4.5m
	-1668 Sep 06 j 05:35	0°01'		retrograde	-1665 May 06 j 07:10	28°04'25"
	-1668 Sep 30 j 09:10	0°07'		evening set	-1665 May 21 j 06:57	23°04'46"52"
	-1668 Oct 24 j 06:36	0°01'		desc. node	-1665 May 24 j 02:17	22°08'10"51"
	-1668 Nov 17 j 02:22	0°03'		inferior conj	-1665 May 27 j 17:53	19°05'56"18" 0°-50'-58"
morning set	-1668 Nov 25 j 05:53	10°03'14"55		minimum elong	-1665 May 27 j 16:01	19°05'59"13" 0°50'25"
desc. node	-1668 Dec 06 j 07:37	24°03'09"52		min. Earth dist.	-1665 May 28 j 02:14	19°04'31"16" 0.28904 AU
	-1668 Dec 10 j 23:10	0°07'		morning rise	-1665 Jun 03 j 00:44	16°08'10"18"
	-1667 Jan 03 j 22:10	0°01'		direct	-1665 Jun 18 j 11:51	11°03'38"05"
				greatest brilliancy	-1665 Jul 02 j 17:51	15°08'10"00" -4.5m
superior conj	-1667 Jan 06 j 07:41	2°03'59"41	-1°-4'-21"		-1665 Jul 24 j 11:53	0°02'
minimum elong	-1667 Jan 05 j 20:17	2°03'24"04	1°04'02"	morning max el	-1665 Aug 06 j 19:34	12°01'23"34" 46°10'17"
max. Earth dist.	-1667 Jan 10 j 11:27	8°03'11"06	1.71821 AU		-1665 Aug 24 j 02:06	0°08'
	-1667 Jan 27 j 23:51	0°02'		asc. node	-1665 Sep 14 j 03:54	23°03'36"23"
evening rise	-1667 Feb 15 j 11:50	22°02'56"38			-1665 Sep 19 j 15:51	0°01'
	-1667 Feb 21 j 04:51	0°04'			-1665 Oct 14 j 17:30	0°07'
	-1667 Mar 17 j 14:09	0°09'			-1665 Nov 08 j 02:40	0°01'
asc. node	-1667 Mar 29 j 08:48	14°02'23"26			-1665 Dec 02 j 05:25	0°03'

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1665 Dec 26 j 07:07	0°♊		evening max el	-1662 May 28 j 18:24	6°♊34'22	45°26'22
desc. node	-1664 Jan 03 j 19:29	10°♊36'07		desc. node	-1662 Jun 20 j 14:11	25°♊52'03	
	-1664 Jan 19 j 10:05	0°♊			-1662 Jun 26 j 23:58	0°♊	
morning set	-1664 Feb 10 j 21:07	27°♊50'31		greatest brilliancy	-1662 Jul 04 j 23:39	3°♊55'28	-4.5m
	-1664 Feb 12 j 14:58	0°♊		retrograde	-1662 Jul 16 j 13:29	6°♊18'28	
	-1664 Mar 07 j 21:52	0°♊		evening set	-1662 Aug 02 j 22:36	0°♊41'49	
					-1662 Aug 04 j 03:05	30°♊	
superior conj	-1664 Mar 20 j 08:26	15°♊19'32	-1°-11'-58	inferior conj	-1662 Aug 06 j 16:34	28°♊27'06	-8°-26'-27
minimum elong	-1664 Mar 20 j 16:56	15°♊45'40	1°11'47	minimum elong	-1662 Aug 06 j 10:43	28°♊36'02	8°25'57
max. Earth dist.	-1664 Mar 22 j 06:03	17°♊39'52	1.73336 AU	min. Earth dist.	-1662 Aug 07 j 03:34	28°♊10'20	0.27953 AU
	-1664 Apr 01 j 06:43	0°♊		morning rise	-1662 Aug 09 j 22:35	26°♊29'12	
asc. node	-1664 Apr 25 j 20:49	0°♊11'00		direct	-1662 Aug 27 j 21:06	20°♊25'48	
	-1664 Apr 25 j 17:14	0°♊		greatest brilliancy	-1662 Sep 11 j 04:45	24°♊06'15	-4.6m
evening rise	-1664 Apr 26 j 09:27	0°♊49'45			-1662 Sep 21 j 01:12	0°♊	
greatest brilliancy	-1664 May 05 j 18:11	12°♊18'23	-3.9m	asc. node	-1662 Oct 11 j 15:39	17°♊35'52	
	-1664 May 20 j 05:05	0°♊		morning max el	-1662 Oct 17 j 11:29	23°♊23'40	46°48'43
	-1664 Jun 13 j 18:20	0°♊			-1662 Oct 23 j 20:01	0°♊	
	-1664 Jul 08 j 09:55	0°♊			-1662 Nov 19 j 15:44	0°♊	
	-1664 Aug 02 j 05:57	0°♊			-1662 Dec 14 j 23:06	0°♊	
desc. node	-1664 Aug 15 j 11:49	15°♊51'06			-1661 Jan 08 j 17:59	0°♊	
	-1664 Aug 27 j 09:57	0°♊		desc. node	-1661 Jan 31 j 07:18	27°♊28'44	
	-1664 Sep 22 j 04:51	0°♊			-1661 Feb 02 j 08:54	0°♊	
	-1664 Oct 19 j 10:25	0°♊			-1661 Feb 26 j 22:49	0°♊	
evening max el	-1664 Oct 24 j 09:17	5°♊07'18	47°29'08		-1661 Mar 23 j 12:25	0°♊	
	-1664 Nov 21 j 10:16	0°♊			-1661 Apr 17 j 01:31	0°♊	
greatest brilliancy	-1664 Dec 01 j 10:11	5°♊52'30	-4.7m	morning set	-1661 Apr 21 j 22:00	5°♊56'16	
asc. node	-1664 Dec 06 j 13:07	7°♊50'26			-1661 May 11 j 13:27	0°♊	
retrograde	-1664 Dec 14 j 10:57	9°♊03'59		asc. node	-1661 May 24 j 08:40	15°♊42'42	
evening set	-1664 Dec 30 j 02:40	4°♊09'29		max. Earth dist.	-1661 May 25 j 18:18	17°♊26'04	1.73588 AU
min. Earth dist.	-1663 Jan 03 j 05:20	1°♊39'29	0.27326 AU				
inferior conj	-1663 Jan 04 j 07:08	0°♊58'54	6°25'57	superior conj	-1661 May 28 j 02:22	20°♊18'24	0°08'50
minimum elong	-1663 Jan 03 j 21:25	1°♊14'12	6°23'55	minimum elong	-1661 May 28 j 00:37	20°♊13'00	0°08'46
	-1663 Jan 05 j 20:43	30°♊		behind sun begin	-1661 May 27 j 05:57	19°♊15'36	
morning rise	-1663 Jan 08 j 16:45	28°♊16'59		behind sun end	-1661 May 28 j 19:17	21°♊10'25	
direct	-1663 Jan 24 j 21:06	23°♊08'49			-1661 Jun 04 j 23:27	0°♊	
greatest brilliancy	-1663 Feb 04 j 09:37	25°♊11'39	-4.6m		-1661 Jun 29 j 07:07	0°♊	
	-1663 Feb 14 j 00:14	0°♊		evening rise	-1661 Jul 02 j 18:18	4°♊17'06	
morning max el	-1663 Mar 15 j 01:48	23°♊53'53	46°06'08		-1661 Jul 23 j 12:55	0°♊	
	-1663 Mar 21 j 06:21	0°♊			-1661 Aug 16 j 18:13	0°♊	
desc. node	-1663 Mar 28 j 04:55	7°♊04'57			-1661 Sep 10 j 00:42	0°♊	
	-1663 Apr 18 j 12:52	0°♊		desc. node	-1661 Sep 13 j 00:00	3°♊39'48	
	-1663 May 15 j 01:17	0°♊			-1661 Oct 04 j 10:09	0°♊	
	-1663 Jun 09 j 16:51	0°♊			-1661 Oct 29 j 01:10	0°♊	
	-1663 Jul 04 j 18:04	0°♊			-1661 Nov 23 j 03:44	0°♊	
asc. node	-1663 Jul 19 j 06:17	17°♊39'18			-1661 Dec 19 j 09:44	0°♊	
	-1663 Jul 29 j 07:40	0°♊		asc. node	-1660 Jan 04 j 00:56	16°♊34'17	
	-1663 Aug 22 j 12:04	0°♊		evening max el	-1660 Jan 04 j 13:32	17°♊06'06	46°34'46
greatest brilliancy	-1663 Sep 07 j 15:39	20°♊13'13	-3.9m		-1660 Jan 18 j 02:45	0°♊	
morning set	-1663 Sep 08 j 06:48	21°♊00'48		greatest brilliancy	-1660 Feb 08 j 23:15	15°♊39'55	-4.6m
	-1663 Sep 15 j 10:22	0°♊		retrograde	-1660 Feb 23 j 18:04	19°♊35'43	
	-1663 Oct 09 j 05:52	0°♊		evening set	-1660 Mar 12 j 03:12	13°♊43'02	
				inferior conj	-1660 Mar 16 j 02:08	11°♊14'33	7°28'08
superior conj	-1663 Oct 17 j 18:10	10°♊44'01	0°47'12	minimum elong	-1660 Mar 16 j 09:46	11°♊02'24	7°27'08
minimum elong	-1663 Oct 18 j 04:32	11°♊16'40	0°46'46	min. Earth dist.	-1660 Mar 16 j 02:15	11°♊14'20	0.29004 AU
max. Earth dist.	-1663 Oct 18 j 06:26	11°♊22'41	1.70970 AU	morning rise	-1660 Mar 20 j 16:33	8°♊23'13	
	-1663 Nov 02 j 01:12	0°♊		direct	-1660 Apr 06 j 13:08	2°♊54'59	
desc. node	-1663 Nov 07 j 21:53	7°♊22'41		greatest brilliancy	-1660 Apr 18 j 22:38	5°♊38'49	-4.5m
	-1663 Nov 25 j 21:56	0°♊		desc. node	-1660 Apr 24 j 16:31	8°♊26'46	
evening rise	-1663 Nov 28 j 18:54	3°♊36'17			-1660 May 22 j 11:36	0°♊	
	-1663 Dec 19 j 21:02	0°♊		morning max el	-1660 May 25 j 09:38	2°♊44'54	45°46'20
	-1662 Jan 12 j 23:48	0°♊			-1660 Jun 20 j 22:47	0°♊	
	-1662 Feb 06 j 08:25	0°♊			-1660 Jul 17 j 16:00	0°♊	
asc. node	-1662 Feb 28 j 22:51	27°♊25'31			-1660 Aug 12 j 02:13	0°♊	
	-1662 Mar 03 j 02:18	0°♊		asc. node	-1660 Aug 15 j 18:10	4°♊24'48	
	-1662 Mar 28 j 10:28	0°♊			-1660 Sep 05 j 17:19	0°♊	
	-1662 Apr 23 j 17:57	0°♊			-1660 Sep 29 j 20:34	0°♊	
	-1662 May 22 j 00:45	0°♊			-1660 Oct 23 j 17:48	0°♊	

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	-1660 Nov 16 j 13:27	0°♌		inferior conj	-1657 May 25 j 10:23	17°♌48'42	0°-31'-27
morning set	-1660 Nov 22 j 16:03	7°♌41'10		minimum elong	-1657 May 25 j 09:14	17°♌50'30	0°31'06
desc. node	-1660 Dec 05 j 09:38	23°♌41'35		min. Earth dist.	-1657 May 25 j 19:21	17°♌34'42	0.28927 AU
	-1660 Dec 10 j 10:11	0°♊		morning rise	-1657 May 31 j 18:12	14°♌00'57	
	-1659 Jan 03 j 09:06	0°♊		direct	-1657 Jun 16 j 03:56	9°♌30'00	
				greatest brilliancy	-1657 Jun 30 j 09:48	13°♌00'52	-4.5m
superior conj	-1659 Jan 03 j 18:23	0°♊28'57	-1°-1'-47		-1657 Jul 24 j 16:18	0°♌	
minimum elong	-1659 Jan 03 j 06:49	29°♊52'51	1°01'26	morning max el	-1657 Aug 04 j 10:11	9°♌57'52	46°08'55
max. Earth dist.	-1659 Jan 08 j 00:23	5°♊47'34	1.71771 AU		-1657 Aug 23 j 19:10	0°♌	
	-1659 Jan 27 j 10:44	0°♋		asc. node	-1657 Sep 13 j 06:06	23°♌00'55	
evening rise	-1659 Feb 13 j 01:26	20°♋36'33			-1657 Sep 19 j 05:51	0°♌	
	-1659 Feb 20 j 15:45	0°♋			-1657 Oct 14 j 06:12	0°♋	
	-1659 Mar 17 j 01:09	0°♋			-1657 Nov 07 j 14:42	0°♋	
asc. node	-1659 Mar 28 j 10:55	13°♋56'05			-1657 Dec 01 j 17:03	0°♌	
	-1659 Apr 10 j 16:05	0°♋			-1657 Dec 25 j 18:27	0°♊	
	-1659 May 05 j 13:53	0°♌		desc. node	-1656 Jan 02 j 21:32	10°♊07'31	
	-1659 May 30 j 20:56	0°♌			-1656 Jan 18 j 21:08	0°♊	
	-1659 Jun 25 j 18:43	0°♌		morning set	-1656 Feb 08 j 10:21	25°♊29'21	
desc. node	-1659 Jul 18 j 01:57	24°♌50'24			-1656 Feb 12 j 01:48	0°♋	
	-1659 Jul 22 j 21:06	0°♋			-1656 Mar 07 j 08:33	0°♋	
evening max el	-1659 Aug 10 j 02:52	18°♋43'31	46°41'02				
	-1659 Aug 22 j 05:56	0°♌		superior conj	-1656 Mar 18 j 01:04	13°♋10'19	-1°-13'-39
greatest brilliancy	-1659 Sep 18 j 11:11	18°♌12'34	-4.6m	minimum elong	-1656 Mar 18 j 09:15	13°♋35'30	1°13'28
retrograde	-1659 Sep 29 j 01:30	20°♌16'32		max. Earth dist.	-1656 Mar 20 j 01:01	15°♋37'52	1.73296 AU
evening set	-1659 Oct 14 j 12:05	15°♌37'39			-1656 Mar 31 j 17:19	0°♋	
inferior conj	-1659 Oct 19 j 14:08	12°♌37'38	-4°-48'-20	evening rise	-1656 Apr 24 j 04:00	28°♋46'48	
minimum elong	-1659 Oct 19 j 23:43	12°♌23'06	4°45'44	asc. node	-1656 Apr 24 j 22:50	29°♋44'32	
min. Earth dist.	-1659 Oct 19 j 21:59	12°♌25'44	0.26441 AU		-1656 Apr 25 j 03:53	0°♋	
morning rise	-1659 Oct 25 j 11:12	9°♌12'09		greatest brilliancy	-1656 May 09 j 15:48	17°♋45'39	-3.9m
asc. node	-1659 Nov 08 j 03:15	5°♌02'21			-1656 May 19 j 15:54	0°♌	
direct	-1659 Nov 08 j 23:39	5°♌01'27			-1656 Jun 13 j 05:29	0°♌	
greatest brilliancy	-1659 Nov 21 j 08:41	7°♌54'30	-4.7m		-1656 Jul 07 j 21:36	0°♌	
	-1659 Dec 21 j 02:14	0°♌			-1656 Aug 01 j 18:26	0°♋	
morning max el	-1659 Dec 29 j 13:17	8°♌17'55	46°46'46	desc. node	-1656 Aug 14 j 14:01	15°♋18'53	
	-1658 Jan 18 j 23:59	0°♊			-1656 Aug 26 j 23:42	0°♌	
	-1658 Feb 14 j 12:00	0°♊			-1656 Sep 21 j 20:49	0°♌	
desc. node	-1658 Feb 27 j 19:16	15°♊28'17			-1656 Oct 19 j 07:41	0°♊	
	-1658 Mar 12 j 04:10	0°♋		evening max el	-1656 Oct 21 j 22:51	2°♊42'06	47°29'16
	-1658 Apr 06 j 10:45	0°♋			-1656 Nov 22 j 15:57	0°♊	
	-1658 May 01 j 11:08	0°♋		greatest brilliancy	-1656 Nov 29 j 02:29	3°♊30'27	-4.7m
	-1658 May 26 j 06:07	0°♋		asc. node	-1656 Dec 05 j 15:12	5°♊51'01	
	-1658 Jun 19 j 19:28	0°♌		retrograde	-1656 Dec 12 j 01:00	6°♊40'04	
asc. node	-1658 Jun 20 j 20:31	1°♌16'56		evening set	-1656 Dec 27 j 13:38	1°♊50'22	
morning set	-1658 Jun 28 j 00:00	10°♌04'24			-1656 Dec 30 j 15:25	30°♋♊	
	-1658 Jul 14 j 03:01	0°♌		min. Earth dist.	-1656 Dec 31 j 19:39	29°♊16'02	0.27253 AU
max. Earth dist.	-1658 Jul 30 j 08:52	20°♌11'33	1.72256 AU	inferior conj	-1655 Jan 01 j 21:04	28°♊36'09	6°10'59
				minimum elong	-1655 Jan 01 j 11:17	28°♊51'31	6°08'50
superior conj	-1658 Aug 03 j 14:03	25°♌26'56	1°19'29	morning rise	-1655 Jan 06 j 09:30	25°♊50'26	
minimum elong	-1658 Aug 03 j 08:17	25°♌08'56	1°19'25	direct	-1655 Jan 22 j 09:43	20°♊46'57	
	-1658 Aug 07 j 05:35	0°♌		greatest brilliancy	-1655 Feb 02 j 00:12	22°♊51'35	-4.6m
	-1658 Aug 31 j 04:59	0°♋			-1655 Feb 15 j 04:26	0°♊	
evening rise	-1658 Sep 10 j 07:57	12°♋41'13		morning max el	-1655 Mar 12 j 15:46	21°♊36'11	46°07'41
	-1658 Sep 24 j 03:24	0°♌			-1655 Mar 21 j 02:40	0°♋	
desc. node	-1658 Oct 10 j 11:59	20°♌28'58		desc. node	-1655 Mar 27 j 06:56	6°♋21'56	
	-1658 Oct 18 j 02:36	0°♌			-1655 Apr 18 j 03:56	0°♋	
	-1658 Nov 11 j 03:48	0°♊			-1655 May 14 j 14:13	0°♋	
	-1658 Dec 05 j 08:40	0°♊			-1655 Jun 09 j 04:44	0°♋	
	-1658 Dec 29 j 20:45	0°♋			-1655 Jul 04 j 05:23	0°♌	
	-1657 Jan 23 j 23:09	0°♋		asc. node	-1655 Jul 18 j 08:27	17°♌11'49	
asc. node	-1657 Jan 31 j 12:54	8°♋49'36			-1655 Jul 28 j 18:42	0°♌	
	-1657 Feb 19 j 06:18	0°♋			-1655 Aug 21 j 23:00	0°♌	
evening max el	-1657 Mar 16 j 12:50	26°♋17'19	45°23'45	morning set	-1655 Sep 05 j 20:56	18°♌40'14	
	-1657 Mar 20 j 10:39	0°♋			-1655 Sep 14 j 21:17	0°♋	
greatest brilliancy	-1657 Apr 19 j 17:36	22°♋26'01	-4.5m		-1655 Oct 08 j 16:49	0°♌	
retrograde	-1657 May 03 j 22:59	25°♋57'15					
evening set	-1657 May 18 j 23:50	21°♋38'42		superior conj	-1655 Oct 15 j 04:50	8°♌11'46	0°50'22
desc. node	-1657 May 23 j 04:20	19°♋12'33		minimum elong	-1655 Oct 15 j 15:30	8°♌45'24	0°49'57

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

max. Earth dist.	-1655 Oct 15 j 14:17	8°♄41'33	1.70984 AU	morning rise	-1652 Mar 18 j 05:52	6°♄16'30	
	-1655 Nov 01 j 12:12	0°♄		direct	-1652 Apr 04 j 05:41	0°♄44'26	
desc. node	-1655 Nov 06 j 23:52	6°♄54'14		greatest brilliancy	-1652 Apr 16 j 11:13	3°♄24'49	-4.5m
	-1655 Nov 25 j 09:00	0°♄		desc. node	-1652 Apr 23 j 18:31	7°♄05'10	
evening rise	-1655 Nov 26 j 04:06	0°♄59'55			-1652 May 22 j 10:48	0°♄	
	-1655 Dec 19 j 08:12	0°♄		morning max el	-1652 May 23 j 01:54	0°♄35'51	45°46'20
	-1654 Jan 12 j 11:05	0°♄			-1652 Jun 20 j 14:39	0°♄	
	-1654 Feb 05 j 19:56	0°♄			-1652 Jul 17 j 05:24	0°♄	
asc. node	-1654 Feb 28 j 01:00	26°♄56'14			-1652 Aug 11 j 14:30	0°♄	
	-1654 Mar 02 j 14:16	0°♄		asc. node	-1652 Aug 14 j 20:20	3°♄54'36	
	-1654 Mar 27 j 23:23	0°♄			-1652 Sep 05 j 05:03	0°♄	
	-1654 Apr 23 j 08:59	0°♄			-1652 Sep 29 j 08:02	0°♄	
	-1654 May 21 j 21:27	0°♄			-1652 Oct 23 j 05:09	0°♄	
evening max el	-1654 May 26 j 09:37	4°♄21'53	45°24'50		-1652 Nov 16 j 00:45	0°♄	
desc. node	-1654 Jun 19 j 16:15	24°♄38'29		morning set	-1652 Nov 20 j 01:51	5°♄05'34	
	-1654 Jun 28 j 19:16	0°♄		desc. node	-1652 Dec 04 j 11:48	23°♄13'00	
greatest brilliancy	-1654 Jul 02 j 09:37	1°♄35'16	-4.5m		-1652 Dec 09 j 21:25	0°♄	
retrograde	-1654 Jul 14 j 03:50	4°♄01'59					
	-1654 Jul 28 j 15:56	30°♄		superior conj	-1651 Jan 01 j 04:28	27°♄55'37	0°-59'-1
evening set	-1654 Jul 31 j 09:16	28°♄29'42		minimum elong	-1652 Dec 31 j 16:52	27°♄19'22	0°58'40
inferior conj	-1654 Aug 04 j 06:47	26°♄09'41	-8°-19'-21		-1651 Jan 02 j 20:16	0°♄	
minimum elong	-1654 Aug 04 j 00:15	26°♄19'38	8°18'42	max. Earth dist.	-1651 Jan 05 j 13:39	3°♄24'15	1.71717 AU
min. Earth dist.	-1654 Aug 04 j 16:49	25°♄54'22	0.28004 AU		-1651 Jan 26 j 21:51	0°♄	
morning rise	-1654 Aug 07 j 15:02	24°♄08'33		evening rise	-1651 Feb 10 j 14:31	18°♄14'06	
direct	-1654 Aug 25 j 12:39	18°♄07'38			-1651 Feb 20 j 02:52	0°♄	
greatest brilliancy	-1654 Sep 08 j 20:41	21°♄49'07	-4.6m		-1651 Mar 16 j 12:23	0°♄	
	-1654 Sep 21 j 20:16	0°♄		asc. node	-1651 Mar 27 j 12:56	13°♄27'41	
asc. node	-1654 Oct 10 j 17:37	16°♄41'09			-1651 Apr 10 j 03:36	0°♄	
morning max el	-1654 Oct 15 j 02:44	21°♄03'58	46°47'46		-1651 May 05 j 01:56	0°♄	
	-1654 Oct 23 j 15:54	0°♄			-1651 May 30 j 09:55	0°♄	
	-1654 Nov 19 j 07:10	0°♄			-1651 Jun 25 j 09:27	0°♄	
	-1654 Dec 14 j 12:41	0°♄		desc. node	-1651 Jul 17 j 04:09	24°♄08'47	
	-1653 Jan 08 j 06:33	0°♄			-1651 Jul 22 j 15:43	0°♄	
desc. node	-1653 Jan 30 j 09:29	26°♄58'48		evening max el	-1651 Aug 07 j 15:44	16°♄19'29	46°38'03
	-1653 Feb 01 j 20:50	0°♄			-1651 Aug 22 j 14:16	0°♄	
	-1653 Feb 26 j 10:17	0°♄		greatest brilliancy	-1651 Sep 16 j 01:05	15°♄45'46	-4.6m
	-1653 Mar 22 j 23:32	0°♄		retrograde	-1651 Sep 26 j 12:47	17°♄47'08	
	-1653 Apr 16 j 12:22	0°♄		evening set	-1651 Oct 12 j 03:15	13°♄04'27	
morning set	-1653 Apr 19 j 16:16	3°♄52'11		inferior conj	-1651 Oct 17 j 02:16	10°♄08'36	-5°-8'-44
	-1653 May 11 j 00:10	0°♄		minimum elong	-1651 Oct 17 j 12:15	9°♄53'26	5°06'06
asc. node	-1653 May 23 j 10:46	15°♄16'19		min. Earth dist.	-1651 Oct 17 j 11:30	9°♄54'34	0.26473 AU
max. Earth dist.	-1653 May 23 j 18:12	15°♄39'09	1.73605 AU	morning rise	-1651 Oct 22 j 21:02	6°♄45'48	
				direct	-1651 Nov 06 j 11:58	2°♄31'55	
superior conj	-1653 May 25 j 21:18	18°♄16'11	0°05'47	asc. node	-1651 Nov 07 j 05:25	2°♄32'34	
minimum elong	-1653 May 25 j 20:09	18°♄12'38	0°05'45	greatest brilliancy	-1651 Nov 18 j 23:24	5°♄26'55	-4.7m
behind sun begin	-1653 May 24 j 23:17	17°♄08'31			-1651 Dec 21 j 04:59	0°♄	
behind sun end	-1653 May 26 j 17:01	19°♄16'46		morning max el	-1651 Dec 27 j 01:24	5°♄48'09	46°47'38
	-1653 Jun 04 j 10:09	0°♄			-1650 Jan 18 j 17:43	0°♄	
	-1653 Jun 28 j 17:55	0°♄			-1650 Feb 14 j 02:38	0°♄	
evening rise	-1653 Jun 30 j 13:24	2°♄14'21		desc. node	-1650 Feb 26 j 21:19	14°♄54'04	
	-1653 Jul 22 j 23:57	0°♄			-1650 Mar 11 j 17:14	0°♄	
	-1653 Aug 16 j 05:34	0°♄			-1650 Apr 05 j 22:54	0°♄	
	-1653 Sep 09 j 12:29	0°♄			-1650 Apr 30 j 22:44	0°♄	
desc. node	-1653 Sep 12 j 02:03	3°♄09'36			-1650 May 25 j 17:23	0°♄	
	-1653 Oct 03 j 22:31	0°♄			-1650 Jun 19 j 06:32	0°♄	
	-1653 Oct 28 j 14:21	0°♄		asc. node	-1650 Jun 19 j 22:43	0°♄49'42	
	-1653 Nov 22 j 18:19	0°♄		morning set	-1650 Jun 25 j 17:59	7°♄57'59	
	-1653 Dec 19 j 03:27	0°♄			-1650 Jul 13 j 14:01	0°♄	
evening max el	-1652 Jan 02 j 05:50	14°♄51'41	46°37'35	max. Earth dist.	-1650 Jul 28 j 01:16	17°♄58'53	1.72314 AU
asc. node	-1652 Jan 03 j 03:07	15°♄45'15					
	-1652 Jan 18 j 08:24	0°♄		superior conj	-1650 Aug 01 j 07:07	23°♄16'12	1°18'20
greatest brilliancy	-1652 Feb 06 j 17:18	13°♄30'21	-4.6m	minimum elong	-1650 Aug 01 j 00:50	22°♄56'36	1°18'14
retrograde	-1652 Feb 21 j 11:03	17°♄24'32			-1650 Aug 06 j 16:36	0°♄	
evening set	-1652 Mar 09 j 21:57	11°♄28'31			-1650 Aug 30 j 16:06	0°♄	
inferior conj	-1652 Mar 13 j 18:33	9°♄03'16	7°37'11	evening rise	-1650 Sep 07 j 21:39	10°♄18'43	
minimum elong	-1652 Mar 14 j 01:47	8°♄51'46	7°36'17		-1650 Sep 23 j 14:43	0°♄	
min. Earth dist.	-1652 Mar 13 j 17:21	9°♄05'11	0.28975 AU	desc. node	-1650 Oct 09 j 14:01	19°♄59'32	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1645 Sep 09 j 00:28	0°♊				-1642 Mar 11 j 06:02	0°♋		
desc. node	-1645 Sep 11 j 04:03	2°♊38'44				-1642 Apr 05 j 10:48	0°♌		
	-1645 Oct 03 j 11:06	0°♍				-1642 Apr 30 j 10:04	0°♎		
	-1645 Oct 28 j 03:47	0°♏				-1642 May 25 j 04:22	0°♐		
	-1645 Nov 22 j 09:12	0°♑				-1642 Jun 18 j 17:21	0°♒		
	-1645 Dec 18 j 21:38	0°♓			asc. node	-1642 Jun 19 j 00:46	0°♒22'47		
evening max el	-1645 Dec 30 j 21:44	12°♓35'54	46°40'28		morning set	-1642 Jun 23 j 12:11	5°♒53'01		
asc. node	-1644 Jan 02 j 05:16	14°♓55'11				-1642 Jul 13 j 00:48	0°♓		
	-1644 Jan 18 j 16:18	0°♈			max. Earth dist.	-1642 Jul 25 j 19:25	15°♓52'18	1.72379 AU	
greatest brilliancy	-1644 Feb 04 j 12:14	11°♈22'03	-4.6m						
retrograde	-1644 Feb 19 j 03:51	15°♈13'42			superior conj	-1642 Jul 30 j 00:13	21°♓06'08	1°17'03	
evening set	-1644 Mar 07 j 16:44	9°♈14'49			minimum elong	-1642 Jul 29 j 17:27	20°♓45'04	1°16'57	
inferior conj	-1644 Mar 11 j 11:10	6°♈52'34	7°45'26			-1642 Aug 06 j 03:27	0°♏		
minimum elong	-1644 Mar 11 j 17:56	6°♈41'47	7°44'40			-1642 Aug 30 j 03:07	0°♐		
min. Earth dist.	-1644 Mar 11 j 08:47	6°♈56'22	0.28943 AU		evening rise	-1642 Sep 05 j 11:20	7°♐56'38		
morning rise	-1644 Mar 15 j 19:24	4°♈10'09				-1642 Sep 23 j 01:54	0°♑		
	-1644 Mar 24 j 11:29	30°♈			desc. node	-1642 Oct 08 j 16:11	19°♑30'58		
direct	-1644 Apr 01 j 22:07	28°♈34'35				-1642 Oct 17 j 01:31	0°♒		
	-1644 Apr 10 j 17:01	0°♉				-1642 Nov 10 j 03:14	0°♏		
greatest brilliancy	-1644 Apr 13 j 23:50	1°♉11'08	-4.5m			-1642 Dec 04 j 08:48	0°♑		
desc. node	-1644 Apr 22 j 20:44	5°♉46'40				-1642 Dec 28 j 22:04	0°♒		
morning max el	-1644 May 20 j 17:21	28°♉24'49	45°46'10			-1641 Jan 23 j 02:44	0°♉		
	-1644 May 22 j 09:05	0°♎			asc. node	-1641 Jan 29 j 17:01	7°♉39'07		
	-1644 Jun 20 j 06:21	0°♐				-1641 Feb 18 j 15:06	0°♎		
	-1644 Jul 16 j 18:50	0°♒			evening max el	-1641 Mar 11 j 18:05	21°♎49'12	45°27'02	
	-1644 Aug 11 j 02:52	0°♓				-1641 Mar 20 j 12:59	0°♏		
asc. node	-1644 Aug 13 j 22:21	3°♓23'37			greatest brilliancy	-1641 Apr 14 j 21:46	18°♏03'45	-4.5m	
	-1644 Sep 04 j 16:52	0°♏			retrograde	-1641 Apr 29 j 07:46	21°♏41'29		
	-1644 Sep 28 j 19:32	0°♐			evening set	-1641 May 14 j 09:56	17°♏19'40		
	-1644 Oct 22 j 16:30	0°♑			inferior conj	-1641 May 20 j 19:15	13°♏31'34	0°07'44	
	-1644 Nov 15 j 12:02	0°♒			minimum elong	-1641 May 20 j 19:32	13°♏31'08	0°07'40	
morning set	-1644 Nov 17 j 11:35	2°♒29'41			transit middle	-1641 May 20 j 19:32	13°♏31'08	0°07'40	
desc. node	-1644 Dec 03 j 13:53	22°♒44'16			transit begin	-1641 May 20 j 15:57	13°♏36'43		
	-1644 Dec 09 j 08:39	0°♏			transit end	-1641 May 20 j 23:07	13°♏25'33		
					min. Earth dist.	-1641 May 21 j 04:55	13°♏16'31	0.28967 AU	
superior conj	-1644 Dec 29 j 14:34	25°♏22'16	0°-56'-9		desc. node	-1641 May 21 j 08:33	13°♏10'51		
minimum elong	-1644 Dec 29 j 03:03	24°♏46'13	0°55'47		morning rise	-1641 May 27 j 04:41	9°♏41'35		
	-1643 Jan 02 j 07:26	0°♑			direct	-1641 Jun 11 j 12:08	5°♏11'44		
max. Earth dist.	-1643 Jan 03 j 01:03	0°♑55'03	1.71660 AU		greatest brilliancy	-1641 Jun 25 j 19:40	8°♏43'59	-4.5m	
	-1643 Jan 26 j 08:55	0°♒				-1641 Jul 24 j 20:50	0°♒		
evening rise	-1643 Feb 08 j 03:38	15°♒51'47			morning max el	-1641 Jul 30 j 17:42	5°♒33'16	46°06'28	
	-1643 Feb 19								

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1640 Sep 21 j 05:56	0° \mathbb{M}		morning set	-1637 Apr 15 j 04:23	29° \mathbb{H} 42'23	
evening max el	-1640 Oct 17 j 03:56	27° \mathbb{M} 56'06	47°29'21		-1637 Apr 15 j 10:09	0° \mathbb{Y}	
	-1640 Oct 19 j 05:02	0° \mathbb{J}			-1637 May 09 j 21:44	0° \mathbb{B}	
greatest brilliancy	-1640 Nov 24 j 08:53	28° \mathbb{J} 42'17	-4.7m	max. Earth dist.	-1637 May 19 j 13:16	11° \mathbb{B} 50'23	1.73638 AU
	-1640 Nov 27 j 12:37	0° \mathbb{Z}					
asc. node	-1640 Dec 03 j 19:24	1° \mathbb{Z} 35'55		superior conj	-1637 May 21 j 10:40	14° \mathbb{B} 09'49	0°00'-25
retrograde	-1640 Dec 07 j 06:09	1° \mathbb{Z} 50'29		minimum elong	-1637 May 21 j 10:46	14° \mathbb{B} 10'06	0°00'24
	-1640 Dec 16 j 14:44	30° \mathbb{R} \mathbb{J}		behind sun begin	-1637 May 20 j 12:40	13° \mathbb{B} 02'15	
evening set	-1640 Dec 22 j 11:40	27° \mathbb{J} 09'22		behind sun end	-1637 May 22 j 08:51	15° \mathbb{B} 17'58	
min. Earth dist.	-1640 Dec 26 j 23:08	24° \mathbb{J} 28'01	0.27117 AU	asc. node	-1637 May 21 j 15:00	14° \mathbb{B} 23'08	
inferior conj	-1640 Dec 28 j 00:35	23° \mathbb{J} 48'20	5°38'32		-1637 Jun 03 j 07:44	0° \mathbb{H}	
minimum elong	-1640 Dec 27 j 14:54	24° \mathbb{J} 03'27	5°36'13	evening rise	-1637 Jun 26 j 03:06	28° \mathbb{H} 06'55	
morning rise	-1639 Jan 01 j 18:48	20° \mathbb{J} 55'22			-1637 Jun 27 j 15:44	0° \mathbb{G}	
direct	-1639 Jan 17 j 12:12	16° \mathbb{J} 01'05			-1637 Jul 21 j 22:10	0° \mathbb{Q}	
greatest brilliancy	-1639 Jan 28 j 03:19	18° \mathbb{J} 07'33	-4.6m		-1637 Aug 15 j 04:23	0° \mathbb{P}	
	-1639 Feb 16 j 16:54	0° \mathbb{Z}			-1637 Sep 08 j 12:09	0° \mathbb{L}	
morning max el	-1639 Mar 07 j 21:31	17° \mathbb{Z} 03'26	46°10'19	desc. node	-1637 Sep 10 j 06:16	2° \mathbb{L} 09'30	
	-1639 Mar 20 j 18:04	0° \mathbb{X}			-1637 Oct 02 j 23:22	0° \mathbb{M}	
desc. node	-1639 Mar 25 j 11:12	4° \mathbb{X} 56'34			-1637 Oct 27 j 16:57	0° \mathbb{J}	
	-1639 Apr 17 j 10:02	0° \mathbb{H}			-1637 Nov 21 j 23:55	0° \mathbb{Z}	
	-1639 May 13 j 16:24	0° \mathbb{Y}			-1637 Dec 18 j 16:02	0° \mathbb{X}	
	-1639 Jun 08 j 04:50	0° \mathbb{B}		evening max el	-1637 Dec 28 j 12:34	10° \mathbb{X} 17'41	46°43'01
	-1639 Jul 03 j 04:20	0° \mathbb{H}		asc. node	-1636 Jan 01 j 07:15	14° \mathbb{X} 04'10	
asc. node	-1639 Jul 16 j 12:35	16° \mathbb{H} 15'21			-1636 Jan 19 j 03:00	0° \mathbb{H}	
	-1639 Jul 27 j 17:03	0° \mathbb{G}		greatest brilliancy	-1636 Feb 02 j 06:57	9° \mathbb{H} 12'56	-4.6m
	-1639 Aug 20 j 21:06	0° \mathbb{Q}		retrograde	-1636 Feb 16 j 20:02	13° \mathbb{H} 02'08	
morning set	-1639 Sep 01 j 01:43	14° \mathbb{Q} 00'19		evening set	-1636 Mar 05 j 11:05	7° \mathbb{H} 00'40	
	-1639 Sep 13 j 19:22	0° \mathbb{P}		inferior conj	-1636 Mar 09 j 03:31	4° \mathbb{H} 41'16	7°53'04
	-1639 Oct 07 j 14:59	0° \mathbb{L}		minimum elong	-1636 Mar 09 j 09:45	4° \mathbb{H} 31'19	7°52'27
				min. Earth dist.	-1636 Mar 09 j 00:18	4° \mathbb{H} 46'25	0.28910 AU
superior conj	-1639 Oct 10 j 02:59	3° \mathbb{L} 09'05	0°56'21	morning rise	-1636 Mar 13 j 08:41	2° \mathbb{H} 03'10	
minimum elong	-1639 Oct 10 j 13:57	3° \mathbb{L} 43'38	0°55'57		-1636 Mar 17 j 00:47	30° \mathbb{R} \mathbb{X}	
max. Earth dist.	-1639 Oct 10 j 06:04	3° \mathbb{L} 18'46	1.71013 AU	direct	-1636 Mar 30 j 13:41	26° \mathbb{X} 24'01	
	-1639 Oct 31 j 10:28	0° \mathbb{M}		greatest brilliancy	-1636 Apr 11 j 13:02	28° \mathbb{X} 57'43	-4.5m
desc. node	-1639 Nov 05 j 04:08	5° \mathbb{M} 57'30			-1636 Apr 13 j 22:00	0° \mathbb{H}	
evening rise	-1639 Nov 20 j 22:43	25° \mathbb{M} 46'53		desc. node	-1636 Apr 21 j 22:46	4° \mathbb{H} 30'05	
	-1639 Nov 24 j 07:24	0° \mathbb{J}		morning max el	-1636 May 18 j 07:58	26° \mathbb{H} 11'54	45°46'15
	-1639 Dec 18 j 06:45	0° \mathbb{Z}			-1636 May 22 j 06:24	0° \mathbb{Y}	
	-1638 Jan 11 j 09:54	0° \mathbb{X}			-1636 Jun 19 j 21:39	0° \mathbb{B}	
	-1638 Feb 04 j 19:14	0° \mathbb{H}			-1636 Jul 16 j 07:56	0° \mathbb{H}	
asc. node	-1638 Feb 26 j 05:10	25° \mathbb{H} 56'10			-1636 Aug 10 j 14:57	0° \mathbb{G}	
	-1638 Mar 01 j 14:37	0° \mathbb{Y}		asc. node	-1636 Aug 13 j 00:28	2° \mathbb{G} 53'44	
	-1638 Mar 27 j 01:55	0° \mathbb{B}			-1636 Sep 04 j 04:24	0° \mathbb{Q}	
	-1638 Apr 22 j 16:12	0° \mathbb{H}			-1636 Sep 28 j 06:47	0° \mathbb{P}	
evening max el	-1638 May 21 j 16:47	29° \mathbb{H} 57'32	45°22'01		-1636 Oct 22 j 03:37	0° \mathbb{L}	
	-1638 May 21 j 17:49	0° \mathbb{G}		morning set	-1636 Nov 14 j 21:52	29° \mathbb{L} 56'14	
desc. node	-1638 Jun 17 j 20:26	22° \mathbb{G} 03'20			-1636 Nov 14 j 23:04	0° \mathbb{M}	
greatest brilliancy	-1638 Jun 27 j 09:18	26° \mathbb{G} 58'40	-4.5m	desc. node	-1636 Dec 02 j 15:54	22° \mathbb{M} 16'07	
retrograde	-1638 Jul 09 j 07:58	29° \mathbb{G} 28'38			-1636 Dec 08 j 19:37	0° \mathbb{J}	
evening set	-1638 Jul 26 j 06:39	24° \mathbb{G} 06'34					
inferior conj	-1638 Jul 30 j 11:27	21° \mathbb{G} 35'20	-8°-2'-50	superior conj	-1636 Dec 27 j 00:55	22° \mathbb{J} 50'21	0°-53'-11
minimum elong	-1638 Jul 30 j 03:43	21° \mathbb{G} 47'11	8°01'54	minimum elong	-1636 Dec 26 j 13:33	22° \mathbb{J} 14'48	0°52'47
min. Earth dist.	-1638 Jul 30 j 20:04	21° \mathbb{G} 22'09	0.28091 AU	max. Earth dist.	-1636 Dec 31 j 10:46	28° \mathbb{J} 21'19	1.71609 AU
morning rise	-1638 Aug 03 j 00:34	19° \mathbb{G} 26'34			-1635 Jan 01 j 18:21	0° \mathbb{Z}	
direct	-1638 Aug 20 j 19:23	13° \mathbb{G} 32'19			-1635 Jan 25 j 19:49	0° \mathbb{X}	
greatest brilliancy	-1638 Sep 04 j 01:33	17° \mathbb{G} 11'14	-4.6m	evening rise	-1635 Feb 05 j 16:35	13° \mathbb{X} 29'18	
	-1638 Sep 22 j 21:06	0° \mathbb{Q}			-1635 Feb 19 j 00:51	0° \mathbb{H}	
asc. node	-1638 Oct 08 j 21:58	14° \mathbb{Q} 55'41			-1635 Mar 15 j 10:37	0° \mathbb{Y}	
morning max el	-1638 Oct 10 j 07:06	16° \mathbb{Q} 19'22	46°45'38	asc. node	-1635 Mar 25 j 17:12	12° \mathbb{Y} 32'31	
	-1638 Oct 23 j 06:01	0° \mathbb{P}			-1635 Apr 09 j 02:25	0° \mathbb{B}	
	-1638 Nov 18 j 13:26	0° \mathbb{L}			-1635 May 04 j 01:52	0° \mathbb{H}	
	-1638 Dec 13 j 15:35	0° \mathbb{M}			-1635 May 29 j 11:56	0° \mathbb{G}	
	-1637 Jan 07 j 07:34	0° \mathbb{J}			-1635 Jun 24 j 15:23	0° \mathbb{Q}	
desc. node	-1637 Jan 28 j 13:34	25° \mathbb{J} 58'10		desc. node	-1635 Jul 15 j 08:14	22° \mathbb{Q} 43'10	
	-1637 Jan 31 j 20:38	0° \mathbb{Z}			-1635 Jul 22 j 06:27	0° \mathbb{P}	
	-1637 Feb 25 j 09:11	0° \mathbb{X}		evening max el	-1635 Aug 02 j 15:16	11° \mathbb{P} 26'30	46°32'07
	-1637 Mar 21 j 21:46	0° \mathbb{H}			-1635 Aug 23 j 16:24	0° \mathbb{L}	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

greatest brilliancy	-1635 Sep 11 j 04:22	10°♄51'50	-4.6m	superior conj	-1632 Mar 11 j 01:05	6°♁33'41	-1°-18'-5
retrograde	-1635 Sep 21 j 11:23	12°♄49'29		minimum elong	-1632 Mar 11 j 08:03	6°♁55'10	1°17'59
evening set	-1635 Oct 07 j 09:36	7°♄57'44		max. Earth dist.	-1632 Mar 13 j 06:46	9°♁19'09	1.73175 AU
inferior conj	-1635 Oct 12 j 02:26	5°♄11'11	-5°-47'-16		-1632 Mar 30 j 02:01	0°♁	
minimum elong	-1635 Oct 12 j 12:59	4°♄55'11	5°44'41	evening rise	-1632 Apr 17 j 10:21	22°♁31'42	
min. Earth dist.	-1635 Oct 12 j 14:30	4°♄52'52	0.26545 AU	asc. node	-1632 Apr 22 j 05:06	28°♁23'19	
morning rise	-1635 Oct 17 j 15:58	1°♄55'16			-1632 Apr 23 j 12:40	0°♁	
	-1635 Oct 21 j 13:11	30°♁			-1632 May 18 j 01:12	0°♁	
direct	-1635 Nov 01 j 11:54	27°♁32'49			-1632 Jun 11 j 15:49	0°♁	
asc. node	-1635 Nov 05 j 09:34	27°♁51'00			-1632 Jul 06 j 09:38	0°♁	
	-1635 Nov 12 j 22:00	0°♄			-1632 Jul 31 j 09:02	0°♁	
greatest brilliancy	-1635 Nov 14 j 06:22	0°♄34'43	-4.7m	desc. node	-1632 Aug 11 j 20:16	13°♁37'58	
	-1635 Dec 21 j 06:04	0°♁			-1632 Aug 25 j 18:23	0°♄	
morning max el	-1635 Dec 22 j 02:49	0°♁52'26	46°49'36		-1632 Sep 20 j 23:04	0°♁	
	-1634 Jan 18 j 03:36	0°♁		evening max el	-1632 Oct 14 j 19:29	25°♁35'19	47°29'09
	-1634 Feb 13 j 06:56	0°♁			-1632 Oct 19 j 05:22	0°♁	
desc. node	-1634 Feb 25 j 01:32	13°♁47'48		greatest brilliancy	-1632 Nov 22 j 00:25	26°♁17'41	-4.7m
	-1634 Mar 10 j 18:41	0°♁		asc. node	-1632 Dec 02 j 21:31	29°♁19'13	
	-1634 Apr 04 j 22:40	0°♁		retrograde	-1632 Dec 04 j 20:44	29°♁24'00	
	-1634 Apr 29 j 21:26	0°♁		evening set	-1632 Dec 19 j 22:42	24°♁47'15	
	-1634 May 24 j 15:25	0°♁		min. Earth dist.	-1632 Dec 24 j 12:35	22°♁02'28	0.27047 AU
asc. node	-1634 Jun 18 j 02:50	29°♁55'44		inferior conj	-1632 Dec 25 j 14:02	21°♁22'50	5°21'08
	-1634 Jun 18 j 04:13	0°♁		minimum elong	-1632 Dec 25 j 04:31	21°♁37'39	5°18'45
morning set	-1634 Jun 21 j 06:09	3°♁47'14		morning rise	-1632 Dec 30 j 11:06	18°♁26'14	
	-1634 Jul 12 j 11:36	0°♁		direct	-1631 Jan 15 j 01:37	13°♁36'55	
max. Earth dist.	-1634 Jul 23 j 14:32	13°♁48'42	1.72437 AU	greatest brilliancy	-1631 Jan 25 j 15:30	15°♁42'47	-4.6m
					-1631 Feb 17 j 04:49	0°♁	
superior conj	-1634 Jul 27 j 17:08	18°♁55'33	1°15'39	morning max el	-1631 Mar 05 j 12:06	14°♁45'51	46°11'45
minimum elong	-1634 Jul 27 j 09:57	18°♁33'12	1°15'32		-1631 Mar 20 j 13:02	0°♁	
	-1634 Aug 05 j 14:19	0°♁		desc. node	-1631 Mar 24 j 13:12	4°♁14'04	
	-1634 Aug 29 j 14:08	0°♁			-1631 Apr 17 j 00:50	0°♁	
evening rise	-1634 Sep 03 j 01:09	5°♁34'59			-1631 May 13 j 05:23	0°♁	
	-1634 Sep 22 j 13:08	0°♄			-1631 Jun 07 j 16:52	0°♁	
desc. node	-1634 Oct 07 j 18:13	19°♄01'50			-1631 Jul 02 j 15:52	0°♁	
	-1634 Oct 16 j 12:59	0°♁		asc. node	-1631 Jul 15 j 14:45	15°♁47'06	
	-1634 Nov 09 j 14:55	0°♁			-1631 Jul 27 j 04:20	0°♁	
	-1634 Dec 03 j 20:50	0°♁			-1631 Aug 20 j 08:18	0°♁	
	-1634 Dec 28 j 10:41	0°♁		morning set	-1631 Aug 29 j 16:09	11°♁40'10	
	-1633 Jan 22 j 16:33	0°♁			-1631 Sep 13 j 06:33	0°♁	
asc. node	-1633 Jan 28 j 19:13	7°♁04'21			-1631 Oct 07 j 02:12	0°♄	
	-1633 Feb 18 j 07:47	0°♁					
evening max el	-1633 Mar 09 j 09:46	19°♁38'03	45°28'41	superior conj	-1631 Oct 07 j 14:13	0°♄37'52	0°59'09
	-1633 Mar 20 j 16:10	0°♁		minimum elong	-1631 Oct 08 j 01:11	1°♄12'25	0°58'46
greatest brilliancy	-1633 Apr 12 j 11:53	15°♁52'52	-4.5m	max. Earth dist.	-1631 Oct 07 j 10:53	0°♄27'23	1.71029 AU
retrograde	-1633 Apr 27 j 00:43	19°♁33'33			-1631 Oct 30 j 21:45	0°♁	
evening set	-1633 May 12 j 03:13	15°♁09'57		desc. node	-1631 Nov 04 j 06:07	5°♁28'12	
inferior conj	-1633 May 18 j 11:38	11°♁22'50	0°27'16	evening rise	-1631 Nov 18 j 07:42	23°♁08'48	
minimum elong	-1633 May 18 j 12:38	11°♁21'17	0°27'01		-1631 Nov 23 j 18:46	0°♁	
min. Earth dist.	-1633 May 18 j 21:15	11°♁07'52	0.28989 AU		-1631 Dec 17 j 18:14	0°♁	
desc. node	-1633 May 20 j 10:35	10°♁09'54			-1630 Jan 10 j 21:30	0°♁	
morning rise	-1633 May 24 j 21:42	7°♁32'12			-1630 Feb 04 j 07:06	0°♁	
direct	-1633 Jun 09 j 04:48	3°♁02'34		asc. node	-1630 Feb 25 j 07:16	25°♁25'32	
greatest brilliancy	-1633 Jun 23 j 12:05	6°♁35'03	-4.5m		-1630 Mar 01 j 03:01	0°♁	
	-1633 Jul 24 j 21:10	0°♁			-1630 Mar 26 j 15:28	0°♁	
morning max el	-1633 Jul 28 j 10:34	3°♁23'52	46°05'12		-1630 Apr 22 j 08:19	0°♁	
	-1633 Aug 22 j 21:02	0°♁		evening max el	-1630 May 19 j 07:34	27°♁43'12	45°20'37
asc. node	-1633 Sep 10 j 12:24	21°♁13'21			-1630 May 21 j 17:34	0°♁	
	-1633 Sep 17 j 23:39	0°♁		desc. node	-1630 Jun 16 j 22:31	20°♁41'39	
	-1633 Oct 12 j 20:29	0°♁		greatest brilliancy	-1630 Jun 24 j 21:52	24°♁41'00	-4.5m
	-1633 Nov 06 j 03:09	0°♄		retrograde	-1630 Jul 06 j 21:19	27°♁12'00	
	-1633 Nov 30 j 04:21	0°♁		evening set	-1630 Jul 23 j 17:20	21°♁55'07	
	-1633 Dec 24 j 04:54	0°♁		inferior conj	-1630 Jul 28 j 01:54	19°♁18'19	-7°-53'-27
desc. node	-1633 Dec 31 j 03:48	8°♁40'16		minimum elong	-1630 Jul 27 j 17:38	19°♁31'00	7°52'22
	-1632 Jan 17 j 06:56	0°♁		min. Earth dist.	-1630 Jul 28 j 10:22	19°♁05'18	0.28137 AU
morning set	-1632 Jan 31 j 23:53	18°♁15'49		morning rise	-1630 Jul 31 j 17:40	17°♁05'18	
	-1632 Feb 10 j 11:04	0°♁		direct	-1630 Aug 18 j 10:13	11°♁14'30	
	-1632 Mar 05 j 17:26	0°♁		greatest brilliancy	-1630 Sep 01 j 16:31	14°♁52'31	-4.6m

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1630 Sep 23 j 05:13	0°♈					-1627 Feb 18 j 12:05	0°♋			
asc. node	-1630 Oct 07 j 23:56	14°♈03'09					-1627 Mar 14 j 21:59	0°♐			
morning max el	-1630 Oct 07 j 20:13	13°♈53'42	46°44'34		asc. node		-1627 Mar 24 j 19:12	12°♐03'46			
	-1630 Oct 23 j 00:38	0°♐					-1627 Apr 08 j 14:05	0°♌			
	-1630 Nov 18 j 04:32	0°♊					-1627 May 03 j 14:08	0°♋			
	-1630 Dec 13 j 05:07	0°♌					-1627 May 29 j 01:16	0°♍			
	-1629 Jan 06 j 20:13	0°♊					-1627 Jun 24 j 06:48	0°♈			
desc. node	-1629 Jan 27 j 15:45	25°♊27'44			desc. node		-1627 Jul 14 j 10:26	21°♈59'39			
	-1629 Jan 31 j 08:41	0°♌					-1627 Jul 22 j 02:48	0°♐			
	-1629 Feb 24 j 20:49	0°♎			evening max el		-1627 Jul 31 j 03:32	9°♐01'27	46°29'15		
	-1629 Mar 21 j 09:04	0°♋					-1627 Aug 24 j 12:21	0°♊			
morning set	-1629 Apr 12 j 22:19	27°♋36'25			greatest brilliancy		-1627 Sep 08 j 16:22	8°♊23'17	-4.6m		
	-1629 Apr 14 j 21:13	0°♐			retrograde		-1627 Sep 18 j 23:21	10°♊20'58			
	-1629 May 09 j 08:41	0°♌			evening set		-1627 Oct 05 j 00:53	5°♊24'04			
max. Earth dist.	-1629 May 17 j 09:44	9°♌52'18	1.73651 AU		inferior conj		-1627 Oct 09 j 14:33	2°♊42'16	-6°-5'-22		
					minimum elong		-1627 Oct 10 j 01:15	2°♊26'03	6°02'51		
superior conj	-1629 May 19 j 05:32	12°♌06'46	0°-3'-30		min. Earth dist.		-1627 Oct 10 j 03:34	2°♊22'33	0.26591 AU		
minimum elong	-1629 May 19 j 06:13	12°♌08'53	0°03'28				-1627 Oct 14 j 04:05	30°♌			
behind sun begin	-1629 May 18 j 08:26	11°♌02'00			morning rise		-1627 Oct 15 j 01:13	29°♌30'34			
behind sun end	-1629 May 20 j 04:00	13°♌15'45			direct		-1627 Oct 30 j 00:36	25°♌02'55			
asc. node	-1629 May 20 j 17:03	13°♌55'52			asc. node		-1627 Nov 04 j 11:44	25°♌38'21			
	-1629 Jun 02 j 18:41	0°♋			greatest brilliancy		-1627 Nov 11 j 21:51	28°♌08'22	-4.7m		
evening rise	-1629 Jun 23 j 22:15	26°♋03'46					-1627 Nov 15 j 14:40	0°♊			
	-1629 Jun 27 j 02:48	0°♍			morning max el		-1627 Dec 19 j 17:05	28°♊27'40	46°50'26		
	-1629 Jul 21 j 09:29	0°♈					-1627 Dec 21 j 05:18	0°♌			
	-1629 Aug 14 j 16:03	0°♐					-1626 Jan 17 j 20:22	0°♊			
	-1629 Sep 08 j 00:19	0°♊					-1626 Feb 12 j 21:09	0°♌			
desc. node	-1629 Sep 09 j 08:16	1°♊38'11			desc. node		-1626 Feb 24 j 03:33	13°♊13'51			
	-1629 Oct 02 j 12:10	0°♌					-1626 Mar 10 j 07:32	0°♎			
	-1629 Oct 27 j 06:40	0°♊					-1626 Apr 04 j 10:41	0°♋			
	-1629 Nov 21 j 15:16	0°♌					-1626 Apr 29 j 08:55	0°♐			
	-1629 Dec 18 j 11:19	0°♎					-1626 May 24 j 02:35	0°♌			
evening max el	-1629 Dec 26 j 02:40	7°♎56'18	46°45'50		asc. node		-1626 Jun 17 j 05:00	29°♌28'38			
asc. node	-1629 Dec 31 j 09:26	13°♎11'40					-1626 Jun 17 j 15:13	0°♋			
	-1628 Jan 19 j 17:57	0°♋			morning set		-1626 Jun 19 j 00:25	1°♋42'01			
greatest brilliancy	-1628 Jan 31 j 00:40	7°♋01'26	-4.6m				-1626 Jul 11 j 22:32	0°♍			
retrograde	-1628 Feb 14 j 12:11	10°♋49'49			max. Earth dist.		-1626 Jul 21 j 09:06	11°♍43'04	1.72491 AU		
evening set	-1628 Mar 03 j 05:21	4°♋45'41									
inferior conj	-1628 Mar 06 j 19:57	2°♋29'08	8°00'08		superior conj		-1626 Jul 25 j 10:30	16°♍46'01	1°14'10		
minimum elong	-1628 Mar 07 j 01:37	2°♋20'05	7°59'36		minimum elong		-1626 Jul 25 j 02:57	16°♍22'33	1°14'01		
min. Earth dist.	-1628 Mar 06 j 16:01	2°♋35'26	0.28875 AU				-1626 Aug 05 j 01:18	0°♈			
morning rise	-1628 Mar 10 j 22:06	29°♎55'22					-1626 Aug 29 j 01:15	0°♐			
	-1628 Mar 10 j 19:02	30°♌			evening rise		-1626 Aug 31 j 15:34	3°♌15'01			
direct	-1628 Mar 28 j 04:55	24°♌12'25					-1626 Sep 22 j 00:26	0°♊			
greatest brilliancy	-1628 Apr 09 j 03:14	26°♌44'34	-4.5m		desc. node		-1626 Oct 06 j 20:16	18°♊32'31			
	-1628 Apr 15 j 19:10	0°♋					-1626 Oct 16 j 00:30	0°♌			
desc. node	-1628 Apr 21 j 00:49	3°♋14'55					-1626 Nov 09 j 02:44	0°♊			
morning max el	-1628 May 15 j 22:56	23°♋58'57	45°46'29				-1626 Dec 03 j 09:03	0°♌			
	-1628 May 22 j 03:20	0°♐					-1626 Dec 27 j 23:34	0°♎			
	-1628 Jun 19 j 13:00	0°♌					-1625 Jan 22 j 06:43	0°♋			
	-1628 Jul 15 j 21:13	0°♋			asc. node		-1625 Jan 27 j 21:18	6°♋28'23			
	-1628 Aug 10 j 03:14	0°♍					-1625 Feb 18 j 01:01	0°♐			
asc. node	-1628 Aug 12 j 02:37	2°♍23'15			evening max el		-1625 Mar 07 j 02:16	17°♐28'24	45°30'36		
	-1628 Sep 03 j 16:11	0°♈					-1625 Mar 20 j 21:19	0°♌			
	-1628 Sep 27 j 18:21	0°♐			greatest brilliancy		-1625 Apr 10 j 03:14	13°♌43'31	-4.5m		
	-1628 Oct 21 j 15:05	0°♊			retrograde		-1625 Apr 24 j 17:43	17°♌25'34			
morning set	-1628 Nov 12 j 07:48	27°♊20'21			evening set		-1625 May 09 j 20:49	13°♌00'21			
	-1628 Nov 14 j 10:29	0°♌			inferior conj		-1625 May 16 j 04:08	9°♌14'15	0°46'43		
desc. node	-1628 Dec 01 j 18:03	21°♌47'12			minimum elong		-1625 May 16 j 05:51	9°♌11'35	0°46'15		
	-1628 Dec 08 j 06:58	0°♊			min. Earth dist.		-1625 May 16 j 13:31	8°♌59'37	0.29006 AU		
					desc. node		-1625 May 19 j 12:43	7°♌09'53			
superior conj	-1628 Dec 24 j 10:39	20°♊15'19	0°-50'-3		morning rise		-1625 May 22 j 14:38	5°♌23'03			
minimum elong	-1628 Dec 23 j 23:32	19°♊40'31	0°49'38		direct		-1625 Jun 06 j 21:52	0°♌53'46			
max. Earth dist.	-1628 Dec 28 j 16:29	25°♊33'52	1.71555 AU		greatest brilliancy		-1625 Jun 21 j 03:21	4°♌24'50	-4.5m		
	-1627 Jan 01 j 05:37	0°♌					-1625 Jul 24 j 20:24	0°♋			
	-1627 Jan 25 j 07:02	0°♎			morning max el		-1625 Jul 26 j 03:25	1°♋14'41	46°03'56		
evening rise	-1627 Feb 03 j 05:07	11°♎04'34					-1625 Aug 22 j 13:04	0°♍			

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1625 Sep 09 j 14:19	20° ♊ 37'30		evening max el	-1622 May 16 j 21:47	25° ♊ 28'16	45°19'24
	-1625 Sep 17 j 13:18	0° ♊			-1622 May 21 j 18:08	0° ♊	
	-1625 Oct 12 j 09:04	0° ♊		desc. node	-1622 Jun 16 j 00:40	19° ♊ 18'22	
	-1625 Nov 05 j 15:09	0° ♊		greatest brilliancy	-1622 Jun 22 j 10:12	22° ♊ 24'15	-4.5m
	-1625 Nov 29 j 16:00	0° ♊		retrograde	-1622 Jul 04 j 10:56	24° ♊ 57'09	
	-1625 Dec 23 j 16:18	0° ♊		evening set	-1622 Jul 21 j 04:13	19° ♊ 45'05	
desc. node	-1625 Dec 30 j 05:57	8° ♊ 11'36		inferior conj	-1622 Jul 25 j 16:34	17° ♊ 02'58	-7°-43'-22
	-1624 Jan 16 j 18:09	0° ♊		minimum elong	-1622 Jul 25 j 07:50	17° ♊ 16'22	7°42'07
morning set	-1624 Jan 29 j 12:01	15° ♊ 49'57		min. Earth dist.	-1622 Jul 26 j 01:06	16° ♊ 49'52	0.28181 AU
	-1624 Feb 09 j 22:09	0° ♊		morning rise	-1622 Jul 29 j 11:07	14° ♊ 45'42	
	-1624 Mar 05 j 04:23	0° ♊		direct	-1622 Aug 16 j 00:54	8° ♊ 58'15	
				greatest brilliancy	-1622 Aug 30 j 08:32	12° ♊ 36'44	-4.6m
superior conj	-1624 Mar 08 j 16:33	4° ♊ 19'41	-1°-19'-20		-1622 Sep 23 j 10:31	0° ♊	
minimum elong	-1624 Mar 08 j 23:00	4° ♊ 39'32	1°19'15	morning max el	-1622 Oct 05 j 09:26	11° ♊ 29'36	46°43'28
max. Earth dist.	-1624 Mar 11 j 02:29	7° ♊ 18'20	1.73132 AU	asc. node	-1622 Oct 07 j 02:08	13° ♊ 13'13	
	-1624 Mar 29 j 12:53	0° ♊			-1622 Oct 22 j 18:24	0° ♊	
evening rise	-1624 Apr 15 j 04:04	20° ♊ 25'30			-1622 Nov 17 j 19:06	0° ♊	
asc. node	-1624 Apr 21 j 07:13	27° ♊ 56'25			-1622 Dec 12 j 18:13	0° ♊	
	-1624 Apr 22 j 23:34	0° ♊			-1621 Jan 06 j 08:28	0° ♊	
	-1624 May 17 j 12:18	0° ♊		desc. node	-1621 Jan 26 j 17:46	24° ♊ 57'59	
	-1624 Jun 11 j 03:17	0° ♊			-1621 Jan 30 j 20:21	0° ♊	
	-1624 Jul 05 j 21:42	0° ♊			-1621 Feb 24 j 08:02	0° ♊	
	-1624 Jul 30 j 22:01	0° ♊			-1621 Mar 20 j 19:58	0° ♊	
desc. node	-1624 Aug 10 j 22:16	13° ♊ 03'51		morning set	-1621 Apr 10 j 16:13	25° ♊ 31'26	
	-1624 Aug 25 j 08:50	0° ♊			-1621 Apr 14 j 07:56	0° ♊	
	-1624 Sep 20 j 16:21	0° ♊			-1621 May 08 j 19:19	0° ♊	
evening max el	-1624 Oct 12 j 11:10	23° ♊ 15'32	47°28'49	max. Earth dist.	-1621 May 15 j 05:56	7° ♊ 54'25	1.73666 AU
	-1624 Oct 19 j 06:36	0° ♊					
greatest brilliancy	-1624 Nov 19 j 16:46	23° ♊ 55'04	-4.7m	superior conj	-1621 May 17 j 00:21	10° ♊ 04'35	0°-6'-35
asc. node	-1624 Dec 01 j 23:37	26° ♊ 58'00		minimum elong	-1621 May 17 j 01:39	10° ♊ 08'37	0°06'31
retrograde	-1624 Dec 02 j 11:09	26° ♊ 58'17		behind sun begin	-1621 May 16 j 05:12	9° ♊ 05'48	
evening set	-1624 Dec 17 j 10:03	22° ♊ 26'00		behind sun end	-1621 May 17 j 22:07	11° ♊ 11'25	
min. Earth dist.	-1624 Dec 22 j 02:29	19° ♊ 37'31	0.26979 AU	asc. node	-1621 May 19 j 19:15	13° ♊ 29'59	
inferior conj	-1624 Dec 23 j 03:35	18° ♊ 58'24	5°03'06		-1621 Jun 02 j 05:21	0° ♊	
minimum elong	-1624 Dec 22 j 18:20	19° ♊ 12'50	5°00'42	evening rise	-1621 Jun 21 j 17:24	24° ♊ 01'43	
morning rise	-1624 Dec 28 j 03:25	15° ♊ 58'01			-1621 Jun 26 j 13:34	0° ♊	
direct	-1623 Jan 12 j 15:02	11° ♊ 13'53			-1621 Jul 20 j 20:27	0° ♊	
greatest brilliancy	-1623 Jan 23 j 04:03	13° ♊ 19'02	-4.6m		-1621 Aug 14 j 03:23	0° ♊	
	-1623 Feb 17 j 13:21	0° ♊			-1621 Sep 07 j 12:07	0° ♊	
morning max el	-1623 Mar 03 j 02:00	12° ♊ 26'57	46°12'58	desc. node	-1621 Sep 08 j 10:19	1° ♊ 08'07	
	-1623 Mar 20 j 07:20	0° ♊			-1621 Oct 02 j 00:38	0° ♊	
desc. node	-1623 Mar 23 j 15:15	3° ♊ 32'38			-1621 Oct 26 j 20:06	0° ♊	
	-1623 Apr 16 j 15:20	0° ♊			-1621 Nov 21 j 06:27	0° ♊	
	-1623 May 12 j 18:09	0° ♊			-1621 Dec 18 j 06:45	0° ♊	
	-1623 Jun 07 j 04:42	0° ♊		evening max el	-1621 Dec 23 j 16:55	5° ♊ 36'19	46°48'39
	-1623 Jul 02 j 03:11	0° ♊		asc. node	-1621 Dec 30 j 11:33	12° ♊ 19'02	
asc. node	-1623 Jul 14 j 16:48	15° ♊ 19'16			-1620 Jan 20 j 13:20	0° ♊	
	-1623 Jul 26 j 15:23	0° ♊		greatest brilliancy	-1620 Jan 28 j 17:27	4° ♊ 49'43	-4.6m
	-1623 Aug 19 j 19:15	0° ♊		retrograde	-1620 Feb 12 j 04:40	8° ♊ 38'48	
morning set	-1623 Aug 27 j 06:46	9° ♊ 21'20		evening set	-1620 Feb 29 j 23:23	2° ♊ 32'04	
	-1623 Sep 12 j 17:31	0° ♊		inferior conj	-1620 Mar 04 j 12:23	0° ♊ 18'10	8°06'22
max. Earth dist.	-1623 Oct 04 j 13:02	27° ♊ 28'19	1.71050 AU	minimum elong	-1620 Mar 04 j 17:28	0° ♊ 10'03	8°05'57
				min. Earth dist.	-1620 Mar 04 j 07:37	0° ♊ 25'47	0.28838 AU
superior conj	-1623 Oct 05 j 01:54	28° ♊ 08'48	1°01'49		-1620 Mar 04 j 23:46	30° ♊	
minimum elong	-1623 Oct 05 j 12:47	28° ♊ 43'06	1°01'26	morning rise	-1620 Mar 08 j 11:44	27° ♊ 48'43	
	-1623 Oct 06 j 13:12	0° ♊		direct	-1620 Mar 25 j 20:06	22° ♊ 01'55	
	-1623 Oct 30 j 08:48	0° ♊		greatest brilliancy	-1620 Apr 06 j 17:51	24° ♊ 33'16	-4.5m
desc. node	-1623 Nov 03 j 08:19	5° ♊ 00'21			-1620 Apr 17 j 01:05	0° ♊	
evening rise	-1623 Nov 15 j 16:58	20° ♊ 32'21		desc. node	-1620 Apr 20 j 03:00	2° ♊ 03'25	
	-1623 Nov 23 j 05:53	0° ♊		morning max el	-1620 May 13 j 14:42	21° ♊ 49'07	45°46'42
	-1623 Dec 17 j 05:25	0° ♊			-1620 May 21 j 23:07	0° ♊	
	-1622 Jan 10 j 08:48	0° ♊			-1620 Jun 19 j 03:47	0° ♊	
	-1622 Feb 03 j 18:41	0° ♊			-1620 Jul 15 j 10:04	0° ♊	
asc. node	-1622 Feb 24 j 09:14	24° ♊ 55'18			-1620 Aug 09 j 15:09	0° ♊	
	-1622 Feb 28 j 15:12	0° ♊		asc. node	-1620 Aug 11 j 04:38	1° ♊ 53'21	
	-1622 Mar 26 j 04:52	0° ♊			-1620 Sep 03 j 03:37	0° ♊	
	-1622 Apr 22 j 00:28	0° ♊			-1620 Sep 27 j 05:32	0° ♊	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1620 Oct 21 j 02:10	0°♄		retrograde	-1617 Apr 22 j 10:18	15°♄17'54	
morning set	-1620 Nov 09 j 17:52	24°♄46'05		evening set	-1617 May 07 j 14:35	10°♄51'09	
	-1620 Nov 13 j 21:31	0°♍		inferior conj	-1617 May 13 j 20:38	7°♄06'11	1°06'07
desc. node	-1620 Nov 30 j 20:08	21°♍19'12		minimum elong	-1617 May 13 j 23:02	7°♄02'26	1°05'26
	-1620 Dec 07 j 17:58	0°♎		min. Earth dist.	-1617 May 14 j 05:53	6°♄51'43	0.29018 AU
				desc. node	-1617 May 18 j 14:48	4°♄11'46	
superior conj	-1620 Dec 21 j 20:15	17°♎40'46	0°-46'-47	morning rise	-1617 May 20 j 07:20	3°♄14'28	
minimum elong	-1620 Dec 21 j 09:29	17°♎07'02	0°46'23		-1617 May 27 j 16:46	30°♄17'54	
max. Earth dist.	-1620 Dec 25 j 21:28	22°♎45'03	1.71508 AU	direct	-1617 Jun 04 j 14:55	28°♄45'40	
	-1620 Dec 31 j 16:34	0°♏			-1617 Jun 12 j 20:07	0°♄	
	-1619 Jan 24 j 17:56	0°♐		greatest brilliancy	-1617 Jun 18 j 17:25	2°♄13'41	-4.5m
evening rise	-1619 Jan 31 j 17:34	8°♐40'31		morning max el	-1617 Jul 23 j 19:22	29°♄04'00	46°02'38
	-1619 Feb 17 j 23:00	0°♑			-1617 Jul 24 j 18:27	0°♑	
	-1619 Mar 14 j 09:01	0°♒			-1617 Aug 22 j 04:41	0°♑	
asc. node	-1619 Mar 23 j 21:24	11°♒36'38		asc. node	-1617 Sep 08 j 16:33	20°♑03'12	
	-1619 Apr 08 j 01:25	0°♓			-1617 Sep 17 j 02:45	0°♑	
	-1619 May 03 j 02:05	0°♑			-1617 Oct 11 j 21:32	0°♑	
	-1619 May 28 j 14:22	0°♑			-1617 Nov 05 j 03:05	0°♑	
	-1619 Jun 23 j 22:08	0°♑			-1617 Nov 29 j 03:36	0°♑	
desc. node	-1619 Jul 13 j 12:23	21°♑15'38			-1617 Dec 23 j 03:39	0°♑	
	-1619 Jul 21 j 23:32	0°♑		desc. node	-1617 Dec 29 j 07:59	7°♑42'44	
evening max el	-1619 Jul 28 j 16:54	6°♑40'01	46°26'20		-1616 Jan 16 j 05:18	0°♑	
	-1619 Aug 25 j 14:55	0°♑		morning set	-1616 Jan 26 j 23:50	13°♑23'24	
greatest brilliancy	-1619 Sep 06 j 03:36	5°♑54'59	-4.6m		-1616 Feb 09 j 09:08	0°♑	
retrograde	-1619 Sep 16 j 11:44	7°♑53'18			-1616 Mar 04 j 15:16	0°♑	
evening set	-1619 Oct 02 j 16:16	2°♑51'20					
inferior conj	-1619 Oct 07 j 02:39	0°♑14'13	-6°-22'-42	superior conj	-1616 Mar 06 j 07:52	2°♑05'16	-1°-20'-28
minimum elong	-1619 Oct 07 j 13:27	29°♑57'53	6°20'16	minimum elong	-1616 Mar 06 j 13:43	2°♑23'21	1°20'25
min. Earth dist.	-1619 Oct 07 j 16:13	29°♑53'43	0.26636 AU	max. Earth dist.	-1616 Mar 08 j 22:55	5°♑19'47	1.73088 AU
	-1619 Oct 07 j 12:03	30°♑			-1616 Mar 28 j 23:43	0°♑	
morning rise	-1619 Oct 12 j 10:16	27°♑07'02		evening rise	-1616 Apr 12 j 21:42	18°♑19'02	
direct	-1619 Oct 27 j 13:47	22°♑34'12		asc. node	-1616 Apr 20 j 09:23	27°♑29'45	
asc. node	-1619 Nov 03 j 13:52	23°♑32'01			-1616 Apr 22 j 10:28	0°♑	
greatest brilliancy	-1619 Nov 09 j 12:19	25°♑41'49	-4.7m		-1616 May 16 j 23:23	0°♑	
	-1619 Nov 17 j 06:22	0°♑			-1616 Jun 10 j 14:44	0°♑	
morning max el	-1619 Dec 17 j 07:45	26°♑05'00	46°51'05		-1616 Jul 05 j 09:44	0°♑	
	-1619 Dec 21 j 03:12	0°♑			-1616 Jul 30 j 10:59	0°♑	
	-1618 Jan 17 j 12:28	0°♑		desc. node	-1616 Aug 10 j 00:21	12°♑30'00	
	-1618 Feb 12 j 10:54	0°♑			-1616 Aug 24 j 23:23	0°♑	
desc. node	-1618 Feb 23 j 05:35	12°♑41'05			-1616 Sep 20 j 10:02	0°♑	
	-1618 Mar 09 j 20:01	0°♑		evening max el	-1616 Oct 10 j 02:02	20°♑53'12	47°28'07
	-1618 Apr 03 j 22:23	0°♑			-1616 Oct 19 j 09:24	0°♑	
	-1618 Apr 28 j 20:07	0°♑		greatest brilliancy	-1616 Nov 17 j 09:42	21°♑31'59	-4.7m
	-1618 May 23 j 13:27	0°♑		retrograde	-1616 Nov 30 j 00:39	24°♑31'03	
asc. node	-1618 Jun 16 j 07:03	29°♑02'04		asc. node	-1616 Dec 01 j 01:42	24°♑29'42	
morning set	-1618 Jun 16 j 18:51	29°♑38'20		evening set	-1616 Dec 14 j 21:17	20°♑03'07	
	-1618 Jun 17 j 01:55	0°♑		min. Earth dist.	-1616 Dec 19 j 16:37	17°♑10'34	0.26912 AU
	-1618 Jul 11 j 09:13	0°♑		inferior conj	-1616 Dec 20 j 16:54	16°♑32'43	4°44'10
max. Earth dist.	-1618 Jul 19 j 02:27	9°♑34'37	1.72549 AU	minimum elong	-1616 Dec 20 j 07:57	16°♑46'40	4°41'46
				morning rise	-1616 Dec 25 j 19:25	13°♑28'28	
superior conj	-1618 Jul 23 j 03:56	14°♑37'34	1°12'34	direct	-1615 Jan 10 j 03:47	8°♑49'28	
minimum elong	-1618 Jul 22 j 20:05	14°♑13'07	1°12'24	greatest brilliancy	-1615 Jan 20 j 17:26	10°♑54'59	-4.6m
	-1618 Aug 04 j 12:05	0°♑			-1615 Feb 17 j 19:42	0°♑	
	-1618 Aug 28 j 12:12	0°♑		morning max el	-1615 Feb 28 j 14:44	10°♑04'33	46°14'18
evening rise	-1618 Aug 29 j 05:57	0°♑55'31			-1615 Mar 20 j 01:19	0°♑	
	-1618 Sep 21 j 11:35	0°♑		desc. node	-1615 Mar 22 j 17:30	2°♑51'57	
desc. node	-1618 Oct 05 j 22:26	18°♑04'06			-1615 Apr 16 j 05:44	0°♑	
	-1618 Oct 15 j 11:52	0°♑			-1615 May 12 j 06:55	0°♑	
	-1618 Nov 08 j 14:23	0°♑			-1615 Jun 06 j 16:35	0°♑	
	-1618 Dec 02 j 21:06	0°♑			-1615 Jul 01 j 14:34	0°♑	
	-1618 Dec 27 j 12:19	0°♑		asc. node	-1615 Jul 13 j 18:52	14°♑51'13	
	-1617 Jan 21 j 20:49	0°♑			-1615 Jul 26 j 02:31	0°♑	
asc. node	-1617 Jan 26 j 23:18	5°♑52'27			-1615 Aug 19 j 06:17	0°♑	
	-1617 Feb 17 j 18:26	0°♑		morning set	-1615 Aug 24 j 21:45	7°♑03'31	
evening max el	-1617 Mar 04 j 19:00	15°♑19'39	45°32'28		-1615 Sep 12 j 04:31	0°♑	
	-1617 Mar 21 j 04:27	0°♑		max. Earth dist.	-1615 Oct 01 j 17:14	24°♑35'31	1.71079 AU
greatest brilliancy	-1617 Apr 07 j 19:54	11°♑36'11	-4.5m				

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1615 Oct 02 j 13:54	25° \mathbb{M} 40'37	1°04'19	min. Earth dist.	-1612 Mar 01 j 22:45	28° \approx 14'44	0.28803 AU
minimum elong	-1615 Oct 03 j 00:37	26° \mathbb{M} 14'22	1°03'58	morning rise	-1612 Mar 06 j 01:22	25° \approx 40'04	
	-1615 Oct 06 j 00:16	0° $\underline{\mathbb{A}}$		direct	-1612 Mar 23 j 11:27	19° \approx 49'32	
	-1615 Oct 29 j 19:59	0° \mathbb{M}		greatest brilliancy	-1612 Apr 04 j 08:18	22° \approx 20'16	-4.5m
desc. node	-1615 Nov 02 j 10:23	4° \mathbb{M} 31'41			-1612 Apr 17 j 23:30	0° \mathbb{X}	
evening rise	-1615 Nov 13 j 02:11	17° \mathbb{M} 55'17		desc. node	-1612 Apr 19 j 05:03	0° \mathbb{X} 52'19	
	-1615 Nov 22 j 17:10	0° \mathbb{X}		morning max el	-1612 May 11 j 07:05	19° \mathbb{X} 39'30	45°46'58
	-1615 Dec 16 j 16:48	0° \mathbb{Z}			-1612 May 21 j 18:47	0° \mathbb{Y}	
	-1614 Jan 09 j 20:21	0° \approx			-1612 Jun 18 j 18:46	0° \mathbb{B}	
	-1614 Feb 03 j 06:31	0° \mathbb{X}			-1612 Jul 14 j 23:12	0° \mathbb{I}	
asc. node	-1614 Feb 23 j 11:28	24° \mathbb{X} 25'02			-1612 Aug 09 j 03:22	0° \mathbb{S}	
	-1614 Feb 28 j 03:40	0° \mathbb{Y}		asc. node	-1612 Aug 10 j 06:47	1° \mathbb{S} 23'00	
	-1614 Mar 25 j 18:38	0° \mathbb{B}			-1612 Sep 02 j 15:21	0° \mathbb{Q}	
	-1614 Apr 21 j 17:10	0° \mathbb{I}			-1612 Sep 26 j 17:03	0° \mathbb{M}	
evening max el	-1614 May 14 j 11:39	23° \mathbb{I} 11'56	45°18'19		-1612 Oct 20 j 13:34	0° $\underline{\mathbb{A}}$	
	-1614 May 21 j 20:21	0° \mathbb{S}		morning set	-1612 Nov 07 j 04:26	22° $\underline{\mathbb{A}}$ 12'29	
desc. node	-1614 Jun 15 j 02:43	17° \mathbb{S} 51'26			-1612 Nov 13 j 08:50	0° \mathbb{M}	
greatest brilliancy	-1614 Jun 19 j 21:37	20° \mathbb{S} 05'52	-4.5m	desc. node	-1612 Nov 29 j 22:10	20° \mathbb{M} 50'13	
retrograde	-1614 Jul 02 j 00:58	22° \mathbb{S} 41'58			-1612 Dec 07 j 05:13	0° \mathbb{X}	
evening set	-1614 Jul 18 j 15:05	17° \mathbb{S} 34'22					
inferior conj	-1614 Jul 23 j 07:13	14° \mathbb{S} 47'05	-7°-32'-28	superior conj	-1612 Dec 19 j 06:05	15° \mathbb{X} 06'05	0°-43'-26
minimum elong	-1614 Jul 22 j 22:04	15° \mathbb{S} 01'06	7°31'04	minimum elong	-1612 Dec 18 j 19:47	14° \mathbb{X} 33'46	0°43'03
min. Earth dist.	-1614 Jul 23 j 15:41	14° \mathbb{S} 34'05	0.28222 AU	max. Earth dist.	-1612 Dec 23 j 06:13	20° \mathbb{X} 07'10	1.71463 AU
morning rise	-1614 Jul 27 j 04:41	12° \mathbb{S} 25'34			-1612 Dec 31 j 03:45	0° \mathbb{Z}	
direct	-1614 Aug 13 j 15:34	6° \mathbb{S} 41'24			-1611 Jan 24 j 05:07	0° \approx	
greatest brilliancy	-1614 Aug 28 j 01:28	10° \mathbb{S} 21'54	-4.6m	evening rise	-1611 Jan 29 j 06:12	6° \approx 16'06	
	-1614 Sep 23 j 14:09	0° \mathbb{Q}			-1611 Feb 17 j 10:14	0° \mathbb{X}	
morning max el	-1614 Oct 02 j 23:15	9° \mathbb{Q} 06'44	46°42'30		-1611 Mar 13 j 20:24	0° \mathbb{Y}	
asc. node	-1614 Oct 06 j 04:16	12° \mathbb{Q} 23'34		asc. node	-1611 Mar 22 j 23:29	11° \mathbb{Y} 08'03	
	-1614 Oct 22 j 11:55	0° \mathbb{M}			-1611 Apr 07 j 13:09	0° \mathbb{B}	
	-1614 Nov 17 j 09:39	0° $\underline{\mathbb{A}}$			-1611 May 02 j 14:27	0° \mathbb{I}	
	-1614 Dec 12 j 07:26	0° \mathbb{M}			-1611 May 28 j 03:57	0° \mathbb{S}	
	-1613 Jan 05 j 20:55	0° \mathbb{X}			-1611 Jun 23 j 14:07	0° \mathbb{Q}	
desc. node	-1613 Jan 25 j 19:50	24° \mathbb{X} 27'36		desc. node	-1611 Jul 12 j 14:31	20° \mathbb{Q} 30'21	
	-1613 Jan 30 j 08:16	0° \mathbb{Z}			-1611 Jul 21 j 21:29	0° \mathbb{M}	
	-1613 Feb 23 j 19:32	0° \approx		evening max el	-1611 Jul 26 j 06:49	4° \mathbb{M} 18'59	46°23'23
	-1613 Mar 20 j 07:10	0° \mathbb{X}			-1611 Aug 27 j 05:12	0° $\underline{\mathbb{A}}$	
morning set	-1613 Apr 08 j 09:41	23° \mathbb{X} 24'06		greatest brilliancy	-1611 Sep 03 j 14:52	3° $\underline{\mathbb{A}}$ 25'57	-4.6m
	-1613 Apr 13 j 18:56	0° \mathbb{Y}		retrograde	-1611 Sep 14 j 00:01	5° $\underline{\mathbb{A}}$ 24'29	
	-1613 May 08 j 06:14	0° \mathbb{B}		evening set	-1611 Sep 30 j 07:42	0° $\underline{\mathbb{A}}$ 17'42	
max. Earth dist.	-1613 May 13 j 03:20	5° \mathbb{B} 59'17	1.73680 AU		-1611 Sep 30 j 20:06	30° \mathbb{R} \mathbb{M}	
				inferior conj	-1611 Oct 04 j 14:43	27° \mathbb{M} 45'09	-6°-39'-13
superior conj	-1613 May 14 j 18:53	8° \mathbb{B} 00'43	0°-9'-40	minimum elong	-1611 Oct 05 j 01:31	27° \mathbb{M} 28'50	6°36'55
minimum elong	-1613 May 14 j 20:48	8° \mathbb{B} 06'37	0°09'34	min. Earth dist.	-1611 Oct 05 j 04:40	27° \mathbb{M} 24'04	0.26680 AU
behind sun begin	-1613 May 14 j 02:53	7° \mathbb{B} 11'34		morning rise	-1611 Oct 09 j 19:02	24° \mathbb{M} 42'37	
behind sun end	-1613 May 15 j 14:44	9° \mathbb{B} 01'40		direct	-1611 Oct 25 j 03:13	20° \mathbb{M} 04'39	
asc. node	-1613 May 18 j 21:14	13° \mathbb{B} 02'38		asc. node	-1611 Nov 02 j 15:53	21° \mathbb{M} 29'36	
	-1613 Jun 01 j 16:17	0° \mathbb{I}		greatest brilliancy	-1611 Nov 07 j 01:59	23° \mathbb{M} 13'10	-4.7m
evening rise	-1613 Jun 19 j 12:31	21° \mathbb{I} 58'40			-1611 Nov 18 j 10:38	0° $\underline{\mathbb{A}}$	
	-1613 Jun 26 j 00:39	0° \mathbb{S}		morning max el	-1611 Dec 14 j 21:57	23° $\underline{\mathbb{A}}$ 40'13	46°51'52
	-1613 Jul 20 j 07:46	0° \mathbb{Q}			-1611 Dec 21 j 00:38	0° \mathbb{M}	
	-1613 Aug 13 j 15:02	0° \mathbb{M}			-1610 Jan 17 j 04:33	0° \mathbb{X}	
	-1613 Sep 07 j 00:15	0° $\underline{\mathbb{A}}$			-1610 Feb 12 j 00:46	0° \mathbb{Z}	
desc. node	-1613 Sep 07 j 12:31	0° $\underline{\mathbb{A}}$ 37'40		desc. node	-1610 Feb 22 j 07:49	12° \mathbb{Z} 08'23	
	-1613 Oct 01 j 13:24	0° \mathbb{M}			-1610 Mar 09 j 08:41	0° \approx	
	-1613 Oct 26 j 09:51	0° \mathbb{X}			-1610 Apr 03 j 10:20	0° \mathbb{X}	
	-1613 Nov 20 j 22:02	0° \mathbb{Z}			-1610 Apr 28 j 07:36	0° \mathbb{Y}	
	-1613 Dec 18 j 03:03	0° \approx			-1610 May 23 j 00:38	0° \mathbb{B}	
evening max el	-1613 Dec 21 j 07:44	3° \approx 16'57	46°51'18	morning set	-1610 Jun 14 j 13:16	27° \mathbb{B} 33'37	
asc. node	-1613 Dec 29 j 13:34	11° \approx 24'14		asc. node	-1610 Jun 15 j 09:08	28° \mathbb{B} 34'37	
	-1612 Jan 21 j 16:50	0° \mathbb{X}			-1610 Jun 16 j 12:56	0° \mathbb{I}	
greatest brilliancy	-1612 Jan 26 j 09:28	2° \mathbb{X} 35'34	-4.6m		-1610 Jul 10 j 20:12	0° \mathbb{S}	
retrograde	-1612 Feb 09 j 21:26	6° \mathbb{X} 26'05		max. Earth dist.	-1610 Jul 16 j 18:39	7° \mathbb{S} 21'45	1.72605 AU
evening set	-1612 Feb 27 j 17:01	0° \mathbb{X} 16'53					
	-1612 Feb 28 j 03:59	30° \mathbb{R} \approx		superior conj	-1610 Jul 20 j 21:23	12° \mathbb{S} 28'21	1°10'52
inferior conj	-1612 Mar 02 j 04:39	28° \approx 05'18	8°11'50	minimum elong	-1610 Jul 20 j 13:16	12° \mathbb{S} 03'07	1°10'41
minimum elong	-1612 Mar 02 j 09:06	27° \approx 58'13	8°11'32		-1610 Aug 03 j 23:09	0° \mathbb{Q}	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening rise	-1610 Aug 26 j 20:26	28°♊35'32		morning max el	-1607 Feb 26 j 03:19	7°♊41'10	46°15'53
	-1610 Aug 27 j 23:26	0°♎			-1607 Mar 19 j 18:58	0°♎	
	-1610 Sep 20 j 23:02	0°♊		desc. node	-1607 Mar 21 j 19:27	2°♎10'43	
desc. node	-1610 Oct 05 j 00:27	17°♊34'12			-1607 Apr 15 j 20:00	0°♎	
	-1610 Oct 14 j 23:34	0°♎			-1607 May 11 j 19:35	0°♎	
	-1610 Nov 08 j 02:22	0°♎			-1607 Jun 06 j 04:25	0°♎	
	-1610 Dec 02 j 09:30	0°♊			-1607 Jul 01 j 01:57	0°♊	
	-1610 Dec 27 j 01:22	0°♎		asc. node	-1607 Jul 12 j 21:03	14°♊23'29	
	-1609 Jan 21 j 11:16	0°♎			-1607 Jul 25 j 13:41	0°♎	
asc. node	-1609 Jan 26 j 01:32	5°♎16'23			-1607 Aug 18 j 17:22	0°♊	
	-1609 Feb 17 j 12:24	0°♎		morning set	-1607 Aug 22 j 12:41	4°♊45'25	
evening max el	-1609 Mar 02 j 11:07	13°♎08'49	45°34'18		-1607 Sep 11 j 15:36	0°♎	
	-1609 Mar 21 j 14:27	0°♎		max. Earth dist.	-1607 Sep 28 j 23:42	21°♎49'38	1.71109 AU
greatest brilliancy	-1609 Apr 05 j 13:02	9°♎29'06	-4.5m				
retrograde	-1609 Apr 20 j 02:37	13°♎10'06		superior conj	-1607 Sep 30 j 01:52	23°♎12'02	1°06'41
evening set	-1609 May 05 j 08:37	8°♎41'37		minimum elong	-1607 Sep 30 j 12:20	23°♎45'01	1°06'22
inferior conj	-1609 May 11 j 13:20	4°♎58'03	1°25'13		-1607 Oct 05 j 11:24	0°♊	
minimum elong	-1609 May 11 j 16:24	4°♎53'15	1°24'22		-1607 Oct 29 j 07:12	0°♎	
min. Earth dist.	-1609 May 11 j 22:43	4°♎43'20	0.29033 AU	desc. node	-1607 Nov 01 j 12:23	4°♎02'42	
desc. node	-1609 May 17 j 16:50	1°♎15'46		evening rise	-1607 Nov 10 j 11:19	15°♎17'55	
morning rise	-1609 May 18 j 00:02	1°♎05'50			-1607 Nov 22 j 04:29	0°♎	
	-1609 May 20 j 02:35	30°♎			-1607 Dec 16 j 04:13	0°♊	
direct	-1609 Jun 02 j 07:51	26°♎37'26			-1606 Jan 09 j 07:55	0°♎	
	-1609 Jun 16 j 05:45	0°♎			-1606 Feb 02 j 18:24	0°♎	
greatest brilliancy	-1609 Jun 16 j 07:43	0°♎02'14	-4.5m	asc. node	-1606 Feb 22 j 13:32	23°♎54'13	
morning max el	-1609 Jul 21 j 10:37	26°♎50'52	46°01'20		-1606 Feb 27 j 16:11	0°♎	
	-1609 Jul 24 j 16:00	0°♊			-1606 Mar 25 j 08:28	0°♎	
	-1609 Aug 21 j 20:20	0°♎			-1606 Apr 21 j 10:03	0°♊	
asc. node	-1609 Sep 07 j 18:42	19°♎28'08		evening max el	-1606 May 12 j 02:02	20°♊57'35	45°17'28
	-1609 Sep 16 j 16:20	0°♊			-1606 May 21 j 23:49	0°♎	
	-1609 Oct 11 j 10:09	0°♎		desc. node	-1606 Jun 14 j 04:47	16°♎22'32	
	-1609 Nov 04 j 15:11	0°♊		greatest brilliancy	-1606 Jun 17 j 08:11	17°♎47'34	-4.5m
	-1609 Nov 28 j 15:22	0°♎		retrograde	-1606 Jun 29 j 15:44	20°♎28'02	
	-1609 Dec 22 j 15:11	0°♎		evening set	-1606 Jul 16 j 02:14	15°♎24'35	
desc. node	-1609 Dec 28 j 10:04	7°♎13'24		inferior conj	-1606 Jul 20 j 22:03	12°♎32'13	-7°-20'-57
	-1608 Jan 15 j 16:38	0°♊		minimum elong	-1606 Jul 20 j 12:34	12°♎46'45	7°19'24
morning set	-1608 Jan 24 j 11:43	10°♎56'16		min. Earth dist.	-1606 Jul 21 j 06:05	12°♎19'56	0.28268 AU
	-1608 Feb 08 j 20:18	0°♎		morning rise	-1606 Jul 24 j 22:31	10°♎06'30	
				direct	-1606 Aug 11 j 06:52	4°♎25'34	
superior conj	-1608 Mar 03 j 23:22	29°♎51'04	-1°-21'-28	greatest brilliancy	-1606 Aug 25 j 19:00	8°♎08'39	-4.6m
minimum elong	-1608 Mar 04 j 04:37	0°♎07'15	1°21'26		-1606 Sep 23 j 16:11	0°♊	
	-1608 Mar 04 j 02:16	0°♎		morning max el	-1606 Sep 30 j 14:15	6°♊47'15	46°41'19
max. Earth dist.	-1608 Mar 06 j 19:18	3°♎20'42	1.73037 AU	asc. node	-1606 Oct 05 j 06:15	11°♊34'27	
	-1608 Mar 28 j 10:39	0°♎			-1606 Oct 22 j 05:04	0°♎	
evening rise	-1608 Apr 10 j 15:29	16°♎12'45			-1606 Nov 17 j 00:03	0°♊	
asc. node	-1608 Apr 19 j 11:24	27°♎02'16			-1606 Dec 11 j 20:31	0°♎	
	-1608 Apr 21 j 21:27	0°♎			-1605 Jan 05 j 09:14	0°♎	
	-1608 May 16 j 10:36	0°♊		desc. node	-1605 Jan 24 j 22:01	23°♎57'56	
	-1608 Jun 10 j 02:22	0°♎			-1605 Jan 29 j 20:02	0°♊	
	-1608 Jul 04 j 21:59	0°♊			-1605 Feb 23 j 06:55	0°♎	
	-1608 Jul 30 j 00:14	0°♎			-1605 Mar 19 j 18:15	0°♎	
desc. node	-1608 Aug 09 j 02:30	11°♎55'38		morning set	-1605 Apr 06 j 03:09	21°♎17'03	
	-1608 Aug 24 j 14:18	0°♊			-1605 Apr 13 j 05:49	0°♎	
	-1608 Sep 20 j 04:18	0°♎			-1605 May 07 j 17:01	0°♎	
evening max el	-1608 Oct 07 j 15:42	18°♎27'27	47°27'19	max. Earth dist.	-1605 May 11 j 02:08	4°♎08'56	1.73687 AU
	-1608 Oct 19 j 14:02	0°♎					
greatest brilliancy	-1608 Nov 15 j 02:33	19°♎08'06	-4.7m	superior conj	-1605 May 12 j 13:35	5°♎57'47	0°-12'-43
retrograde	-1608 Nov 27 j 13:38	22°♎03'12		minimum elong	-1605 May 12 j 16:07	6°♎05'34	0°12'36
asc. node	-1608 Nov 30 j 03:47	21°♎54'53		behind sun begin	-1605 May 12 j 02:30	5°♎23'44	
evening set	-1608 Dec 12 j 08:35	17°♎39'04		behind sun end	-1605 May 13 j 05:45	6°♎47'24	
min. Earth dist.	-1608 Dec 17 j 06:58	14°♎42'26	0.26849 AU	asc. node	-1605 May 17 j 23:22	12°♎36'13	
inferior conj	-1608 Dec 18 j 06:07	14°♎06'22	4°24'38		-1605 Jun 01 j 03:03	0°♊	
minimum elong	-1608 Dec 17 j 21:34	14°♎19'43	4°22'16	evening rise	-1605 Jun 17 j 07:58	19°♊57'21	
morning rise	-1608 Dec 23 j 11:15	10°♎58'22			-1605 Jun 25 j 11:30	0°♎	
direct	-1607 Jan 07 j 16:01	6°♎24'04			-1605 Jul 19 j 18:53	0°♊	
greatest brilliancy	-1607 Jan 18 j 07:51	8°♎31'17	-4.6m		-1605 Aug 13 j 02:32	0°♎	
	-1607 Feb 18 j 00:14	0°♊		desc. node	-1605 Sep 06 j 14:30	0°♊06'50	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1605 Sep 06 j 12:16	0°♊		desc. node	-1602 Feb 21 j 09:48	11°♊35'40	
	-1605 Oct 01 j 02:08	0°♋			-1602 Mar 08 j 21:05	0°♋	
	-1605 Oct 25 j 23:38	0°♌			-1602 Apr 02 j 22:00	0°♌	
	-1605 Nov 20 j 13:48	0°♍			-1602 Apr 27 j 18:47	0°♍	
	-1605 Dec 17 j 23:58	0°♎			-1602 May 22 j 11:31	0°♎	
evening max el	-1605 Dec 18 j 23:20	0°♎59'38	46°54'02	morning set	-1602 Jun 12 j 07:34	25°♎29'28	
asc. node	-1605 Dec 28 j 15:45	10°♎28'57		asc. node	-1602 Jun 14 j 11:17	28°♎08'17	
	-1604 Jan 23 j 08:24	0°♏			-1602 Jun 15 j 23:39	0°♏	
greatest brilliancy	-1604 Jan 24 j 01:45	0°♏21'50	-4.6m		-1602 Jul 10 j 06:54	0°♏	
retrograde	-1604 Feb 07 j 14:22	4°♏13'04		max. Earth dist.	-1602 Jul 14 j 10:17	5°♏08'05	1.72659 AU
	-1604 Feb 22 j 01:21	30°♏					
evening set	-1604 Feb 25 j 10:17	28°♏01'49		superior conj	-1602 Jul 18 j 15:02	10°♏20'47	1°09'05
inferior conj	-1604 Feb 28 j 20:43	25°♏52'11	8°16'46	minimum elong	-1602 Jul 18 j 06:42	9°♏54'56	1°08'52
minimum elong	-1604 Feb 29 j 00:30	25°♏46'10	8°16'32		-1602 Aug 03 j 09:55	0°♐	
min. Earth dist.	-1604 Feb 28 j 13:18	26°♏03'59	0.28763 AU	evening rise	-1602 Aug 24 j 11:22	26°♐18'09	
morning rise	-1604 Mar 03 j 14:56	23°♏31'01			-1602 Aug 27 j 10:20	0°♑	
direct	-1604 Mar 21 j 03:08	17°♏37'06			-1602 Sep 20 j 10:06	0°♑	
greatest brilliancy	-1604 Apr 01 j 21:47	20°♏06'22	-4.5m	desc. node	-1602 Oct 04 j 02:30	17°♑05'35	
desc. node	-1604 Apr 18 j 07:06	29°♏43'36			-1602 Oct 14 j 10:53	0°♒	
	-1604 Apr 18 j 15:56	0°♓			-1602 Nov 07 j 14:00	0°♓	
morning max el	-1604 May 08 j 23:46	17°♓31'17	45°47'20		-1602 Dec 01 j 21:36	0°♓	
	-1604 May 21 j 13:40	0°♑			-1602 Dec 26 j 14:14	0°♑	
	-1604 Jun 18 j 09:17	0°♒			-1601 Jan 21 j 01:38	0°♒	
	-1604 Jul 14 j 11:55	0°♓		asc. node	-1601 Jan 25 j 03:35	4°♓40'05	
	-1604 Aug 08 j 15:12	0°♑			-1601 Feb 17 j 06:37	0°♑	
asc. node	-1604 Aug 09 j 08:55	0°♑53'38		evening max el	-1601 Feb 28 j 02:07	10°♑55'33	45°36'15
	-1604 Sep 02 j 02:45	0°♒			-1601 Mar 22 j 03:46	0°♒	
	-1604 Sep 26 j 04:15	0°♑		greatest brilliancy	-1601 Apr 03 j 05:39	7°♒21'26	-4.5m
	-1604 Oct 20 j 00:42	0°♑		retrograde	-1601 Apr 17 j 18:33	11°♒02'28	
morning set	-1604 Nov 04 j 14:54	19°♑39'13		evening set	-1601 May 03 j 02:34	6°♒31'53	
	-1604 Nov 12 j 19:57	0°♒		inferior conj	-1601 May 09 j 05:51	2°♒50'06	1°44'16
desc. node	-1604 Nov 29 j 00:20	20°♒22'13		minimum elong	-1601 May 09 j 09:34	2°♒44'16	1°43'15
	-1604 Dec 06 j 16:17	0°♓		min. Earth dist.	-1601 May 09 j 15:37	2°♒34'46	0.29045 AU
					-1601 May 13 j 20:31	30°♒	
superior conj	-1604 Dec 16 j 15:20	12°♓29'56	0°-39'-57	morning rise	-1601 May 15 j 16:23	28°♓57'35	
minimum elong	-1604 Dec 16 j 05:35	11°♓59'22	0°39'34	desc. node	-1601 May 16 j 18:58	28°♓21'59	
max. Earth dist.	-1604 Dec 20 j 15:54	17°♓32'35	1.71419 AU	direct	-1601 May 31 j 00:04	24°♓29'15	
	-1604 Dec 30 j 14:46	0°♓		greatest brilliancy	-1601 Jun 13 j 22:33	27°♓51'49	-4.5m
	-1603 Jan 23 j 16:06	0°♑			-1601 Jun 18 j 03:43	0°♒	
evening rise	-1603 Jan 26 j 18:13	3°♑50'16		morning max el	-1601 Jul 19 j 01:11	24°♒36'50	46°00'13
	-1603 Feb 16 j 21:15	0°♓			-1601 Jul 24 j 12:31	0°♓	
	-1603 Mar 13 j 07:35	0°♑			-1601 Aug 21 j 11:27	0°♑	
asc. node	-1603 Mar 22 j 01:29	10°♑39'50		asc. node	-1601 Sep 06 j 20:37	18°♑53'39	
	-1603 Apr 07 j 00:40	0°♒			-1601 Sep 16 j 05:29	0°♒	
	-1603 May 02 j 02:38	0°♓			-1601 Oct 10 j 22:21	0°♑	
	-1603 May 27 j 17:21	0°♑			-1601 Nov 04 j 02:51	0°♑	
	-1603 Jun 23 j 06:00	0°♒			-1601 Nov 28 j 02:43	0°♒	
desc. node	-1603 Jul 11 j 16:42	19°♒45'49			-1601 Dec 22 j 02:20	0°♓	
	-1603 Jul 21 j 19:45	0°♑		desc. node	-1601 Dec 27 j 12:12	6°♓45'25	
evening max el	-1603 Jul 23 j 20:50	1°♑59'39	46°20'31		-1600 Jan 15 j 03:39	0°♓	
	-1603 Aug 29 j 14:46	0°♑		morning set	-1600 Jan 21 j 23:15	8°♓28'58	
greatest brilliancy	-1603 Sep 01 j 02:47	0°♑59'41	-4.6m		-1600 Feb 08 j 07:10	0°♑	
retrograde	-1603 Sep 11 j 12:03	2°♑57'41					
	-1603 Sep 23 j 17:26	30°♒		superior conj	-1600 Mar 01 j 14:23	27°♒36'00	-1°-22'-21
evening set	-1603 Sep 27 j 23:21	27°♒46'23		minimum elong	-1600 Mar 01 j 18:57	27°♒50'04	1°22'20
inferior conj	-1603 Oct 02 j 03:03	25°♒18'13	-6°-54'-45		-1600 Mar 03 j 13:02	0°♓	
minimum elong	-1603 Oct 02 j 13:43	25°♒02'03	6°52'35	max. Earth dist.	-1600 Mar 04 j 13:06	1°♓14'18	1.72988 AU
min. Earth dist.	-1603 Oct 02 j 17:19	24°♒56'36	0.26728 AU		-1600 Mar 27 j 21:22	0°♑	
morning rise	-1603 Oct 07 j 03:51	22°♒20'21		evening rise	-1600 Apr 08 j 08:38	14°♑05'05	
direct	-1603 Oct 22 j 16:41	17°♒37'17		asc. node	-1600 Apr 18 j 13:30	26°♑35'41	
asc. node	-1603 Nov 01 j 18:03	19°♒33'49			-1600 Apr 21 j 08:15	0°♒	
greatest brilliancy	-1603 Nov 04 j 15:40	20°♒46'00	-4.7m		-1600 May 15 j 21:37	0°♓	
	-1603 Nov 19 j 06:41	0°♑			-1600 Jun 09 j 13:47	0°♑	
morning max el	-1603 Dec 12 j 11:16	21°♑13'53	46°52'15		-1600 Jul 04 j 10:04	0°♒	
	-1603 Dec 20 j 21:04	0°♒			-1600 Jul 29 j 13:20	0°♑	
	-1602 Jan 16 j 20:11	0°♓		desc. node	-1600 Aug 08 j 04:29	11°♑21'14	
	-1602 Feb 11 j 14:20	0°♓			-1600 Aug 24 j 05:08	0°♑	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1600 Sep 19 j 22:40	0° \mathbb{M}				-1597 May 07 j 03:44	0° \mathcal{B}	
evening max el	-1600 Oct 05 j 04:42	16° \mathbb{M} 01'05	47°26'38	max. Earth dist.		-1597 May 09 j 01:45	2° \mathcal{B} 21'15	1.73697 AU
	-1600 Oct 19 j 20:08	0° \mathcal{A}						
greatest brilliancy	-1600 Nov 12 j 18:50	16° \mathcal{A} 44'43	-4.7m	superior conj		-1597 May 10 j 08:12	3° \mathcal{B} 54'42	0°-15'-46
retrograde	-1600 Nov 25 j 02:48	19° \mathcal{A} 36'58		minimum elong		-1597 May 10 j 11:20	4° \mathcal{B} 04'18	0°15'37
asc. node	-1600 Nov 29 j 05:55	19° \mathcal{A} 15'41		behind sun begin		-1597 May 10 j 07:56	3° \mathcal{B} 53'54	
evening set	-1600 Dec 09 j 20:08	15° \mathcal{A} 15'53		behind sun end		-1597 May 10 j 14:44	4° \mathcal{B} 14'43	
min. Earth dist.	-1600 Dec 14 j 21:23	12° \mathcal{A} 15'41	0.26790 AU	asc. node		-1597 May 17 j 01:31	12° \mathcal{B} 09'55	
inferior conj	-1600 Dec 15 j 19:25	11° \mathcal{A} 41'26	4°04'33			-1597 May 31 j 13:48	0° \mathbb{I}	
minimum elong	-1600 Dec 15 j 11:19	11° \mathcal{A} 54'02	4°02'14	evening rise		-1597 Jun 15 j 03:12	17° \mathbb{I} 55'25	
morning rise	-1600 Dec 21 j 03:08	8° \mathcal{A} 29'59				-1597 Jun 24 j 22:24	0° \mathcal{E}	
direct	-1599 Jan 05 j 04:09	3° \mathcal{A} 59'50				-1597 Jul 19 j 06:02	0° \mathcal{Q}	
greatest brilliancy	-1599 Jan 15 j 22:47	6° \mathcal{A} 09'29	-4.6m			-1597 Aug 12 j 14:05	0° \mathbb{M}	
	-1599 Feb 18 j 02:38	0° \mathcal{Z}		desc. node		-1597 Sep 05 j 16:34	29° \mathbb{M} 36'08	
morning max el	-1599 Feb 23 j 16:25	5° \mathcal{Z} 19'53	46°17'18			-1597 Sep 06 j 00:22	0° \mathcal{A}	
	-1599 Mar 19 j 11:56	0° \approx				-1597 Sep 30 j 14:57	0° \mathbb{M}	
desc. node	-1599 Mar 20 j 21:33	1° \approx 31'08				-1597 Oct 25 j 13:34	0° \mathcal{A}	
	-1599 Apr 15 j 09:54	0° \mathcal{H}				-1597 Nov 20 j 05:49	0° \mathcal{Z}	
	-1599 May 11 j 08:02	0° \mathcal{Y}		evening max el		-1597 Dec 16 j 15:43	28° \mathcal{Z} 44'11	46°56'45
	-1599 Jun 05 j 16:04	0° \mathcal{B}				-1597 Dec 17 j 21:38	0° \approx	
	-1599 Jun 30 j 13:09	0° \mathbb{I}		asc. node		-1597 Dec 27 j 17:50	9° \approx 32'21	
asc. node	-1599 Jul 11 j 23:05	13° \mathbb{I} 55'52		greatest brilliancy		-1596 Jan 21 j 19:24	28° \approx 10'02	-4.6m
	-1599 Jul 25 j 00:39	0° \mathcal{E}				-1596 Jan 26 j 00:46	0° \mathcal{H}	
	-1599 Aug 18 j 04:14	0° \mathcal{Q}		retrograde		-1596 Feb 05 j 07:27	2° \mathcal{H} 00'10	
morning set	-1599 Aug 20 j 03:35	2° \mathcal{Q} 27'53				-1596 Feb 15 j 03:07	30° \mathcal{R} \approx	
	-1599 Sep 11 j 02:30	0° \mathbb{M}		evening set		-1596 Feb 23 j 03:29	25° \approx 47'32	
max. Earth dist.	-1599 Sep 26 j 08:46	19° \mathbb{M} 12'31	1.71141 AU	min. Earth dist.		-1596 Feb 26 j 03:47	23° \approx 53'51	0.28715 AU
				inferior conj		-1596 Feb 26 j 12:53	23° \approx 39'22	8°20'58
superior conj	-1599 Sep 27 j 13:55	20° \mathbb{M} 44'19	1°08'56	minimum elong		-1596 Feb 26 j 16:00	23° \approx 34'24	8°20'48
minimum elong	-1599 Sep 28 j 00:04	21° \mathbb{M} 16'19	1°08'39	morning rise		-1596 Mar 01 j 04:47	21° \approx 21'51	
	-1599 Oct 04 j 22:22	0° \mathcal{A}		direct		-1596 Mar 18 j 19:13	15° \approx 25'19	
	-1599 Oct 28 j 18:15	0° \mathbb{M}		greatest brilliancy		-1596 Mar 30 j 10:06	17° \approx 51'35	-4.5m
desc. node	-1599 Oct 31 j 14:34	3° \mathbb{M} 34'48		desc. node		-1596 Apr 17 j 09:16	28° \approx 37'21	
evening rise	-1599 Nov 07 j 20:41	12° \mathbb{M} 41'51				-1596 Apr 19 j 04:01	0° \mathcal{H}	
	-1599 Nov 21 j 15:36	0° \mathcal{A}		morning max el		-1596 May 06 j 16:09	15° \mathcal{H} 22'33	45°47'33
	-1599 Dec 15 j 15:24	0° \mathcal{Z}				-1596 May 21 j 08:00	0° \mathcal{Y}	
	-1598 Jan 08 j 19:15	0° \approx				-1596 Jun 17 j 23:41	0° \mathcal{B}	
	-1598 Feb 02 j 06:04	0° \mathcal{H}				-1596 Jul 14 j 00:41	0° \mathbb{I}	
asc. node	-1598 Feb 21 j 15:31	23° \mathcal{H} 23'47		asc. node		-1596 Aug 08 j 10:54	0° \mathcal{E} 23'28	
	-1598 Feb 27 j 04:33	0° \mathcal{Y}				-1596 Aug 08 j 03:09	0° \mathcal{E}	
	-1598 Mar 24 j 22:16	0° \mathcal{B}				-1596 Sep 01 j 14:18	0° \mathcal{Q}	
	-1598 Apr 21 j 03:11	0° \mathbb{I}				-1596 Sep 25 j 15:36	0° \mathbb{M}	
evening max el	-1598 May 09 j 17:13	18° \mathbb{I} 45'21	45°16'38			-1596 Oct 19 j 11:58	0° \mathcal{A}	
	-1598 May 22 j 05:08	0° \mathcal{E}		morning set		-1596 Nov 02 j 01:22	17° \mathcal{A} 05'40	
desc. node	-1598 Jun 13 j 06:57	14° \mathcal{E} 50'31				-1596 Nov 12 j 07:09	0° \mathbb{M}	
greatest brilliancy	-1598 Jun 14 j 18:48	15° \mathcal{E} 29'22	-4.5m	desc. node		-1596 Nov 28 j 02:22	19° \mathbb{M} 53'29	
retrograde	-1598 Jun 27 j 06:44	18° \mathcal{E} 13'53				-1596 Dec 06 j 03:27	0° \mathcal{A}	
evening set	-1598 Jul 13 j 13:23	13° \mathcal{E} 14'39						
inferior conj	-1598 Jul 18 j 12:46	10° \mathcal{E} 17'10	-7°-8'-46	superior conj		-1596 Dec 14 j 00:30	9° \mathcal{A} 53'10	0°-36'-22
minimum elong	-1598 Jul 18 j 03:00	10° \mathcal{E} 32'06	7°07'05	minimum elong		-1596 Dec 13 j 15:24	9° \mathcal{A} 24'39	0°36'00
min. Earth dist.	-1598 Jul 18 j 20:08	10° \mathcal{E} 05'53	0.28310 AU	max. Earth dist.		-1596 Dec 18 j 02:35	15° \mathcal{A} 00'40	1.71375 AU
morning rise	-1598 Jul 22 j 16:17	7° \mathcal{E} 47'09				-1596 Dec 30 j 01:54	0° \mathcal{Z}	
direct	-1598 Aug 08 j 22:30	2° \mathcal{E} 09'47				-1595 Jan 23 j 03:14	0° \approx	
greatest brilliancy	-1598 Aug 23 j 11:29	5° \mathcal{E} 54'20	-4.6m	evening rise		-1595 Jan 24 j 06:09	1° \approx 23'41	
	-1598 Sep 23 j 16:49	0° \mathcal{Q}				-1595 Feb 16 j 08:24	0° \mathcal{H}	
morning max el	-1598 Sep 28 j 05:38	4° \mathcal{Q} 29'14	46°40'06			-1595 Mar 12 j 18:51	0° \mathcal{Y}	
asc. node	-1598 Oct 04 j 08:29	10° \mathcal{Q} 46'59		asc. node		-1595 Mar 21 j 03:41	10° \mathcal{Y} 11'56	
	-1598 Oct 21 j 21:49	0° \mathbb{M}				-1595 Apr 06 j 12:16	0° \mathcal{B}	
	-1598 Nov 16 j 14:13	0° \mathcal{A}				-1595 May 01 j 14:56	0° \mathbb{I}	
	-1598 Dec 11 j 09:27	0° \mathbb{M}				-1595 May 27 j 07:00	0° \mathcal{E}	
	-1597 Jan 04 j 21:24	0° \mathcal{A}				-1595 Jun 22 j 22:21	0° \mathcal{Q}	
desc. node	-1597 Jan 23 j 23:59	23° \mathcal{A} 28'04		desc. node		-1595 Jul 10 j 18:39	18° \mathcal{Q} 59'17	
	-1597 Jan 29 j 07:39	0° \mathcal{Z}		evening max el		-1595 Jul 21 j 10:07	29° \mathcal{Q} 37'43	46°17'21
	-1597 Feb 22 j 18:07	0° \approx				-1595 Jul 21 j 19:21	0° \mathbb{M}	
	-1597 Mar 19 j 05:11	0° \mathcal{H}		greatest brilliancy		-1595 Aug 29 j 15:42	28° \mathbb{M} 33'22	-4.6m
morning set	-1597 Apr 03 j 20:42	19° \mathcal{H} 10'36				-1595 Sep 03 j 20:48	0° \mathcal{A}	
	-1597 Apr 12 j 16:36	0° \mathcal{Y}		retrograde		-1595 Sep 08 j 23:31	0° \mathcal{A} 29'43	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

direct	-1590 Aug 06 j 14:32	29°II54'21		-1587 Mar 12 j 06:11	0°Υ	
	-1590 Aug 08 j 19:18	0°ϙ		asc. node	-1587 Mar 20 j 05:45	9°Υ43'24
greatest brilliancy	-1590 Aug 21 j 02:49	3°ϙ38'31	-4.6m		-1587 Apr 05 j 23:59	0°ϙ
	-1590 Sep 23 j 16:27	0°Ω			-1587 May 01 j 03:23	0°II
morning max el	-1590 Sep 25 j 21:01	2°Ω11'10	46°38'52		-1587 May 26 j 20:50	0°ϙ
asc. node	-1590 Oct 03 j 10:33	9°Ω59'42			-1587 Jun 22 j 15:02	0°Ω
	-1590 Oct 21 j 14:21	0°η		desc. node	-1587 Jul 09 j 20:48	18°Ω12'42
	-1590 Nov 16 j 04:23	0°♄		evening max el	-1587 Jul 18 j 22:27	27°Ω13'45 46°14'22
	-1590 Dec 10 j 22:28	0°♌			-1587 Jul 21 j 19:59	0°η
	-1589 Jan 04 j 09:44	0°♊		greatest brilliancy	-1587 Aug 27 j 05:04	26°η08'09 -4.6m
desc. node	-1589 Jan 23 j 02:06	22°♊57'50		retrograde	-1587 Sep 06 j 10:50	28°η02'44
	-1589 Jan 28 j 19:31	0°♋		evening set	-1587 Sep 23 j 06:29	22°η42'20
	-1589 Feb 22 j 05:38	0°♎		inferior conj	-1587 Sep 27 j 03:41	20°η23'20 -7°-23'-15
	-1589 Mar 18 j 16:25	0°♏		minimum elong	-1587 Sep 27 j 13:52	20°η07'51 7°21'25
morning set	-1589 Apr 01 j 13:47	17°♏01'50		min. Earth dist.	-1587 Sep 27 j 19:32	19°η59'14 0.26826 AU
	-1589 Apr 12 j 03:38	0°Υ		morning rise	-1587 Oct 01 j 20:55	17°η35'15
	-1589 May 06 j 14:40	0°ϙ		direct	-1587 Oct 17 j 17:49	12°η40'47
max. Earth dist.	-1589 May 07 j 01:24	0°ϙ32'55	1.73700 AU	asc. node	-1587 Oct 30 j 22:11	15°η53'56
				greatest brilliancy	-1587 Oct 30 j 20:46	15°η52'18 -4.7m
superior conj	-1589 May 08 j 02:31	1°ϙ50'01	0°-18'-49		-1587 Nov 20 j 09:26	0°♄
minimum elong	-1589 May 08 j 06:14	2°ϙ01'25	0°18'38	morning max el	-1587 Dec 07 j 11:54	16°♄14'31 46°53'24
asc. node	-1589 May 16 j 03:30	11°ϙ42'29			-1587 Dec 20 j 12:25	0°♌
	-1589 May 31 j 00:45	0°II			-1586 Jan 16 j 03:02	0°♊
evening rise	-1589 Jun 12 j 22:24	15°II52'47			-1586 Feb 10 j 17:20	0°♋
	-1589 Jun 24 j 09:29	0°ϙ		desc. node	-1586 Feb 19 j 14:04	10°♋31'00
	-1589 Jul 18 j 17:23	0°Ω			-1586 Mar 07 j 21:56	0°♎
	-1589 Aug 12 j 01:49	0°η			-1586 Apr 01 j 21:29	0°♏
desc. node	-1589 Sep 04 j 18:45	29°η05'27			-1586 Apr 26 j 17:21	0°Υ
	-1589 Sep 05 j 12:35	0°♄			-1586 May 21 j 09:31	0°ϙ
	-1589 Sep 30 j 03:53	0°♌		morning set	-1586 Jun 07 j 20:37	21°ϙ21'50
	-1589 Oct 25 j 03:38	0°♊		asc. node	-1586 Jun 12 j 15:26	27°ϙ14'15
	-1589 Nov 19 j 22:08	0°♋			-1586 Jun 14 j 21:23	0°II
evening max el	-1589 Dec 14 j 07:56	26°♋27'52	46°59'04		-1586 Jul 09 j 04:37	0°ϙ
	-1589 Dec 17 j 20:15	0°♎		max. Earth dist.	-1586 Jul 09 j 22:36	0°ϙ55'44 1.72777 AU
asc. node	-1589 Dec 26 j 19:50	8°♎34'00				
greatest brilliancy	-1588 Jan 19 j 13:40	25°♎58'06	-4.6m	superior conj	-1586 Jul 14 j 02:45	6°ϙ06'16 1°05'13
retrograde	-1588 Feb 03 j 00:04	29°♎45'47		minimum elong	-1586 Jul 13 j 18:07	5°ϙ39'30 1°04'59
evening set	-1588 Feb 20 j 20:13	23°♎32'33			-1586 Aug 02 j 07:49	0°Ω
inferior conj	-1588 Feb 24 j 04:53	21°♎25'17	8°24'20	evening rise	-1586 Aug 19 j 17:50	21°Ω44'13
minimum elong	-1588 Feb 24 j 07:18	21°♎21'26	8°24'14		-1586 Aug 26 j 08:35	0°η
min. Earth dist.	-1588 Feb 23 j 18:22	21°♎42'02	0.28669 AU		-1586 Sep 19 j 08:48	0°♄
morning rise	-1588 Feb 27 j 18:40	19°♎10'54		desc. node	-1586 Oct 02 j 06:41	16°♄06'51
direct	-1588 Mar 16 j 11:06	13°♎12'21			-1586 Oct 13 j 10:06	0°♌
greatest brilliancy	-1588 Mar 27 j 22:12	15°♎35'13	-4.5m		-1586 Nov 06 j 13:53	0°♊
desc. node	-1588 Apr 16 j 11:18	27°♎31'41			-1586 Nov 30 j 22:24	0°♋
	-1588 Apr 19 j 13:24	0°♏			-1586 Dec 25 j 16:34	0°♎
morning max el	-1588 May 04 j 07:39	13°♏10'48	45°47'51		-1585 Jan 20 j 07:11	0°♏
	-1588 May 21 j 02:10	0°Υ		asc. node	-1585 Jan 23 j 07:50	3°♏26'18
	-1588 Jun 17 j 14:04	0°ϙ			-1585 Feb 16 j 20:46	0°Υ
	-1588 Jul 13 j 13:27	0°II		evening max el	-1585 Feb 23 j 07:01	6°Υ25'23 45°40'33
asc. node	-1588 Aug 07 j 13:05	29°II53'52			-1585 Mar 23 j 22:28	0°ϙ
	-1588 Aug 07 j 15:07	0°ϙ		greatest brilliancy	-1585 Mar 29 j 12:13	3°ϙ02'26 -4.5m
	-1588 Sep 01 j 01:51	0°Ω		retrograde	-1585 Apr 13 j 03:32	6°ϙ48'06
	-1588 Sep 25 j 02:58	0°η		evening set	-1585 Apr 28 j 15:11	2°ϙ11'55
	-1588 Oct 18 j 23:13	0°♄			-1585 May 02 j 08:41	30°ϙΥ
morning set	-1588 Oct 30 j 12:21	14°♄33'40		inferior conj	-1585 May 04 j 15:22	28°Υ34'41 2°21'43
	-1588 Nov 11 j 18:20	0°♌		minimum elong	-1585 May 04 j 20:19	28°Υ26'53 2°20'21
desc. node	-1588 Nov 27 j 04:25	19°♌24'54		min. Earth dist.	-1585 May 05 j 01:49	28°Υ18'16 0.29073 AU
	-1588 Dec 05 j 14:34	0°♊		morning rise	-1585 May 11 j 01:10	24°Υ42'43
				desc. node	-1585 May 14 j 23:05	22°Υ45'35
superior conj	-1588 Dec 11 j 10:06	7°♊17'55	0°-32'-43	direct	-1585 May 26 j 08:13	20°Υ13'00
minimum elong	-1588 Dec 11 j 01:45	6°♊51'43	0°32'24	greatest brilliancy	-1585 Jun 09 j 07:02	23°Υ34'47 -4.5m
max. Earth dist.	-1588 Dec 15 j 13:03	12°♊28'11	1.71330 AU		-1585 Jun 20 j 09:12	0°ϙ
	-1588 Dec 29 j 12:59	0°♋		morning max el	-1585 Jul 14 j 08:31	20°ϙ13'52 45°58'08
evening rise	-1587 Jan 21 j 18:10	28°♋57'21			-1585 Jul 24 j 03:55	0°II
	-1587 Jan 22 j 14:19	0°♎			-1585 Aug 20 j 17:24	0°ϙ
	-1587 Feb 15 j 19:34	0°♏		asc. node	-1585 Sep 05 j 00:58	17°ϙ45'50

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1585 Sep 15 j 07:52	0°♈			-1582 Apr 20 j 14:53	0°♈	
	-1585 Oct 09 j 23:02	0°♍	evening max el		-1582 May 05 j 01:33	14°♈25'25	45°15'20
	-1585 Nov 03 j 02:38	0°♊			-1582 May 22 j 23:02	0°♋	
	-1585 Nov 27 j 01:56	0°♌	greatest brilliancy		-1582 Jun 09 j 19:02	10°♋57'24	-4.5m
	-1585 Dec 21 j 01:09	0°♎	desc. node		-1582 Jun 11 j 11:04	11°♋36'58	
desc. node	-1585 Dec 25 j 16:19	5°♎47'22	retrograde		-1582 Jun 22 j 12:38	13°♋46'32	
	-1584 Jan 14 j 02:05	0°♏	evening set		-1582 Jul 08 j 12:42	8°♋56'11	
morning set	-1584 Jan 16 j 21:25	3°♏29'39	inferior conj		-1582 Jul 13 j 18:40	5°♋48'37	-6°-42'-38
	-1584 Feb 07 j 05:16	0°♐	minimum elong		-1582 Jul 13 j 08:36	6°♋04'06	6°40'42
			min. Earth dist.		-1582 Jul 14 j 00:52	5°♋39'06	0.28382 AU
superior conj	-1584 Feb 25 j 20:08	23°♐03'45	morning rise		-1582 Jul 18 j 04:12	3°♋09'35	
minimum elong	-1584 Feb 25 j 23:13	23°♐13'17			-1582 Jul 24 j 09:44	30°♌♈	
max. Earth dist.	-1584 Feb 28 j 20:35	26°♐47'37	direct		-1582 Aug 04 j 06:31	27°♌40'19	
	-1584 Mar 02 j 10:53	0°♉			-1582 Aug 15 j 13:43	0°♍	
	-1584 Mar 26 j 19:09	0°♊	greatest brilliancy		-1582 Aug 18 j 17:17	1°♍22'35	-4.6m
evening rise	-1584 Apr 03 j 19:08	9°♊49'29	morning max el		-1582 Sep 23 j 11:46	29°♍52'15	46°37'27
asc. node	-1584 Apr 16 j 17:40	25°♊41'19			-1582 Sep 23 j 14:51	0°♎	
	-1584 Apr 20 j 06:12	0°♋	asc. node		-1582 Oct 02 j 12:35	9°♎13'32	
	-1584 May 14 j 20:01	0°♌			-1582 Oct 21 j 06:26	0°♍	
	-1584 Jun 08 j 13:01	0°♍			-1582 Nov 15 j 18:14	0°♊	
	-1584 Jul 03 j 10:38	0°♎			-1582 Dec 10 j 11:11	0°♌	
	-1584 Jul 28 j 16:05	0°♍			-1581 Jan 03 j 21:45	0°♎	
desc. node	-1584 Aug 06 j 08:45	10°♍12'03	desc. node		-1581 Jan 22 j 04:17	22°♎28'49	
	-1584 Aug 23 j 11:42	0°♊			-1581 Jan 28 j 07:02	0°♏	
	-1584 Sep 19 j 13:23	0°♌			-1581 Feb 21 j 16:47	0°♐	
evening max el	-1584 Sep 30 j 07:41	11°♌09'48			-1581 Mar 18 j 03:19	0°♉	
	-1584 Oct 20 j 17:06	0°♎	morning set		-1581 Mar 30 j 06:57	14°♉54'13	
greatest brilliancy	-1584 Nov 08 j 00:34	11°♎51'09			-1581 Apr 11 j 14:22	0°♊	
retrograde	-1584 Nov 20 j 05:42	14°♎40'34	max. Earth dist.		-1581 May 05 j 00:08	28°♊42'46	1.73698 AU
asc. node	-1584 Nov 27 j 10:05	13°♎35'35					
evening set	-1584 Dec 04 j 19:05	10°♎24'02	superior conj		-1581 May 05 j 21:02	29°♊46'54	0°-21'-50
min. Earth dist.	-1584 Dec 10 j 00:58	7°♎18'15	minimum elong		-1581 May 06 j 01:20	0°♋00'03	0°21'38
inferior conj	-1584 Dec 10 j 21:16	6°♎46'56			-1581 May 06 j 01:18	0°♋	
minimum elong	-1584 Dec 10 j 14:15	6°♎57'45	asc. node		-1581 May 15 j 05:40	11°♋16'28	
morning rise	-1584 Dec 16 j 10:02	3°♎29'33			-1581 May 30 j 11:24	0°♌	
	-1584 Dec 24 j 15:45	30°♌♍	evening rise		-1581 Jun 10 j 17:49	13°♌51'46	
direct	-1584 Dec 31 j 04:51	29°♌06'36			-1581 Jun 23 j 20:17	0°♍	
	-1583 Jan 06 j 23:23	0°♎			-1581 Jul 18 j 04:28	0°♎	
greatest brilliancy	-1583 Jan 11 j 03:03	1°♎20'35			-1581 Aug 11 j 13:19	0°♍	
	-1583 Feb 18 j 04:15	0°♏	desc. node		-1581 Sep 03 j 20:45	28°♍34'44	
morning max el	-1583 Feb 18 j 20:58	0°♏40'49			-1581 Sep 05 j 00:40	0°♊	
	-1583 Mar 18 j 21:22	0°♐			-1581 Sep 29 j 16:44	0°♌	
desc. node	-1583 Mar 19 j 01:43	0°♐11'54			-1581 Oct 24 j 17:42	0°♎	
	-1583 Apr 14 j 13:39	0°♉			-1581 Nov 19 j 14:36	0°♏	
	-1583 May 10 j 08:59	0°♊	evening max el		-1581 Dec 11 j 23:30	24°♏10'05	47°01'30
	-1583 Jun 04 j 15:29	0°♋			-1581 Dec 17 j 19:40	0°♐	
	-1583 Jun 29 j 11:43	0°♌	asc. node		-1581 Dec 25 j 22:04	7°♐35'20	
asc. node	-1583 Jul 10 j 03:21	13°♌00'38	greatest brilliancy		-1580 Jan 17 j 08:24	23°♐47'06	-4.6m
	-1583 Jul 23 j 22:47	0°♍	retrograde		-1580 Jan 31 j 16:15	27°♐31'48	
morning set	-1583 Aug 15 j 10:40	27°♍56'36	evening set		-1580 Feb 18 j 12:40	21°♐18'38	
	-1583 Aug 17 j 02:12	0°♎	inferior conj		-1580 Feb 21 j 20:53	19°♐11'50	8°27'03
	-1583 Sep 10 j 00:29	0°♍	minimum elong		-1580 Feb 21 j 22:34	19°♐09'10	8°27'00
max. Earth dist.	-1583 Sep 21 j 04:57	14°♍04'17	min. Earth dist.		-1580 Feb 21 j 09:15	19°♐30'25	0.28617 AU
			morning rise		-1580 Feb 25 j 08:45	17°♐00'11	
superior conj	-1583 Sep 22 j 15:11	15°♍52'02	direct		-1580 Mar 14 j 02:30	11°♐00'01	
minimum elong	-1583 Sep 23 j 00:26	16°♍21'10	greatest brilliancy		-1580 Mar 25 j 10:39	13°♐19'46	-4.5m
	-1583 Oct 03 j 20:31	0°♊	desc. node		-1580 Apr 15 j 13:24	26°♐28'35	
	-1583 Oct 27 j 16:36	0°♌			-1580 Apr 19 j 19:54	0°♉	
desc. node	-1583 Oct 29 j 18:39	2°♌37'19	morning max el		-1580 May 01 j 22:26	10°♉57'57	45°48'16
evening rise	-1583 Nov 02 j 15:35	7°♌29'22			-1580 May 20 j 19:37	0°♊	
	-1583 Nov 20 j 14:10	0°♎			-1580 Jun 17 j 04:02	0°♋	
	-1583 Dec 14 j 14:13	0°♏			-1580 Jul 13 j 01:54	0°♌	
	-1582 Jan 07 j 18:26	0°♐	asc. node		-1580 Aug 06 j 15:11	29°♌24'44	
	-1582 Feb 01 j 05:59	0°♉			-1580 Aug 07 j 02:48	0°♍	
asc. node	-1582 Feb 19 j 19:48	22°♉22'09			-1580 Aug 31 j 13:10	0°♎	
	-1582 Feb 26 j 05:55	0°♊			-1580 Sep 24 j 14:08	0°♍	
	-1582 Mar 24 j 02:38	0°♋			-1580 Oct 18 j 10:20	0°♊	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

morning set	-1580 Oct 27 j 23:06	12°♌01'16		inferior conj	-1577 May 02 j 08:04	26°♑26'31	2°40'03
	-1580 Nov 11 j 05:25	0°♍		minimum elong	-1577 May 02 j 13:36	26°♑17'50	2°38'34
desc. node	-1580 Nov 26 j 06:36	18°♍56'54		min. Earth dist.	-1577 May 02 j 18:26	26°♑10'13	0.29085 AU
	-1580 Dec 05 j 01:38	0°♎		morning rise	-1577 May 08 j 17:19	22°♑35'29	
				desc. node	-1577 May 14 j 01:14	20°♑02'45	
superior conj	-1580 Dec 08 j 19:12	4°♎41'10	0°-28'-59	direct	-1577 May 24 j 00:43	18°♑04'29	
minimum elong	-1580 Dec 08 j 11:41	4°♎17'33	0°28'40	greatest brilliancy	-1577 Jun 06 j 23:23	21°♑26'25	-4.5m
max. Earth dist.	-1580 Dec 12 j 18:50	9°♎41'09	1.71286 AU		-1577 Jun 21 j 01:54	0°♒	
	-1580 Dec 29 j 00:02	0°♏		morning max el	-1577 Jul 12 j 01:27	18°♒05'33	45°57'07
evening rise	-1579 Jan 19 j 05:33	26°♏29'07			-1577 Jul 23 j 22:50	0°♓	
	-1579 Jan 22 j 01:21	0°♐			-1577 Aug 20 j 08:08	0°♓	
	-1579 Feb 15 j 06:38	0°♑		asc. node	-1577 Sep 04 j 02:56	17°♓11'34	
	-1579 Mar 11 j 17:25	0°♒			-1577 Sep 14 j 20:56	0°♓	
asc. node	-1579 Mar 19 j 07:47	9°♒15'09			-1577 Oct 09 j 11:17	0°♓	
	-1579 Apr 05 j 11:36	0°♓			-1577 Nov 02 j 14:25	0°♓	
	-1579 Apr 30 j 15:46	0°♓			-1577 Nov 26 j 13:28	0°♓	
	-1579 May 26 j 10:40	0°♓			-1577 Dec 20 j 12:30	0°♓	
	-1579 Jun 22 j 07:51	0°♓		desc. node	-1577 Dec 24 j 18:27	5°♓18'43	
desc. node	-1579 Jul 08 j 22:58	17°♓26'01			-1576 Jan 13 j 13:17	0°♓	
evening max el	-1579 Jul 16 j 10:30	24°♓49'52	46°11'31	morning set	-1576 Jan 14 j 08:28	0°♓59'44	
	-1579 Jul 21 j 21:37	0°♓			-1576 Feb 06 j 16:20	0°♓	
greatest brilliancy	-1579 Aug 24 j 17:43	23°♓43'14	-4.6m				
retrograde	-1579 Sep 03 j 22:23	25°♓37'17		superior conj	-1576 Feb 23 j 10:42	20°♓46'21	-1°-24'-11
evening set	-1579 Sep 20 j 22:07	20°♓11'57		minimum elong	-1576 Feb 23 j 13:00	20°♓53'27	1°24'12
inferior conj	-1579 Sep 24 j 16:16	17°♓57'32	-7°-35'-51	max. Earth dist.	-1576 Feb 26 j 11:41	24°♓31'59	1.72835 AU
minimum elong	-1579 Sep 25 j 02:04	17°♓42'38	7°34'14		-1576 Mar 01 j 21:52	0°♑	
min. Earth dist.	-1579 Sep 25 j 08:55	17°♓32'14	0.26881 AU		-1576 Mar 26 j 06:07	0°♑	
morning rise	-1579 Sep 29 j 05:41	15°♓14'47		evening rise	-1576 Apr 01 j 12:04	7°♑40'31	
direct	-1579 Oct 15 j 06:31	10°♓13'46		asc. node	-1576 Apr 15 j 19:49	25°♑14'05	
greatest brilliancy	-1579 Oct 28 j 12:48	13°♓28'33	-4.7m		-1576 Apr 19 j 17:15	0°♒	
asc. node	-1579 Oct 30 j 00:21	14°♓11'29			-1576 May 14 j 07:19	0°♒	
	-1579 Nov 20 j 17:41	0°♒			-1576 Jun 08 j 00:45	0°♒	
morning max el	-1579 Dec 05 j 00:57	13°♒46'59	46°53'49		-1576 Jul 02 j 23:05	0°♒	
	-1579 Dec 20 j 07:13	0°♓			-1576 Jul 28 j 05:43	0°♓	
	-1578 Jan 15 j 18:08	0°♑		desc. node	-1576 Aug 05 j 10:43	9°♓36'22	
	-1578 Feb 10 j 06:41	0°♒			-1576 Aug 23 j 03:25	0°♒	
desc. node	-1578 Feb 18 j 16:02	9°♒58'22			-1576 Sep 19 j 09:41	0°♓	
	-1578 Mar 07 j 10:15	0°♓		evening max el	-1576 Sep 27 j 22:46	8°♓48'15	47°23'35
	-1578 Apr 01 j 09:07	0°♑			-1576 Oct 21 j 09:02	0°♑	
	-1578 Apr 26 j 04:32	0°♒		greatest brilliancy	-1576 Nov 05 j 15:07	9°♑24'15	-4.7m
	-1578 May 20 j 20:26	0°♓		retrograde	-1576 Nov 17 j 19:43	12°♑12'21	
morning set	-1578 Jun 05 j 15:06	19°♓18'02		asc. node	-1576 Nov 26 j 12:12	10°♑37'19	
asc. node	-1578 Jun 11 j 17:35	26°♓47'38		evening set	-1576 Dec 02 j 06:59	7°♑57'53	
	-1578 Jun 14 j 08:11	0°♓		min. Earth dist.	-1576 Dec 07 j 14:33	4°♑49'51	0.26634 AU
max. Earth dist.	-1578 Jul 07 j 18:48	28°♓56'05	1.72831 AU	inferior conj	-1576 Dec 08 j 10:10	4°♑19'37	3°00'08
	-1578 Jul 08 j 15:26	0°♓		minimum elong	-1576 Dec 08 j 03:48	4°♑29'25	2°58'10
				morning rise	-1576 Dec 14 j 01:18	0°♑59'35	
superior conj	-1578 Jul 11 j 20:44	3°♓59'37	1°03'09		-1576 Dec 15 j 22:56	30°♒♍	
minimum elong	-1578 Jul 11 j 12:02	3°♓32'38	1°02'54	direct	-1576 Dec 28 j 17:54	26°♒40'13	
	-1578 Aug 01 j 18:44	0°♓		greatest brilliancy	-1575 Jan 08 j 15:59	28°♒54'46	-4.6m
evening rise	-1578 Aug 17 j 09:36	19°♓29'18			-1575 Jan 11 j 05:09	0°♑	
	-1578 Aug 25 j 19:38	0°♓		morning max el	-1575 Feb 16 j 11:43	28°♑22'19	46°21'48
	-1578 Sep 18 j 20:03	0°♒			-1575 Feb 18 j 03:22	0°♒	
desc. node	-1578 Oct 01 j 08:46	15°♒37'46		desc. node	-1575 Mar 18 j 03:51	29°♒32'52	
	-1578 Oct 12 j 21:38	0°♓			-1575 Mar 18 j 13:42	0°♓	
	-1578 Nov 06 j 01:48	0°♑			-1575 Apr 14 j 03:26	0°♑	
	-1578 Nov 30 j 10:49	0°♒			-1575 May 09 j 21:30	0°♒	
	-1578 Dec 25 j 05:52	0°♓			-1575 Jun 04 j 03:17	0°♓	
	-1577 Jan 19 j 22:16	0°♑			-1575 Jun 28 j 23:06	0°♓	
asc. node	-1577 Jan 22 j 09:51	2°♑48'35		asc. node	-1575 Jul 09 j 05:23	12°♓32'25	
	-1577 Feb 16 j 16:47	0°♒			-1575 Jul 23 j 09:56	0°♓	
evening max el	-1577 Feb 20 j 22:13	4°♒11'54	45°42'55	morning set	-1575 Aug 13 j 02:11	25°♓40'44	
	-1577 Mar 25 j 09:35	0°♓			-1575 Aug 16 j 13:17	0°♓	
greatest brilliancy	-1577 Mar 27 j 02:48	0°♓51'51	-4.5m		-1575 Sep 09 j 11:36	0°♓	
retrograde	-1577 Apr 10 j 20:37	4°♓40'40		max. Earth dist.	-1575 Sep 18 j 11:16	11°♓18'03	1.71244 AU
evening set	-1577 Apr 26 j 09:37	0°♓01'19					
	-1577 Apr 26 j 10:33	30°♒♑		superior conj	-1575 Sep 20 j 04:00	13°♓26'12	1°14'44

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

minimum elong	-1575 Sep 20 j 12:43	13° \mathbb{M} 53'37	1°14'33	greatest brilliancy	-1572 Mar 22 j 23:50	11° \approx 04'04	-4.5m
	-1575 Oct 03 j 07:44	0° $\underline{\mathbf{A}}$		desc. node	-1572 Apr 14 j 15:33	25° \approx 26'23	
	-1575 Oct 27 j 03:56	0° \mathbb{M}			-1572 Apr 20 j 00:41	0° \mathbb{H}	
desc. node	-1575 Oct 28 j 20:49	2° \mathbb{M} 08'30		morning max el	-1572 Apr 29 j 12:46	8° \mathbb{H} 43'09	45°48'49
evening rise	-1575 Oct 31 j 01:03	4° \mathbb{M} 52'36			-1572 May 20 j 12:57	0° \mathbb{Y}	
	-1575 Nov 20 j 01:35	0° \mathbb{A}			-1572 Jun 16 j 18:08	0° \mathbb{B}	
	-1575 Dec 14 j 01:43	0° \mathbb{C}			-1572 Jul 12 j 14:35	0° \mathbb{I}	
	-1574 Jan 07 j 06:08	0° \approx		asc. node	-1572 Aug 05 j 17:12	28° \mathbb{I} 54'29	
	-1574 Jan 31 j 18:04	0° \mathbb{H}			-1572 Aug 06 j 14:46	0° \mathbb{D}	
asc. node	-1574 Feb 18 j 21:49	21° \mathbb{H} 50'38			-1572 Aug 31 j 00:47	0° \mathbb{O}	
	-1574 Feb 25 j 18:47	0° \mathbb{Y}			-1572 Sep 24 j 01:33	0° \mathbb{M}	
	-1574 Mar 23 j 17:09	0° \mathbb{B}			-1572 Oct 17 j 21:40	0° $\underline{\mathbf{A}}$	
	-1574 Apr 20 j 09:33	0° \mathbb{I}		morning set	-1572 Oct 25 j 09:56	9° $\underline{\mathbf{A}}$ 28'23	
evening max el	-1574 May 02 j 17:27	12° \mathbb{I} 14'21	45°14'41		-1572 Nov 10 j 16:43	0° \mathbb{M}	
	-1574 May 23 j 13:07	0° \mathbb{D}		desc. node	-1572 Nov 25 j 08:38	18° \mathbb{M} 27'43	
greatest brilliancy	-1574 Jun 07 j 08:39	8° \mathbb{D} 42'56	-4.5m		-1572 Dec 04 j 12:55	0° \mathbb{A}	
desc. node	-1574 Jun 10 j 13:12	9° \mathbb{D} 54'45					
retrograde	-1574 Jun 20 j 02:59	11° \mathbb{D} 32'57		superior conj	-1572 Dec 06 j 04:16	2° \mathbb{A} 03'35	0°-25'-10
evening set	-1574 Jul 06 j 00:45	6° \mathbb{D} 46'57		minimum elong	-1572 Dec 05 j 21:38	1° \mathbb{A} 42'44	0°24'53
inferior conj	-1574 Jul 11 j 09:50	3° \mathbb{D} 34'45	-6°-28'-47	max. Earth dist.	-1572 Dec 09 j 22:40	6° \mathbb{A} 47'15	1.71248 AU
minimum elong	-1574 Jul 10 j 23:41	3° \mathbb{D} 50'22	6°26'45		-1572 Dec 28 j 11:19	0° \mathbb{C}	
min. Earth dist.	-1574 Jul 11 j 15:56	3° \mathbb{D} 25'21	0.28416 AU	evening rise	-1571 Jan 16 j 16:51	23° \mathbb{C} 59'48	
morning rise	-1574 Jul 15 j 22:18	0° \mathbb{D} 51'04			-1571 Jan 21 j 12:38	0° \approx	
	-1574 Jul 17 j 10:33	30° \mathbb{R} \mathbb{I}			-1571 Feb 14 j 17:57	0° \mathbb{H}	
direct	-1574 Aug 01 j 22:15	25° \mathbb{I} 25'58			-1571 Mar 11 j 04:54	0° \mathbb{Y}	
greatest brilliancy	-1574 Aug 16 j 07:47	29° \mathbb{I} 06'06	-4.6m	asc. node	-1571 Mar 18 j 09:59	8° \mathbb{Y} 46'37	
	-1574 Aug 18 j 02:49	0° \mathbb{D}			-1571 Apr 04 j 23:28	0° \mathbb{B}	
morning max el	-1574 Sep 21 j 01:30	27° \mathbb{D} 30'11	46°35'58		-1571 Apr 30 j 04:26	0° \mathbb{I}	
	-1574 Sep 23 j 12:42	0° \mathbb{O}			-1571 May 26 j 00:51	0° \mathbb{D}	
asc. node	-1574 Oct 01 j 14:49	8° \mathbb{O} 27'56			-1571 Jun 22 j 01:18	0° \mathbb{O}	
	-1574 Oct 20 j 22:32	0° \mathbb{M}		desc. node	-1571 Jul 08 j 00:54	16° \mathbb{O} 37'13	
	-1574 Nov 15 j 08:14	0° $\underline{\mathbf{A}}$		evening max el	-1571 Jul 13 j 22:41	22° \mathbb{O} 25'45	46°08'38
	-1574 Dec 10 j 00:07	0° \mathbb{M}			-1571 Jul 22 j 01:07	0° \mathbb{M}	
	-1573 Jan 03 j 10:00	0° \mathbb{A}		greatest brilliancy	-1571 Aug 22 j 05:11	21° \mathbb{M} 16'14	-4.6m
desc. node	-1573 Jan 21 j 06:15	21° \mathbb{A} 58'14		retrograde	-1571 Sep 01 j 10:23	23° \mathbb{M} 11'01	
	-1573 Jan 27 j 18:49	0° \mathbb{C}		evening set	-1571 Sep 18 j 13:32	17° \mathbb{M} 40'33	
	-1573 Feb 21 j 04:13	0° \approx		inferior conj	-1571 Sep 22 j 04:44	15° \mathbb{M} 30'39	-7°-47'-39
	-1573 Mar 17 j 14:29	0° \mathbb{H}		minimum elong	-1571 Sep 22 j 14:06	15° \mathbb{M} 16'27	7°46'12
morning set	-1573 Mar 28 j 00:09	12° \mathbb{H} 45'54		min. Earth dist.	-1571 Sep 22 j 21:52	15° \mathbb{M} 04'41	0.26939 AU
	-1573 Apr 11 j 01:22	0° \mathbb{Y}		morning rise	-1571 Sep 26 j 14:19	12° \mathbb{M} 53'35	
max. Earth dist.	-1573 May 02 j 21:37	26° \mathbb{Y} 47'52	1.73697 AU	direct	-1571 Oct 12 j 19:29	7° \mathbb{M} 45'43	
				greatest brilliancy	-1571 Oct 26 j 04:48	11° \mathbb{M} 04'07	-4.7m
superior conj	-1573 May 03 j 15:35	27° \mathbb{Y} 43'00	0°-24'-49	asc. node	-1571 Oct 29 j 02:27	12° \mathbb{M} 31'59	
minimum elong	-1573 May 03 j 20:25	27° \mathbb{Y} 57'50	0°24'35		-1571 Nov 20 j 23:53	0° $\underline{\mathbf{A}}$	
	-1573 May 05 j 12:14	0° \mathbb{B}		morning max el	-1571 Dec 02 j 14:48	11° $\underline{\mathbf{A}}$ 20'51	46°54'13
asc. node	-1573 May 14 j 07:48	10° \mathbb{B} 49'24			-1571 Dec 20 j 01:45	0° \mathbb{M}	
	-1573 May 29 j 22:22	0° \mathbb{I}			-1570 Jan 15 j 09:11	0° \mathbb{A}	
evening rise	-1573 Jun 08 j 13:08	11° \mathbb{I} 49'32			-1570 Feb 09 j 20:06	0° \mathbb{C}	
	-1573 Jun 23 j 07:25	0° \mathbb{D}		desc. node	-1570 Feb 17 j 18:07	9° \mathbb{C} 25'50	
	-1573 Jul 17 j 15:52	0° \mathbb{O}			-1570 Mar 06 j 22:41	0° \approx	
	-1573 Aug 11 j 01:08	0° \mathbb{M}			-1570 Mar 31 j 20:54	0° \mathbb{H}	
desc. node	-1573 Sep 02 j 22:49	28° \mathbb{M} 03'18			-1570 Apr 25 j 15:52	0° \mathbb{Y}	
	-1573 Sep 04 j 13:03	0° $\underline{\mathbf{A}}$			-1570 May 20 j 07:29	0° \mathbb{B}	
	-1573 Sep 29 j 05:57	0° \mathbb{M}		morning set	-1570 Jun 03 j 09:45	17° \mathbb{B} 14'28	
	-1573 Oct 24 j 08:14	0° \mathbb{A}		asc. node	-1570 Jun 10 j 19:37	26° \mathbb{B} 20'17	
	-1573 Nov 19 j 07:45	0° \mathbb{C}			-1570 Jun 13 j 19:06	0° \mathbb{I}	
evening max el	-1573 Dec 09 j 14:09	21° \mathbb{C} 48'41	47°03'47	max. Earth dist.	-1570 Jul 05 j 16:12	26° \mathbb{I} 59'55	1.72885 AU
	-1573 Dec 17 j 20:41	0° \approx			-1570 Jul 08 j 02:21	0° \mathbb{D}	
asc. node	-1573 Dec 25 j 00:07	6° \approx 33'47					
greatest brilliancy	-1572 Jan 15 j 02:53	21° \approx 34'13	-4.6m	superior conj	-1570 Jul 09 j 14:49	1° \mathbb{D} 53'01	1°01'01
retrograde	-1572 Jan 29 j 08:00	25° \approx 16'26		minimum elong	-1570 Jul 09 j 06:06	1° \mathbb{D} 25'59	1°00'45
evening set	-1572 Feb 16 j 04:41	19° \approx 03'47			-1570 Aug 01 j 05:45	0° \mathbb{O}	
min. Earth dist.	-1572 Feb 19 j 00:22	17° \approx 17'00	0.28562 AU	evening rise	-1570 Aug 15 j 01:30	17° \mathbb{O} 14'24	
inferior conj	-1572 Feb 19 j 12:48	16° \approx 57'09	8°29'01		-1570 Aug 25 j 06:50	0° \mathbb{M}	
minimum elong	-1572 Feb 19 j 13:43	16° \approx 55'41	8°28'59		-1570 Sep 18 j 07:30	0° $\underline{\mathbf{A}}$	
morning rise	-1572 Feb 22 j 22:59	14° \approx 47'52		desc. node	-1570 Sep 30 j 10:55	15° $\underline{\mathbf{A}}$ 08'21	
direct	-1572 Mar 11 j 17:15	8° \approx 46'19			-1570 Oct 12 j 09:22	0° \mathbb{M}	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1565 Nov 19 j 00:44	0°☾				-1562 Jun 13 j 05:46	0°♊	
evening max el	-1565 Dec 07 j 04:09	19°☾26'55	47°06'00	max. Earth dist.	-1562 Jul 03 j 12:45	25°♊01'59	1.72935 AU	
	-1565 Dec 17 j 22:25	0°≈						
asc. node	-1565 Dec 24 j 02:09	5°≈32'01		superior conj	-1562 Jul 07 j 08:51	29°♊47'07	0°58'47	
greatest brilliancy	-1564 Jan 12 j 20:12	19°≈20'47	-4.6m	minimum elong	-1562 Jul 07 j 00:09	29°♊20'11	0°58'30	
retrograde	-1564 Jan 26 j 23:43	23°≈02'11			-1562 Jul 07 j 13:00	0°☿		
evening set	-1564 Feb 13 j 20:20	16°≈50'15			-1562 Jul 31 j 16:30	0°♌		
min. Earth dist.	-1564 Feb 16 j 15:34	15°≈04'22	0.28510 AU	evening rise	-1562 Aug 12 j 17:27	15°♌00'33		
inferior conj	-1564 Feb 17 j 04:43	14°≈43'22	8°30'06		-1562 Aug 24 j 17:46	0°♍		
minimum elong	-1564 Feb 17 j 04:53	14°≈43'07	8°30'05		-1562 Sep 17 j 18:42	0°♎		
morning rise	-1564 Feb 20 j 13:38	12°≈36'01		desc. node	-1562 Sep 29 j 12:55	14°♎39'11		
direct	-1564 Mar 09 j 07:52	6°≈33'15			-1562 Oct 11 j 20:54	0°♏		
greatest brilliancy	-1564 Mar 20 j 14:19	8°≈50'34	-4.5m		-1562 Nov 05 j 01:48	0°♐		
desc. node	-1564 Apr 13 j 17:34	24°≈26'13			-1562 Nov 29 j 11:50	0°♑		
	-1564 Apr 20 j 03:23	0°♒			-1562 Dec 24 j 08:39	0°≈		
morning max el	-1564 Apr 27 j 03:31	6°♒30'03	45°49'25		-1561 Jan 19 j 04:54	0°♒		
	-1564 May 20 j 05:38	0°♓		asc. node	-1561 Jan 20 j 14:08	1°♒33'15		
	-1564 Jun 16 j 07:47	0°♑			-1561 Feb 16 j 10:36	0°♓		
	-1564 Jul 12 j 02:51	0°♊		evening max el	-1561 Feb 16 j 06:37	29°♒50'14	45°47'46	
asc. node	-1564 Aug 04 j 19:23	28°♊25'51		greatest brilliancy	-1561 Mar 22 j 11:11	26°♓35'29	-4.5m	
	-1564 Aug 06 j 02:22	0°☿			-1561 Apr 01 j 12:25	0°♑		
	-1564 Aug 30 j 12:02	0°♌		retrograde	-1561 Apr 06 j 07:09	0°♑26'05		
	-1564 Sep 23 j 12:39	0°♍			-1561 Apr 10 j 23:03	30°♒♓		
	-1564 Oct 17 j 08:40	0°♎		evening set	-1561 Apr 21 j 22:59	25°♓40'46		
morning set	-1564 Oct 22 j 21:08	6°♎57'36		inferior conj	-1561 Apr 27 j 17:29	22°♓10'42	3°16'12	
	-1564 Nov 10 j 03:40	0°♏		minimum elong	-1561 Apr 28 j 00:05	22°♓00'21	3°14'27	
desc. node	-1564 Nov 24 j 10:41	17°♏59'46		min. Earth dist.	-1561 Apr 28 j 02:59	21°♓55'47	0.29104 AU	
				morning rise	-1561 May 04 j 01:09	18°♓22'06		
superior conj	-1564 Dec 03 j 13:40	29°♏28'06	0°-21'-19	desc. node	-1561 May 12 j 05:20	14°♓50'53		
minimum elong	-1564 Dec 03 j 07:57	29°♏10'10	0°21'05	direct	-1561 May 19 j 10:53	13°♓48'36		
	-1564 Dec 03 j 23:49	0°♐		greatest brilliancy	-1561 Jun 02 j 05:22	17°♓07'14	-4.5m	
max. Earth dist.	-1564 Dec 07 j 03:00	3°♐56'02	1.71209 AU		-1561 Jun 21 j 23:17	0°♑		
	-1564 Dec 27 j 22:11	0°☾		morning max el	-1561 Jul 07 j 11:24	13°♑50'18	45°55'03	
evening rise	-1563 Jan 14 j 04:27	21°☾32'41			-1561 Jul 23 j 10:59	0°♊		
	-1563 Jan 20 j 23:31	0°≈			-1561 Aug 19 j 12:50	0°☿		
	-1563 Feb 14 j 04:53	0°♒		asc. node	-1561 Sep 02 j 07:14	16°☿05'20		
	-1563 Mar 10 j 16:02	0°♓			-1561 Sep 13 j 22:37	0°♌		
asc. node	-1563 Mar 17 j 12:01	8°♓18'40			-1561 Oct 08 j 11:30	0°♍		
	-1563 Apr 04 j 11:03	0°♑			-1561 Nov 01 j 13:52	0°♎		
	-1563 Apr 29 j 16:51	0°♊			-1561 Nov 25 j 12:27	0°♏		
	-1563 May 25 j 14:51	0°☿			-1561 Dec 19 j 11:08	0°♐		
	-1563 Jun 21 j 18:46	0°♌		desc. node	-1561 Dec 22 j 22:35	4°♐21'02		
desc. node	-1563 Jul 07 j 03:05	15°♌49'11		morning set	-1560 Jan 09 j 05:39	25°♐57'10		
evening max el	-1563 Jul 11 j 11:38	20°♌04'41	46°05'52		-1560 Jan 12 j 11:34	0°☾		
	-1563 Jul 22 j 05:55	0°♍			-1560 Feb 05 j 14:18	0°≈		
greatest brilliancy	-1563 Aug 19 j 15:35	18°♍49'29	-4.6m					
retrograde	-1563 Aug 29 j 22:54	20°♍45'58		superior conj	-1560 Feb 18 j 14:57	16°≈09'06	-1°-24'-43	
evening set	-1563 Sep 16 j 04:53	15°♍10'25		minimum elong	-1560 Feb 18 j 15:33	16°≈10'58	1°24'45	
inferior conj	-1563 Sep 19 j 17:12	13°♍04'47	-7°-58'-30	max. Earth dist.	-1560 Feb 21 j 23:15	20°≈17'40	1.72729 AU	
minimum elong	-1563 Sep 20 j 02:05	12°♍51'21	7°57'14		-1560 Feb 29 j 19:37	0°♒		
min. Earth dist.	-1563 Sep 20 j 10:23	12°♍38'47	0.26998 AU		-1560 Mar 25 j 03:50	0°♓		
morning rise	-1563 Sep 23 j 22:58	10°♍33'26		evening rise	-1560 Mar 27 j 21:38	3°♓22'09		
direct	-1563 Oct 10 j 09:03	5°♍18'48		asc. node	-1560 Apr 13 j 23:57	24°♓19'51		
greatest brilliancy	-1563 Oct 23 j 20:19	8°♍40'06	-4.7m		-1560 Apr 18 j 15:10	0°♑		
asc. node	-1563 Oct 28 j 04:28	10°♍56'54			-1560 May 13 j 05:43	0°♊		
	-1563 Nov 21 j 03:48	0°♎			-1560 Jun 07 j 00:03	0°☿		
morning max el	-1563 Nov 30 j 05:24	8°♎57'38	46°54'41		-1560 Jul 01 j 23:53	0°♌		
	-1563 Dec 19 j 19:30	0°♏			-1560 Jul 27 j 09:01	0°♍		
	-1562 Jan 14 j 23:43	0°♐		desc. node	-1560 Aug 03 j 14:59	8°♍26'23		
	-1562 Feb 09 j 09:02	0°☾			-1560 Aug 22 j 11:17	0°♎		
desc. node	-1562 Feb 16 j 20:19	8°☾54'49			-1560 Sep 19 j 04:04	0°♏		
	-1562 Mar 06 j 10:40	0°≈		evening max el	-1560 Sep 23 j 04:38	4°♏05'04	47°20'36	
	-1562 Mar 31 j 08:16	0°♒			-1560 Oct 23 j 11:29	0°♑		
	-1562 Apr 25 j 02:51	0°♓		greatest brilliancy	-1560 Oct 31 j 21:34	4°♑31'17	-4.7m	
	-1562 May 19 j 18:14	0°♑		retrograde	-1560 Nov 12 j 21:58	7°♑13'22		
morning set	-1562 Jun 01 j 04:25	15°♑11'48		asc. node	-1560 Nov 24 j 16:22	4°♑22'25		
asc. node	-1562 Jun 09 j 21:44	25°♑54'00		evening set	-1560 Nov 27 j 06:54	3°♑03'04		

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	-1560 Dec 02 j 11:22	30° \mathbb{R} \mathbb{M}		minimum elong	-1557 Apr 29 j 10:00	23° \mathbb{Y} 52'29	0°30'27
min. Earth dist.	-1560 Dec 02 j 17:51	29° \mathbb{M} 50'00	0.26541 AU		-1557 May 04 j 09:48	0° \mathcal{B}	
inferior conj	-1560 Dec 03 j 11:19	29° \mathbb{M} 23'03	2°14'25	asc. node	-1557 May 12 j 11:57	9° \mathcal{B} 55'53	
minimum elong	-1560 Dec 03 j 06:27	29° \mathbb{M} 30'35	2°12'52		-1557 May 28 j 19:59	0° \mathbb{I}	
morning rise	-1560 Dec 09 j 06:42	25° \mathbb{M} 57'33		evening rise	-1557 Jun 04 j 03:45	7° \mathbb{I} 46'21	
direct	-1560 Dec 23 j 19:19	21° \mathbb{M} 45'37			-1557 Jun 22 j 05:21	0° \mathfrak{S}	
greatest brilliancy	-1559 Jan 03 j 18:02	24° \mathbb{M} 01'08	-4.6m		-1557 Jul 16 j 14:25	0° \mathcal{O}	
	-1559 Jan 14 j 20:54	0° \mathcal{A}			-1557 Aug 10 j 00:33	0° \mathbb{M}	
morning max el	-1559 Feb 11 j 14:16	23° \mathcal{A} 37'17	46°24'40	desc. node	-1557 Sep 01 j 02:59	27° \mathbb{M} 01'25	
	-1559 Feb 17 j 23:00	0° \mathfrak{C}			-1557 Sep 03 j 13:38	0° \mathfrak{L}	
desc. node	-1559 Mar 16 j 07:58	28° \mathfrak{C} 15'59			-1557 Sep 28 j 08:13	0° \mathbb{M}	
	-1559 Mar 17 j 21:23	0° \approx			-1557 Oct 23 j 13:17	0° \mathcal{A}	
	-1559 Apr 13 j 06:23	0° \mathcal{H}			-1557 Nov 18 j 18:34	0° \mathfrak{C}	
	-1559 May 08 j 22:01	0° \mathbb{Y}		evening max el	-1557 Dec 04 j 18:23	17° \mathfrak{C} 04'15	47°08'15
	-1559 Jun 03 j 02:25	0° \mathcal{B}			-1557 Dec 18 j 02:20	0° \approx	
	-1559 Jun 27 j 21:26	0° \mathbb{I}		asc. node	-1557 Dec 23 j 04:22	4° \approx 27'36	
asc. node	-1559 Jul 07 j 09:38	11° \mathbb{I} 37'37		greatest brilliancy	-1556 Jan 10 j 12:38	17° \approx 04'25	-4.6m
	-1559 Jul 22 j 07:52	0° \mathfrak{S}		retrograde	-1556 Jan 24 j 15:40	20° \approx 46'06	
morning set	-1559 Aug 08 j 09:59	21° \mathfrak{S} 12'35		evening set	-1556 Feb 11 j 11:23	14° \approx 35'11	
	-1559 Aug 15 j 11:06	0° \mathcal{O}		inferior conj	-1556 Feb 14 j 20:25	12° \approx 27'34	8°30'20
	-1559 Sep 08 j 09:31	0° \mathbb{M}		minimum elong	-1556 Feb 14 j 19:48	12° \approx 28'33	8°30'20
max. Earth dist.	-1559 Sep 12 j 23:16	5° \mathbb{M} 44'56	1.71328 AU	min. Earth dist.	-1556 Feb 14 j 06:14	12° \approx 50'09	0.28456 AU
				morning rise	-1556 Feb 18 j 04:26	10° \approx 21'50	
superior conj	-1559 Sep 15 j 06:50	8° \mathbb{M} 39'37	1°17'50	direct	-1556 Mar 06 j 22:22	4° \approx 18'10	
minimum elong	-1559 Sep 15 j 14:18	9° \mathbb{M} 03'05	1°17'41	greatest brilliancy	-1556 Mar 18 j 04:42	6° \approx 35'27	-4.5m
	-1559 Oct 02 j 05:50	0° \mathfrak{L}		desc. node	-1556 Apr 12 j 19:42	23° \approx 26'24	
evening rise	-1559 Oct 25 j 20:21	29° \mathfrak{L} 41'29			-1556 Apr 20 j 05:10	0° \mathcal{H}	
	-1559 Oct 26 j 02:15	0° \mathbb{M}		morning max el	-1556 Apr 24 j 18:56	4° \mathcal{H} 17'20	45°50'07
desc. node	-1559 Oct 27 j 00:54	1° \mathbb{M} 11'10			-1556 May 19 j 22:24	0° \mathbb{Y}	
	-1559 Nov 19 j 00:07	0° \mathcal{A}			-1556 Jun 15 j 21:39	0° \mathcal{B}	
	-1559 Dec 13 j 00:33	0° \mathfrak{C}			-1556 Jul 11 j 15:23	0° \mathbb{I}	
	-1558 Jan 06 j 05:26	0° \approx		asc. node	-1556 Aug 03 j 21:26	27° \mathbb{I} 55'58	
	-1558 Jan 30 j 18:13	0° \mathcal{H}			-1556 Aug 05 j 14:13	0° \mathfrak{S}	
asc. node	-1558 Feb 17 j 02:03	20° \mathcal{H} 48'24			-1556 Aug 29 j 23:33	0° \mathcal{O}	
	-1558 Feb 24 j 20:33	0° \mathbb{Y}			-1556 Sep 23 j 00:00	0° \mathbb{M}	
	-1558 Mar 22 j 22:27	0° \mathcal{B}			-1556 Oct 16 j 19:59	0° \mathfrak{L}	
	-1558 Apr 20 j 00:02	0° \mathbb{I}		morning set	-1556 Oct 20 j 08:32	4° \mathfrak{L} 26'32	
evening max el	-1558 Apr 27 j 22:42	7° \mathbb{I} 47'11	45°13'54		-1556 Nov 09 j 14:59	0° \mathbb{M}	
	-1558 May 25 j 08:37	0° \mathfrak{S}		desc. node	-1556 Nov 23 j 12:51	17° \mathbb{M} 30'57	
greatest brilliancy	-1558 Jun 02 j 10:52	4° \mathfrak{S} 14'25	-4.5m				
desc. node	-1558 Jun 08 j 17:21	6° \mathfrak{S} 20'19		superior conj	-1556 Nov 30 j 22:37	26° \mathbb{M} 49'50	0°-17'-22
retrograde	-1558 Jun 15 j 07:53	7° \mathfrak{S} 08'30		minimum elong	-1556 Nov 30 j 17:55	26° \mathbb{M} 35'03	0°17'11
evening set	-1558 Jul 01 j 01:26	2° \mathfrak{S} 29'34			-1556 Dec 03 j 11:09	0° \mathcal{A}	
	-1558 Jul 05 j 07:26	30° \mathbb{R} \mathbb{I}		max. Earth dist.	-1556 Dec 04 j 08:03	1° \mathcal{A} 05'38	1.71180 AU
inferior conj	-1558 Jul 06 j 16:25	29° \mathbb{I} 09'17	-5°-59'-22		-1556 Dec 27 j 09:32	0° \mathfrak{C}	
minimum elong	-1558 Jul 06 j 06:19	29° \mathbb{I} 24'52	5°57'11	evening rise	-1555 Jan 11 j 15:24	19° \mathfrak{C} 02'03	
min. Earth dist.	-1558 Jul 06 j 22:55	28° \mathbb{I} 59'16	0.28484 AU		-1555 Jan 20 j 10:51	0° \approx	
morning rise	-1558 Jul 11 j 10:44	26° \mathbb{I} 16'42			-1555 Feb 13 j 16:17	0° \mathcal{H}	
direct	-1558 Jul 28 j 04:45	20° \mathbb{I} 59'03			-1555 Mar 10 j 03:38	0° \mathbb{Y}	
greatest brilliancy	-1558 Aug 11 j 16:04	24° \mathbb{I} 39'17	-4.6m	asc. node	-1555 Mar 16 j 14:03	7° \mathbb{Y} 49'21	
	-1558 Aug 20 j 19:36	0° \mathfrak{S}			-1555 Apr 03 j 23:07	0° \mathcal{B}	
morning max el	-1558 Sep 16 j 04:36	22° \mathfrak{S} 46'47	46°33'21		-1555 Apr 29 j 05:48	0° \mathbb{I}	
	-1558 Sep 23 j 05:43	0° \mathcal{O}			-1555 May 25 j 05:29	0° \mathfrak{S}	
asc. node	-1558 Sep 29 j 18:54	6° \mathcal{O} 58'52			-1555 Jun 21 j 13:04	0° \mathcal{O}	
	-1558 Oct 20 j 05:34	0° \mathbb{M}		desc. node	-1555 Jul 06 j 05:14	14° \mathcal{O} 59'15	
	-1558 Nov 14 j 11:28	0° \mathfrak{L}		evening max el	-1555 Jul 09 j 01:41	17° \mathcal{O} 45'34	46°03'16
	-1558 Dec 09 j 01:23	0° \mathbb{M}			-1555 Jul 22 j 13:11	0° \mathbb{M}	
	-1557 Jan 02 j 10:03	0° \mathcal{A}		greatest brilliancy	-1555 Aug 17 j 01:54	16° \mathbb{M} 22'41	-4.6m
desc. node	-1557 Jan 19 j 10:32	20° \mathcal{A} 59'17		retrograde	-1555 Aug 27 j 11:48	18° \mathbb{M} 20'55	
	-1557 Jan 26 j 18:00	0° \mathfrak{C}		evening set	-1555 Sep 13 j 20:20	12° \mathbb{M} 40'52	
	-1557 Feb 20 j 02:46	0° \approx		inferior conj	-1555 Sep 17 j 05:55	10° \mathbb{M} 39'04	-8°-8'-15
	-1557 Mar 16 j 12:34	0° \mathcal{H}		minimum elong	-1555 Sep 17 j 14:14	10° \mathbb{M} 26'29	8°07'10
morning set	-1557 Mar 23 j 09:21	8° \mathcal{H} 25'58		min. Earth dist.	-1555 Sep 17 j 22:42	10° \mathbb{M} 13'41	0.27055 AU
	-1557 Apr 09 j 23:06	0° \mathbb{Y}		morning rise	-1555 Sep 21 j 07:54	8° \mathbb{M} 13'16	
max. Earth dist.	-1557 Apr 28 j 13:30	22° \mathbb{Y} 49'35	1.73686 AU	direct	-1555 Oct 07 j 23:10	2° \mathbb{M} 52'24	
				greatest brilliancy	-1555 Oct 21 j 10:46	6° \mathbb{M} 14'40	-4.7m
superior conj	-1557 Apr 29 j 04:08	23° \mathbb{Y} 34'29	0°-30'-43	asc. node	-1555 Oct 27 j 06:40	9° \mathbb{M} 25'13	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1555 Nov 21 j 06:23	0°♄				-1552 Jul 26 j 23:07	0°♍		
morning max el	-1555 Nov 27 j 20:04	6°♄33'50	46°54'43	desc. node		-1552 Aug 02 j 16:58	7°♍49'52		
	-1555 Dec 19 j 13:14	0°♍				-1552 Aug 22 j 03:52	0°♄		
	-1554 Jan 14 j 14:31	0°♌				-1552 Sep 19 j 02:38	0°♍		
	-1554 Feb 08 j 22:21	0°♌		evening max el		-1552 Sep 20 j 18:22	1°♍39'59	47°19'03	
desc. node	-1554 Feb 15 j 22:16	8°♌21'46				-1552 Oct 25 j 05:24	0°♌		
	-1554 Mar 05 j 23:05	0°♍		greatest brilliancy		-1552 Oct 29 j 14:01	2°♌06'08	-4.7m	
	-1554 Mar 30 j 20:04	0°♋		retrograde		-1552 Nov 10 j 10:31	4°♌44'02		
	-1554 Apr 24 j 14:14	0°♍		asc. node		-1552 Nov 23 j 18:30	1°♌08'06		
	-1554 May 19 j 05:23	0°♌		evening set		-1552 Nov 24 j 19:20	0°♌35'21		
morning set	-1554 May 29 j 22:55	13°♌07'31				-1552 Nov 25 j 20:54	30°♍		
asc. node	-1554 Jun 08 j 23:52	25°♌26'34		min. Earth dist.		-1552 Nov 30 j 08:08	27°♍19'44	0.26495 AU	
	-1554 Jun 12 j 16:49	0°♍		inferior conj		-1552 Dec 01 j 00:04	26°♍55'10	1°51'14	
max. Earth dist.	-1554 Jul 01 j 07:40	22°♍57'53	1.72982 AU	minimum elong		-1552 Nov 30 j 19:59	27°♍01'29	1°49'54	
				morning rise		-1552 Dec 06 j 21:15	23°♍27'07		
superior conj	-1554 Jul 05 j 02:56	27°♍40'15	0°56'28	direct		-1552 Dec 21 j 07:28	19°♍18'33		
minimum elong	-1554 Jul 04 j 18:19	27°♍13'35	0°56'11	greatest brilliancy		-1551 Jan 01 j 08:12	21°♍35'39	-4.6m	
	-1554 Jul 07 j 00:04	0°♌				-1551 Jan 15 j 21:38	0°♌		
	-1554 Jul 31 j 03:39	0°♌		morning max el		-1551 Feb 09 j 02:24	21°♌11'40	46°26'04	
evening rise	-1554 Aug 10 j 09:40	12°♌46'29				-1551 Feb 17 j 19:38	0°♌		
	-1554 Aug 24 j 05:04	0°♍		desc. node		-1551 Mar 15 j 10:09	27°♌38'13		
	-1554 Sep 17 j 06:13	0°♄				-1551 Mar 17 j 12:54	0°♍		
desc. node	-1554 Sep 28 j 15:01	14°♄09'31				-1551 Apr 12 j 19:48	0°♋		
	-1554 Oct 11 j 08:42	0°♍				-1551 May 08 j 10:20	0°♍		
	-1554 Nov 04 j 13:59	0°♌				-1551 Jun 02 j 14:05	0°♌		
	-1554 Nov 29 j 00:35	0°♌				-1551 Jun 27 j 08:43	0°♍		
	-1554 Dec 23 j 22:24	0°♍		asc. node		-1551 Jul 06 j 11:40	11°♍09'29		
	-1553 Jan 18 j 20:51	0°♋				-1551 Jul 21 j 18:57	0°♌		
asc. node	-1553 Jan 19 j 16:08	0°♋53'53		morning set		-1551 Aug 06 j 01:45	18°♌57'47		
evening max el	-1553 Feb 13 j 22:53	27°♋38'18	45°50'06			-1551 Aug 14 j 22:08	0°♌		
	-1553 Feb 16 j 09:08	0°♍				-1551 Sep 07 j 20:36	0°♍		
greatest brilliancy	-1553 Mar 20 j 04:54	24°♍27'59	-4.5m	max. Earth dist.		-1551 Sep 10 j 08:27	3°♍08'04	1.71375 AU	
retrograde	-1553 Apr 03 j 23:50	28°♍17'14							
evening set	-1553 Apr 19 j 17:46	23°♍29'09		superior conj		-1551 Sep 12 j 20:17	6°♍16'05	1°19'09	
inferior conj	-1553 Apr 25 j 10:07	20°♍01'34	3°33'48	minimum elong		-1551 Sep 13 j 03:03	6°♍37'23	1°19'04	
minimum elong	-1553 Apr 25 j 17:11	19°♍50'26	3°31'59			-1551 Oct 01 j 17:01	0°♄		
min. Earth dist.	-1553 Apr 25 j 19:16	19°♍47'09	0.29110 AU	evening rise		-1551 Oct 23 j 06:07	27°♄05'58		
morning rise	-1553 May 01 j 16:39	16°♍14'13				-1551 Oct 25 j 13:31	0°♍		
desc. node	-1553 May 11 j 07:30	12°♍20'07		desc. node		-1551 Oct 26 j 03:05	0°♍42'36		
direct	-1553 May 17 j 03:53	11°♍39'36				-1551 Nov 18 j 11:29	0°♌		
greatest brilliancy	-1553 May 30 j 19:06	14°♍54'52	-4.5m			-1551 Dec 12 j 12:02	0°♌		
	-1553 Jun 22 j 06:21	0°♌				-1550 Jan 05 j 17:07	0°♍		
morning max el	-1553 Jul 05 j 03:08	11°♌38'50	45°54'02			-1550 Jan 30 j 06:19	0°♋		
	-1553 Jul 23 j 04:47	0°♍		asc. node		-1550 Feb 16 j 04:06	20°♋17'04		
	-1553 Aug 19 j 03:14	0°♌				-1550 Feb 24 j 09:32	0°♍		
asc. node	-1553 Sep 01 j 09:14	15°♌31'14				-1550 Mar 22 j 13:22	0°♌		
	-1553 Sep 13 j 11:34	0°♌				-1550 Apr 19 j 20:13	0°♍		
	-1553 Oct 07 j 23:43	0°♍		evening max el		-1550 Apr 25 j 13:06	5°♍33'03	45°13'34	
	-1553 Nov 01 j 01:41	0°♄				-1550 May 26 j 20:11	0°♌		
	-1553 Nov 25 j 00:02	0°♍		greatest brilliancy		-1550 May 30 j 22:37	1°♌58'23	-4.5m	
	-1553 Dec 18 j 22:31	0°♌		desc. node		-1550 Jun 07 j 19:27	4°♌26'44		
desc. node	-1553 Dec 22 j 00:42	3°♌52'08		retrograde		-1550 Jun 12 j 22:57	4°♌56'23		
morning set	-1552 Jan 06 j 16:25	23°♌25'56		evening set		-1550 Jun 28 j 13:58	0°♌20'18		
	-1552 Jan 11 j 22:48	0°♌				-1550 Jun 29 j 04:37	30°♍		
	-1552 Feb 05 j 01:25	0°♍		inferior conj		-1550 Jul 04 j 07:43	26°♍56'27	-5°-43'-49	
				minimum elong		-1550 Jul 03 j 21:43	27°♍11'51	5°41'34	
superior conj	-1552 Feb 16 j 04:55	13°♍49'19	-1°-24'-45	min. Earth dist.		-1550 Jul 04 j 14:17	26°♍46'20	0.28521 AU	
minimum elong	-1552 Feb 16 j 04:39	13°♍48'30	1°24'48	morning rise		-1550 Jul 09 j 04:58	23°♍59'44		
max. Earth dist.	-1552 Feb 19 j 18:01	18°♍12'51	1.72679 AU	direct		-1550 Jul 25 j 20:00	18°♍45'20		
	-1552 Feb 29 j 06:41	0°♋		greatest brilliancy		-1550 Aug 09 j 09:27	22°♍27'35	-4.6m	
	-1552 Mar 24 j 14:55	0°♍				-1550 Aug 21 j 15:15	0°♌		
evening rise	-1552 Mar 25 j 14:01	1°♍10'59		morning max el		-1550 Sep 13 j 19:15	20°♌27'52	46°32'01	
asc. node	-1552 Apr 13 j 02:07	23°♍52'21				-1550 Sep 23 j 01:23	0°♌		
	-1552 Apr 18 j 02:21	0°♌		asc. node		-1550 Sep 28 j 21:08	6°♌15'30		
	-1552 May 12 j 17:10	0°♍				-1550 Oct 19 j 20:51	0°♍		
	-1552 Jun 06 j 11:59	0°♌				-1550 Nov 14 j 00:59	0°♄		
	-1552 Jul 01 j 12:38	0°♌				-1550 Dec 08 j 13:57	0°♍		

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	-1549 Jan 01 j 22:01	0°♊		evening max el	-1547 Jul 06 j 16:02	15°♏28'19	46°00'23
desc. node	-1549 Jan 18 j 12:30	20°♊29'21			-1547 Jul 22 j 22:37	0°♎	
	-1549 Jan 26 j 05:32	0°♊		greatest brilliancy	-1547 Aug 14 j 12:57	13°♎57'33	-4.6m
	-1549 Feb 19 j 13:58	0°♋		retrograde	-1547 Aug 25 j 00:21	15°♎56'21	
	-1549 Mar 15 j 23:30	0°♋		evening set	-1547 Sep 11 j 11:32	10°♎12'28	
morning set	-1549 Mar 21 j 02:04	6°♋16'30		inferior conj	-1547 Sep 14 j 18:35	8°♎14'04	-8°-17'-4
	-1549 Apr 09 j 09:51	0°♌		minimum elong	-1547 Sep 15 j 02:15	8°♎02'27	8°16'11
				min. Earth dist.	-1547 Sep 15 j 11:03	7°♎49'06	0.27113 AU
superior conj	-1549 Apr 26 j 22:36	21°♌31'01	0°-33'-35	morning rise	-1547 Sep 18 j 16:45	5°♎53'34	
minimum elong	-1549 Apr 27 j 04:57	21°♌50'31	0°33'19	direct	-1547 Oct 05 j 13:09	0°♎26'46	
max. Earth dist.	-1549 Apr 26 j 10:44	20°♌54'35	1.73685 AU	greatest brilliancy	-1547 Oct 19 j 00:29	3°♎48'49	-4.7m
	-1549 May 03 j 20:30	0°♍		asc. node	-1547 Oct 26 j 08:45	7°♎57'02	
asc. node	-1549 May 11 j 14:06	9°♍29'33			-1547 Nov 21 j 07:20	0°♎	
	-1549 May 28 j 06:46	0°♍		morning max el	-1547 Nov 25 j 09:58	4°♎08'50	46°54'48
evening rise	-1549 Jun 01 j 23:15	5°♍45'33			-1547 Dec 19 j 06:18	0°♎	
	-1549 Jun 21 j 16:20	0°♍			-1546 Jan 14 j 04:48	0°♊	
	-1549 Jul 16 j 01:43	0°♍			-1546 Feb 08 j 11:12	0°♊	
	-1549 Aug 09 j 12:17	0°♎		desc. node	-1546 Feb 15 j 00:24	7°♊50'32	
desc. node	-1549 Aug 31 j 05:05	26°♎30'31			-1546 Mar 05 j 11:02	0°♋	
	-1549 Sep 03 j 01:59	0°♎			-1546 Mar 30 j 07:26	0°♋	
	-1549 Sep 27 j 21:28	0°♎			-1546 Apr 24 j 01:12	0°♌	
	-1549 Oct 23 j 04:05	0°♊			-1546 May 18 j 16:07	0°♌	
	-1549 Nov 18 j 12:34	0°♊		morning set	-1546 May 27 j 17:55	11°♌06'05	
evening max el	-1549 Dec 02 j 09:30	14°♊44'35	47°10'30	asc. node	-1546 Jun 08 j 01:55	25°♌00'16	
	-1549 Dec 18 j 07:46	0°♋			-1546 Jun 12 j 03:26	0°♍	
asc. node	-1549 Dec 22 j 06:25	3°♋21'54		max. Earth dist.	-1546 Jun 29 j 02:30	20°♍55'00	1.73030 AU
greatest brilliancy	-1548 Jan 08 j 05:02	14°♋48'42	-4.6m				
retrograde	-1548 Jan 22 j 08:16	18°♋30'51		superior conj	-1546 Jul 02 j 21:29	25°♍36'19	0°54'07
evening set	-1548 Feb 09 j 02:11	12°♋21'23		minimum elong	-1546 Jul 02 j 13:00	25°♍10'04	0°53'49
min. Earth dist.	-1548 Feb 11 j 20:37	10°♋37'15	0.28397 AU		-1546 Jul 06 j 10:41	0°♍	
inferior conj	-1548 Feb 12 j 12:09	10°♋12'34	8°29'53		-1546 Jul 30 j 14:23	0°♍	
minimum elong	-1548 Feb 12 j 10:46	10°♋14'47	8°29'50	evening rise	-1546 Aug 08 j 02:16	10°♍34'52	
morning rise	-1548 Feb 15 j 19:34	8°♋08'03			-1546 Aug 23 j 16:01	0°♎	
direct	-1548 Mar 04 j 13:16	2°♋04'05			-1546 Sep 16 j 17:27	0°♎	
greatest brilliancy	-1548 Mar 15 j 18:14	4°♋20'33	-4.5m	desc. node	-1546 Sep 27 j 17:11	13°♎40'52	
desc. node	-1548 Apr 11 j 21:50	22°♋29'10			-1546 Oct 10 j 20:17	0°♎	
	-1548 Apr 20 j 05:10	0°♋			-1546 Nov 04 j 01:57	0°♊	
morning max el	-1548 Apr 22 j 11:04	2°♋07'35	45°50'51		-1546 Nov 28 j 13:06	0°♊	
	-1548 May 19 j 14:25	0°♌			-1546 Dec 23 j 11:57	0°♋	
	-1548 Jun 15 j 11:02	0°♌		asc. node	-1545 Jan 18 j 18:12	0°♋15'20	
	-1548 Jul 11 j 03:35	0°♍			-1545 Jan 18 j 12:42	0°♋	
asc. node	-1548 Aug 02 j 23:30	27°♍26'52		evening max el	-1545 Feb 11 j 14:26	25°♋25'35	45°52'32
	-1548 Aug 05 j 01:49	0°♍			-1545 Feb 16 j 08:08	0°♌	
	-1548 Aug 29 j 10:51	0°♍		greatest brilliancy	-1545 Mar 17 j 22:54	22°♌22'06	-4.5m
	-1548 Sep 22 j 11:09	0°♎		retrograde	-1545 Apr 01 j 16:22	26°♌10'04	
	-1548 Oct 16 j 07:02	0°♎		evening set	-1545 Apr 17 j 12:47	21°♌19'04	
morning set	-1548 Oct 17 j 19:56	1°♎56'17		inferior conj	-1545 Apr 23 j 02:57	17°♌54'12	3°51'07
	-1548 Nov 09 j 02:01	0°♎		minimum elong	-1545 Apr 23 j 10:26	17°♌42'23	3°49'13
desc. node	-1548 Nov 22 j 14:54	17°♎02'40		min. Earth dist.	-1545 Apr 23 j 12:01	17°♌39'53	0.29110 AU
				morning rise	-1545 Apr 29 j 08:07	14°♌08'15	
superior conj	-1548 Nov 28 j 07:28	24°♎12'05	0°-13'-24	desc. node	-1545 May 10 j 09:34	9°♌55'44	
minimum elong	-1548 Nov 28 j 03:49	24°♎00'35	0°13'15	direct	-1545 May 14 j 20:30	9°♌32'24	
behind sun begin	-1548 Nov 27 j 11:46	23°♎10'08		greatest brilliancy	-1545 May 28 j 09:00	12°♌44'17	-4.5m
behind sun end	-1548 Nov 28 j 19:51	24°♎51'02			-1545 Jun 22 j 10:36	0°♌	
max. Earth dist.	-1548 Dec 01 j 16:06	28°♎25'30	1.71150 AU	morning max el	-1545 Jul 02 j 18:22	9°♌27'40	45°53'12
	-1548 Dec 02 j 22:11	0°♊			-1545 Jul 22 j 21:38	0°♍	
	-1548 Dec 26 j 20:34	0°♊			-1545 Aug 18 j 16:59	0°♍	
evening rise	-1547 Jan 09 j 02:22	16°♊32'19		asc. node	-1545 Aug 31 j 11:29	14°♍59'27	
	-1547 Jan 19 j 21:53	0°♋			-1545 Sep 13 j 00:01	0°♍	
	-1547 Feb 13 j 03:22	0°♋			-1545 Oct 07 j 11:33	0°♎	
	-1547 Mar 09 j 14:54	0°♌			-1545 Oct 31 j 13:13	0°♎	
asc. node	-1547 Mar 15 j 16:17	7°♌21'42			-1545 Nov 24 j 11:22	0°♎	
	-1547 Apr 03 j 10:50	0°♌			-1545 Dec 18 j 09:41	0°♊	
	-1547 Apr 28 j 18:23	0°♍		desc. node	-1545 Dec 21 j 02:44	3°♊23'34	
	-1547 May 24 j 19:48	0°♍		morning set	-1544 Jan 04 j 02:36	20°♊53'27	
	-1547 Jun 21 j 07:21	0°♍			-1544 Jan 11 j 09:47	0°♊	
desc. node	-1547 Jul 05 j 07:10	14°♍08'57			-1544 Feb 04 j 12:17	0°♋	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

superior conj	-1544 Feb 13 j 18:30	11° \approx 29'12	-1°-24'-39	min. Earth dist.	-1542 Jul 02 j 05:29	24° Π 34'35	0.28553 AU
minimum elong	-1544 Feb 13 j 17:20	11° \approx 25'34	1°24'41	morning rise	-1542 Jul 06 j 23:15	21° Π 43'44	
max. Earth dist.	-1544 Feb 17 j 11:32	16° \approx 04'58	1.72620 AU	direct	-1542 Jul 23 j 11:52	16° Π 32'31	
	-1544 Feb 28 j 17:28	0° \times		greatest brilliancy	-1542 Aug 07 j 02:35	20° Π 16'31	-4.6m
evening rise	-1544 Mar 23 j 06:13	29° \times 00'08			-1542 Aug 22 j 05:36	0° \ominus	
	-1544 Mar 24 j 01:42	0° Υ		morning max el	-1542 Sep 11 j 11:03	18° \ominus 12'48	46°30'47
asc. node	-1544 Apr 12 j 04:13	23° Υ 25'37			-1542 Sep 22 j 20:16	0° Ω	
	-1544 Apr 17 j 13:14	0° \mathcal{B}		asc. node	-1542 Sep 27 j 23:10	5° Ω 32'43	
	-1544 May 12 j 04:18	0° Π			-1542 Oct 19 j 11:43	0° \mathcal{M}	
	-1544 Jun 05 j 23:35	0° \ominus			-1542 Nov 13 j 14:12	0° $\underline{\Omega}$	
	-1544 Jul 01 j 01:03	0° Ω			-1542 Dec 08 j 02:19	0° \mathcal{M}	
	-1544 Jul 26 j 12:55	0° \mathcal{M}			-1541 Jan 01 j 09:51	0° \mathcal{A}	
desc. node	-1544 Aug 01 j 19:08	7° \mathcal{M} 14'57		desc. node	-1541 Jan 17 j 14:38	20° \mathcal{A} 00'08	
	-1544 Aug 21 j 20:17	0° $\underline{\Omega}$			-1541 Jan 25 j 17:01	0° \mathcal{B}	
evening max el	-1544 Sep 18 j 07:00	29° $\underline{\Omega}$ 13'16	47°17'10		-1541 Feb 19 j 01:11	0° \approx	
	-1544 Sep 19 j 01:44	0° \mathcal{M}			-1541 Mar 15 j 10:29	0° \times	
greatest brilliancy	-1544 Oct 27 j 05:55	29° \mathcal{M} 40'27	-4.7m	morning set	-1541 Mar 18 j 18:11	4° \times 04'52	
	-1544 Oct 28 j 01:12	0° \mathcal{A}			-1541 Apr 08 j 20:41	0° Υ	
retrograde	-1544 Nov 07 j 22:37	2° \mathcal{A} 14'40					
	-1544 Nov 18 j 09:50	30° $\mathcal{R}\mathcal{M}$		superior conj	-1541 Apr 24 j 16:33	19° Υ 25'45	0°-36'-28
evening set	-1544 Nov 22 j 07:40	28° \mathcal{M} 06'48		minimum elong	-1541 Apr 24 j 23:22	19° Υ 46'39	0°36'10
asc. node	-1544 Nov 22 j 20:33	27° \mathcal{M} 49'16		max. Earth dist.	-1541 Apr 24 j 08:46	19° Υ 01'51	1.73677 AU
min. Earth dist.	-1544 Nov 27 j 22:26	24° \mathcal{M} 48'45	0.26463 AU		-1541 May 03 j 07:16	0° \mathcal{B}	
inferior conj	-1544 Nov 28 j 12:33	24° \mathcal{M} 27'00	1°27'27	asc. node	-1541 May 10 j 16:05	9° \mathcal{B} 02'35	
minimum elong	-1544 Nov 28 j 09:19	24° \mathcal{M} 31'59	1°26'23		-1541 May 27 j 17:35	0° Π	
morning rise	-1544 Dec 04 j 11:25	20° \mathcal{M} 56'36		evening rise	-1541 May 30 j 18:29	3° Π 43'54	
direct	-1544 Dec 18 j 19:03	16° \mathcal{M} 50'41			-1541 Jun 21 j 03:21	0° \ominus	
greatest brilliancy	-1544 Dec 29 j 23:15	19° \mathcal{M} 10'45	-4.6m		-1541 Jul 15 j 13:03	0° Ω	
	-1543 Jan 16 j 15:59	0° \mathcal{A}			-1541 Aug 09 j 00:03	0° \mathcal{M}	
morning max el	-1543 Feb 06 j 14:50	18° \mathcal{A} 46'32	46°27'38	desc. node	-1541 Aug 30 j 07:15	25° \mathcal{M} 59'37	
	-1543 Feb 17 j 15:35	0° \mathcal{B}			-1541 Sep 02 j 14:23	0° $\underline{\Omega}$	
desc. node	-1543 Mar 14 j 12:19	27° \mathcal{B} 01'06			-1541 Sep 27 j 10:48	0° \mathcal{M}	
	-1543 Mar 17 j 04:05	0° \approx			-1541 Oct 22 j 19:00	0° \mathcal{A}	
	-1543 Apr 12 j 08:56	0° \times			-1541 Nov 18 j 06:57	0° \mathcal{B}	
	-1543 May 07 j 22:22	0° Υ		evening max el	-1541 Nov 30 j 01:26	12° \mathcal{B} 27'01	47°12'31
	-1543 Jun 02 j 01:28	0° \mathcal{B}			-1541 Dec 18 j 15:28	0° \approx	
	-1543 Jun 26 j 19:44	0° Π		asc. node	-1541 Dec 21 j 08:28	2° \approx 14'20	
asc. node	-1543 Jul 05 j 13:45	10° Π 42'19		greatest brilliancy	-1540 Jan 05 j 21:21	12° \approx 32'29	-4.6m
	-1543 Jul 21 j 05:47	0° \ominus		retrograde	-1540 Jan 20 j 00:48	16° \approx 14'29	
morning set	-1543 Aug 03 j 18:05	16° \ominus 45'38		evening set	-1540 Feb 06 j 16:28	10° \approx 07'03	
	-1543 Aug 14 j 08:55	0° Ω		min. Earth dist.	-1540 Feb 09 j 10:38	8° \approx 23'27	0.28341 AU
	-1543 Sep 07 j 07:26	0° \mathcal{M}		inferior conj	-1540 Feb 10 j 03:40	7° \approx 56'26	8°28'33
max. Earth dist.	-1543 Sep 07 j 21:04	0° \mathcal{M} 42'52	1.71421 AU	minimum elong	-1540 Feb 10 j 01:31	7° \approx 59'49	8°28'27
				morning rise	-1540 Feb 13 j 10:51	5° \approx 52'30	
superior conj	-1543 Sep 10 j 10:22	3° \mathcal{M} 55'27	1°20'19		-1540 Feb 28 j 04:00	30° $\mathcal{R}\mathcal{B}$	
minimum elong	-1543 Sep 10 j 16:26	4° \mathcal{M} 14'31	1°20'15	direct	-1540 Mar 02 j 04:30	29° \mathcal{B} 48'56	
	-1543 Oct 01 j 03:56	0° $\underline{\Omega}$			-1540 Mar 05 j 06:16	0° \approx	
evening rise	-1543 Oct 20 j 16:26	24° $\underline{\Omega}$ 33'00		greatest brilliancy	-1540 Mar 13 j 06:52	2° \approx 03'38	-4.5m
desc. node	-1543 Oct 25 j 05:06	0° \mathcal{M} 14'15		desc. node	-1540 Apr 10 j 23:51	21° \approx 32'04	
	-1543 Oct 25 j 00:34	0° \mathcal{M}		morning max el	-1540 Apr 20 j 03:15	29° \approx 57'08	45°51'31
	-1543 Nov 17 j 22:41	0° \mathcal{A}			-1540 Apr 20 j 04:27	0° \times	
	-1543 Dec 11 j 23:25	0° \mathcal{B}			-1540 May 19 j 06:27	0° Υ	
	-1542 Jan 05 j 04:47	0° \approx			-1540 Jun 15 j 00:32	0° \mathcal{B}	
	-1542 Jan 29 j 18:27	0° \times			-1540 Jul 10 j 15:53	0° Π	
asc. node	-1542 Feb 15 j 06:19	19° \times 46'06		asc. node	-1540 Aug 02 j 01:41	26° Π 57'49	
	-1542 Feb 23 j 22:35	0° Υ			-1540 Aug 04 j 13:30	0° \ominus	
	-1542 Mar 22 j 04:26	0° \mathcal{B}			-1540 Aug 28 j 22:13	0° Ω	
	-1542 Apr 19 j 16:58	0° Π			-1540 Sep 21 j 22:23	0° \mathcal{M}	
evening max el	-1542 Apr 23 j 04:17	3° Π 21'13	45°13'35	morning set	-1540 Oct 15 j 07:37	29° \mathcal{M} 26'38	
greatest brilliancy	-1542 May 28 j 10:01	29° Π 42'44	-4.5m		-1540 Oct 15 j 18:13	0° $\underline{\Omega}$	
	-1542 May 29 j 02:18	0° \ominus			-1540 Nov 08 j 13:10	0° \mathcal{M}	
desc. node	-1542 Jun 06 j 21:28	2° \ominus 29'32		desc. node	-1540 Nov 21 j 16:57	16° \mathcal{M} 34'01	
retrograde	-1542 Jun 10 j 14:34	2° \ominus 45'09					
	-1542 Jun 22 j 12:14	30° $\mathcal{R}\mathcal{M}$		superior conj	-1540 Nov 25 j 16:40	21° \mathcal{M} 35'04	0°-9'-25
evening set	-1542 Jun 26 j 02:52	28° Π 11'39		minimum elong	-1540 Nov 25 j 14:05	21° \mathcal{M} 26'56	0°09'19
inferior conj	-1542 Jul 01 j 23:08	24° Π 44'22	-5°-27'-54	behind sun begin	-1540 Nov 24 j 15:38	20° \mathcal{M} 16'21	
minimum elong	-1542 Jul 01 j 13:18	24° Π 59'29	5°25'37	behind sun end	-1540 Nov 26 j 12:32	22° \mathcal{M} 37'31	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

max. Earth dist.	-1540 Nov 29 j 01:29	25° \mathbb{M} 49'07	1.71118 AU	greatest brilliancy	-1537 May 25 j 23:49	10° \mathbb{Y} 33'44	-4.5m
	-1540 Dec 02 j 09:20	0° \mathbb{X}			-1537 Jun 22 j 13:43	0° \mathbb{B}	
	-1540 Dec 26 j 07:41	0° \mathbb{C}		morning max el	-1537 Jun 30 j 09:32	7° \mathbb{B} 15'03	45°52'21
evening rise	-1539 Jan 06 j 13:30	14° \mathbb{C} 02'42			-1537 Jul 22 j 14:38	0° \mathbb{H}	
	-1539 Jan 19 j 09:00	0° \mathbb{A}			-1537 Aug 18 j 07:04	0° \mathbb{G}	
	-1539 Feb 12 j 14:35	0° \mathbb{H}		asc. node	-1537 Aug 30 j 13:31	14° \mathbb{G} 25'48	
	-1539 Mar 09 j 02:23	0° \mathbb{Y}			-1537 Sep 12 j 12:49	0° \mathbb{Q}	
asc. node	-1539 Mar 14 j 18:18	6° \mathbb{Y} 52'44			-1537 Oct 06 j 23:43	0° \mathbb{P}	
	-1539 Apr 02 j 22:49	0° \mathbb{B}			-1537 Oct 31 j 01:02	0° \mathbb{L}	
	-1539 Apr 28 j 07:20	0° \mathbb{H}			-1537 Nov 23 j 22:58	0° \mathbb{M}	
	-1539 May 24 j 10:36	0° \mathbb{G}			-1537 Dec 17 j 21:07	0° \mathbb{X}	
	-1539 Jun 21 j 02:28	0° \mathbb{Q}		desc. node	-1537 Dec 20 j 04:50	2° \mathbb{X} 54'24	
evening max el	-1539 Jul 04 j 05:59	13° \mathbb{Q} 09'22	45°57'40	morning set	-1536 Jan 01 j 12:38	18° \mathbb{X} 19'25	
desc. node	-1539 Jul 04 j 09:23	13° \mathbb{Q} 17'30			-1536 Jan 10 j 21:06	0° \mathbb{C}	
	-1539 Jul 23 j 11:39	0° \mathbb{P}			-1536 Feb 03 j 23:28	0° \mathbb{A}	
greatest brilliancy	-1539 Aug 12 j 00:54	11° \mathbb{P} 33'01	-4.6m				
retrograde	-1539 Aug 22 j 12:24	13° \mathbb{P} 31'26		superior conj	-1536 Feb 11 j 08:04	9° \mathbb{A} 07'55	-1°-24'-24
evening set	-1539 Sep 09 j 02:38	7° \mathbb{P} 44'09		minimum elong	-1536 Feb 11 j 05:59	9° \mathbb{A} 01'27	1°24'26
inferior conj	-1539 Sep 12 j 07:21	5° \mathbb{P} 48'54	-8°-25'-1	max. Earth dist.	-1536 Feb 15 j 02:33	13° \mathbb{A} 48'19	1.72560 AU
minimum elong	-1539 Sep 12 j 14:18	5° \mathbb{P} 38'21	8°24'18		-1536 Feb 28 j 04:34	0° \mathbb{H}	
min. Earth dist.	-1539 Sep 12 j 23:46	5° \mathbb{P} 23'57	0.27169 AU	evening rise	-1536 Mar 20 j 22:23	26° \mathbb{H} 48'13	
morning rise	-1539 Sep 16 j 01:46	3° \mathbb{P} 33'28			-1536 Mar 23 j 12:47	0° \mathbb{Y}	
	-1539 Sep 23 j 05:02	30° \mathbb{R} \mathbb{Q}		asc. node	-1536 Apr 11 j 06:15	22° \mathbb{Y} 57'48	
direct	-1539 Oct 03 j 02:45	28° \mathbb{Q} 00'53			-1536 Apr 17 j 00:26	0° \mathbb{B}	
	-1539 Oct 13 j 08:07	0° \mathbb{P}			-1536 May 11 j 15:47	0° \mathbb{H}	
greatest brilliancy	-1539 Oct 16 j 14:22	1° \mathbb{P} 22'38	-4.7m		-1536 Jun 05 j 11:36	0° \mathbb{G}	
asc. node	-1539 Oct 25 j 10:49	6° \mathbb{P} 31'09			-1536 Jun 30 j 13:58	0° \mathbb{Q}	
	-1539 Nov 21 j 07:24	0° \mathbb{L}			-1536 Jul 26 j 03:19	0° \mathbb{P}	
morning max el	-1539 Nov 22 j 23:02	1° \mathbb{L} 40'55	46°54'52	desc. node	-1536 Jul 31 j 21:14	6° \mathbb{P} 38'08	
	-1539 Dec 18 j 23:16	0° \mathbb{M}			-1536 Aug 21 j 13:31	0° \mathbb{L}	
	-1538 Jan 13 j 19:09	0° \mathbb{X}		evening max el	-1536 Sep 15 j 19:23	26° \mathbb{L} 44'49	47°15'26
	-1538 Feb 08 j 00:10	0° \mathbb{C}			-1536 Sep 19 j 02:24	0° \mathbb{M}	
desc. node	-1538 Feb 14 j 02:33	7° \mathbb{C} 18'49		greatest brilliancy	-1536 Oct 24 j 21:00	27° \mathbb{M} 12'37	-4.7m
	-1538 Mar 04 j 23:09	0° \mathbb{A}		retrograde	-1536 Nov 05 j 10:56	29° \mathbb{M} 44'19	
	-1538 Mar 29 j 19:00	0° \mathbb{H}		evening set	-1536 Nov 19 j 20:08	25° \mathbb{M} 36'33	
	-1538 Apr 23 j 12:27	0° \mathbb{Y}		asc. node	-1536 Nov 21 j 22:40	24° \mathbb{M} 25'52	
	-1538 May 18 j 03:10	0° \mathbb{B}		min. Earth dist.	-1536 Nov 25 j 12:30	22° \mathbb{M} 16'45	0.26433 AU
morning set	-1538 May 25 j 12:34	9° \mathbb{B} 02'36		inferior conj	-1536 Nov 26 j 00:58	21° \mathbb{M} 57'36	1°03'23
asc. node	-1538 Jun 07 j 04:02	24° \mathbb{B} 33'04		minimum elong	-1536 Nov 25 j 22:36	22° \mathbb{M} 01'14	1°02'36
	-1538 Jun 11 j 14:23	0° \mathbb{H}		morning rise	-1536 Dec 02 j 01:24	18° \mathbb{M} 25'20	
max. Earth dist.	-1538 Jun 26 j 20:04	18° \mathbb{H} 47'12	1.73078 AU	direct	-1536 Dec 16 j 06:39	14° \mathbb{M} 21'23	
				greatest brilliancy	-1536 Dec 27 j 14:17	16° \mathbb{M} 44'51	-4.6m
superior conj	-1538 Jun 30 j 15:44	23° \mathbb{H} 30'30	0°51'40		-1535 Jan 17 j 06:09	0° \mathbb{X}	
minimum elong	-1538 Jun 30 j 07:25	23° \mathbb{H} 04'45	0°51'22	morning max el	-1535 Feb 04 j 04:16	16° \mathbb{X} 22'52	46°29'10
	-1538 Jul 05 j 21:38	0° \mathbb{G}			-1535 Feb 17 j 11:18	0° \mathbb{C}	
	-1538 Jul 30 j 01:26	0° \mathbb{Q}		desc. node	-1535 Mar 13 j 14:15	26° \mathbb{C} 22'42	
evening rise	-1538 Aug 05 j 18:42	8° \mathbb{Q} 21'54			-1535 Mar 16 j 19:23	0° \mathbb{A}	
	-1538 Aug 23 j 03:16	0° \mathbb{P}			-1535 Apr 11 j 22:16	0° \mathbb{H}	
	-1538 Sep 16 j 05:00	0° \mathbb{L}			-1535 May 07 j 10:38	0° \mathbb{Y}	
desc. node	-1538 Sep 26 j 19:09	13° \mathbb{L} 10'44			-1535 Jun 01 j 13:07	0° \mathbb{B}	
	-1538 Oct 10 j 08:10	0° \mathbb{M}			-1535 Jun 26 j 07:01	0° \mathbb{H}	
	-1538 Nov 03 j 14:15	0° \mathbb{X}		asc. node	-1535 Jul 04 j 15:57	10° \mathbb{H} 14'36	
	-1538 Nov 28 j 02:00	0° \mathbb{C}			-1535 Jul 20 j 16:55	0° \mathbb{G}	
	-1538 Dec 23 j 01:56	0° \mathbb{A}		morning set	-1535 Aug 01 j 10:21	14° \mathbb{G} 32'19	
asc. node	-1537 Jan 17 j 20:27	29° \mathbb{A} 36'04			-1535 Aug 13 j 20:03	0° \mathbb{Q}	
	-1537 Jan 18 j 05:06	0° \mathbb{H}		max. Earth dist.	-1535 Sep 05 j 09:13	28° \mathbb{Q} 15'02	1.71470 AU
evening max el	-1537 Feb 09 j 05:05	23° \mathbb{H} 09'40	45°55'04		-1535 Sep 06 j 18:38	0° \mathbb{P}	
	-1537 Feb 16 j 08:31	0° \mathbb{Y}					
greatest brilliancy	-1537 Mar 15 j 15:45	20° \mathbb{Y} 13'50	-4.5m	superior conj	-1535 Sep 08 j 00:14	1° \mathbb{P} 33'01	1°21'22
retrograde	-1537 Mar 30 j 08:42	24° \mathbb{Y} 02'11		minimum elong	-1535 Sep 08 j 05:32	1° \mathbb{P} 49'40	1°21'18
evening set	-1537 Apr 15 j 07:50	19° \mathbb{Y} 07'50			-1535 Sep 30 j 15:14	0° \mathbb{L}	
inferior conj	-1537 Apr 20 j 19:48	15° \mathbb{Y} 46'03	4°08'03	evening rise	-1535 Oct 18 j 02:28	21° \mathbb{L} 57'59	
minimum elong	-1537 Apr 21 j 03:40	15° \mathbb{Y} 33'36	4°06'05	desc. node	-1535 Oct 24 j 07:10	29° \mathbb{L} 44'57	
min. Earth dist.	-1537 Apr 21 j 05:00	15° \mathbb{Y} 31'29	0.29115 AU		-1535 Oct 24 j 11:58	0° \mathbb{M}	
morning rise	-1537 Apr 26 j 23:28	12° \mathbb{Y} 01'40			-1535 Nov 17 j 10:11	0° \mathbb{X}	
desc. node	-1537 May 09 j 11:36	7° \mathbb{Y} 34'56			-1535 Dec 11 j 11:07	0° \mathbb{C}	
direct	-1537 May 12 j 12:39	7° \mathbb{Y} 24'07			-1534 Jan 04 j 16:45	0° \mathbb{A}	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1534 Jan 29 j 06:52	0° H				-1532 Jul 10 j 04:08	0° II		
asc. node	-1534 Feb 14 j 08:18	19° H 13'33		asc. node	-1532 Aug 01 j 03:44	26° II 28'25			
	-1534 Feb 23 j 11:58	0° Y			-1532 Aug 04 j 01:09	0° S			
	-1534 Mar 21 j 19:59	0° B			-1532 Aug 28 j 09:33	0° Ω			
	-1534 Apr 19 j 14:44	0° II			-1532 Sep 21 j 09:34	0° m			
evening max el	-1534 Apr 20 j 20:25	1° II 11'06	45°13'43	morning set	-1532 Oct 12 j 19:31	26° m 57'37			
greatest brilliancy	-1534 May 25 j 22:01	27° II 27'34	-4.5m		-1532 Oct 15 j 05:23	0° A			
	-1534 Jun 02 j 18:45	0° S			-1532 Nov 08 j 00:22	0° M			
desc. node	-1534 Jun 05 j 23:37	0° S 27'38		desc. node	-1532 Nov 20 j 19:08	16° M 05'43			
retrograde	-1534 Jun 08 j 06:25	0° S 33'36							
	-1534 Jun 13 j 14:29	30° R II		superior conj	-1532 Nov 23 j 01:42	18° M 57'19	0°-5'-23		
evening set	-1534 Jun 23 j 16:06	26° II 02'42		minimum elong	-1532 Nov 23 j 00:13	18° M 52'38	0°05'21		
inferior conj	-1534 Jun 29 j 14:37	22° II 32'02	-5°-11'-31	behind sun begin	-1532 Nov 21 j 22:32	17° M 31'52			
minimum elong	-1534 Jun 29 j 05:02	22° II 46'46	5°09'14	behind sun end	-1532 Nov 24 j 01:53	20° M 13'24			
min. Earth dist.	-1534 Jun 29 j 20:32	22° II 22'55	0.28586 AU	max. Earth dist.	-1532 Nov 26 j 08:48	23° M 06'02	1.71090 AU		
morning rise	-1534 Jul 04 j 17:34	19° II 27'30			-1532 Dec 01 j 20:32	0° A			
direct	-1534 Jul 21 j 04:16	14° II 19'40			-1532 Dec 25 j 18:53	0° S			
greatest brilliancy	-1534 Aug 04 j 18:40	18° II 03'49	-4.6m	evening rise	-1531 Jan 03 j 23:58	11° S 30'42			
	-1534 Aug 22 j 16:34	0° S			-1531 Jan 18 j 20:12	0° \approx			
morning max el	-1534 Sep 09 j 03:08	15° S 57'54	46°29'14		-1531 Feb 12 j 01:51	0° H			
	-1534 Sep 22 j 15:00	0° Ω			-1531 Mar 08 j 13:53	0° Y			
asc. node	-1534 Sep 27 j 01:14	4° Ω 49'36		asc. node	-1531 Mar 13 j 20:21	6° Y 23'54			
	-1534 Oct 19 j 02:44	0° m			-1531 Apr 02 j 10:50	0° B			
	-1534 Nov 13 j 03:40	0° A			-1531 Apr 27 j 20:18	0° II			
	-1534 Dec 07 j 14:56	0° M			-1531 May 24 j 01:30	0° S			
	-1534 Dec 31 j 21:55	0° A			-1531 Jun 20 j 21:57	0° Ω			
desc. node	-1533 Jan 16 j 16:48	19° A 30'23		evening max el	-1531 Jul 01 j 19:27	10° Ω 49'46	45°55'00		
	-1533 Jan 25 j 04:42	0° S		desc. node	-1531 Jul 03 j 11:29	12° Ω 25'19			
	-1533 Feb 18 j 12:33	0° \approx			-1531 Jul 24 j 04:33	0° m			
	-1533 Mar 14 j 21:37	0° H		greatest brilliancy	-1531 Aug 09 j 13:29	9° m 10'20	-4.6m		
morning set	-1533 Mar 16 j 10:11	1° H 52'24		retrograde	-1531 Aug 20 j 00:18	11° m 08'15			
	-1533 Apr 08 j 07:39	0° Y		evening set	-1531 Sep 06 j 17:41	5° m 17'58			
				inferior conj	-1531 Sep 09 j 20:26	3° m 25'30	-8°-31'-47		
superior conj	-1533 Apr 22 j 10:32	17° Y 20'01	0°-39'-17	minimum elong	-1531 Sep 10 j 02:37	3° m 16'05	8°31'13		
minimum elong	-1533 Apr 22 j 17:46	17° Y 42'14	0°38'59	min. Earth dist.	-1531 Sep 10 j 13:02	3° m 00'13	0.27226 AU		
max. Earth dist.	-1533 Apr 22 j 07:56	17° Y 12'04	1.73666 AU	morning rise	-1531 Sep 13 j 11:21	1° m 14'51			
	-1533 May 02 j 18:10	0° B			-1531 Sep 15 j 16:19	30° R Ω			
asc. node	-1533 May 09 j 18:15	8° B 35'45		direct	-1531 Sep 30 j 16:09	25° Ω 36'34			
	-1533 May 27 j 04:33	0° II		greatest brilliancy	-1531 Oct 14 j 05:11	28° Ω 58'59	-4.7m		
evening rise	-1533 May 28 j 13:52	1° II 42'18			-1531 Oct 16 j 06:11	0° m			
	-1533 Jun 20 j 14:29	0° S		asc. node	-1531 Oct 24 j 12:58	5° m 09'14			
	-1533 Jul 15 j 00:30	0° Ω		morning max el	-1531 Nov 20 j 11:37	29° m 12'21	46°54'46		
	-1533 Aug 08 j 11:59	0° m			-1531 Nov 21 j 06:11	0° A			
desc. node	-1533 Aug 29 j 09:13	25° m 27'39			-1531 Dec 18 j 15:48	0° M			
	-1533 Sep 02 j 02:59	0° A			-1530 Jan 13 j 09:17	0° A			
	-1533 Sep 27 j 00:26	0° M			-1530 Feb 07 j 13:01	0° S			
	-1533 Oct 22 j 10:22	0° A		desc. node	-1530 Feb 13 j 04:31	6° S 46'47			
	-1533 Nov 18 j 02:07	0° S			-1530 Mar 04 j 11:11	0° \approx			
evening max el	-1533 Nov 27 j 17:57	10° S 09'53	47°14'29		-1530 Mar 29 j 06:28	0° H			
	-1533 Dec 19 j 02:25	0° \approx			-1530 Apr 22 j 23:32	0° Y			
asc. node	-1533 Dec 20 j 10:40	1° \approx 04'11			-1530 May 17 j 14:01	0° B			
greatest brilliancy	-1532 Jan 03 j 14:45	10° \approx 16'35	-4.6m	morning set	-1530 May 23 j 07:09	6° B 59'31			
retrograde	-1532 Jan 17 j 17:08	13° \approx 56'45		asc. node	-1530 Jun 06 j 06:10	24° B 06'36			
evening set	-1532 Feb 04 j 06:20	7° \approx 52'16			-1530 Jun 11 j 01:08	0° II			
min. Earth dist.	-1532 Feb 07 j 00:34	6° \approx 08'33	0.28275 AU	max. Earth dist.	-1530 Jun 24 j 14:53	16° II 43'55	1.73127 AU		
inferior conj	-1532 Feb 07 j 19:01	5° \approx 39'14	8°26'26						
minimum elong	-1532 Feb 07 j 16:08	5° \approx 43'49	8°26'17	superior conj	-1530 Jun 28 j 10:10	21° II 25'52	0°49'09		
morning rise	-1532 Feb 11 j 02:16	3° \approx 35'20		minimum elong	-1530 Jun 28 j 02:03	21° II 00'47	0°48'52		
	-1532 Feb 17 j 19:42	30° R S			-1530 Jul 05 j 08:24	0° S			
direct	-1532 Feb 28 j 19:41	27° S 33'07			-1530 Jul 29 j 12:19	0° Ω			
greatest brilliancy	-1532 Mar 10 j 18:27	29° S 44'54	-4.5m	evening rise	-1530 Aug 03 j 11:36	6° Ω 11'06			
	-1532 Mar 11 j 09:57	0° \approx			-1530 Aug 22 j 14:20	0° m			
desc. node	-1532 Apr 10 j 01:59	20° \approx 36'13			-1530 Sep 15 j 16:19	0° A			
morning max el	-1532 Apr 17 j 18:52	27° \approx 45'04	45°52'12	desc. node	-1530 Sep 25 j 21:17	12° A 41'48			
	-1532 Apr 20 j 02:51	0° H			-1530 Oct 09 j 19:48	0° M			
	-1532 May 18 j 22:14	0° Y			-1530 Nov 03 j 02:17	0° A			
	-1532 Jun 14 j 13:56	0° B			-1530 Nov 27 j 14:41	0° S			

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1530 Dec 22 j 15:47	0°♊		morning set	-1527 Jul 30 j 02:45	12°♊20'48	
asc. node	-1529 Jan 16 j 22:25	28°♊56'07			-1527 Aug 13 j 06:47	0°♊	
	-1529 Jan 17 j 21:36	0°♋		max. Earth dist.	-1527 Sep 02 j 21:17	25°♊48'20	1.71519 AU
evening max el	-1529 Feb 06 j 19:25	20°♋53'19	45°57'37				
	-1529 Feb 16 j 10:01	0°♌		superior conj	-1527 Sep 05 j 14:23	29°♊12'43	1°22'14
greatest brilliancy	-1529 Mar 13 j 07:51	18°♌04'47	-4.5m	minimum elong	-1527 Sep 05 j 18:53	29°♊26'51	1°22'12
retrograde	-1529 Mar 28 j 01:12	21°♌54'44			-1527 Sep 06 j 05:26	0°♍	
evening set	-1529 Apr 13 j 02:55	16°♌56'39			-1527 Sep 30 j 02:09	0°♎	
inferior conj	-1529 Apr 18 j 12:38	13°♌38'15	4°24'35	evening rise	-1527 Oct 15 j 12:46	19°♎24'57	
minimum elong	-1529 Apr 18 j 20:51	13°♌25'16	4°22'35	desc. node	-1527 Oct 23 j 09:20	29°♎17'04	
min. Earth dist.	-1529 Apr 18 j 21:58	13°♌23'29	0.29118 AU		-1527 Oct 23 j 23:01	0°♏	
morning rise	-1529 Apr 24 j 14:41	9°♌55'53			-1527 Nov 16 j 21:23	0°♐	
desc. node	-1529 May 08 j 13:45	5°♌19'11			-1527 Dec 10 j 22:27	0°♑	
direct	-1529 May 10 j 04:35	5°♌16'08			-1526 Jan 04 j 04:20	0°♒	
greatest brilliancy	-1529 May 23 j 15:27	8°♌24'53	-4.5m		-1526 Jan 28 j 18:56	0°♋	
	-1529 Jun 22 j 15:00	0°♌		asc. node	-1526 Feb 13 j 10:24	18°♋42'24	
morning max el	-1529 Jun 28 j 01:12	5°♌04'34	45°51'37		-1526 Feb 23 j 01:01	0°♌	
	-1529 Jul 22 j 06:58	0°♍			-1526 Mar 21 j 11:20	0°♍	
	-1529 Aug 17 j 20:40	0°♎		evening max el	-1526 Apr 18 j 13:06	29°♍03'22	45°13'44
asc. node	-1529 Aug 29 j 15:32	13°♎53'17			-1526 Apr 19 j 12:56	0°♏	
	-1529 Sep 12 j 01:13	0°♏		greatest brilliancy	-1526 May 23 j 11:23	25°♏15'03	-4.5m
	-1529 Oct 06 j 11:31	0°♐		desc. node	-1526 Jun 05 j 01:43	28°♏22'07	
	-1529 Oct 30 j 12:30	0°♑		retrograde	-1526 Jun 05 j 22:04	28°♏22'57	
	-1529 Nov 23 j 10:13	0°♒		evening set	-1526 Jun 21 j 05:36	23°♏54'49	
	-1529 Dec 17 j 08:12	0°♓		inferior conj	-1526 Jun 27 j 06:10	20°♏20'50	-4°-54'-41
desc. node	-1529 Dec 19 j 06:57	2°♓26'24		minimum elong	-1526 Jun 26 j 20:53	20°♏35'09	4°52'25
morning set	-1529 Dec 29 j 22:55	15°♓47'11		min. Earth dist.	-1526 Jun 27 j 11:45	20°♏12'15	0.28615 AU
	-1528 Jan 10 j 08:02	0°♑		morning rise	-1526 Jul 02 j 11:50	17°♏12'23	
	-1528 Feb 03 j 10:18	0°♒		direct	-1526 Jul 18 j 20:50	12°♏08'09	
				greatest brilliancy	-1526 Aug 02 j 09:44	15°♏50'55	-4.5m
superior conj	-1528 Feb 08 j 21:33	6°♒47'21	-1°-23'-59		-1526 Aug 23 j 00:12	0°♑	
minimum elong	-1528 Feb 08 j 18:35	6°♒38'08	1°24'01	morning max el	-1526 Sep 06 j 18:33	13°♑42'35	46°27'41
max. Earth dist.	-1528 Feb 12 j 15:24	11°♒25'57	1.72505 AU		-1526 Sep 22 j 08:52	0°♒	
	-1528 Feb 27 j 15:21	0°♋		asc. node	-1526 Sep 26 j 03:27	4°♒08'32	
evening rise	-1528 Mar 18 j 14:18	24°♋36'24			-1526 Oct 18 j 17:12	0°♓	
	-1528 Mar 22 j 23:35	0°♌			-1526 Nov 12 j 16:40	0°♎	
asc. node	-1528 Apr 10 j 08:24	22°♌31'10			-1526 Dec 07 j 03:09	0°♏	
	-1528 Apr 16 j 11:20	0°♌			-1526 Dec 31 j 09:39	0°♐	
	-1528 May 11 j 02:58	0°♍		desc. node	-1525 Jan 15 j 18:44	19°♐00'56	
	-1528 Jun 04 j 23:19	0°♎			-1525 Jan 24 j 16:03	0°♑	
	-1528 Jun 30 j 02:36	0°♏			-1525 Feb 17 j 23:35	0°♒	
	-1528 Jul 25 j 17:30	0°♐		morning set	-1525 Mar 14 j 02:20	29°♒41'20	
desc. node	-1528 Jul 30 j 23:12	6°♐01'47			-1525 Mar 14 j 08:24	0°♋	
	-1528 Aug 21 j 06:42	0°♑			-1525 Apr 07 j 18:17	0°♌	
evening max el	-1528 Sep 13 j 08:33	24°♑19'42	47°13'38				
	-1528 Sep 19 j 03:50	0°♒		superior conj	-1525 Apr 20 j 04:37	15°♑15'37	0°-42'-2
greatest brilliancy	-1528 Oct 22 j 11:16	24°♒45'00	-4.7m	minimum elong	-1525 Apr 20 j 12:14	15°♑39'02	0°41'44
retrograde	-1528 Nov 02 j 23:43	27°♒15'18		max. Earth dist.	-1525 Apr 20 j 07:53	15°♑25'40	1.73653 AU
evening set	-1528 Nov 17 j 08:50	23°♒07'11			-1525 May 02 j 04:47	0°♋	
asc. node	-1528 Nov 21 j 00:47	21°♒01'28		asc. node	-1525 May 08 j 20:22	8°♋09'41	
min. Earth dist.	-1528 Nov 23 j 02:19	19°♒46'14	0.26405 AU	evening rise	-1525 May 26 j 09:16	29°♋41'38	
inferior conj	-1528 Nov 23 j 13:21	19°♒29'20	0°39'11		-1525 May 26 j 15:15	0°♍	
minimum elong	-1528 Nov 23 j 11:53	19°♒31'36	0°38'41		-1525 Jun 20 j 01:24	0°♎	
morning rise	-1528 Nov 29 j 15:12	15°♒55'43			-1525 Jul 14 j 11:44	0°♏	
direct	-1528 Dec 13 j 18:52	11°♒53'19			-1525 Aug 07 j 23:41	0°♐	
greatest brilliancy	-1528 Dec 25 j 04:45	14°♒19'40	-4.6m	desc. node	-1525 Aug 28 j 11:21	24°♐56'52	
	-1527 Jan 17 j 16:06	0°♓			-1525 Sep 01 j 15:23	0°♑	
morning max el	-1527 Feb 01 j 18:32	14°♓02'38	46°30'42		-1525 Sep 26 j 13:53	0°♒	
	-1527 Feb 17 j 05:57	0°♑			-1525 Oct 22 j 01:39	0°♓	
desc. node	-1527 Mar 12 j 16:26	25°♑46'39			-1525 Nov 17 j 21:30	0°♋	
	-1527 Mar 16 j 10:02	0°♒		evening max el	-1525 Nov 25 j 10:02	7°♑52'19	47°16'11
	-1527 Apr 11 j 11:07	0°♋		asc. node	-1525 Dec 19 j 12:41	29°♑52'25	
	-1527 May 06 j 22:30	0°♌			-1525 Dec 19 j 16:40	0°♍	
	-1527 Jun 01 j 00:23	0°♍		greatest brilliancy	-1524 Jan 01 j 09:01	8°♍02'19	-4.6m
	-1527 Jun 25 j 17:57	0°♎		retrograde	-1524 Jan 15 j 09:04	11°♍39'17	
asc. node	-1527 Jul 03 j 17:57	9°♎47'24		evening set	-1524 Feb 01 j 19:52	5°♍38'33	
	-1527 Jul 20 j 03:41	0°♏		min. Earth dist.	-1524 Feb 04 j 14:51	3°♍53'38	0.28206 AU

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

inferior conj	-1524 Feb 05 j 10:22	3° \approx 22'36	8°23'29	superior conj	-1522 Jun 26 j 04:47	19° Π 21'48	0°46'35
minimum elong	-1524 Feb 05 j 06:44	3° \approx 28'22	8°23'16	minimum elong	-1522 Jun 25 j 20:55	18° Π 57'28	0°46'18
morning rise	-1524 Feb 08 j 17:57	1° \approx 18'05			-1522 Jul 04 j 19:12	0° Θ	
	-1524 Feb 10 j 23:00	30° \mathbb{R} \mathcal{Z}			-1522 Jul 28 j 23:15	0° Ω	
direct	-1524 Feb 26 j 10:35	25° \mathcal{Z} 17'53		evening rise	-1522 Aug 01 j 04:48	4° Ω 01'10	
greatest brilliancy	-1524 Mar 08 j 06:24	27° \mathcal{Z} 26'55	-4.5m		-1522 Aug 22 j 01:31	0° \mathbb{M}	
	-1524 Mar 13 j 21:13	0° \approx			-1522 Sep 15 j 03:48	0° $\underline{\mathcal{A}}$	
desc. node	-1524 Apr 09 j 04:06	19° \approx 42'10		desc. node	-1522 Sep 24 j 23:26	12° $\underline{\mathcal{A}}$ 12'27	
morning max el	-1524 Apr 15 j 09:33	25° \approx 31'24	45°53'00		-1522 Oct 09 j 07:37	0° \mathbb{M}	
	-1524 Apr 20 j 00:05	0° \mathbb{H}			-1522 Nov 02 j 14:33	0° \mathcal{Z}	
	-1524 May 18 j 13:30	0° \mathbb{Y}			-1522 Nov 27 j 03:36	0° \mathcal{Z}	
	-1524 Jun 14 j 03:00	0° \mathcal{B}			-1522 Dec 22 j 05:56	0° \approx	
	-1524 Jul 09 j 16:09	0° Π		asc. node	-1521 Jan 16 j 00:31	28° \approx 15'42	
asc. node	-1524 Jul 31 j 05:48	25° Π 59'36			-1521 Jan 17 j 14:35	0° \mathbb{H}	
	-1524 Aug 03 j 12:38	0° Θ		evening max el	-1521 Feb 04 j 09:49	18° \mathbb{H} 36'36	46°00'19
	-1524 Aug 27 j 20:46	0° Ω			-1521 Feb 16 j 13:13	0° \mathbb{Y}	
	-1524 Sep 20 j 20:39	0° \mathbb{M}		greatest brilliancy	-1521 Mar 10 j 23:13	15° \mathbb{Y} 54'12	-4.5m
morning set	-1524 Oct 10 j 07:24	24° \mathbb{M} 28'58		retrograde	-1521 Mar 25 j 18:03	19° \mathbb{Y} 46'40	
	-1524 Oct 14 j 16:25	0° $\underline{\mathcal{A}}$		evening set	-1521 Apr 10 j 21:58	14° \mathbb{Y} 44'29	
	-1524 Nov 07 j 11:24	0° \mathbb{M}		inferior conj	-1521 Apr 16 j 05:22	11° \mathbb{Y} 29'33	4°40'48
desc. node	-1524 Nov 19 j 21:09	15° \mathbb{M} 37'21		minimum elong	-1521 Apr 16 j 13:53	11° \mathbb{Y} 16'06	4°38'47
				min. Earth dist.	-1521 Apr 16 j 14:33	11° \mathbb{Y} 15'03	0.29121 AU
superior conj	-1524 Nov 20 j 10:45	16° \mathbb{M} 20'10	0°-1'-21	morning rise	-1521 Apr 22 j 05:42	7° \mathbb{Y} 49'41	
minimum elong	-1524 Nov 20 j 10:23	16° \mathbb{M} 19'01	0°01'22	direct	-1521 May 07 j 20:42	3° \mathbb{Y} 07'11	
behind sun begin	-1524 Nov 19 j 07:36	14° \mathbb{M} 54'43		desc. node	-1521 May 07 j 15:49	3° \mathbb{Y} 07'14	
behind sun end	-1524 Nov 21 j 13:11	17° \mathbb{M} 43'17		greatest brilliancy	-1521 May 21 j 07:28	6° \mathbb{Y} 15'51	-4.5m
max. Earth dist.	-1524 Nov 23 j 14:15	20° \mathbb{M} 17'35	1.71063 AU		-1521 Jun 22 j 15:18	0° \mathcal{B}	
	-1524 Dec 01 j 07:35	0° \mathcal{Z}		morning max el	-1521 Jun 25 j 17:43	2° \mathcal{B} 55'41	45°51'03
	-1524 Dec 25 j 05:56	0° \mathcal{Z}			-1521 Jul 21 j 23:11	0° Π	
evening rise	-1523 Jan 01 j 10:21	8° \mathcal{Z} 58'40			-1521 Aug 17 j 10:18	0° Θ	
	-1523 Jan 18 j 07:17	0° \approx		asc. node	-1521 Aug 28 j 17:47	13° Θ 21'08	
	-1523 Feb 11 j 13:03	0° \mathbb{H}			-1521 Sep 11 j 13:44	0° Ω	
	-1523 Mar 08 j 01:20	0° \mathbb{Y}			-1521 Oct 05 j 23:29	0° \mathbb{M}	
asc. node	-1523 Mar 12 j 22:34	5° \mathbb{Y} 55'43			-1521 Oct 30 j 00:12	0° $\underline{\mathcal{A}}$	
	-1523 Apr 01 j 22:47	0° \mathcal{B}			-1521 Nov 22 j 21:44	0° \mathbb{M}	
	-1523 Apr 27 j 09:15	0° Π			-1521 Dec 16 j 19:33	0° \mathcal{Z}	
	-1523 May 23 j 16:29	0° Θ		desc. node	-1521 Dec 18 j 08:59	1° \mathcal{Z} 57'13	
	-1523 Jun 20 j 17:58	0° Ω		morning set	-1521 Dec 27 j 08:42	13° \mathcal{Z} 12'18	
evening max el	-1523 Jun 29 j 07:53	8° Ω 27'56	45°52'16		-1520 Jan 09 j 19:16	0° \mathcal{Z}	
desc. node	-1523 Jul 02 j 13:27	11° Ω 31'51			-1520 Feb 02 j 21:25	0° \approx	
	-1523 Jul 25 j 03:19	0° \mathbb{M}		superior conj	-1520 Feb 06 j 10:30	4° \approx 24'10	-1°-23'-25
greatest brilliancy	-1523 Aug 07 j 01:36	6° \mathbb{M} 47'01	-4.6m	minimum elong	-1520 Feb 06 j 06:37	4° \approx 12'07	1°23'25
retrograde	-1523 Aug 17 j 12:04	8° \mathbb{M} 45'04		max. Earth dist.	-1520 Feb 10 j 03:43	9° \approx 01'00	1.72449 AU
evening set	-1523 Sep 04 j 08:14	2° \mathbb{M} 51'56			-1520 Feb 27 j 02:25	0° \mathbb{H}	
inferior conj	-1523 Sep 07 j 09:25	1° \mathbb{M} 01'52	-8°-37'-31	evening rise	-1520 Mar 16 j 06:00	22° \mathbb{H} 23'03	
minimum elong	-1523 Sep 07 j 14:47	0° \mathbb{M} 53'42	8°37'07		-1520 Mar 22 j 10:39	0° \mathbb{Y}	
min. Earth dist.	-1523 Sep 08 j 02:20	0° \mathbb{M} 36'06	0.27286 AU	asc. node	-1520 Apr 09 j 10:30	22° \mathbb{Y} 03'27	
	-1523 Sep 09 j 02:07	30° \mathbb{R} Ω			-1520 Apr 15 j 22:33	0° \mathcal{B}	
morning rise	-1523 Sep 10 j 21:07	28° Ω 55'50			-1520 May 10 j 14:29	0° Π	
direct	-1523 Sep 28 j 05:19	23° Ω 11'43			-1520 Jun 04 j 11:24	0° Θ	
greatest brilliancy	-1523 Oct 11 j 21:12	26° Ω 36'36	-4.7m		-1520 Jun 29 j 15:35	0° Ω	
	-1523 Oct 18 j 00:43	0° \mathbb{M}			-1520 Jul 25 j 08:06	0° \mathbb{M}	
asc. node	-1523 Oct 23 j 15:03	3° \mathbb{M} 49'22		desc. node	-1520 Jul 30 j 01:26	5° \mathbb{M} 25'08	
morning max el	-1523 Nov 18 j 00:15	26° \mathbb{M} 43'42	46°54'47		-1520 Aug 21 j 00:29	0° $\underline{\mathcal{A}}$	
	-1523 Nov 21 j 04:10	0° $\underline{\mathcal{A}}$		evening max el	-1520 Sep 10 j 22:32	21° $\underline{\mathcal{A}}$ 56'07	47°11'40
	-1523 Nov 18 j 08:03	0° \mathbb{M}			-1520 Sep 19 j 06:59	0° \mathbb{M}	
	-1522 Jan 12 j 23:15	0° \mathcal{Z}		greatest brilliancy	-1520 Oct 20 j 00:34	22° \mathbb{M} 15'26	-4.7m
desc. node	-1522 Feb 07 j 01:45	0° \mathcal{Z}		retrograde	-1520 Oct 31 j 12:42	24° \mathbb{M} 44'58	
	-1522 Feb 12 j 06:41	6° \mathcal{Z} 15'32		evening set	-1520 Nov 14 j 21:42	20° \mathbb{M} 36'19	
	-1522 Mar 03 j 23:09	0° \approx		asc. node	-1520 Nov 20 j 02:51	17° \mathbb{M} 34'17	
	-1522 Mar 28 j 17:55	0° \mathbb{H}		min. Earth dist.	-1520 Nov 20 j 15:43	17° \mathbb{M} 14'38	0.26384 AU
	-1522 Apr 22 j 10:39	0° \mathbb{Y}		inferior conj	-1520 Nov 21 j 01:37	16° \mathbb{M} 59'32	0°14'45
	-1522 May 17 j 00:55	0° \mathcal{B}		minimum elong	-1520 Nov 21 j 01:03	17° \mathbb{M} 00'23	0°14'32
morning set	-1522 May 21 j 01:53	4° \mathcal{B} 56'39		transit middle	-1520 Nov 21 j 01:03	17° \mathbb{M} 00'23	0°14'32
asc. node	-1522 Jun 05 j 08:12	23° \mathcal{B} 39'42		transit begin	-1520 Nov 20 j 23:00	17° \mathbb{M} 03'30	
	-1522 Jun 10 j 11:55	0° Π		transit end	-1520 Nov 21 j 03:06	16° \mathbb{M} 57'15	
max. Earth dist.	-1522 Jun 22 j 11:49	14° Π 47'05	1.73173 AU				

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

morning rise	-1520 Nov 27 j 04:44	13° \mathbb{M} 24'51			-1517 Jul 13 j 23:21	0° Ω	
direct	-1520 Dec 11 j 07:33	9° \mathbb{M} 23'51			-1517 Aug 07 j 11:48	0° \mathbb{M}	
greatest brilliancy	-1520 Dec 22 j 18:35	11° \mathbb{M} 52'10	-4.7m	desc. node	-1517 Aug 27 j 13:29	24° \mathbb{M} 24'49	
	-1519 Jan 18 j 00:00	0° \mathbb{X}			-1517 Sep 01 j 04:13	0° \mathbb{A}	
morning max el	-1519 Jan 30 j 09:09	11° \mathbb{X} 41'41	46°32'05		-1517 Sep 26 j 03:48	0° \mathbb{M}	
	-1519 Feb 17 j 00:38	0° \mathbb{Z}			-1517 Oct 21 j 17:25	0° \mathbb{X}	
desc. node	-1519 Mar 11 j 18:35	25° \mathbb{Z} 09'32			-1517 Nov 17 j 17:41	0° \mathbb{Z}	
	-1519 Mar 16 j 00:57	0° \approx		evening max el	-1517 Nov 23 j 01:12	5° \mathbb{Z} 31'43	47°17'54
	-1519 Apr 11 j 00:17	0° \mathbb{H}		asc. node	-1517 Dec 18 j 14:47	28° \mathbb{Z} 38'16	
	-1519 May 06 j 10:41	0° \mathbb{Y}			-1517 Dec 20 j 12:01	0° \approx	
	-1519 May 31 j 11:59	0° \mathbb{B}		greatest brilliancy	-1517 Dec 30 j 03:25	5° \approx 47'35	-4.6m
	-1519 Jun 25 j 05:13	0° \mathbb{II}		retrograde	-1516 Jan 13 j 00:31	9° \approx 21'23	
asc. node	-1519 Jul 02 j 20:04	9° \mathbb{II} 19'30		evening set	-1516 Jan 30 j 09:18	3° \approx 24'49	
	-1519 Jul 19 j 14:49	0° \mathbb{S}		min. Earth dist.	-1516 Feb 02 j 05:35	1° \approx 37'53	0.28140 AU
morning set	-1519 Jul 27 j 19:25	10° \mathbb{S} 09'06		inferior conj	-1516 Feb 03 j 01:51	1° \approx 05'39	8°19'49
	-1519 Aug 12 j 17:53	0° Ω		minimum elong	-1516 Feb 02 j 21:30	1° \approx 12'34	8°19'29
max. Earth dist.	-1519 Aug 31 j 07:40	23° Ω 15'27	1.71563 AU		-1516 Feb 04 j 19:19	30° \mathbb{R} \mathbb{Z}	
				morning rise	-1516 Feb 06 j 10:03	29° \mathbb{Z} 00'03	
superior conj	-1519 Sep 03 j 05:01	26° Ω 53'02	1°22'57	direct	-1516 Feb 24 j 01:14	23° \mathbb{Z} 02'10	
minimum elong	-1519 Sep 03 j 08:44	27° Ω 04'41	1°22'56	greatest brilliancy	-1516 Mar 05 j 19:40	25° \mathbb{Z} 09'36	-4.5m
	-1519 Sep 05 j 16:34	0° \mathbb{M}			-1516 Mar 15 j 11:13	0° \approx	
	-1519 Sep 29 j 13:22	0° \mathbb{A}		desc. node	-1516 Apr 08 j 06:09	18° \approx 48'12	
evening rise	-1519 Oct 12 j 23:28	16° \mathbb{A} 52'17		morning max el	-1516 Apr 12 j 23:37	23° \approx 15'09	45°53'44
desc. node	-1519 Oct 22 j 11:22	28° \mathbb{A} 47'52			-1516 Apr 19 j 20:58	0° \mathbb{H}	
	-1519 Oct 23 j 10:21	0° \mathbb{M}			-1516 May 18 j 04:55	0° \mathbb{Y}	
	-1519 Nov 16 j 08:53	0° \mathbb{X}			-1516 Jun 13 j 16:18	0° \mathbb{B}	
	-1519 Dec 10 j 10:11	0° \mathbb{Z}			-1516 Jul 09 j 04:25	0° \mathbb{II}	
	-1518 Jan 03 j 16:21	0° \approx		asc. node	-1516 Jul 30 j 08:01	25° \mathbb{II} 30'32	
	-1518 Jan 28 j 07:28	0° \mathbb{H}			-1516 Aug 03 j 00:21	0° \mathbb{S}	
asc. node	-1518 Feb 12 j 12:36	18° \mathbb{H} 10'06			-1516 Aug 27 j 08:12	0° Ω	
	-1518 Feb 22 j 14:38	0° \mathbb{Y}			-1516 Sep 20 j 07:58	0° \mathbb{M}	
	-1518 Mar 21 j 03:26	0° \mathbb{B}		morning set	-1516 Oct 07 j 19:21	21° \mathbb{M} 59'42	
evening max el	-1518 Apr 16 j 05:25	26° \mathbb{B} 53'25	45°13'52		-1516 Oct 14 j 03:42	0° \mathbb{A}	
	-1518 Apr 19 j 12:40	0° \mathbb{II}			-1516 Nov 06 j 22:41	0° \mathbb{M}	
greatest brilliancy	-1518 May 21 j 01:48	23° \mathbb{II} 02'35	-4.5m				
retrograde	-1518 Jun 03 j 13:15	26° \mathbb{II} 11'07		superior conj	-1516 Nov 17 j 20:04	13° \mathbb{M} 43'01	0°02'42
desc. node	-1518 Jun 04 j 03:44	26° \mathbb{II} 10'42		minimum elong	-1516 Nov 17 j 20:47	13° \mathbb{M} 45'19	0°02'39
evening set	-1518 Jun 18 j 19:19	21° \mathbb{II} 45'37		behind sun begin	-1516 Nov 16 j 18:11	12° \mathbb{M} 21'34	
inferior conj	-1518 Jun 24 j 21:44	18° \mathbb{II} 08'36	-4°-37'-33	behind sun end	-1516 Nov 18 j 23:24	15° \mathbb{M} 09'02	
minimum elong	-1518 Jun 24 j 12:48	18° \mathbb{II} 22'25	4°35'18	desc. node	-1516 Nov 18 j 23:13	15° \mathbb{M} 08'29	
min. Earth dist.	-1518 Jun 25 j 03:15	18° \mathbb{II} 00'05	0.28643 AU	max. Earth dist.	-1516 Nov 20 j 16:17	17° \mathbb{M} 17'38	1.71035 AU
morning rise	-1518 Jun 30 j 05:58	14° \mathbb{II} 56'09			-1516 Nov 30 j 18:51	0° \mathbb{X}	
direct	-1518 Jul 16 j 13:09	9° \mathbb{II} 55'33			-1516 Dec 24 j 17:10	0° \mathbb{Z}	
greatest brilliancy	-1518 Jul 31 j 00:20	13° \mathbb{II} 36'06	-4.5m	evening rise	-1516 Dec 29 j 20:55	6° \mathbb{Z} 26'44	
	-1518 Aug 23 j 06:08	0° \mathbb{S}			-1515 Jan 17 j 18:31	0° \approx	
morning max el	-1518 Sep 04 j 09:08	11° \mathbb{S} 24'06	46°26'17		-1515 Feb 11 j 00:24	0° \mathbb{H}	
	-1518 Sep 22 j 02:45	0° Ω			-1515 Mar 07 j 12:57	0° \mathbb{Y}	
asc. node	-1518 Sep 25 j 05:28	3° Ω 26'16		asc. node	-1515 Mar 12 j 00:34	5° \mathbb{Y} 26'23	
	-1518 Oct 18 j 07:50	0° \mathbb{M}			-1515 Apr 01 j 10:58	0° \mathbb{B}	
	-1518 Nov 12 j 05:53	0° \mathbb{A}			-1515 Apr 26 j 22:30	0° \mathbb{II}	
	-1518 Dec 06 j 15:36	0° \mathbb{M}			-1515 May 23 j 07:53	0° \mathbb{S}	
	-1518 Dec 30 j 21:38	0° \mathbb{X}			-1515 Jun 20 j 14:52	0° Ω	
desc. node	-1517 Jan 14 j 20:56	18° \mathbb{X} 31'23		evening max el	-1515 Jun 26 j 20:15	6° Ω 05'38	45°49'44
	-1517 Jan 24 j 03:42	0° \mathbb{Z}		desc. node	-1515 Jul 01 j 15:41	10° Ω 37'22	
	-1517 Feb 17 j 10:58	0° \approx			-1515 Jul 26 j 10:57	0° \mathbb{M}	
morning set	-1517 Mar 11 j 18:08	27° \approx 27'58		greatest brilliancy	-1515 Aug 04 j 12:46	4° \mathbb{M} 22'39	-4.6m
	-1517 Mar 13 j 19:34	0° \mathbb{H}		retrograde	-1515 Aug 15 j 00:27	6° \mathbb{M} 22'12	
	-1517 Apr 07 j 05:19	0° \mathbb{Y}		evening set	-1515 Sep 01 j 22:32	0° \mathbb{M} 26'22	
					-1515 Sep 02 j 16:21	30° \mathbb{R} Ω	
superior conj	-1517 Apr 17 j 22:23	13° \mathbb{Y} 09'05	0°-44'-46	inferior conj	-1515 Sep 04 j 22:32	28° Ω 38'13	-8°-42'-19
minimum elong	-1517 Apr 18 j 06:22	13° \mathbb{Y} 33'34	0°44'27	minimum elong	-1515 Sep 05 j 03:03	28° Ω 31'21	8°42'01
max. Earth dist.	-1517 Apr 18 j 06:20	13° \mathbb{Y} 33'30	1.73636 AU	min. Earth dist.	-1515 Sep 05 j 15:28	28° Ω 12'27	0.27349 AU
	-1517 May 01 j 15:46	0° \mathbb{B}		morning rise	-1515 Sep 08 j 07:20	26° Ω 36'32	
asc. node	-1517 May 07 j 22:23	7° \mathbb{B} 42'10		direct	-1515 Sep 25 j 18:48	20° Ω 46'47	
evening rise	-1517 May 24 j 04:23	27° \mathbb{B} 39'00		greatest brilliancy	-1515 Oct 09 j 14:01	24° Ω 15'16	-4.7m
	-1517 May 26 j 02:19	0° \mathbb{II}			-1515 Oct 19 j 06:15	0° \mathbb{M}	
	-1517 Jun 19 j 12:40	0° \mathbb{S}		asc. node	-1515 Oct 22 j 17:09	2° \mathbb{M} 31'37	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

desc. node	-1509 Jan 13 j 23:03	18° ♄ 02'28			-1507 Jun 20 j 12:12	0° Ω	
	-1509 Jan 23 j 15:03	0° ♄		evening max el	-1507 Jun 24 j 09:26	3° Ω 46'20	45°47'26
	-1509 Feb 16 j 22:02	0° \approx		desc. node	-1507 Jun 30 j 17:46	9° Ω 42'17	
morning set	-1509 Mar 09 j 09:33	25° \approx 14'18			-1507 Jul 28 j 08:17	0° ♄	
	-1509 Mar 13 j 06:25	0° ♄		greatest brilliancy	-1507 Aug 01 j 23:08	1° ♄ 58'56	-4.6m
	-1509 Apr 06 j 16:02	0° ♄		retrograde	-1507 Aug 12 j 13:40	4° ♄ 00'59	
					-1507 Aug 27 j 00:40	30° ♄	
superior conj	-1509 Apr 15 j 16:05	11° ♄ 03'14	0°-47'-27	evening set	-1507 Aug 30 j 12:36	28° Ω 02'56	
minimum elong	-1509 Apr 16 j 00:22	11° ♄ 28'39	0°47'07	inferior conj	-1507 Sep 02 j 11:46	26° Ω 16'08	-8°-46'-8
max. Earth dist.	-1509 Apr 16 j 02:55	11° ♄ 36'31	1.73615 AU	minimum elong	-1507 Sep 02 j 15:26	26° Ω 10'34	8°45'56
	-1509 May 01 j 02:27	0° ♄		min. Earth dist.	-1507 Sep 03 j 04:18	25° Ω 51'02	0.27407 AU
asc. node	-1509 May 07 j 00:34	7° ♄ 16'06		morning rise	-1507 Sep 05 j 18:03	24° Ω 18'21	
evening rise	-1509 May 21 j 23:33	25° ♄ 37'33		direct	-1507 Sep 23 j 08:47	18° Ω 23'39	
	-1509 May 25 j 13:04	0° ♄		greatest brilliancy	-1507 Oct 07 j 06:08	21° Ω 54'53	-4.7m
	-1509 Jun 18 j 23:35	0° ♄			-1507 Oct 20 j 03:00	0° ♄	
	-1509 Jul 13 j 10:34	0° Ω		asc. node	-1507 Oct 21 j 19:17	1° ♄ 17'47	
	-1509 Aug 06 j 23:32	0° ♄		morning max el	-1507 Nov 13 j 04:22	21° ♄ 54'17	46°54'36
desc. node	-1509 Aug 26 j 15:29	23° ♄ 53'30			-1507 Nov 20 j 21:45	0° Ω	
	-1509 Aug 31 j 16:43	0° Ω			-1507 Dec 17 j 15:44	0° ♄	
	-1509 Sep 25 j 17:28	0° ♄			-1506 Jan 12 j 02:47	0° ♄	
	-1509 Oct 21 j 09:09	0° ♄			-1506 Feb 06 j 02:58	0° ♄	
	-1509 Nov 17 j 14:20	0° ♄		desc. node	-1506 Feb 10 j 10:46	5° ♄ 12'47	
evening max el	-1509 Nov 20 j 15:18	3° ♄ 08'35	47°19'21		-1506 Mar 02 j 22:54	0° \approx	
asc. node	-1509 Dec 17 j 16:59	27° ♄ 22'01			-1506 Mar 27 j 16:42	0° ♄	
	-1509 Dec 21 j 14:30	0° \approx			-1506 Apr 21 j 08:45	0° ♄	
greatest brilliancy	-1509 Dec 27 j 21:19	3° \approx 31'38	-4.6m		-1506 May 15 j 22:37	0° ♄	
retrograde	-1508 Jan 10 j 15:27	7° \approx 02'46		morning set	-1506 May 16 j 15:10	0° ♄ 50'36	
evening set	-1508 Jan 27 j 22:00	1° \approx 10'41		asc. node	-1506 Jun 03 j 12:28	22° ♄ 46'37	
	-1508 Jan 29 j 19:33	30° ♄			-1506 Jun 09 j 09:28	0° ♄	
min. Earth dist.	-1508 Jan 30 j 20:11	29° ♄ 21'01	0.28073 AU	max. Earth dist.	-1506 Jun 18 j 08:25	11° ♄ 01'59	1.73261 AU
inferior conj	-1508 Jan 31 j 16:57	28° ♄ 47'59	8°15'06				
minimum elong	-1508 Jan 31 j 11:54	28° ♄ 56'01	8°14'40	superior conj	-1506 Jun 21 j 17:46	15° ♄ 12'57	0°41'16
morning rise	-1508 Feb 04 j 02:08	26° ♄ 40'52		minimum elong	-1506 Jun 21 j 10:29	14° ♄ 50'29	0°40'59
direct	-1508 Feb 21 j 15:05	20° ♄ 45'36			-1506 Jul 03 j 16:48	0° ♄	
greatest brilliancy	-1508 Mar 03 j 09:29	22° ♄ 52'39	-4.5m	evening rise	-1506 Jul 27 j 15:22	29° ♄ 42'07	
	-1508 Mar 16 j 13:53	0° \approx			-1506 Jul 27 j 21:07	0° Ω	
desc. node	-1508 Apr 07 j 08:17	17° \approx 56'03			-1506 Aug 20 j 23:49	0° ♄	
morning max el	-1508 Apr 10 j 13:18	20° \approx 58'22	45°54'40		-1506 Sep 14 j 02:40	0° Ω	
	-1508 Apr 19 j 16:56	0° ♄		desc. node	-1506 Sep 23 j 03:33	11° Ω 13'28	
	-1508 May 17 j 19:51	0° ♄			-1506 Oct 08 j 07:10	0° ♄	
	-1508 Jun 13 j 05:13	0° ♄			-1506 Nov 01 j 15:01	0° ♄	
	-1508 Jul 08 j 16:19	0° ♄			-1506 Nov 26 j 05:31	0° ♄	
asc. node	-1508 Jul 29 j 10:00	25° ♄ 01'53			-1506 Dec 21 j 10:32	0° \approx	
	-1508 Aug 02 j 11:42	0° ♄		asc. node	-1505 Jan 14 j 04:43	26° \approx 53'58	
greatest brilliancy	-1508 Aug 23 j 19:00	26° ♄ 15'36	-3.9m		-1505 Jan 17 j 01:26	0° ♄	
	-1508 Aug 26 j 19:15	0° Ω		evening max el	-1505 Jan 30 j 17:12	14° ♄ 10'00	46°05'52
	-1508 Sep 19 j 18:54	0° ♄			-1505 Feb 17 j 00:58	0° ♄	
morning set	-1508 Oct 05 j 07:46	19° ♄ 33'06		greatest brilliancy	-1505 Mar 06 j 07:31	11° ♄ 35'56	-4.5m
	-1508 Oct 13 j 14:38	0° Ω		retrograde	-1505 Mar 21 j 04:57	15° ♄ 31'08	
	-1508 Nov 06 j 09:39	0° ♄		evening set	-1505 Apr 06 j 12:26	10° ♄ 20'59	
				inferior conj	-1505 Apr 11 j 14:55	7° ♄ 12'48	5°12'01
superior conj	-1508 Nov 15 j 05:23	11° ♄ 06'49	0°06'43	minimum elong	-1505 Apr 11 j 23:54	6° ♄ 58'37	5°10'00
minimum elong	-1508 Nov 15 j 07:12	11° ♄ 12'32	0°06'37	min. Earth dist.	-1505 Apr 11 j 22:40	7° ♄ 00'33	0.29121 AU
behind sun begin	-1508 Nov 14 j 06:23	9° ♄ 54'23		morning rise	-1505 Apr 17 j 11:26	3° ♄ 38'47	
behind sun end	-1508 Nov 16 j 08:01	12° ♄ 30'40			-1505 Apr 25 j 15:29	30° ♄	
max. Earth dist.	-1508 Nov 17 j 18:10	14° ♄ 18'03	1.71021 AU	direct	-1505 May 03 j 06:16	28° ♄ 50'33	
desc. node	-1508 Nov 18 j 01:24	14° ♄ 40'51		desc. node	-1505 May 05 j 20:01	28° ♄ 58'11	
	-1508 Nov 30 j 05:50	0° ♄			-1505 May 11 j 04:31	0° ♄	
	-1508 Dec 24 j 04:11	0° ♄		greatest brilliancy	-1505 May 16 j 13:42	1° ♄ 56'55	-4.5m
evening rise	-1508 Dec 27 j 07:04	3° ♄ 54'02		morning max el	-1505 Jun 21 j 03:55	28° ♄ 41'49	45°49'37
	-1507 Jan 17 j 05:35	0° \approx			-1505 Jun 22 j 12:29	0° ♄	
	-1507 Feb 10 j 11:34	0° ♄			-1505 Jul 21 j 06:37	0° ♄	
	-1507 Mar 07 j 00:24	0° ♄			-1505 Aug 16 j 13:06	0° ♄	
asc. node	-1507 Mar 11 j 02:40	4° ♄ 57'51		asc. node	-1505 Aug 26 j 21:51	12° ♄ 16'29	
	-1507 Mar 31 j 22:59	0° ♄			-1505 Sep 10 j 14:26	0° Ω	
	-1507 Apr 26 j 11:37	0° ♄			-1505 Oct 04 j 23:07	0° ♄	
	-1507 May 22 j 23:18	0° ♄			-1505 Oct 28 j 23:14	0° Ω	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1505 Nov 21 j 20:21	0°♌	evening set	-1502 Jun 13 j 23:42	17°♐29'32	
	-1505 Dec 15 j 17:53	0°♏	inferior conj	-1502 Jun 20 j 05:26	13°♐47'51	-4°-2'-17
desc. node	-1505 Dec 16 j 13:12	1°♏00'32	minimum elong	-1502 Jun 19 j 21:20	14°♐00'24	4°00'10
morning set	-1505 Dec 22 j 04:34	8°♏04'25	min. Earth dist.	-1502 Jun 20 j 11:42	13°♐38'08	0.28696 AU
	-1504 Jan 08 j 17:22	0°♑	morning rise	-1502 Jun 25 j 18:28	10°♐27'46	
			direct	-1502 Jul 11 j 20:49	5°♐33'47	
superior conj	-1504 Feb 01 j 12:07	29°♑37'31	greatest brilliancy	-1502 Jul 26 j 07:14	9°♐11'36	-4.5m
minimum elong	-1504 Feb 01 j 06:28	29°♑19'57		-1502 Aug 23 j 11:45	0°♑	
	-1504 Feb 01 j 19:21	0°♒	morning max el	-1502 Aug 30 j 12:48	6°♑45'36	46°23'15
max. Earth dist.	-1504 Feb 05 j 09:00	4°♒26'04		-1502 Sep 21 j 12:49	0°♒	
	-1504 Feb 26 j 00:13	0°♓	asc. node	-1502 Sep 23 j 09:47	2°♒05'26	
evening rise	-1504 Mar 11 j 13:16	17°♓56'52		-1502 Oct 17 j 12:15	0°♓	
	-1504 Mar 21 j 08:28	0°♈		-1502 Nov 11 j 07:46	0°♈	
asc. node	-1504 Apr 07 j 14:43	21°♈09'12		-1502 Dec 05 j 16:07	0°♉	
	-1504 Apr 14 j 20:37	0°♉		-1502 Dec 29 j 21:14	0°♏	
	-1504 May 09 j 13:12	0°♊	desc. node	-1501 Jan 13 j 01:01	17°♏32'27	
	-1504 Jun 03 j 11:19	0°♋		-1501 Jan 23 j 02:35	0°♑	
	-1504 Jun 28 j 17:31	0°♒		-1501 Feb 16 j 09:16	0°♒	
	-1504 Jul 24 j 13:32	0°♓	morning set	-1501 Mar 07 j 01:08	23°♒00'28	
desc. node	-1504 Jul 28 j 05:29	4°♓10'30		-1501 Mar 12 j 17:25	0°♈	
	-1504 Aug 20 j 13:04	0°♈		-1501 Apr 06 j 02:55	0°♉	
evening max el	-1504 Sep 06 j 03:33	17°♈12'24				
	-1504 Sep 19 j 18:24	0°♉	superior conj	-1501 Apr 13 j 10:02	8°♉57'41	0°-50'-1
greatest brilliancy	-1504 Oct 15 j 04:48	17°♉19'08	minimum elong	-1501 Apr 13 j 18:34	9°♉23'54	0°49'42
retrograde	-1504 Oct 26 j 14:10	19°♉44'10	max. Earth dist.	-1501 Apr 13 j 22:53	9°♉37'10	1.73595 AU
evening set	-1504 Nov 10 j 00:02	15°♉34'41		-1501 Apr 30 j 13:19	0°♊	
inferior conj	-1504 Nov 16 j 01:54	12°♉00'26	asc. node	-1501 May 06 j 02:40	6°♊49'11	
minimum elong	-1504 Nov 16 j 03:13	11°♉58'26	evening rise	-1501 May 19 j 18:52	23°♊36'00	
min. Earth dist.	-1504 Nov 15 j 18:29	12°♉11'47		-1501 May 25 j 00:02	0°♊	
asc. node	-1504 Nov 18 j 07:06	10°♉39'45		-1501 Jun 18 j 10:47	0°♋	
morning rise	-1504 Nov 22 j 06:46	8°♉23'55		-1501 Jul 12 j 22:08	0°♒	
direct	-1504 Dec 06 j 08:54	4°♉25'57		-1501 Aug 06 j 11:39	0°♓	
greatest brilliancy	-1504 Dec 17 j 20:43	6°♉55'46	desc. node	-1501 Aug 25 j 17:37	23°♓21'28	
	-1503 Jan 18 j 08:55	0°♏		-1501 Aug 31 j 05:38	0°♈	
morning max el	-1503 Jan 25 j 12:03	6°♏54'59		-1501 Sep 25 j 07:36	0°♉	
	-1503 Feb 16 j 12:11	0°♑		-1501 Oct 21 j 01:28	0°♏	
desc. node	-1503 Mar 09 j 22:44	23°♑57'10		-1501 Nov 17 j 12:03	0°♑	
	-1503 Mar 15 j 05:46	0°♒	evening max el	-1501 Nov 18 j 05:00	0°♑43'30	47°20'50
	-1503 Apr 10 j 01:51	0°♓	asc. node	-1501 Dec 16 j 18:59	26°♑02'10	
	-1503 May 05 j 10:25	0°♈		-1501 Dec 23 j 04:59	0°♒	
	-1503 May 30 j 10:38	0°♉	greatest brilliancy	-1501 Dec 25 j 14:25	1°♒13'31	-4.6m
	-1503 Jun 24 j 03:16	0°♊	retrograde	-1500 Jan 08 j 06:40	4°♒43'15	
asc. node	-1503 Jul 01 j 00:15	8°♊25'08		-1500 Jan 23 j 14:44	30°♒3	
	-1503 Jul 18 j 12:36	0°♋	evening set	-1500 Jan 25 j 10:25	28°♑55'41	
morning set	-1503 Jul 23 j 04:57	5°♋47'54	min. Earth dist.	-1500 Jan 28 j 10:43	27°♑03'07	0.28003 AU
	-1503 Aug 11 j 15:40	0°♒	inferior conj	-1500 Jan 29 j 08:02	26°♑29'16	8°09'33
max. Earth dist.	-1503 Aug 26 j 01:52	18°♒03'06	minimum elong	-1500 Jan 29 j 02:18	26°♑38'24	8°09'00
			morning rise	-1500 Feb 01 j 18:29	24°♑20'23	
superior conj	-1503 Aug 29 j 10:31	22°♒15'54	direct	-1500 Feb 19 j 04:43	18°♑27'51	
minimum elong	-1503 Aug 29 j 12:36	22°♒22'24	greatest brilliancy	-1500 Feb 29 j 23:43	20°♑35'18	-4.5m
	-1503 Sep 04 j 14:29	0°♓		-1500 Mar 17 j 09:46	0°♒	
	-1503 Sep 28 j 11:31	0°♈	desc. node	-1500 Apr 06 j 10:23	17°♒04'12	
evening rise	-1503 Oct 07 j 20:37	11°♈46'59	morning max el	-1500 Apr 08 j 03:41	18°♒42'34	45°55'49
desc. node	-1503 Oct 20 j 15:36	27°♈50'44		-1500 Apr 19 j 12:32	0°♈	
	-1503 Oct 22 j 08:48	0°♉		-1500 May 17 j 10:47	0°♉	
	-1503 Nov 15 j 07:40	0°♏		-1500 Jun 12 j 18:16	0°♊	
	-1503 Dec 09 j 09:19	0°♑		-1500 Jul 08 j 04:26	0°♊	
	-1502 Jan 02 j 16:02	0°♒	asc. node	-1500 Jul 28 j 12:07	24°♊32'43	
	-1502 Jan 27 j 08:14	0°♓		-1500 Aug 01 j 23:19	0°♋	
asc. node	-1502 Feb 10 j 16:42	17°♓05'36		-1500 Aug 26 j 06:39	0°♒	
	-1502 Feb 21 j 17:43	0°♈	greatest brilliancy	-1500 Aug 28 j 19:00	3°♒07'48	-3.9m
	-1502 Mar 20 j 11:53	0°♉		-1500 Sep 19 j 06:13	0°♓	
evening max el	-1502 Apr 11 j 12:04	22°♉30'20	morning set	-1500 Oct 02 j 20:05	17°♓05'05	
	-1502 Apr 19 j 14:58	0°♊		-1500 Oct 13 j 01:56	0°♈	
greatest brilliancy	-1502 May 16 j 06:48	18°♊40'11		-1500 Nov 05 j 20:57	0°♉	
retrograde	-1502 May 29 j 19:25	21°♊51'05				
desc. node	-1502 Jun 02 j 07:58	21°♊36'40	superior conj	-1500 Nov 12 j 14:31	8°♊28'52	0°10'44

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening rise	-1495 Oct 05 j 08:00	9°♄17'00		morning max el	-1492 Apr 05 j 19:06	16°♊29'47	45°56'46
desc. node	-1495 Oct 19 j 17:37	27°♄21'47			-1492 Apr 19 j 07:25	0°♋	
	-1495 Oct 21 j 20:03	0°♌			-1492 May 17 j 01:23	0°♎	
	-1495 Nov 14 j 19:06	0°♏			-1492 Jun 12 j 07:04	0°♐	
	-1495 Dec 08 j 20:58	0°♑			-1492 Jul 07 j 16:18	0°♒	
	-1494 Jan 02 j 04:02	0°♓		asc. node	-1492 Jul 27 j 14:18	24°♒04'34	
	-1494 Jan 26 j 20:51	0°♋			-1492 Aug 01 j 10:41	0°♑	
asc. node	-1494 Feb 09 j 18:52	16°♋33'01			-1492 Aug 25 j 17:45	0°♒	
	-1494 Feb 21 j 07:35	0°♎		greatest brilliancy	-1492 Aug 31 j 15:18	7°♒20'56	-3.9m
	-1494 Mar 20 j 04:45	0°♐			-1492 Sep 18 j 17:14	0°♑	
evening max el	-1494 Apr 09 j 02:35	20°♐16'27	45°15'00	morning set	-1492 Sep 30 j 08:38	14°♑38'45	
	-1494 Apr 19 j 18:30	0°♒			-1492 Oct 12 j 12:57	0°♓	
greatest brilliancy	-1494 May 13 j 19:51	16°♒26'51	-4.5m		-1492 Nov 05 j 07:58	0°♌	
retrograde	-1494 May 27 j 10:50	19°♒41'06					
desc. node	-1494 Jun 01 j 09:59	19°♒12'15		superior conj	-1492 Nov 09 j 23:54	5°♌52'33	0°14'41
evening set	-1494 Jun 11 j 14:08	15°♒20'38		minimum elong	-1492 Nov 10 j 03:50	6°♌04'57	0°14'29
inferior conj	-1494 Jun 17 j 21:17	11°♒37'15	-3°-44'-11	behind sun begin	-1492 Nov 09 j 15:11	5°♌25'08	
minimum elong	-1494 Jun 17 j 13:39	11°♒49'05	3°42'09	behind sun end	-1492 Nov 10 j 16:28	6°♌44'45	
min. Earth dist.	-1494 Jun 18 j 04:00	11°♒26'52	0.28722 AU	max. Earth dist.	-1492 Nov 12 j 05:44	8°♌42'05	1.70989 AU
morning rise	-1494 Jun 23 j 12:38	8°♒13'48		desc. node	-1492 Nov 16 j 05:31	13°♌43'35	
direct	-1494 Jul 09 j 12:15	3°♒22'26			-1492 Nov 29 j 04:09	0°♏	
greatest brilliancy	-1494 Jul 24 j 00:09	7°♒01'08	-4.5m	evening rise	-1492 Dec 22 j 03:25	28°♏47'54	
	-1494 Aug 23 j 12:32	0°♑			-1492 Dec 23 j 02:29	0°♑	
morning max el	-1494 Aug 28 j 03:38	4°♑28'54	46°21'58		-1491 Jan 16 j 03:58	0°♒	
	-1494 Sep 21 j 05:22	0°♒			-1491 Feb 09 j 10:14	0°♋	
asc. node	-1494 Sep 22 j 11:45	1°♒25'11			-1491 Mar 05 j 23:39	0°♎	
	-1494 Oct 17 j 02:11	0°♑		asc. node	-1491 Mar 09 j 06:51	3°♎59'47	
	-1494 Nov 10 j 20:31	0°♓			-1491 Mar 30 j 23:24	0°♐	
	-1494 Dec 05 j 04:13	0°♌			-1491 Apr 25 j 14:24	0°♒	
	-1494 Dec 29 j 08:55	0°♏			-1491 May 22 j 07:04	0°♑	
desc. node	-1493 Jan 12 j 03:12	17°♏03'40		evening max el	-1491 Jun 19 j 14:24	29°♑13'49	45°42'46
	-1493 Jan 22 j 13:58	0°♑			-1491 Jun 20 j 09:46	0°♒	
	-1493 Feb 15 j 20:24	0°♒		desc. node	-1491 Jun 28 j 21:58	7°♒47'56	
morning set	-1493 Mar 04 j 16:07	20°♒44'53		greatest brilliancy	-1491 Jul 27 j 19:04	27°♒10'31	-4.5m
	-1493 Mar 12 j 04:23	0°♋		retrograde	-1491 Aug 07 j 16:11	29°♒17'27	
	-1493 Apr 05 j 13:45	0°♎		evening set	-1491 Aug 25 j 15:26	23°♒17'29	
				inferior conj	-1491 Aug 28 j 14:14	21°♒31'00	-8°-50'-44
superior conj	-1493 Apr 11 j 03:27	6°♎50'37	0°-52'-34	minimum elong	-1491 Aug 28 j 16:06	21°♒28'09	8°50'42
minimum elong	-1493 Apr 11 j 12:13	7°♎17'34	0°52'15	min. Earth dist.	-1491 Aug 29 j 05:14	21°♒08'11	0.27527 AU
max. Earth dist.	-1493 Apr 11 j 17:25	7°♎33'30	1.73574 AU	morning rise	-1491 Aug 31 j 16:37	19°♒38'57	
	-1493 Apr 30 j 00:07	0°♐		direct	-1491 Sep 18 j 13:59	13°♒36'51	
asc. node	-1493 May 05 j 04:40	6°♐22'11		greatest brilliancy	-1491 Oct 02 j 11:49	17°♒09'30	-4.6m
evening rise	-1493 May 17 j 13:47	21°♐33'33		asc. node	-1491 Oct 19 j 23:28	28°♒54'31	
	-1493 May 24 j 10:54	0°♒			-1491 Oct 21 j 06:43	0°♑	
	-1493 Jun 17 j 21:52	0°♑		morning max el	-1491 Nov 08 j 10:00	17°♑08'45	46°53'56
	-1493 Jul 12 j 09:36	0°♒			-1491 Nov 20 j 13:02	0°♓	
	-1493 Aug 05 j 23:40	0°♑			-1491 Dec 16 j 22:38	0°♌	
desc. node	-1493 Aug 24 j 19:43	22°♑49'46			-1490 Jan 11 j 05:57	0°♏	
	-1493 Aug 30 j 18:26	0°♓			-1490 Feb 05 j 04:01	0°♑	
	-1493 Sep 24 j 21:37	0°♌		desc. node	-1490 Feb 08 j 15:04	4°♑10'57	
	-1493 Oct 20 j 17:43	0°♏			-1490 Mar 01 j 22:34	0°♒	
evening max el	-1493 Nov 15 j 19:31	28°♏21'39	47°22'20		-1490 Mar 26 j 15:26	0°♋	
	-1493 Nov 17 j 10:08	0°♑			-1490 Apr 20 j 06:52	0°♎	
asc. node	-1493 Dec 15 j 21:05	24°♑41'15		morning set	-1490 May 12 j 04:45	26°♎45'30	
greatest brilliancy	-1493 Dec 23 j 06:23	28°♑55'00	-4.7m		-1490 May 14 j 20:20	0°♐	
	-1493 Dec 25 j 16:52	0°♒		asc. node	-1490 Jun 01 j 16:39	21°♐53'14	
retrograde	-1492 Jan 05 j 22:20	2°♒24'52			-1490 Jun 08 j 07:01	0°♒	
	-1492 Jan 16 j 16:54	30°♒♑		max. Earth dist.	-1490 Jun 14 j 03:25	7°♒12'11	1.73335 AU
evening set	-1492 Jan 22 j 22:41	26°♑41'46					
min. Earth dist.	-1492 Jan 26 j 00:59	24°♑46'32	0.27938 AU	superior conj	-1490 Jun 17 j 07:08	11°♒05'32	0°35'45
inferior conj	-1492 Jan 26 j 23:09	24°♑11'27	8°03'11	minimum elong	-1490 Jun 17 j 00:38	10°♒45'27	0°35'29
minimum elong	-1492 Jan 26 j 16:45	24°♑21'34	8°02'29		-1490 Jul 02 j 14:26	0°♑	
morning rise	-1492 Jan 30 j 11:09	22°♑00'31		evening rise	-1490 Jul 23 j 02:41	25°♑25'34	
direct	-1492 Feb 16 j 18:43	16°♑10'55			-1490 Jul 26 j 19:04	0°♒	
greatest brilliancy	-1492 Feb 27 j 13:44	18°♑18'37	-4.5m		-1490 Aug 19 j 22:15	0°♑	
	-1492 Mar 18 j 00:14	0°♒			-1490 Sep 13 j 01:42	0°♓	
desc. node	-1492 Apr 05 j 12:25	16°♒13'47		desc. node	-1490 Sep 21 j 07:40	10°♓13'55	

	-1490 Oct 07 j 07:00	0°♌			-1487 Mar 14 j 10:07	0°♊		
	-1490 Oct 31 j 15:53	0°♏			-1487 Apr 09 j 03:13	0°♏		
	-1490 Nov 25 j 07:58	0°♐			-1487 May 04 j 10:02	0°♑		
	-1490 Dec 20 j 15:56	0°♋			-1487 May 29 j 09:13	0°♉		
asc. node	-1489 Jan 12 j 09:04	25°♋30'22			-1487 Jun 23 j 01:17	0°♊		
	-1489 Jan 16 j 14:05	0°♏		asc. node	-1487 Jun 29 j 04:33	7°♊31'08		
evening max el	-1489 Jan 26 j 01:36	9°♏44'45	46°11'31		-1487 Jul 17 j 10:23	0°♐		
	-1489 Feb 17 j 23:47	0°♑		morning set	-1487 Jul 18 j 15:01	1°♐28'37		
greatest brilliancy	-1489 Mar 01 j 19:36	7°♑21'53	-4.5m		-1487 Aug 10 j 13:26	0°♑		
retrograde	-1489 Mar 16 j 15:04	11°♑14'24		max. Earth dist.	-1487 Aug 21 j 03:24	13°♑14'05	1.71788 AU	
evening set	-1489 Apr 02 j 03:12	5°♑57'05						
inferior conj	-1489 Apr 07 j 00:30	2°♑55'35	5°41'29	superior conj	-1487 Aug 24 j 17:12	17°♑42'45	1°24'22	
minimum elong	-1489 Apr 07 j 09:43	2°♑40'59	5°39'33	minimum elong	-1487 Aug 24 j 17:40	17°♑44'13	1°24'23	
min. Earth dist.	-1489 Apr 07 j 06:46	2°♑45'38	0.29106 AU		-1487 Sep 03 j 12:23	0°♐		
	-1489 Apr 11 j 18:04	30°♏♏			-1487 Sep 27 j 09:40	0°♏		
morning rise	-1489 Apr 12 j 16:26	29°♏27'38		evening rise	-1487 Oct 02 j 19:11	6°♏46'39		
direct	-1489 Apr 28 j 16:05	24°♏34'06		desc. node	-1487 Oct 18 j 19:43	26°♏53'18		
desc. node	-1489 May 04 j 00:09	25°♏06'13			-1487 Oct 21 j 07:16	0°♌		
greatest brilliancy	-1489 May 11 j 16:14	27°♏33'09	-4.5m		-1487 Nov 14 j 06:28	0°♏		
	-1489 May 16 j 15:18	0°♑			-1487 Dec 08 j 08:32	0°♐		
morning max el	-1489 Jun 16 j 12:21	24°♑23'51	45°48'21		-1486 Jan 01 j 15:55	0°♋		
	-1489 Jun 22 j 06:22	0°♉			-1486 Jan 26 j 09:22	0°♏		
	-1489 Jul 20 j 13:05	0°♊		asc. node	-1486 Feb 08 j 20:52	16°♏00'17		
	-1489 Aug 15 j 15:28	0°♐			-1486 Feb 20 j 21:27	0°♑		
asc. node	-1489 Aug 25 j 02:05	11°♐13'04			-1486 Mar 19 j 21:47	0°♉		
	-1489 Sep 09 j 14:55	0°♑		evening max el	-1486 Apr 06 j 17:41	18°♉04'31	45°15'43	
	-1489 Oct 03 j 22:39	0°♐			-1486 Apr 19 j 23:36	0°♊		
	-1489 Oct 27 j 22:14	0°♏		greatest brilliancy	-1486 May 11 j 08:19	14°♊13'44	-4.5m	
	-1489 Nov 20 j 19:03	0°♌		retrograde	-1486 May 25 j 02:52	17°♊32'16		
desc. node	-1489 Dec 14 j 17:24	0°♏03'19		desc. node	-1486 May 31 j 12:11	16°♊44'10		
	-1489 Dec 14 j 16:21	0°♏		evening set	-1486 Jun 09 j 04:55	13°♊12'32		
morning set	-1489 Dec 16 j 23:50	2°♏53'54		inferior conj	-1486 Jun 15 j 13:18	9°♊27'40	-3°-25'-52	
	-1488 Jan 07 j 15:38	0°♐		minimum elong	-1486 Jun 15 j 06:11	9°♊38'41	3°23'55	
				min. Earth dist.	-1486 Jun 15 j 20:11	9°♊17'00	0.28750 AU	
superior conj	-1488 Jan 27 j 12:28	24°♐46'07	-1°-19'-34	morning rise	-1486 Jun 21 j 06:53	6°♊01'10		
minimum elong	-1488 Jan 27 j 05:11	24°♐23'27	1°19'29	direct	-1486 Jul 07 j 04:16	1°♊12'06		
max. Earth dist.	-1488 Jan 31 j 16:48	29°♐58'08	1.72221 AU	greatest brilliancy	-1486 Jul 21 j 17:18	4°♊52'03	-4.5m	
	-1488 Jan 31 j 17:24	0°♋			-1486 Aug 23 j 11:57	0°♐		
	-1488 Feb 24 j 22:07	0°♏		morning max el	-1486 Aug 25 j 19:21	2°♐15'09	46°20'30	
evening rise	-1488 Mar 06 j 19:24	13°♏26'27			-1486 Sep 20 j 21:33	0°♑		
	-1488 Mar 20 j 06:23	0°♑		asc. node	-1486 Sep 21 j 13:54	0°♑46'02		
asc. node	-1488 Apr 05 j 18:51	20°♑14'14			-1486 Oct 16 j 16:01	0°♐		
	-1488 Apr 13 j 18:50	0°♉			-1486 Nov 10 j 09:17	0°♏		
	-1488 May 08 j 12:09	0°♊			-1486			

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

asc. node	-1470 Sep 19 j 18:05	29° $\overline{\text{C}}$ 28'25		-1467 Apr 24 j 07:26	0° Π	
	-1470 Sep 20 j 05:12	0° Ω		-1467 May 21 j 08:52	0° $\overline{\text{C}}$	
	-1470 Oct 15 j 19:19	0° Π	evening max el	-1467 Jun 12 j 08:56	22° $\overline{\text{C}}$ 23'47	45°36'04
	-1470 Nov 09 j 10:32	0° $\underline{\text{A}}$		-1467 Jun 20 j 14:33	0° Ω	
	-1470 Dec 03 j 16:27	0° \mathbb{M}	desc. node	-1467 Jun 26 j 04:16	4° Ω 47'15	
	-1470 Dec 27 j 19:56	0° $\overline{\text{A}}$	greatest brilliancy	-1467 Jul 20 j 06:46	20° Ω 07'31	-4.5m
desc. node	-1469 Jan 09 j 09:29	15° $\overline{\text{A}}$ 36'20	retrograde	-1467 Jul 31 j 06:14	22° Ω 16'29	
	-1469 Jan 21 j 00:01	0° $\overline{\text{C}}$	evening set	-1467 Aug 18 j 05:22	16° Ω 19'58	
	-1469 Feb 14 j 05:42	0° \approx	inferior conj	-1467 Aug 21 j 07:05	14° Ω 28'42	-8°-50'-37
morning set	-1469 Feb 25 j 12:16	13° \approx 55'17	minimum elong	-1467 Aug 21 j 06:12	14° Ω 30'03	8°50'37
	-1469 Mar 10 j 13:08	0° \mathbb{X}	min. Earth dist.	-1467 Aug 21 j 21:04	14° Ω 07'20	0.27693 AU
	-1469 Apr 03 j 22:11	0° Υ	morning rise	-1467 Aug 24 j 06:52	12° Ω 39'51	
			direct	-1467 Sep 11 j 08:45	6° Ω 32'05	
superior conj	-1469 Apr 04 j 07:29	0° Υ 28'37	greatest brilliancy	-1467 Sep 25 j 08:17	10° Ω 04'28	-4.6m
minimum elong	-1469 Apr 04 j 16:41	0° Υ 56'52	asc. node	-1467 Oct 17 j 05:47	25° Ω 35'42	
max. Earth dist.	-1469 Apr 05 j 09:32	1° Υ 48'40		-1467 Oct 22 j 01:46	0° Π	
	-1469 Apr 28 j 08:29	0° \mathbb{X}	morning max el	-1467 Nov 01 j 01:11	9° Π 48'08	46°52'19
asc. node	-1469 May 02 j 10:58	5° \mathbb{X} 02'07		-1467 Nov 19 j 19:56	0° $\underline{\text{A}}$	
evening rise	-1469 May 10 j 22:59	15° \mathbb{X} 27'52		-1467 Dec 15 j 19:23	0° \mathbb{M}	
	-1469 May 22 j 19:32	0° Π		-1466 Jan 09 j 21:56	0° $\overline{\text{A}}$	
	-1469 Jun 16 j 07:11	0° $\overline{\text{C}}$		-1466 Feb 03 j 17:13	0° $\overline{\text{C}}$	
	-1469 Jul 10 j 20:07	0° Ω	desc. node	-1466 Feb 05 j 21:18	2° $\overline{\text{C}}$ 38'00	
	-1469 Aug 04 j 11:59	0° Π		-1466 Feb 28 j 09:55	0° \approx	
desc. node	-1469 Aug 22 j 01:58	21° Π 13'42		-1466 Mar 25 j 01:28	0° \mathbb{X}	
	-1469 Aug 29 j 09:24	0° $\underline{\text{A}}$		-1466 Apr 18 j 15:58	0° Υ	
	-1469 Sep 23 j 16:44	0° \mathbb{M}	morning set	-1466 May 05 j 12:42	20° Υ 36'26	
	-1469 Oct 19 j 20:43	0° $\overline{\text{A}}$		-1466 May 13 j 04:53	0° \mathbb{X}	
evening max el	-1469 Nov 08 j 19:23	21° $\overline{\text{A}}$ 25'10	asc. node	-1466 May 29 j 22:57	20° \mathbb{X} 33'00	
	-1469 Nov 17 j 11:15	0° $\overline{\text{C}}$		-1466 Jun 06 j 15:23	0° Π	
asc. node	-1469 Dec 13 j 03:25	20° $\overline{\text{C}}$ 18'36	max. Earth dist.	-1466 Jun 07 j 14:09	1° Π 10'04	1.73441 AU
greatest brilliancy	-1469 Dec 16 j 07:29	21° $\overline{\text{C}}$ 56'57				
retrograde	-1469 Dec 29 j 21:28	25° $\overline{\text{C}}$ 23'11	superior conj	-1466 Jun 10 j 15:32	4° Π 55'55	0°27'10
evening set	-1468 Jan 15 j 09:46	19° $\overline{\text{C}}$ 55'44	minimum elong	-1466 Jun 10 j 10:24	4° Π 40'05	0°26'56
min. Earth dist.	-1468 Jan 18 j 18:17	17° $\overline{\text{C}}$ 51'32		-1466 Jun 30 j 23:00	0° $\overline{\text{C}}$	
inferior conj	-1468 Jan 19 j 19:18	17° $\overline{\text{C}}$ 12'04	evening rise	-1466 Jul 16 j 08:47	19° $\overline{\text{C}}$ 04'44	
minimum elong	-1468 Jan 19 j 11:17	17° $\overline{\text{C}}$ 24'43		-1466 Jul 25 j 04:06	0° Ω	
morning rise	-1468 Jan 23 j 13:19	14° $\overline{\text{C}}$ 52'53		-1466 Aug 18 j 08:00	0° Π	
direct	-1468 Feb 09 j 13:56	9° $\overline{\text{C}}$ 15'28		-1466 Sep 11 j 12:25	0° $\underline{\text{A}}$	
greatest brilliancy	-1468 Feb 20 j 02:46	11° $\overline{\text{C}}$ 19'03	desc. node	-1466 Sep 18 j 13:55	8° $\underline{\text{A}}$ 44'32	
	-1468 Mar 19 j 01:16	0° \approx		-1466 Oct 05 j 18:58	0° \mathbb{M}	
morning max el	-1468 Mar 29 j 17:05	9° \approx 49'31		-1466 Oct 30 j 05:36	0° $\overline{\text{A}}$	
desc. node	-1468 Apr 02 j 18:43	13° \approx 47'28		-1466 Nov 24 j 00:23	0° $\overline{\text{C}}$	
	-1468 Apr 18 j 13:31	0° \mathbb{X}		-1466 Dec 19 j 13:30	0° \approx	
	-1468 May 15 j 20:20	0° Υ	asc. node	-1465 Jan 09 j 15:21	23° \approx 19'59	
	-1468 Jun 10 j 21:06	0° \mathbb{X}		-1465 Jan 16 j 01:06	0° \mathbb{X}	
	-1468 Jul 06 j 03:46	0° Π	evening max el	-1465 Jan 18 j 21:03	2° \mathbb{X} 51'48	46°19'55
asc. node	-1468 Jul 24 j 20:36	22° Π 39'03		-1465 Feb 21 j 04:33	0° Υ	
	-1468 Jul 30 j 20:48	0° $\overline{\text{C}}$	greatest brilliancy	-1465 Feb 22 j 23:36	0° Υ 55'19	-4.5m
	-1468 Aug 24 j 03:14	0° Ω	retrograde	-1465 Mar 09 j 16:29	4° Υ 47'44	
greatest brilliancy	-1468 Sep 05 j 23:34	16° Ω 02'36		-1465 Mar 25 j 08:45	30° \mathbb{X}	
	-1468 Sep 17 j 02:31	0° Π	evening set	-1465 Mar 26 j 13:14	29° \mathbb{X} 18'37	
morning set	-1468 Sep 22 j 23:29	7° Π 23'16	inferior conj	-1465 Mar 31 j 02:51	26° \mathbb{X} 28'26	6°22'04
	-1468 Oct 10 j 22:15	0° $\underline{\text{A}}$	minimum elong	-1465 Mar 31 j 12:02	26° \mathbb{X} 13'52	6°20'22
			min. Earth dist.	-1465 Mar 31 j 08:10	26° \mathbb{X} 19'59	0.29073 AU
superior conj	-1468 Nov 02 j 04:38	28° $\underline{\text{A}}$ 04'27	morning rise	-1465 Apr 05 j 10:53	23° \mathbb{X} 11'00	
minimum elong	-1468 Nov 02 j 11:22	28° $\underline{\text{A}}$ 25'38	direct	-1465 Apr 21 j 15:59	18° \mathbb{X} 07'28	
	-1468 Nov 03 j 17:19	0° \mathbb{M}	desc. node	-1465 May 01 j 06:25	19° \mathbb{X} 47'14	
max. Earth dist.	-1468 Nov 04 j 00:27	0° \mathbb{M} 22'27	greatest brilliancy	-1465 May 04 j 12:09	21° \mathbb{X} 00'56	-4.5m
desc. node	-1468 Nov 13 j 11:47	12° \mathbb{M} 18'08		-1465 May 19 j 14:48	0° Υ	
	-1468 Nov 27 j 13:34	0° $\overline{\text{A}}$	morning max el	-1465 Jun 09 j 10:38	17° Υ 50'24	45°47'11
evening rise	-1468 Dec 14 j 08:47	21° $\overline{\text{A}}$ 04'17		-1465 Jun 21 j 16:39	0° \mathbb{X}	
	-1468 Dec 21 j 12:00	0° $\overline{\text{C}}$		-1465 Jul 19 j 09:28	0° Π	
	-1467 Jan 14 j 13:41	0° \approx		-1465 Aug 14 j 06:30	0° $\overline{\text{C}}$	
	-1467 Feb 07 j 20:22	0° \mathbb{X}	asc. node	-1465 Aug 22 j 08:21	9° $\overline{\text{C}}$ 38'23	
	-1467 Mar 04 j 10:44	0° Υ		-1465 Sep 08 j 03:24	0° Ω	
asc. node	-1467 Mar 06 j 13:08	2° Υ 32'16		-1465 Oct 02 j 09:48	0° Π	
	-1467 Mar 29 j 12:27	0° \mathbb{X}		-1465 Oct 26 j 08:39	0° $\underline{\text{A}}$	

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Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1465 Nov 19 j 05:03	0°♌		retrograde	-1462 May 18 j 03:48	11°♊04'00	
morning set	-1465 Dec 09 j 04:38	25°♌06'47		desc. node	-1462 May 28 j 18:27	8°♊51'25	
desc. node	-1465 Dec 11 j 23:40	28°♌37'09		evening set	-1462 Jun 02 j 02:44	6°♊46'35	
	-1465 Dec 13 j 02:04	0°♊		inferior conj	-1462 Jun 08 j 13:19	2°♊57'28	-2°-29'-17
	-1464 Jan 06 j 01:04	0°♊		minimum elong	-1462 Jun 08 j 07:59	3°♊05'45	2°27'46
				min. Earth dist.	-1462 Jun 08 j 19:42	2°♊47'34	0.28821 AU
superior conj	-1464 Jan 19 j 23:58	17°♊25'01	-1°-15'00		-1462 Jun 13 j 10:33	30°♊	
minimum elong	-1464 Jan 19 j 14:35	16°♊55'45	1°14'49	morning rise	-1462 Jun 14 j 12:56	29°♊22'42	
max. Earth dist.	-1464 Jan 24 j 03:06	22°♊33'44	1.72045 AU	direct	-1462 Jun 30 j 06:27	24°♊40'54	
	-1464 Jan 30 j 02:34	0°♋		greatest brilliancy	-1462 Jul 14 j 16:39	28°♋18'57	-4.5m
	-1464 Feb 23 j 07:07	0°♋			-1462 Jul 17 j 23:46	0°♋	
evening rise	-1464 Feb 28 j 15:14	6°♋35'35		morning max el	-1462 Aug 18 j 19:20	25°♋36'05	46°16'02
	-1464 Mar 18 j 15:31	0°♋			-1462 Aug 23 j 05:16	0°♋	
asc. node	-1464 Apr 03 j 01:09	18°♋51'16		asc. node	-1462 Sep 18 j 20:13	28°♋49'51	
	-1464 Apr 12 j 04:32	0°♌			-1462 Sep 19 j 20:49	0°♌	
	-1464 May 06 j 22:59	0°♌			-1462 Oct 15 j 09:00	0°♌	
	-1464 Jun 01 j 00:24	0°♌			-1462 Nov 08 j 23:18	0°♌	
	-1464 Jun 26 j 12:15	0°♌			-1462 Dec 03 j 04:42	0°♌	
	-1464 Jul 22 j 18:41	0°♌			-1462 Dec 27 j 07:48	0°♌	
desc. node	-1464 Jul 23 j 15:59	0°♌59'22		desc. node	-1461 Jan 08 j 11:34	15°♌06'24	
	-1464 Aug 19 j 17:56	0°♌			-1461 Jan 20 j 11:36	0°♌	
evening max el	-1464 Aug 24 j 19:12	5°♌03'01	46°54'56		-1461 Feb 13 j 17:02	0°♌	
	-1464 Sep 23 j 11:49	0°♌		morning set	-1461 Feb 23 j 02:23	11°♌36'00	
greatest brilliancy	-1464 Oct 03 j 04:30	4°♌59'30	-4.7m		-1461 Mar 10 j 00:18	0°♌	
retrograde	-1464 Oct 14 j 01:31	7°♌12'27					
evening set	-1464 Oct 28 j 20:40	2°♌53'13		superior conj	-1461 Apr 02 j 00:21	28°♌18'53	-1°-2'-3
	-1464 Nov 02 j 19:51	30°♌		minimum elong	-1461 Apr 02 j 09:35	28°♌47'14	1°01'46
inferior conj	-1464 Nov 03 j 14:21	29°♌31'57	-2°-35'-41		-1461 Apr 03 j 09:15	0°♌	
minimum elong	-1464 Nov 03 j 20:06	29°♌23'14	2°33'56	max. Earth dist.	-1461 Apr 03 j 08:00	29°♌56'09	1.73474 AU
min. Earth dist.	-1464 Nov 03 j 15:31	29°♌30'11	0.26341 AU		-1461 Apr 27 j 19:32	0°♌	
morning rise	-1464 Nov 09 j 19:25	25°♌55'33		asc. node	-1461 May 01 j 13:09	4°♌34'54	
asc. node	-1464 Nov 13 j 17:35	24°♌04'12		evening rise	-1461 May 08 j 17:43	13°♌24'07	
direct	-1464 Nov 23 j 20:47	21°♌56'43			-1461 May 22 j 06:41	0°♌	
greatest brilliancy	-1464 Dec 05 j 22:51	24°♌41'19	-4.7m		-1461 Jun 15 j 18:34	0°♌	
	-1464 Dec 15 j 13:24	0°♌			-1461 Jul 10 j 07:53	0°♌	
morning max el	-1463 Jan 13 j 05:38	24°♌47'59	46°41'24		-1461 Aug 04 j 00:22	0°♌	
	-1463 Jan 18 j 08:20	0°♌		desc. node	-1461 Aug 21 j 03:59	20°♌40'49	
	-1463 Feb 14 j 23:39	0°♌			-1461 Aug 28 j 22:43	0°♌	
desc. node	-1463 Mar 05 j 09:05	20°♌59'19			-1461 Sep 23 j 07:35	0°♌	
	-1463 Mar 13 j 03:45	0°♌			-1461 Oct 19 j 14:38	0°♌	
	-1463 Apr 07 j 16:53	0°♌		evening max el	-1461 Nov 06 j 10:44	19°♌03'44	47°26'26
	-1463 May 02 j 21:23	0°♌			-1461 Nov 17 j 14:35	0°♌	
	-1463 May 27 j 19:11	0°♌		asc. node	-1461 Dec 12 j 05:33	18°♌43'28	
	-1463 Jun 21 j 10:28	0°♌		greatest brilliancy	-1461 Dec 14 j 01:22	19°♌37'50	-4.7m
asc. node	-1463 Jun 26 j 10:51	6°♌09'02		retrograde	-1461 Dec 27 j 12:17	23°♌00'13	
morning set	-1463 Jul 11 j 18:57	25°♌02'24		evening set	-1460 Jan 12 j 21:03	17°♌38'47	
	-1463 Jul 15 j 19:12	0°♌		min. Earth dist.	-1460 Jan 16 j 08:20	15°♌30'27	0.27644 AU
	-1463 Aug 08 j 22:14	0°♌		inferior conj	-1460 Jan 17 j 09:44	14°♌50'21	7°28'51
max. Earth dist.	-1463 Aug 14 j 00:51	6°♌22'52	1.71956 AU	minimum elong	-1460 Jan 17 j 01:16	15°♌03'42	7°27'32
				morning rise	-1460 Jan 21 j 06:02	12°♌27'40	
superior conj	-1463 Aug 17 j 16:11	10°♌55'53	1°23'56	direct	-1460 Feb 07 j 03:46	6°♌55'14	
minimum elong	-1463 Aug 17 j 14:19	10°♌50'04	1°23'58	greatest brilliancy	-1460 Feb 17 j 15:20	8°♌57'30	-4.6m
	-1463 Sep 01 j 21:27	0°♌			-1460 Mar 19 j 05:37	0°♌	
evening rise	-1463 Sep 25 j 06:30	29°♌20'12		morning max el	-1460 Mar 27 j 06:32	7°♌30'17	46°00'58
	-1463 Sep 25 j 19:11	0°♌		desc. node	-1460 Apr 01 j 20:54	12°♌59'37	
desc. node	-1463 Oct 16 j 01:59	25°♌26'29			-1460 Apr 18 j 07:03	0°♌	
	-1463 Oct 19 j 17:18	0°♌			-1460 May 15 j 10:36	0°♌	
	-1463 Nov 12 j 17:02	0°♌			-1460 Jun 10 j 09:52	0°♌	
	-1463 Dec 06 j 19:47	0°♌			-1460 Jul 05 j 15:44	0°♌	
	-1463 Dec 31 j 04:16	0°♌		asc. node	-1460 Jul 23 j 22:34	22°♌09'38	
	-1462 Jan 24 j 23:51	0°♌			-1460 Jul 30 j 08:19	0°♌	
asc. node	-1462 Feb 06 j 03:09	14°♌20'41			-1460 Aug 23 j 14:32	0°♌	
	-1462 Feb 19 j 16:20	0°♌		greatest brilliancy	-1460 Sep 07 j 03:00	18°♌08'31	-3.9m
	-1462 Mar 19 j 03:45	0°♌			-1460 Sep 16 j 13:44	0°♌	
evening max el	-1462 Mar 30 j 18:34	11°♌36'13	45°18'19	morning set	-1460 Sep 20 j 12:56	4°♌59'19	
	-1462 Apr 21 j 07:23	0°♌			-1460 Oct 10 j 09:27	0°♌	
greatest brilliancy	-1462 May 04 j 02:21	7°♌39'08	-4.5m				

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1455 Sep 25 j 06:14	0°♄		desc. node	-1452 Mar 31 j 22:58	12°≈13'30	
desc. node	-1455 Oct 15 j 04:06	24°♄58'02			-1452 Apr 17 j 23:44	0°♄	
	-1455 Oct 19 j 04:32	0°♄			-1452 May 15 j 00:14	0°♄	
	-1455 Nov 12 j 04:28	0°♄			-1452 Jun 09 j 22:04	0°♄	
	-1455 Dec 06 j 07:26	0°♄			-1452 Jul 05 j 03:12	0°♄	
	-1455 Dec 30 j 16:18	0°≈		asc. node	-1452 Jul 23 j 00:45	21°♄42'06	
	-1454 Jan 24 j 12:36	0°♄			-1452 Jul 29 j 19:26	0°♄	
asc. node	-1454 Feb 05 j 05:20	13°♄48'09			-1452 Aug 23 j 01:30	0°♄	
	-1454 Feb 19 j 06:41	0°♄		greatest brilliancy	-1452 Sep 08 j 07:02	20°♄17'17	-3.9m
	-1454 Mar 18 j 22:20	0°♄			-1452 Sep 16 j 00:41	0°♄	
evening max el	-1454 Mar 28 j 10:52	9°♄27'31	45°19'12	morning set	-1452 Sep 18 j 02:17	2°♄35'56	
	-1454 Apr 22 j 01:30	0°♄			-1452 Oct 09 j 20:24	0°♄	
greatest brilliancy	-1454 May 01 j 18:00	5°♄30'38	-4.5m				
retrograde	-1454 May 15 j 19:32	8°♄55'41		superior conj	-1452 Oct 28 j 00:44	22°♄55'28	0°33'42
desc. node	-1454 May 27 j 20:29	6°♄06'32		minimum elong	-1452 Oct 28 j 09:01	23°♄21'31	0°33'18
evening set	-1454 May 30 j 18:35	4°♄38'54		max. Earth dist.	-1452 Oct 29 j 04:08	24°♄21'46	1.70959 AU
inferior conj	-1454 Jun 06 j 05:32	0°♄48'50	-2°-10'-6		-1452 Nov 02 j 15:32	0°♄	
minimum elong	-1454 Jun 06 j 00:52	0°♄56'07	2°08'46	desc. node	-1452 Nov 11 j 15:57	11°♄21'12	
min. Earth dist.	-1454 Jun 06 j 12:10	0°♄38'32	0.28844 AU		-1452 Nov 26 j 11:52	0°♄	
	-1454 Jun 07 j 12:59	30°♄		evening rise	-1452 Dec 09 j 03:46	15°♄52'59	
morning rise	-1454 Jun 12 j 06:50	27°♄11'16			-1452 Dec 20 j 10:25	0°♄	
direct	-1454 Jun 27 j 23:05	22°♄31'59			-1451 Jan 13 j 12:17	0°≈	
greatest brilliancy	-1454 Jul 12 j 07:19	26°♄07'23	-4.5m		-1451 Feb 06 j 19:17	0°♄	
	-1454 Jul 19 j 08:05	0°♄			-1451 Mar 03 j 10:21	0°♄	
morning max el	-1454 Aug 16 j 10:06	23°♄20'50	46°14'29	asc. node	-1451 Mar 04 j 17:25	1°♄33'44	
	-1454 Aug 23 j 01:20	0°♄			-1451 Mar 28 j 13:32	0°♄	
asc. node	-1454 Sep 17 j 22:25	28°♄12'35			-1451 Apr 23 j 11:31	0°♄	
	-1454 Sep 19 j 11:57	0°♄			-1451 May 20 j 19:49	0°♄	
	-1454 Oct 14 j 22:17	0°♄		evening max el	-1451 Jun 07 j 11:19	17°♄46'31	45°32'13
	-1454 Nov 08 j 11:41	0°♄			-1451 Jun 21 j 01:52	0°♄	
	-1454 Dec 02 j 16:33	0°♄		desc. node	-1451 Jun 24 j 08:19	2°♄39'16	
	-1454 Dec 26 j 19:17	0°♄		greatest brilliancy	-1451 Jul 15 j 04:42	15°♄25'07	-4.5m
desc. node	-1453 Jan 07 j 13:32	14°♄37'16		retrograde	-1451 Jul 26 j 08:48	17°♄39'04	
	-1453 Jan 19 j 22:47	0°♄		evening set	-1451 Aug 13 j 04:48	11°♄46'56	
	-1453 Feb 13 j 03:59	0°≈		inferior conj	-1451 Aug 16 j 10:48	9°♄49'40	-8°-45'-53
morning set	-1453 Feb 20 j 16:36	9°≈18'08		minimum elong	-1451 Aug 16 j 08:08	9°♄53'43	8°45'47
	-1453 Mar 09 j 11:03	0°♄		min. Earth dist.	-1451 Aug 17 j 00:12	9°♄29'12	0.27805 AU
				morning rise	-1451 Aug 19 j 11:15	7°♄59'57	
superior conj	-1453 Mar 30 j 17:31	26°♄11'22	-1°-4'-13	direct	-1451 Sep 06 j 12:59	1°♄50'44	
minimum elong	-1453 Mar 31 j 02:42	26°♄39'37	1°03'56	greatest brilliancy	-1451 Sep 20 j 17:47	5°♄28'21	-4.6m
max. Earth dist.	-1453 Apr 01 j 05:59	28°♄03'32	1.73438 AU	asc. node	-1451 Oct 15 j 10:01	23°♄32'02	
	-1453 Apr 02 j 19:53	0°♄			-1451 Oct 22 j 05:21	0°♄	
	-1453 Apr 27 j 06:08	0°♄		morning max el	-1451 Oct 27 j 05:01	4°♄59'35	46°51'14
asc. node	-1453 Apr 30 j 15:14	4°♄08'43			-1451 Nov 19 j 06:24	0°♄	
evening rise	-1453 May 06 j 12:43	11°♄22'30			-1451 Dec 15 j 00:15	0°♄	
	-1453 May 21 j 17:25	0°♄			-1450 Jan 09 j 00:05	0°♄	
	-1453 Jun 15 j 05:34	0°♄			-1450 Feb 02 j 17:43	0°♄	
	-1453 Jul 09 j 19:21	0°♄		desc. node	-1450 Feb 04 j 01:32	1°♄36'43	
	-1453 Aug 03 j 12:31	0°♄			-1450 Feb 27 j 09:18	0°≈	
desc. node	-1453 Aug 20 j 06:08	20°♄09'06			-1450 Mar 24 j 00:01	0°♄	
	-1453 Aug 28 j 11:50	0°♄			-1450 Apr 17 j 13:56	0°♄	
	-1453 Sep 22 j 22:18	0°♄		morning set	-1450 May 01 j 01:29	16°♄28'45	
	-1453 Oct 19 j 08:36	0°♄			-1450 May 12 j 02:30	0°♄	
evening max el	-1453 Nov 04 j 01:02	16°♄40'35	47°27'06	asc. node	-1450 May 28 j 03:06	19°♄39'30	
	-1453 Nov 17 j 19:11	0°♄		max. Earth dist.	-1450 Jun 03 j 11:15	27°♄27'14	1.73502 AU
asc. node	-1453 Dec 11 j 07:34	17°♄05'42			-1450 Jun 05 j 12:55	0°♄	
greatest brilliancy	-1453 Dec 11 j 19:24	17°♄19'47	-4.7m				
retrograde	-1453 Dec 25 j 02:42	20°♄38'18		superior conj	-1450 Jun 06 j 05:06	0°♄49'48	0°21'15
evening set	-1452 Jan 10 j 08:19	15°♄22'47		minimum elong	-1450 Jun 06 j 00:58	0°♄37'07	0°21'05
min. Earth dist.	-1452 Jan 13 j 22:47	13°♄09'50	0.27568 AU		-1450 Jun 29 j 20:39	0°♄	
inferior conj	-1452 Jan 15 j 00:11	12°♄29'45	7°18'05	evening rise	-1450 Jul 11 j 21:40	14°♄54'09	
minimum elong	-1452 Jan 14 j 15:20	12°♄43'42	7°16'37		-1450 Jul 24 j 02:04	0°♄	
morning rise	-1452 Jan 18 j 22:54	10°♄03'24			-1450 Aug 17 j 06:29	0°♄	
direct	-1452 Feb 04 j 17:07	4°♄35'54			-1450 Sep 10 j 11:36	0°♄	
greatest brilliancy	-1452 Feb 15 j 04:59	6°♄38'04	-4.6m	desc. node	-1450 Sep 16 j 18:12	7°♄45'24	
	-1452 Mar 19 j 07:48	0°≈			-1450 Oct 04 j 19:04	0°♄	
morning max el	-1452 Mar 24 j 19:42	5°≈11'24	46°02'17		-1450 Oct 29 j 06:57	0°♄	

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greatest brilliancy	-1435 Sep 16 j 01:07	0°Ω50'38	-4.6m	asc. node	-1432 Mar 30 j 09:36	17°Υ01'23	
asc. node	-1435 Oct 13 j 14:14	21°Ω34'00			-1432 Apr 10 j 01:29	0°Ϡ	
	-1435 Oct 22 j 04:09	0°ϯ			-1432 May 04 j 21:38	0°Π	
morning max el	-1435 Oct 22 j 11:20	0°ϯ18'17	46°49'45		-1432 May 30 j 02:08	0°ϙ	
	-1435 Nov 18 j 15:33	0°Ω			-1432 Jun 24 j 19:32	0°Ω	
	-1435 Dec 14 j 04:34	0°ℳ		desc. node	-1432 Jul 20 j 00:19	28°Ω20'07	
	-1434 Jan 08 j 01:56	0°Ϡ			-1432 Jul 21 j 12:54	0°ϯ	
	-1434 Feb 01 j 18:03	0°ϙ		evening max el	-1432 Aug 15 j 01:54	25°ϯ32'43	46°43'53
desc. node	-1434 Feb 02 j 05:34	0°ϙ35'06			-1432 Aug 19 j 16:59	0°Ω	
	-1434 Feb 26 j 08:33	0°≈		greatest brilliancy	-1432 Sep 23 j 10:39	25°Ω07'26	-4.6m
	-1434 Mar 22 j 22:28	0°Ϡ		retrograde	-1432 Oct 04 j 01:12	27°Ω12'00	
	-1434 Apr 16 j 11:51	0°Υ		evening set	-1432 Oct 19 j 06:34	22°Ω41'16	
morning set	-1434 Apr 26 j 14:14	12°Υ20'59		inferior conj	-1432 Oct 24 j 14:12	19°Ω33'20	-4°-7'-18
	-1434 May 11 j 00:08	0°Ϡ		minimum elong	-1432 Oct 24 j 22:47	19°Ω20'17	4°04'51
asc. node	-1434 May 26 j 07:20	18°Ϡ46'20		min. Earth dist.	-1432 Oct 24 j 20:44	19°Ω23'24	0.26403 AU
max. Earth dist.	-1434 May 30 j 09:52	23°Ϡ49'04	1.73555 AU	morning rise	-1432 Oct 30 j 14:49	16°Ω02'34	
				asc. node	-1432 Nov 10 j 02:00	12°Ω16'05	
superior conj	-1434 Jun 01 j 18:28	26°Ϡ43'05	0°15'13	direct	-1432 Nov 13 j 22:46	11°Ω57'39	
minimum elong	-1434 Jun 01 j 15:29	26°Ϡ33'52	0°15'05	greatest brilliancy	-1432 Nov 26 j 05:53	14°Ω47'37	-4.7m
behind sun begin	-1434 Jun 01 j 08:48	26°Ϡ13'21			-1432 Dec 18 j 11:23	0°ℳ	
behind sun end	-1434 Jun 01 j 22:09	26°Ϡ54'24		morning max el	-1431 Jan 03 j 10:12	15°ℳ04'28	46°45'52
	-1434 Jun 04 j 10:29	0°Π			-1431 Jan 17 j 16:34	0°Ϡ	
	-1434 Jun 28 j 18:23	0°ϙ			-1431 Feb 13 j 13:16	0°ϙ	
evening rise	-1434 Jul 07 j 10:39	10°ϙ43'52		desc. node	-1431 Mar 01 j 17:35	18°ϙ42'23	
	-1434 Jul 23 j 00:09	0°Ω			-1431 Mar 11 j 09:11	0°≈	
	-1434 Aug 16 j 05:07	0°ϯ			-1431 Apr 05 j 17:52	0°Ϡ	
	-1434 Sep 09 j 10:58	0°Ω			-1431 Apr 30 j 19:42	0°Υ	
desc. node	-1434 Sep 14 j 22:21	6°Ω45'30			-1431 May 25 j 15:50	0°Ϡ	
	-1434 Oct 03 j 19:24	0°ℳ			-1431 Jun 19 j 06:10	0°Π	
	-1434 Oct 28 j 08:36	0°Ϡ		asc. node	-1431 Jun 22 j 19:08	4°Π20'33	
	-1434 Nov 22 j 07:33	0°ϙ		morning set	-1431 Jul 02 j 17:31	16°Π33'49	
	-1434 Dec 18 j 05:10	0°≈			-1431 Jul 13 j 14:31	0°ϙ	
asc. node	-1433 Jan 05 j 23:36	20°≈17'14		max. Earth dist.	-1431 Aug 04 j 06:28	26°ϙ55'29	1.72193 AU
evening max el	-1433 Jan 09 j 12:02	23°≈52'22	46°31'24		-1431 Aug 06 j 17:38	0°Ω	
	-1433 Jan 15 j 17:45	0°Ϡ					
greatest brilliancy	-1433 Feb 13 j 19:10	22°Ϡ15'34	-4.6m	superior conj	-1431 Aug 08 j 09:21	2°Ω03'56	1°21'32
retrograde	-1433 Feb 28 j 13:22	26°Ϡ09'11		minimum elong	-1431 Aug 08 j 04:46	1°Ω49'36	1°21'30
evening set	-1433 Mar 17 j 17:57	20°Ϡ23'56			-1431 Aug 30 j 17:18	0°ϯ	
inferior conj	-1433 Mar 21 j 21:18	17°Ϡ48'35	7°08'52	evening rise	-1431 Sep 15 j 08:22	19°ϯ35'23	
minimum elong	-1433 Mar 22 j 05:43	17°Ϡ35'13	7°07'36		-1431 Sep 23 j 15:40	0°Ω	
min. Earth dist.	-1433 Mar 21 j 22:28	17°Ϡ46'45	0.29007 AU	desc. node	-1431 Oct 12 j 10:21	23°Ω31'40	
morning rise	-1433 Mar 26 j 17:45	14°Ϡ48'28			-1431 Oct 17 j 14:30	0°ℳ	
direct	-1433 Apr 12 j 09:37	9°Ϡ29'10			-1431 Nov 10 j 15:04	0°Ϡ	
greatest brilliancy	-1433 Apr 24 j 19:51	12°Ϡ14'12	-4.5m		-1431 Dec 04 j 18:54	0°ϙ	
desc. node	-1433 Apr 27 j 14:51	13°Ϡ30'09			-1431 Dec 29 j 05:08	0°≈	
	-1433 May 21 j 00:25	0°Υ			-1430 Jan 23 j 03:59	0°Ϡ	
morning max el	-1433 May 31 j 05:36	9°Υ19'24	45°46'11	asc. node	-1430 Feb 02 j 11:37	12°Ϡ06'36	
	-1433 Jun 20 j 15:35	0°Ϡ			-1430 Feb 18 j 03:32	0°Υ	
	-1433 Jul 17 j 18:08	0°Π			-1430 Mar 18 j 10:21	0°Ϡ	
	-1433 Aug 12 j 09:10	0°ϙ		evening max el	-1430 Mar 21 j 07:48	2°Ϡ49'08	45°22'45
asc. node	-1433 Aug 18 j 16:48	7°ϙ34'41		greatest brilliancy	-1430 Apr 24 j 13:46	28°Ϡ59'05	-4.5m
	-1433 Sep 06 j 03:06	0°Ω			-1430 Apr 26 j 22:04	0°Π	
	-1433 Sep 30 j 08:00	0°ϯ		retrograde	-1430 May 08 j 18:50	2°Π30'33	
	-1433 Oct 24 j 06:05	0°Ω			-1430 May 20 j 03:07	30°Ϡ	
	-1433 Nov 17 j 02:02	0°ℳ		evening set	-1430 May 23 j 19:07	28°Ϡ12'38	
morning set	-1433 Nov 28 j 19:42	14°ℳ46'07		desc. node	-1430 May 25 j 02:42	27°Ϡ28'57	
desc. node	-1433 Dec 08 j 07:58	26°ℳ43'13		inferior conj	-1430 May 30 j 06:26	24°Ϡ22'19	-1°-11'-56
	-1433 Dec 10 j 22:39	0°Ϡ		minimum elong	-1430 May 30 j 03:48	24°Ϡ26'25	1°11'09
	-1432 Jan 03 j 21:15	0°ϙ		min. Earth dist.	-1430 May 30 j 14:41	24°Ϡ09'28	0.28906 AU
				morning rise	-1430 Jun 05 j 11:58	20°Ϡ37'56	
superior conj	-1432 Jan 09 j 20:27	7°ϙ27'21	-1°-6'-42	direct	-1430 Jun 20 j 22:58	16°Ϡ03'51	
minimum elong	-1432 Jan 09 j 09:14	6°ϙ52'18	1°06'23	greatest brilliancy	-1430 Jul 05 j 07:28	19°Ϡ37'21	-4.5m
max. Earth dist.	-1432 Jan 14 j 05:08	12°ϙ54'06	1.71826 AU		-1430 Jul 21 j 13:34	0°Π	
	-1432 Jan 27 j 22:27	0°≈		morning max el	-1430 Aug 09 j 06:37	16°Π35'27	46°10'27
evening rise	-1432 Feb 18 j 23:32	27°≈21'06			-1430 Aug 22 j 10:30	0°ϙ	
	-1432 Feb 21 j 02:56	0°Ϡ		asc. node	-1430 Sep 15 j 04:42	26°ϙ20'49	
	-1432 Mar 16 j 11:37	0°Υ			-1430 Sep 18 j 08:30	0°Ω	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

	-1425 Sep 05 j 15:05	0°♌			-1422 May 02 j 01:43	0°♈	
	-1425 Sep 29 j 19:39	0°♍		retrograde	-1422 May 06 j 11:30	0°♈22'06	
	-1425 Oct 23 j 17:35	0°♎			-1422 May 10 j 19:10	30°♋	
	-1425 Nov 16 j 13:28	0°♏		evening set	-1422 May 21 j 11:42	26°♊03'05	
morning set	-1425 Nov 26 j 05:26	12°♏09'59		desc. node	-1422 May 24 j 04:47	24°♊30'41	
desc. node	-1425 Dec 07 j 10:03	26°♏14'05		inferior conj	-1422 May 27 j 22:47	22°♊13'03	0°-52'-19
	-1425 Dec 10 j 10:01	0°♐		minimum elong	-1422 May 27 j 20:51	22°♊16'03	0°51'45
	-1424 Jan 03 j 08:33	0°♑		min. Earth dist.	-1422 May 28 j 07:07	22°♊00'05	0.28929 AU
				morning rise	-1422 Jun 03 j 05:33	18°♊27'11	
superior conj	-1424 Jan 07 j 06:56	4°♑54'57	-1°-4'-13	direct	-1422 Jun 18 j 15:23	13°♊54'04	
minimum elong	-1424 Jan 06 j 19:29	4°♑19'10	1°03'54	greatest brilliancy	-1422 Jul 03 j 00:35	17°♊28'37	-4.5m
max. Earth dist.	-1424 Jan 11 j 16:47	10°♑25'28	1.71769 AU		-1422 Jul 21 j 23:21	0°♈	
	-1424 Jan 27 j 09:41	0°♒		morning max el	-1422 Aug 06 j 22:58	14°♈23'57	46°09'06
evening rise	-1424 Feb 16 j 12:48	24°♒58'54			-1422 Aug 22 j 04:46	0°♎	
	-1424 Feb 20 j 14:09	0°♓		asc. node	-1422 Sep 14 j 06:42	25°♎43'23	
	-1424 Mar 15 j 22:55	0°♑			-1422 Sep 17 j 23:10	0°♌	
asc. node	-1424 Mar 29 j 11:37	16°♑32'46			-1422 Oct 13 j 03:05	0°♍	
	-1424 Apr 09 j 13:01	0°♒			-1422 Nov 06 j 13:14	0°♎	
	-1424 May 04 j 09:39	0°♈			-1422 Nov 30 j 16:10	0°♏	
	-1424 May 29 j 15:01	0°♎			-1422 Dec 24 j 17:35	0°♐	
	-1424 Jun 24 j 09:58	0°♌		desc. node	-1421 Jan 03 j 22:01	12°♐41'06	
desc. node	-1424 Jul 19 j 02:33	27°♌38'54			-1421 Jan 17 j 20:05	0°♑	
	-1424 Jul 21 j 06:32	0°♍		morning set	-1421 Feb 10 j 22:29	29°♑53'46	
evening max el	-1424 Aug 12 j 13:48	23°♍05'33	46°41'04		-1421 Feb 11 j 00:30	0°♒	
	-1424 Aug 19 j 20:01	0°♎			-1421 Mar 07 j 06:56	0°♓	
greatest brilliancy	-1424 Sep 21 j 00:46	22°♎40'10	-4.6m				
retrograde	-1424 Oct 01 j 12:28	24°♎42'25		superior conj	-1421 Mar 21 j 11:57	17°♓31'06	-1°-12'00
evening set	-1424 Oct 16 j 21:28	20°♎07'52		minimum elong	-1421 Mar 21 j 20:30	17°♓57'25	1°11'48
inferior conj	-1424 Oct 22 j 02:22	17°♎04'06	-4°-28'-50	max. Earth dist.	-1421 Mar 23 j 07:54	19°♓46'26	1.73297 AU
minimum elong	-1424 Oct 22 j 11:29	16°♎50'14	4°26'16		-1421 Mar 31 j 15:23	0°♑	
min. Earth dist.	-1424 Oct 22 j 10:34	16°♎51'37	0.26430 AU		-1421 Apr 25 j 01:39	0°♒	
morning rise	-1424 Oct 28 j 01:12	13°♎35'31		asc. node	-1421 Apr 26 j 23:34	2°♒20'45	
asc. node	-1424 Nov 09 j 04:03	9°♎34'05		evening rise	-1421 Apr 27 j 14:39	3°♒07'00	
direct	-1424 Nov 11 j 10:41	9°♎27'43		greatest brilliancy	-1421 May 02 j 00:16	8°♒30'35	-3.9m
greatest brilliancy	-1424 Nov 23 j 21:31	12°♎21'13	-4.7m		-1421 May 19 j 13:27	0°♈	
	-1424 Dec 18 j 19:27	0°♏			-1421 Jun 13 j 02:46	0°♎	
morning max el	-1424 Dec 31 j 22:43	12°♏35'53	46°46'52		-1421 Jul 07 j 18:26	0°♌	
	-1423 Jan 17 j 11:28	0°♐			-1421 Aug 01 j 14:23	0°♍	
	-1423 Feb 13 j 04:25	0°♑		desc. node	-1421 Aug 16 j 14:25	17°♍57'20	
desc. node	-1423 Feb 28 j 19:37	18°♑07'33			-1421 Aug 26 j 18:02	0°♎	
	-1423 Mar 10 j 22:35	0°♒			-1421 Sep 21 j 11:54	0°♏	
	-1423 Apr 05 j 06:15	0°♓			-1421 Oct 18 j 14:10	0°♐	
	-1423 Apr 30 j 07:26	0°♑		evening max el	-1421 Oct 25 j 10:41	7°♐07'07	47°28'56
	-1423 May 25 j 03:11	0°♒			-1421 Nov 19 j 17:17	0°♑	
	-1423 Jun 18 j 17:17	0°♈		greatest brilliancy	-1421 Dec 02 j 11:14	7°♑51'28	-4.7m
asc. node	-1423 Jun 21 j 21:18	3°♈53'07		asc. node	-1421 Dec 07 j 16:03	9°♑51'28	
morning set	-1423 Jun 30 j 11:13	14°♈26'20		retrograde	-1421 Dec 15 j 13:25	11°♑05'14	
	-1423 Jul 13 j 01:34	0°♎		evening set	-1421 Dec 31 j 04:15	6°♑10'18	
max. Earth dist.	-1423 Aug 01 j 23:55	24°♎45'44	1.72253 AU	min. Earth dist.	-1420 Jan 04 j 06:51	3°♑41'09	0.27280 AU
				inferior conj	-1420 Jan 05 j 08:49	3°♑00'34	6°26'16
superior conj	-1423 Aug 06 j 02:00	29°♎51'31	1°20'37	minimum elong	-1420 Jan 04 j 23:02	3°♑15'53	6°24'13
minimum elong	-1423 Aug 05 j 20:48	29°♎35'18	1°20'33	morning rise	-1420 Jan 09 j 18:25	0°♑19'35	
	-1423 Aug 06 j 04:43	0°♌			-1420 Jan 10 j 08:02	30°♋	
	-1423 Aug 30 j 04:29	0°♍		direct	-1420 Jan 25 j 22:08	25°♐10'48	
evening rise	-1423 Sep 12 j 21:37	17°♍11'14		greatest brilliancy	-1420 Feb 05 j 11:56	27°♐15'48	-4.6m
	-1423 Sep 23 j 02:59	0°♎			-1420 Feb 11 j 11:42	0°♑	
desc. node	-1423 Oct 11 j 12:21	23°♎02'09		morning max el	-1420 Mar 15 j 06:02	26°♑05'34	46°07'28
	-1423 Oct 17 j 01:59	0°♏			-1420 Mar 19 j 05:43	0°♒	
	-1423 Nov 10 j 02:45	0°♐		desc. node	-1420 Mar 28 j 07:18	9°♒12'55	
	-1423 Dec 04 j 06:54	0°♑			-1420 Apr 16 j 16:30	0°♓	
	-1423 Dec 28 j 17:39	0°♒			-1420 May 13 j 06:37	0°♑	
	-1422 Jan 22 j 17:26	0°♓			-1420 Jun 07 j 23:24	0°♒	
asc. node	-1422 Feb 01 j 13:43	11°♓31'50			-1420 Jul 03 j 01:49	0°♈	
	-1422 Feb 17 j 19:04	0°♑		asc. node	-1420 Jul 19 j 09:11	19°♈48'42	
	-1422 Mar 18 j 07:57	0°♒			-1420 Jul 27 j 16:37	0°♎	
evening max el	-1422 Mar 18 j 22:59	0°♒36'22	45°24'13		-1420 Aug 20 j 22:02	0°♌	
greatest brilliancy	-1422 Apr 22 j 03:26	26°♒47'04	-4.5m	morning set	-1420 Sep 08 j 09:30	23°♌07'09	

Attention, astronomical year style is used: The year -1899 in astronomical counting style is the year 1900 BCE in historical counting style.

evening max el	-1400 Aug 05 j 03:24	15° $\overline{\text{M}}$ 52'13	46°32'36
	-1400 Aug 20 j 15:40	0° $\underline{\text{A}}$	
greatest brilliancy	-1400 Sep 13 j 13:51	15° $\underline{\text{A}}$ 15'09	-4.6m
retrograde	-1400 Sep 24 j 00:39	17° $\underline{\text{A}}$ 16'13	
evening set	-1400 Oct 09 j 18:33	12° $\underline{\text{A}}$ 27'59	
inferior conj	-1400 Oct 14 j 14:29	9° $\underline{\text{A}}$ 37'20	-5°-29'-34
minimum elong	-1400 Oct 15 j 00:50	9° $\underline{\text{A}}$ 21'42	5°26'57
min. Earth dist.	-1400 Oct 15 j 01:55	9° $\underline{\text{A}}$ 20'02	0.26538 AU
morning rise	-1400 Oct 20 j 06:47	6° $\underline{\text{A}}$ 18'27	
direct	-1400 Nov 04 j 00:31	1° $\underline{\text{A}}$ 58'48	
asc. node	-1400 Nov 06 j 10:19	2° $\underline{\text{A}}$ 05'52	
greatest brilliancy	-1400 Nov 16 j 18:28	5° $\underline{\text{A}}$ 01'26	-4.7m
	-1400 Dec 19 j 06:57	0° $\overline{\text{M}}$	
morning max el	-1400 Dec 24 j 17:01	5° $\overline{\text{M}}$ 23'25	46°49'44

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1369 Apr 15 j 19:46	0°𐤆				-1367 Oct 13 j 10:02	0°𐤍		
desc. node	-1369 Apr 20 j 07:31	3°𐤆02'59				-1367 Nov 06 j 12:44	0°𐤇		
morning max el	-1369 May 12 j 12:02	21°𐤆56'28	45°46'58			-1367 Nov 30 j 19:24	0°𐤛		
	-1369 May 20 j 17:30	0°𐤙				-1367 Dec 25 j 10:11	0°𐤝		
	-1369 Jun 17 j 22:24	0°𐤄				-1366 Jan 19 j 17:56	0°𐤆		
	-1369 Jul 14 j 05:24	0°𐤒			asc. node	-1366 Jan 26 j 04:17	7°𐤆23'53		
	-1369 Aug 08 j 11:27	0°𐤌				-1366 Feb 15 j 14:24	0°𐤙		
asc. node	-1369 Aug 11 j 09:30	3°𐤌31'38			evening max el	-1366 Mar 02 j 12:02	15°𐤙14'00	45°36'29	
	-1369 Sep 02 j 00:56	0°𐤒				-1366 Mar 18 j 22:12	0°𐤄		
	-1369 Sep 26 j 03:38	0°𐤎			greatest brilliancy	-1366 Apr 05 j 16:20	11°𐤄43'19	-4.5m	
	-1369 Oct 20 j 00:36	0°𐤏			retrograde	-1366 Apr 20 j 06:29	15°𐤄27'08		
morning set	-1369 Nov 08 j 04:10	24°𐤏08'06			evening set	-1366 May 05 j 13:24	10°𐤄57'52		
	-1369 Nov 12 j 19:53	0°𐤍			inferior conj	-1366 May 11 j 18:17	7°𐤄14'44	1°23'57	
desc. node	-1369 Dec 01 j 00:43	22°𐤍54'46			minimum elong	-1366 May 11 j 21:18	7°𐤄10'00	1°23'05	
	-1369 Dec 06 j 16:01	0°𐤇			min. Earth dist.	-1366 May 12 j 03:52	6°𐤄59'43	0.29034 AU	
					desc. node	-1366 May 17 j 19:28	3°𐤄35'17		
superior conj	-1369 Dec 20 j 04:32	16°𐤇58'11	0°-43'-9		morning rise	-1366 May 18 j 04:52	3°𐤄22'15		
minimum elong	-1369 Dec 19 j 18:16	16°𐤇26'01	0°42'46			-1366 May 25 j 23:38	30°𐤕𐤙		
max. Earth dist.	-1369 Dec 24 j 09:17	22°𐤇13'50	1.71422 AU		direct	-1366 Jun 02 j 11:03	28°𐤙53'51		
	-1369 Dec 30 j 14:12	0°𐤛				-1366 Jun 10 j 05:42	0°𐤄		
	-1368 Jan 23 j 15:05	0°𐤝			greatest brilliancy	-1366 Jun 16 j 12:43	2°𐤄19'02	-4.5m	
evening rise	-1368 Jan 30 j 05:57	8°𐤝13'56			morning max el	-1366 Jul 21 j 12:39	28°𐤄59'57	46°00'19	
	-1368 Feb 16 j 19:35	0°𐤆				-1366 Jul 22 j 13:27	0°𐤒		
	-1368 Mar 12 j 05:01	0°𐤙				-1366 Aug 20 j 01:10	0°𐤌		
asc. node	-1368 Mar 23 j 02:18	13°𐤙17'05			asc. node	-1366 Sep 07 j 21:27	21°𐤌35'55		
	-1368 Apr 05 j 21:01	0°𐤄				-1366 Sep 15 j 00:24	0°𐤒		
	-1368 Apr 30 j 21:31	0°𐤒				-1366 Oct 09 j 19:55	0°𐤎		
	-1368 May 26 j 09:58	0°𐤌				-1366 Nov 03 j 01:46	0°𐤏		
	-1368 Jun 21 j 18:24	0°𐤒				-1366 Nov 27 j 02:11	0°𐤍		
desc. node	-1368 Jul 12 j 17:00	22°𐤒37'57				-1366 Dec 21 j 01:49	0°𐤇		
	-1368 Jul 19 j 21:25	0°𐤎			desc. node	-1366 Dec 28 j 12:30	9°𐤇18'08		
evening max el	-1368 Jul 26 j 08:34	6°𐤎23'36	46°20'34			-1365 Jan 14 j 02:50	0°𐤛		
	-1368 Aug 23 j 20:51	0°𐤏			morning set	-1365 Jan 24 j 11:52	12°𐤛54'55		
greatest brilliancy	-1368 Sep 03 j 16:56	5°𐤏27'17	-4.6m			-1365 Feb 07 j 05:56	0°𐤝		
retrograde	-1368 Sep 13 j 23:05	7°𐤏22'48				-1365 Mar 03 j 11:23	0°𐤆		
evening set	-1368 Sep 30 j 08:15	2°𐤏16'51							
	-1368 Oct 04 j 04:37	30°𐤕𐤎			superior conj	-1365 Mar 05 j 01:31	1°𐤆57'45	-1°-21'-34	
inferior conj	-1368 Oct 04 j 15:07	29°𐤎44'03	-6°-40'-7		minimum elong	-1365 Mar 05 j 06:46	2°𐤆13'58	1°21'32	
minimum elong	-1368 Oct 05 j 01:51	29°𐤎27'44	6°37'49		max. Earth dist.	-1365 Mar 07 j 20:03	5°𐤆23'09	1.72985 AU	
min. Earth dist.	-1368 Oct 05 j 06:05	29°𐤎21'17	0.26711 AU			-1365 Mar 27 j 19:24	0°𐤙		
morning rise	-1368 Oct 09 j 19:06	26°𐤎41'00			evening rise	-1365 Apr 11 j 19:27	18°𐤙25'50		
direct	-1368 Oct 25 j 03:43	22°𐤎03'06			asc. node	-1365 Apr 20 j 14:17	29°𐤙12'02		
asc. node	-1368 Nov 02 j 18:49	23°𐤎28'57				-1365 Apr 21 j 05:57	0°𐤄		
greatest brilliancy	-1368 Nov 07 j 03:26	25°𐤎11'02	-4.7m			-1365 May 15 j 18:56	0°𐤒		
	-1368 Nov 15 j 15:34	0°𐤏				-1365 Jun 09 j 10:32	0°𐤌		
morning max el	-1368 Dec 14 j 20:26	25°𐤏31'38	46°52'29			-1365 Jul 04 j 05:59	0°𐤒		
	-1368 Dec 19 j 04:30	0°𐤍				-1365 Jul 29 j 07:57	0°𐤎		
	-1367 Jan 15 j 11:42	0°𐤇			desc. node	-1365 Aug 10 j 04:58	14°𐤎01'44		
	-1367 Feb 10 j 08:41	0°𐤛				-1365 Aug 23 j 21:25	0°𐤏		
desc. node	-1367 Feb 22 j 10:11	14°𐤛14'12				-1365 Sep 19 j 09:38	0°𐤍		
	-1367 Mar 07 j 16:38	0°𐤝			evening max el	-1365 Oct 08 j 15:12	20°𐤍22'32	47°26'07	
	-1367 Apr 01 j 18:09	0°𐤆				-1365 Oct 18 j 11:59	0°𐤇		
	-1367 Apr 26 j 15:24	0°𐤙			greatest brilliancy	-1365 Nov 16 j 03:56	21°𐤇05'56	-4.7m	
	-1367 May 21 j 08:41	0°𐤄			retrograde	-1365 Nov 28 j 14:43	24°𐤇01'53		
morning set	-1367 Jun 14 j 18:36	29°𐤄51'06			asc. node	-1365 Dec 01 j 06:38	23°𐤇52'57		
	-1367 Jun 14 j 21:30	0°𐤒			evening set	-1365 Dec 13 j 09:16	19°𐤇37'27		
asc. node	-1367 Jun 15 j 11:58	0°𐤒44'24			min. Earth dist.	-1365 Dec 18 j 08:26	16°𐤇40'41	0.26818 AU	
	-1367 Jul 09 j 05:25	0°𐤌			inferior conj	-1365 Dec 19 j 07:05	16°𐤇05'36	4°24'00	
max. Earth dist.	-1367 Jul 16 j 22:38	9°𐤌34'04	1.72658 AU		minimum elong	-1365 Dec 18 j 22:30	16°𐤇18'55	4°21'38	
					morning rise	-1365 Dec 24 j 12:22	12°𐤇58'10		
superior conj	-1367 Jul 21 j 02:45	14°𐤌44'54	1°11'02		direct	-1364 Jan 08 j 15:59	8°𐤇23'14		
minimum elong	-1367 Jul 20 j 18:39	14°𐤌19'45	1°10'50		greatest brilliancy	-1364 Jan 19 j 10:57	10°𐤇33'56	-4.6m	
	-1367 Aug 02 j 08:56	0°𐤒				-1364 Feb 16 j 19:12	0°𐤛		
	-1367 Aug 26 j 09:36	0°𐤎			morning max el	-1364 Feb 27 j 06:01	9°𐤛47'24	46°17'24	
evening rise	-1367 Aug 27 j 00:20	0°𐤎46'02				-1364 Mar 17 j 21:50	0°𐤝		
	-1367 Sep 19 j 09:25	0°𐤏			desc. node	-1364 Mar 21 j 22:02	4°𐤝18'44		
desc. node	-1367 Oct 05 j 03:00	19°𐤏39'08				-1364 Apr 14 j 01:01	0°𐤆		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1329 Jun 15 j 22:39	0°♄			-1326 Feb 14 j 12:37	0°♅	
	-1329 Jul 11 j 21:15	0°♅		evening max el	-1326 Feb 18 j 19:57	4°♅17'25	45°47'35
	-1329 Aug 05 j 23:09	0°♄			-1326 Mar 23 j 00:23	0°♄	
asc. node	-1329 Aug 06 j 20:00	1°♄03'16		greatest brilliancy	-1326 Mar 25 j 02:36	1°♄03'39	-4.5m
	-1329 Aug 30 j 10:27	0°♄		retrograde	-1326 Apr 08 j 18:46	4°♄49'37	
	-1329 Sep 23 j 12:03	0°♅		evening set	-1326 Apr 24 j 09:18	0°♄08'07	
	-1329 Oct 17 j 08:33	0°♄			-1326 Apr 24 j 15:03	30°♅	
morning set	-1329 Oct 26 j 10:22	11°♄26'23		inferior conj	-1326 Apr 30 j 05:43	26°♅34'55	2°57'11
	-1329 Nov 10 j 03:40	0°♅		minimum elong	-1326 Apr 30 j 11:45	26°♅25'24	2°55'33
desc. node	-1329 Nov 26 j 11:08	20°♅32'23		min. Earth dist.	-1326 Apr 30 j 14:36	26°♅20'55	0.29080 AU
	-1329 Dec 03 j 23:41	0°♄		morning rise	-1326 May 06 j 14:11	22°♅44'41	
				desc. node	-1326 May 13 j 05:49	19°♅43'24	
superior conj	-1329 Dec 07 j 03:09	3°♄57'04	0°-24'-51	direct	-1326 May 21 j 23:22	18°♅13'42	
minimum elong	-1329 Dec 06 j 20:34	3°♄36'25	0°24'35				
max. Earth dist.	-1329 Dec 10 j 16:02	8°♄23'40	1.71222 AU	greatest brilliancy	-1326 Jun 04 j 14:52	21°♅28'40	-4.5m
	-1329 Dec 27 j 21:41	0°♄			-1326 Jun 18 j 18:17	0°♄	
evening rise	-1328 Jan 17 j 16:27	25°♄57'14		morning max el	-1326 Jul 09 j 21:40	18°♄10'50	45°54'45
	-1328 Jan 20 j 22:26	0°♅			-1326 Jul 21 j 17:36	0°♅	
	-1328 Feb 14 j 03:06	0°♄			-1326 Aug 18 j 04:17	0°♄	
	-1328 Mar 09 j 13:21	0°♅		asc. node	-1326 Sep 03 j 07:52	18°♄46'01	
asc. node	-1328 Mar 18 j 12:41	10°♅55'51			-1326 Sep 12 j 18:15	0°♄	
	-1328 Apr 03 j 07:09	0°♄			-1326 Oct 07 j 09:26	0°♅	
	-1328 Apr 28 j 11:08	0°♅			-1326 Oct 31 j 12:59	0°♄	
	-1328 May 24 j 06:08	0°♄			-1326 Nov 24 j 11:56	0°♅	
	-1328 Jun 20 j 03:57	0°♄		desc. node	-1326 Dec 18 j 10:28	0°♄	
desc. node	-1328 Jul 08 j 03:33	18°♄45'28			-1326 Dec 23 j 23:01	6°♄54'35	
evening max el	-1328 Jul 14 j 02:07	24°♄35'42	46°06'28	morning set	-1325 Jan 11 j 10:35	0°♄	
	-1328 Jul 19 j 19:50	0°♅			-1325 Jan 11 j 19:09	0°♄26'43	
					-1325 Feb 04 j 12:58	0°♅	
greatest brilliancy	-1328 Aug 22 j 02:09	23°♅13'41	-4.6m				
retrograde	-1328 Sep 01 j 12:06	25°♅11'30		superior conj	-1325 Feb 21 j 02:27	20°♅32'25	-1°-24'-38
evening set	-1328 Sep 18 j 14:05	19°♅40'28		minimum elong	-1325 Feb 21 j 03:54	20°♅36'56	1°24'40
inferior conj	-1328 Sep 22 j 05:11	17°♅30'21	-7°-47'-56	max. Earth dist.	-1325 Feb 24 j 14:59	24°♅54'01	1.72729 AU
minimum elong	-1328 Sep 22 j 14:33	17°♅16'09	7°46'31		-1325 Feb 28 j 17:55	0°♄	
min. Earth dist.	-1328 Sep 22 j 21:53	17°♅05'02	0.26982 AU		-1325 Mar 25 j 01:44	0°♅	
morning rise	-1328 Sep 26 j 14:48	14°♅53'31		evening rise	-1325 Mar 31 j 08:37	7°♅43'45	
direct	-1328 Oct 12 j 22:16	9°♅44'59		asc. node	-1325 Apr 16 j 00:43	26°♅56'53	
greatest brilliancy	-1328 Oct 26 j 05:58	13°♅03'15	-4.7m		-1325 Apr 18 j 12:34	0°♄	
asc. node	-1328 Oct 29 j 05:12	14°♅33'30			-1325 May 13 j 02:35	0°♅	
	-1328 Nov 18 j 21:12	0°♄			-1325 Jun 06 j 20:14	0°♄	
morning max el	-1328 Dec 02 j 18:35	13°♄26'38	46°54'40		-1325 Jul 01 j 19:07	0°♄	
	-1328 Dec 18 j 07:48	0°♅			-1325 Jul 27 j 02:34	0°♅	
	-1327 Jan 13 j 17:07	0°♄		desc. node	-1325 Aug 05 j 15:20	11°♅08'01	
	-1327 Feb 08 j 04:18	0°♄			-1325 Aug 22 j 01:31	0°♄	
desc. node	-1327 Feb 17 j 20:34	11°♄31'53			-1325 Sep 18 j 09:49	0°♅	
	-1327 Mar 05 j 06:42	0°♅		evening max el	-1325 Sep 26 j 14:48	8°♅25'38	47°20'01
	-1327 Mar 30 j 04:43	0°♄			-1325 Oct 20 j 15:23	0°♄	
	-1327 Apr 23 j 23:42	0°♅		greatest brilliancy	-1325 Nov 04 j 10:52	8°♄58'47	-4.7m
	-1327 May 18 j 15:35	0°♄		retrograde	-1325 Nov 16 j 08:34	11°♄38'55	
morning set	-1327 Jun 03 j 15:09	19°♄32'39		asc. node	-1325 Nov 26 j 17:12	9°♄26'38	
asc. node	-1327 Jun 10 j 22:29	28°♄30'21		evening set	-1325 Nov 30 j 19:17	7°♄28'16	
	-1327 Jun 12 j 03:40	0°♅		min. Earth dist.	-1325 Dec 06 j 06:00	4°♄15'45	0.26552 AU
max. Earth dist.	-1327 Jul 05 j 21:37	29°♅17'11	1.72924 AU	inferior conj	-1325 Dec 06 j 23:17	3°♄49'04	2°36'20
	-1327 Jul 06 j 11:27	0°♄		minimum elong	-1325 Dec 06 j 17:40	3°♄57'44	2°34'35
				morning rise	-1325 Dec 12 j 16:34	0°♄25'41	
superior conj	-1327 Jul 09 j 20:04	4°♄09'33	1°01'12		-1325 Dec 13 j 11:47	30°♅	
minimum elong	-1327 Jul 09 j 11:22	3°♄42'36	1°00'56	direct	-1325 Dec 27 j 06:17	26°♅11'20	
	-1327 Jul 30 j 15:22	0°♄		greatest brilliancy	-1324 Jan 07 j 06:51	28°♅27'24	-4.6m
evening rise	-1327 Aug 15 j 05:39	19°♄26'01			-1324 Jan 10 j 18:36	0°♄	
	-1327 Aug 23 j 16:52	0°♅		morning max el	-1324 Feb 14 j 23:49	27°♄55'45	46°24'46
	-1327 Sep 16 j 17:48	0°♄			-1324 Feb 17 j 02:01	0°♄	
desc. node	-1327 Sep 30 j 13:19	17°♄13'18			-1324 Mar 16 j 10:04	0°♅	
	-1327 Oct 10 j 19:44	0°♅		desc. node	-1324 Mar 17 j 08:25	1°♅01'52	
	-1327 Nov 04 j 00:01	0°♄			-1324 Apr 11 j 22:41	0°♄	
	-1327 Nov 28 j 08:57	0°♄			-1324 May 07 j 16:15	0°♅	
	-1327 Dec 23 j 03:38	0°♅			-1324 Jun 01 j 22:02	0°♄	
	-1326 Jan 17 j 19:21	0°♄			-1324 Jun 26 j 18:17	0°♅	
asc. node	-1326 Jan 21 j 14:47	4°♄18'44		asc. node	-1324 Jul 08 j 10:16	14°♅14'29	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1324 Jul 21 j 05:50	0°☿		retrograde	-1321 Jan 27 j 04:14	25°≈09'55	
morning set	-1324 Aug 10 j 22:05	25°☿38'26		evening set	-1321 Feb 13 j 23:58	18°≈56'43	
	-1324 Aug 14 j 09:59	0°♌		min. Earth dist.	-1321 Feb 16 j 17:51	17°≈13'21	0.28460 AU
	-1324 Sep 07 j 08:58	0°♍		inferior conj	-1321 Feb 17 j 07:53	16°≈51'05	8°31'20
max. Earth dist.	-1324 Sep 15 j 16:02	10°♍25'30	1.71338 AU	minimum elong	-1321 Feb 17 j 08:03	16°≈50'48	8°31'19
				morning rise	-1321 Feb 20 j 16:23	14°≈45'05	
superior conj	-1324 Sep 17 j 19:39	13°♍07'47	1°16'24	direct	-1321 Mar 10 j 10:33	8°≈41'36	
minimum elong	-1324 Sep 18 j 03:44	13°♍33'12	1°16'15	greatest brilliancy	-1321 Mar 21 j 16:57	11°≈00'05	-4.5m
	-1324 Oct 01 j 05:29	0°♎		desc. node	-1321 Apr 14 j 20:06	26°≈35'56	
	-1324 Oct 25 j 01:49	0°♏			-1321 Apr 18 j 19:17	0°♐	
evening rise	-1324 Oct 28 j 10:14	4°♏12'38		morning max el	-1321 Apr 28 j 08:52	8°♐47'05	45°49'59
desc. node	-1324 Oct 28 j 01:22	3°♏44'48			-1321 May 19 j 07:01	0°♑	
	-1324 Nov 17 j 23:25	0°♐			-1321 Jun 15 j 12:25	0°♒	
	-1324 Dec 11 j 23:24	0°♑			-1321 Jul 11 j 09:34	0°♓	
	-1323 Jan 05 j 03:25	0°≈			-1321 Aug 05 j 10:45	0°☿	
	-1323 Jan 29 j 14:41	0°♐		asc. node	-1321 Aug 05 j 22:06	0°☿34'27	
asc. node	-1323 Feb 18 j 02:47	23°♐28'51			-1321 Aug 29 j 21:42	0°♌	
	-1323 Feb 23 j 14:35	0°♑			-1321 Sep 22 j 23:08	0°♍	
	-1323 Mar 21 j 12:07	0°♒			-1321 Oct 16 j 19:35	0°♎	
	-1323 Apr 18 j 03:43	0°♓		morning set	-1321 Oct 23 j 21:39	8°♎55'56	
evening max el	-1323 Apr 30 j 09:26	12°♓09'25	45°14'35		-1321 Nov 09 j 14:42	0°♏	
	-1323 May 21 j 06:23	0°☿		desc. node	-1321 Nov 25 j 13:14	20°♏04'25	
greatest brilliancy	-1323 Jun 04 j 21:15	8°☿38'11	-4.5m		-1321 Dec 03 j 10:41	0°♐	
desc. node	-1323 Jun 09 j 17:49	10°☿22'48					
retrograde	-1323 Jun 17 j 20:54	11°☿35'11		superior conj	-1321 Dec 04 j 12:06	1°♐19'50	0°-20'-58
evening set	-1323 Jul 03 j 16:33	6°☿51'14		minimum elong	-1321 Dec 04 j 06:29	1°♐02'12	0°20'43
inferior conj	-1323 Jul 09 j 04:46	3°☿35'10	-6°-14'-26	max. Earth dist.	-1321 Dec 08 j 01:39	5°♐48'36	1.71187 AU
minimum elong	-1323 Jul 08 j 18:36	3°☿50'47	6°12'19		-1321 Dec 27 j 08:39	0°♑	
min. Earth dist.	-1323 Jul 09 j 11:01	3°☿25'34	0.28504 AU	evening rise	-1320 Jan 15 j 03:31	23°♑28'01	
morning rise	-1323 Jul 13 j 20:16	0°☿47'10			-1320 Jan 20 j 09:25	0°≈	
	-1323 Jul 15 j 05:43	30°♒♓			-1320 Feb 13 j 14:10	0°♐	
direct	-1323 Jul 30 j 16:44	25°♓24'22			-1320 Mar 09 j 00:36	0°♑	
greatest brilliancy	-1323 Aug 14 j 07:04	29°♓08'51	-4.6m	asc. node	-1320 Mar 17 j 14:53	10°♑28'04	
	-1323 Aug 15 j 23:56	0°☿			-1320 Apr 02 j 18:47	0°♒	
morning max el	-1323 Sep 18 j 18:28	27°☿17'25	46°33'39		-1320 Apr 27 j 23:30	0°♓	
	-1323 Sep 21 j 10:51	0°♌			-1320 May 23 j 19:57	0°☿	
asc. node	-1323 Sep 30 j 19:40	9°♌49'54			-1320 Jun 19 j 20:58	0°♌	
	-1323 Oct 18 j 21:24	0°♍		desc. node	-1320 Jul 07 j 05:32	17°♌57'04	
	-1323 Nov 13 j 07:15	0°♎		evening max el	-1320 Jul 11 j 15:49	22°♌16'44	46°03'37
	-1323 Dec 07 j 22:47	0°♏			-1320 Jul 19 j 22:55	0°♍	
desc. node	-1322 Jan 01 j 08:01	0°♐		greatest brilliancy	-1320 Aug 19 j 14:30	20°♍49'55	-4.6m
	-1322 Jan 20 j 10:45	23°♐33'50		retrograde	-1320 Aug 30 j 00:01	22°♍46'58	
	-1322 Jan 25 j 16:03	0°♑		evening set	-1320 Sep 16 j 05:42	17°♍11'48	
	-1322 Feb 19 j 00:39	0°≈		inferior conj	-1320 Sep 19 j 17:56	15°♍05'34	-7°-58'-39
	-1322 Mar 15 j 10:11	0°♐		minimum elong	-1320 Sep 20 j 02:46	14°♍52'09	7°57'25
morning set	-1322 Mar 25 j 20:09	12°♐47'31		min. Earth dist.	-1320 Sep 20 j 10:48	14°♍39'56	0.27040 AU
	-1322 Apr 08 j 20:33	0°♑		morning rise	-1320 Sep 23 j 23:36	12°♍33'59	
max. Earth dist.	-1322 May 01 j 01:08	27°♑13'54	1.73688 AU	direct	-1320 Oct 10 j 11:41	7°♍19'27	
				greatest brilliancy	-1320 Oct 23 j 20:15	10°♍37'56	-4.7m
superior conj	-1322 May 01 j 14:59	27°♑56'24	0°-27'-35	asc. node	-1320 Oct 28 j 07:26	12°♍59'02	
minimum elong	-1322 May 01 j 20:21	28°♑12'51	0°27'20		-1320 Nov 19 j 02:36	0°♎	
	-1322 May 03 j 07:16	0°♒		morning max el	-1320 Nov 30 j 07:25	10°♎58'43	46°54'46
asc. node	-1322 May 13 j 12:43	12°♒33'14			-1320 Dec 18 j 01:59	0°♏	
	-1322 May 27 j 17:36	0°♓			-1319 Jan 13 j 07:54	0°♐	
evening rise	-1322 Jun 06 j 14:34	12°♓08'21			-1319 Feb 07 j 17:27	0°♑	
	-1322 Jun 21 j 03:04	0°☿		desc. node	-1319 Feb 16 j 22:42	11°♑00'12	
	-1322 Jul 15 j 12:04	0°♌			-1319 Mar 04 j 18:52	0°≈	
	-1322 Aug 08 j 21:54	0°♍			-1319 Mar 29 j 16:17	0°♐	
desc. node	-1322 Sep 02 j 03:24	29°♍38'39			-1319 Apr 23 j 10:51	0°♑	
	-1322 Sep 02 j 10:25	0°♎			-1319 May 18 j 02:28	0°♒	
	-1322 Sep 27 j 03:59	0°♏		morning set	-1319 Jun 01 j 09:49	17°♒29'45	
	-1322 Oct 22 j 06:57	0°♐		asc. node	-1319 Jun 10 j 00:30	28°♒03'35	
	-1322 Nov 17 j 07:01	0°♑			-1319 Jun 11 j 14:24	0°♓	
evening max el	-1322 Dec 07 j 07:18	21°♑32'37	47°07'42	max. Earth dist.	-1319 Jul 03 j 15:31	27°♓11'00	1.72972 AU
	-1322 Dec 15 j 20:26	0°≈			-1319 Jul 05 j 22:09	0°☿	
asc. node	-1322 Dec 24 j 05:01	7°≈37'09					
greatest brilliancy	-1321 Jan 12 j 22:23	21°≈25'49	-4.6m	superior conj	-1319 Jul 07 j 14:25	2°☿04'37	0°59'00

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1314 Jun 20 j 14:13	0°☿		desc. node	-1311 Feb 16 j 00:49	10°☿27'54	
	-1314 Jul 14 j 23:30	0°♌			-1311 Mar 04 j 07:12	0°♌	
	-1314 Aug 08 j 09:46	0°♍			-1311 Mar 29 j 03:59	0°♍	
desc. node	-1314 Sep 01 j 05:34	29°♍07'14			-1311 Apr 22 j 22:09	0°♍	
	-1314 Sep 01 j 22:54	0°♎			-1311 May 17 j 13:31	0°♎	
	-1314 Sep 26 j 17:20	0°♏		morning set	-1311 May 30 j 04:36	15°♏26'43	
	-1314 Oct 21 j 21:40	0°♐		asc. node	-1311 Jun 09 j 02:35	27°♐36'26	
	-1314 Nov 17 j 00:29	0°♑			-1311 Jun 11 j 01:20	0°♑	
evening max el	-1314 Dec 04 j 23:40	19°♑15'48	47°09'55	max. Earth dist.	-1311 Jul 01 j 10:35	25°♑07'46	1.73027 AU
	-1314 Dec 15 j 22:45	0°♒					
asc. node	-1314 Dec 23 j 07:08	6°♒32'47		superior conj	-1311 Jul 05 j 08:48	29°♒59'05	0°56'43
greatest brilliancy	-1313 Jan 10 j 16:15	19°♒12'05	-4.6m	minimum elong	-1311 Jul 05 j 00:11	29°♒32'25	0°56'25
retrograde	-1313 Jan 24 j 20:49	22°♒54'04			-1311 Jul 05 j 09:06	0°♒	
evening set	-1313 Feb 11 j 15:15	16°♒42'13			-1311 Jul 29 j 13:12	0°♌	
inferior conj	-1313 Feb 14 j 23:38	14°♒35'39	8°31'43	evening rise	-1311 Aug 10 j 14:19	15°♌00'00	
minimum elong	-1313 Feb 14 j 23:04	14°♒36'34	8°31'41		-1311 Aug 22 j 15:04	0°♍	
min. Earth dist.	-1313 Feb 14 j 08:07	15°♒00'19	0.28402 AU		-1311 Sep 15 j 16:30	0°♎	
morning rise	-1313 Feb 18 j 07:11	12°♒31'09		desc. node	-1311 Sep 28 j 17:31	16°♎14'42	
direct	-1313 Mar 08 j 02:10	6°♒27'27			-1311 Oct 09 j 19:02	0°♏	
greatest brilliancy	-1313 Mar 19 j 04:44	8°♒42'39	-4.5m		-1311 Nov 03 j 00:06	0°♐	
desc. node	-1313 Apr 13 j 22:12	25°♒36'18			-1311 Nov 27 j 10:09	0°♑	
	-1313 Apr 18 j 22:22	0°♒			-1311 Dec 22 j 06:43	0°♒	
morning max el	-1313 Apr 26 j 00:28	6°♒35'15	45°50'26		-1310 Jan 17 j 02:21	0°♒	
	-1313 May 19 j 00:04	0°♓		asc. node	-1310 Jan 19 j 19:04	3°♓01'39	
	-1313 Jun 15 j 02:27	0°♈		evening max el	-1310 Feb 14 j 00:38	29°♈44'56	45°52'34
	-1313 Jul 10 j 22:14	0°♉			-1310 Feb 14 j 06:46	0°♓	
	-1313 Aug 04 j 22:42	0°♊		greatest brilliancy	-1310 Mar 20 j 10:44	26°♓45'28	-4.5m
asc. node	-1313 Aug 05 j 00:18	0°♊04'54			-1310 Mar 29 j 15:54	0°♈	
	-1313 Aug 29 j 09:16	0°♌		retrograde	-1310 Apr 04 j 03:41	0°♈34'24	
	-1313 Sep 22 j 10:32	0°♍			-1310 Apr 09 j 12:21	30°♈♓	
	-1313 Oct 16 j 06:57	0°♎		evening set	-1310 Apr 19 j 22:49	25°♓46'21	
morning set	-1313 Oct 21 j 08:50	6°♎24'11		inferior conj	-1310 Apr 25 j 15:17	22°♓18'55	3°32'48
	-1313 Nov 09 j 02:02	0°♏		minimum elong	-1310 Apr 25 j 22:19	22°♓07'50	3°30'57
desc. node	-1313 Nov 24 j 15:12	19°♏35'03		min. Earth dist.	-1310 Apr 26 j 00:38	22°♓04'11	0.29090 AU
				morning rise	-1310 May 01 j 21:39	18°♓31'00	
superior conj	-1313 Dec 01 j 21:06	28°♏41'45	0°-17'-1	desc. node	-1310 May 11 j 09:52	14°♓38'16	
minimum elong	-1313 Dec 01 j 16:29	28°♏27'18	0°16'50	direct	-1310 May 17 j 07:20	13°♓57'14	
	-1313 Dec 02 j 21:59	0°♐		greatest brilliancy	-1310 May 30 j 22:10	17°♓10'12	-4.5m
max. Earth dist.	-1313 Dec 05 j 09:00	3°♐05'22	1.71149 AU		-1310 Jun 19 j 16:22	0°♈	
	-1313 Dec 26 j 19:55	0°♑		morning max el	-1310 Jul 05 j 04:43	13°♈48'04	45°53'07
evening rise	-1312 Jan 12 j 14:36	20°♑57'53			-1310 Jul 21 j 05:55	0°♉	
	-1312 Jan 19 j 20:39	0°♒			-1310 Aug 17 j 09:05	0°♊	
	-1312 Feb 13 j 01:27	0°♓		asc. node	-1310 Sep 01 j 12:06	17°♊39'31	
	-1312 Mar 08 j 12:04	0°♈			-1310 Sep 11 j 20:02	0°♌	
asc. node	-1312 Mar 16 j 16:58	9°♈59'16			-1310 Oct 06 j 09:46	0°♍	
	-1312 Apr 02 j 06:40	0°♉			-1310 Oct 30 j 12:30	0°♎	
	-1312 Apr 27 j 12:13	0°♊			-1310 Nov 23 j 10:58	0°♏	
	-1312 May 23 j 10:17	0°♋			-1310 Dec 17 j 09:10	0°♐	
	-1312 Jun 19 j 14:47	0°♌		desc. node	-1310 Dec 22 j 03:08	5°♐56'41	
desc. node	-1312 Jul 06 j 07:43	17°♌07'04		morning set	-1309 Jan 06 j 15:39	25°♐21'03	
evening max el	-1312 Jul 09 j 04:40	19°♌54'33	46°00'45		-1309 Jan 10 j 09:01	0°♑	
	-1312 Jul 20 j 04:21	0°♍			-1309 Feb 03 j 11:10	0°♒	
greatest brilliancy	-1312 Aug 17 j 03:22	18°♍25'32	-4.6m				
retrograde	-1312 Aug 27 j 11:36	20°♍21'30		superior conj	-1309 Feb 16 j 06:03	15°♍52'21	-1°-24'-51
evening set	-1312 Sep 13 j 21:07	14°♍42'18		minimum elong	-1309 Feb 16 j 05:44	15°♍51'22	1°24'54
inferior conj	-1312 Sep 17 j 06:41	12°♍39'55	-8°-8'-24	max. Earth dist.	-1309 Feb 19 j 19:06	20°♍15'48	1.72615 AU
minimum elong	-1312 Sep 17 j 14:54	12°♍27'23	8°07'21		-1309 Feb 27 j 15:55	0°♍	
min. Earth dist.	-1312 Sep 18 j 00:02	12°♍13'30	0.27098 AU		-1309 Mar 23 j 23:38	0°♎	
morning rise	-1312 Sep 21 j 08:26	10°♍13'34		evening rise	-1309 Mar 26 j 17:15	3°♎21'40	
direct	-1312 Oct 08 j 00:36	4°♍52'45		asc. node	-1309 Apr 14 j 04:52	26°♎02'08	
greatest brilliancy	-1312 Oct 21 j 11:16	8°♍12'36	-4.7m		-1309 Apr 17 j 10:38	0°♏	
asc. node	-1312 Oct 27 j 09:26	11°♍26'34			-1309 May 12 j 01:08	0°♑	
	-1312 Nov 19 j 06:34	0°♎			-1309 Jun 05 j 19:43	0°♒	
morning max el	-1312 Nov 27 j 19:49	8°♎28'43	46°54'56		-1309 Jun 30 j 20:06	0°♌	
	-1312 Dec 17 j 20:03	0°♏			-1309 Jul 26 j 06:03	0°♍	
	-1311 Jan 12 j 22:47	0°♐		desc. node	-1309 Aug 03 j 19:34	9°♐56'54	
	-1311 Feb 07 j 06:44	0°♑			-1309 Aug 21 j 09:33	0°♎	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1294 Sep 10 j 21:27	0°♌			-1291 Apr 17 j 11:19	0°♊		
	-1294 Oct 05 j 09:49	0°♍		evening max el	-1291 Apr 21 j 01:48	3°♊29'15	45°14'15	
	-1294 Oct 29 j 11:49	0°♌		greatest brilliancy	-1291 May 26 j 02:53	29°♊44'15	-4.5m	
	-1294 Nov 22 j 09:50	0°♍			-1291 May 26 j 17:38	0°♋		
	-1294 Dec 16 j 07:45	0°♎		desc. node	-1291 Jun 06 j 02:02	2°♋41'58		
desc. node	-1294 Dec 20 j 07:14	4°♎59'02		retrograde	-1291 Jun 08 j 09:29	2°♋48'01		
morning set	-1293 Jan 01 j 12:05	20°♎15'04			-1291 Jun 20 j 10:43	30°♋		
	-1293 Jan 09 j 07:20	0°♏		evening set	-1291 Jun 23 j 20:19	28°♋17'25		
	-1293 Feb 02 j 09:13	0°♏		inferior conj	-1291 Jun 29 j 18:35	24°♋46'05	-5°-12'-7	
				minimum elong	-1291 Jun 29 j 09:01	25°♋00'53	5°09'50	
superior conj	-1293 Feb 11 j 09:00	11°♏10'10	-1°-24'-29	min. Earth dist.	-1291 Jun 30 j 00:00	24°♋37'42	0.28623 AU	
minimum elong	-1293 Feb 11 j 06:53	11°♏03'34	1°24'30	morning rise	-1291 Jul 04 j 21:21	21°♋40'59		
max. Earth dist.	-1293 Feb 14 j 23:28	15°♏38'18	1.72507 AU	direct	-1291 Jul 21 j 09:17	16°♋33'36		
	-1293 Feb 26 j 13:47	0°♐		greatest brilliancy	-1291 Aug 04 j 19:09	20°♋12'08	-4.5m	
evening rise	-1293 Mar 22 j 01:28	28°♐58'27			-1291 Aug 20 j 02:17	0°♋		
	-1293 Mar 22 j 21:29	0°♑		morning max el	-1291 Sep 09 j 05:18	18°♋04'31	46°27'44	
asc. node	-1293 Apr 12 j 09:07	25°♑07'42			-1291 Sep 20 j 18:24	0°♌		
	-1293 Apr 16 j 08:42	0°♒		asc. node	-1291 Sep 27 j 04:05	6°♌56'21		
	-1293 May 10 j 23:46	0°♋			-1291 Oct 17 j 10:36	0°♍		
	-1293 Jun 04 j 19:21	0°♌			-1291 Nov 11 j 13:19	0°♌		
	-1293 Jun 29 j 21:21	0°♌			-1291 Dec 06 j 01:10	0°♍		
	-1293 Jul 25 j 10:01	0°♍			-1291 Dec 30 j 08:07	0°♎		
desc. node	-1293 Aug 01 j 23:44	8°♍44'38		desc. node	-1290 Jan 16 j 19:11	21°♎35'38		
	-1293 Aug 20 j 18:40	0°♎			-1290 Jan 23 j 14:28	0°♏		
evening max el	-1293 Sep 16 j 22:12	28°♎49'22	47°13'26		-1290 Feb 16 j 21:46	0°♏		
	-1293 Sep 18 j 02:40	0°♍			-1290 Mar 13 j 06:22	0°♐		
greatest brilliancy	-1293 Oct 25 j 19:51	29°♍06'58	-4.7m	morning set	-1290 Mar 16 j 13:26	4°♐03'09		
	-1293 Oct 28 j 03:42	0°♎			-1290 Apr 06 j 16:08	0°♑		
retrograde	-1293 Nov 06 j 12:48	1°♎40'54						
	-1293 Nov 15 j 12:38	30°♑		superior conj	-1290 Apr 22 j 15:13	19°♑35'52	0°-39'-9	
evening set	-1293 Nov 20 j 20:19	27°♑33'09		minimum elong	-1290 Apr 22 j 22:27	19°♑58'06	0°38'51	
asc. node	-1293 Nov 23 j 01:26	26°♑18'35		max. Earth dist.	-1290 Apr 22 j 18:13	19°♑45'04	1.73644 AU	
min. Earth dist.	-1293 Nov 26 j 12:33	24°♑13'36	0.26418 AU		-1290 May 01 j 02:36	0°♒		
inferior conj	-1293 Nov 27 j 01:10	23°♑54'19	1°01'50	asc. node	-1290 May 09 j 20:58	10°♒45'42		
minimum elong	-1293 Nov 26 j 22:50	23°♑57'52	1°01'03		-1290 May 25 j 13:04	0°♋		
morning rise	-1293 Dec 03 j 01:54	20°♑22'47		evening rise	-1290 May 28 j 19:35	4°♋01'04		
direct	-1293 Dec 17 j 08:08	16°♑18'29			-1290 Jun 18 j 23:09	0°♌		
greatest brilliancy	-1293 Dec 28 j 14:17	18°♑42'04	-4.6m		-1290 Jul 13 j 09:20	0°♌		
	-1292 Jan 15 j 20:05	0°♎			-1290 Aug 06 j 20:58	0°♍		
morning max el	-1292 Feb 05 j 08:25	18°♎31'33	46°30'34	desc. node	-1290 Aug 29 j 11:49	27°♍33'38		
	-1292 Feb 16 j 14:14	0°♏			-1290 Aug 31 j 12:03	0°♎		
desc. node	-1292 Mar 13 j 16:50	28°♏30'08			-1290 Sep 25 j 09:16	0°♍		
	-1292 Mar 15 j 00:46	0°♏			-1290 Oct 20 j 18:14	0°♎		
	-1292 Apr 10 j 04:29	0°♐			-1290 Nov 16 j 06:51	0°♏		
	-1292 May 05 j 17:21	0°♑		evening max el	-1290 Nov 27 j 20:22	12°♏13'19	47°15'25	
	-1292 May 30 j 20:26	0°♒			-1290 Dec 16 j 16:35	0°♏		
	-1292 Jun 24 j 15:10	0°♋		asc. node	-1290 Dec 20 j 13:26	3°♏08'59		
asc. node	-1292 Jul 04 j 18:36	12°♋23'56		greatest brilliancy	-1289 Jan 03 j 22:45	12°♏28'58	-4.6m	
	-1292 Jul 19 j 01:59	0°♌		retrograde	-1289 Jan 17 j 19:25	16°♏02'50		
morning set	-1292 Aug 01 j 14:55	16°♌46'27		evening set	-1289 Feb 04 j 10:02	9°♏59'07		
	-1292 Aug 12 j 05:53	0°♌		min. Earth dist.	-1289 Feb 07 j 04:09	8°♏15'26	0.28215 AU	
	-1292 Sep 05 j 04:59	0°♍		inferior conj	-1289 Feb 07 j 22:06	7°♏46'52	8°27'55	
max. Earth dist.	-1292 Sep 05 j 07:06	0°♍06'40	1.71514 AU	minimum elong	-1289 Feb 07 j 19:11	7°♏51'30	8°27'45	
				morning rise	-1289 Feb 11 j 04:37	5°♏43'37		
superior conj	-1292 Sep 08 j 03:10	3°♍40'18	1°21'23		-1289 Feb 25 j 01:05	30°♑		
minimum elong	-1292 Sep 08 j 08:27	3°♍56'50	1°21'20	direct	-1289 Feb 28 j 21:44	29°♑42'04		
	-1292 Sep 29 j 01:51	0°♎			-1289 Mar 04 j 20:21	0°♏		
evening rise	-1292 Oct 18 j 02:51	23°♎56'13		greatest brilliancy	-1289 Mar 11 j 20:02	1°♏52'21	-4.5m	
	-1292 Oct 22 j 22:40	0°♍		desc. node	-1289 Apr 11 j 04:28	22°♏45'40		
desc. node	-1292 Oct 24 j 09:41	1°♍49'58			-1289 Apr 18 j 23:28	0°♐		
	-1292 Nov 15 j 20:48	0°♎		morning max el	-1289 Apr 18 j 19:17	29°♏50'00	45°52'43	
	-1292 Dec 09 j 21:20	0°♏			-1289 May 18 j 00:52	0°♑		
	-1291 Jan 03 j 02:15	0°♏			-1289 Jun 13 j 19:09	0°♒		
	-1291 Jan 27 j 15:16	0°♐			-1289 Jul 09 j 11:08	0°♋		
asc. node	-1291 Feb 14 j 11:12	21°♐22'25		asc. node	-1289 Aug 02 j 06:35	28°♋37'49		
	-1291 Feb 21 j 18:38	0°♑			-1289 Aug 03 j 09:36	0°♌		
	-1291 Mar 19 j 23:41	0°♒			-1289 Aug 27 j 19:11	0°♌		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1289 Sep 20 j 20:02	0° $\mathring{\text{M}}$			-1286 Feb 14 j 04:16	0° Υ	
morning set	-1289 Oct 13 j 20:02	28° $\mathring{\text{M}}$ 56'05		greatest brilliancy	-1286 Mar 13 j 10:16	20° Υ 17'24	-4.5m
	-1289 Oct 14 j 16:18	0° $\underline{\text{A}}$		retrograde	-1286 Mar 28 j 07:25	24° Υ 11'14	
	-1289 Nov 07 j 11:21	0° $\mathring{\text{M}}$		evening set	-1286 Apr 13 j 07:40	19° Υ 12'15	
desc. node	-1289 Nov 21 j 21:28	18° $\mathring{\text{M}}$ 09'59		inferior conj	-1286 Apr 18 j 17:25	15° Υ 53'57	4°23'52
				minimum elong	-1286 Apr 19 j 01:39	15° Υ 41'00	4°21'51
superior conj	-1289 Nov 24 j 00:35	20° $\mathring{\text{M}}$ 50'50	0°-5'-3	min. Earth dist.	-1286 Apr 19 j 01:31	15° Υ 41'12	0.29101 AU
minimum elong	-1289 Nov 23 j 23:12	20° $\mathring{\text{M}}$ 46'28	0°05'00	morning rise	-1286 Apr 24 j 19:41	12° Υ 12'16	
behind sun begin	-1289 Nov 22 j 21:22	19° $\mathring{\text{M}}$ 25'11		desc. node	-1286 May 08 j 16:08	7° Υ 35'35	
behind sun end	-1289 Nov 25 j 01:02	22° $\mathring{\text{M}}$ 07'45		direct	-1286 May 10 j 09:19	7° Υ 32'06	
max. Earth dist.	-1289 Nov 26 j 19:08	24° $\mathring{\text{M}}$ 20'05	1.71068 AU	greatest brilliancy	-1286 May 23 j 20:09	10° Υ 42'14	-4.5m
	-1289 Dec 01 j 07:17	0° $\mathring{\text{A}}$			-1286 Jun 20 j 06:46	0° $\mathring{\text{B}}$	
	-1289 Dec 25 j 05:12	0° $\mathring{\text{B}}$		morning max el	-1286 Jun 28 j 07:40	7° $\mathring{\text{B}}$ 25'54	45°50'47
evening rise	-1288 Jan 04 j 22:36	13° $\mathring{\text{B}}$ 24'30			-1286 Jul 20 j 09:12	0° $\mathring{\text{H}}$	
	-1288 Jan 18 j 06:00	0° \approx			-1286 Aug 16 j 02:58	0° $\mathring{\text{D}}$	
	-1288 Feb 11 j 11:02	0° $\mathring{\text{H}}$		asc. node	-1286 Aug 29 j 18:23	16° $\mathring{\text{D}}$ 01'45	
	-1288 Mar 06 j 22:16	0° Υ			-1286 Sep 10 j 09:56	0° $\mathring{\text{O}}$	
asc. node	-1288 Mar 13 j 23:15	8° Υ 33'32			-1286 Oct 04 j 21:40	0° $\mathring{\text{M}}$	
	-1288 Mar 31 j 18:11	0° $\mathring{\text{B}}$			-1286 Oct 28 j 23:19	0° $\underline{\text{A}}$	
	-1288 Apr 26 j 02:22	0° $\mathring{\text{H}}$			-1286 Nov 21 j 21:07	0° $\mathring{\text{M}}$	
	-1288 May 22 j 05:39	0° $\mathring{\text{D}}$			-1286 Dec 15 j 18:52	0° $\mathring{\text{A}}$	
	-1288 Jun 18 j 22:10	0° $\mathring{\text{O}}$		desc. node	-1286 Dec 19 j 09:25	4° $\mathring{\text{A}}$ 31'10	
evening max el	-1288 Jul 01 j 18:36	12° $\mathring{\text{O}}$ 50'07	45°52'58	morning set	-1286 Dec 29 j 22:02	17° $\mathring{\text{A}}$ 41'39	
desc. node	-1288 Jul 03 j 14:00	14° $\mathring{\text{O}}$ 33'32			-1285 Jan 08 j 18:20	0° $\mathring{\text{B}}$	
	-1288 Jul 21 j 10:26	0° $\mathring{\text{M}}$			-1285 Feb 01 j 20:06	0° \approx	
greatest brilliancy	-1288 Aug 09 j 13:02	11° $\mathring{\text{M}}$ 12'01	-4.6m				
retrograde	-1288 Aug 20 j 00:42	13° $\mathring{\text{M}}$ 11'44		superior conj	-1285 Feb 08 j 22:00	8° \approx 47'46	-1°-24'-4
evening set	-1288 Sep 06 j 18:23	7° $\mathring{\text{M}}$ 20'31		minimum elong	-1285 Feb 08 j 18:56	8° \approx 38'17	1°24'05
inferior conj	-1288 Sep 09 j 21:31	5° $\mathring{\text{M}}$ 28'01	-8°-31'-24	max. Earth dist.	-1285 Feb 12 j 15:44	13° \approx 26'17	1.72454 AU
minimum elong	-1288 Sep 10 j 03:38	5° $\mathring{\text{M}}$ 18'44	8°30'52		-1285 Feb 26 j 00:35	0° $\mathring{\text{H}}$	
min. Earth dist.	-1288 Sep 10 j 15:12	5° $\mathring{\text{M}}$ 01'10	0.27283 AU	evening rise	-1285 Mar 19 j 17:15	26° $\mathring{\text{H}}$ 46'10	
morning rise	-1288 Sep 13 j 12:37	3° $\mathring{\text{M}}$ 17'25			-1285 Mar 22 j 08:17	0° Υ	
	-1288 Sep 19 j 21:30	30° $\mathring{\text{R}}$ $\mathring{\text{O}}$		asc. node	-1285 Apr 11 j 11:09	24° Υ 40'39	
direct	-1288 Sep 30 j 17:01	27° $\mathring{\text{O}}$ 37'15			-1285 Apr 15 j 19:37	0° $\mathring{\text{B}}$	
	-1288 Oct 11 j 23:25	0° $\mathring{\text{M}}$			-1285 May 10 j 10:56	0° $\mathring{\text{H}}$	
greatest brilliancy	-1288 Oct 14 j 11:49	1° $\mathring{\text{M}}$ 06'15	-4.7m		-1285 Jun 04 j 07:00	0° $\mathring{\text{D}}$	
asc. node	-1288 Oct 24 j 15:43	7° $\mathring{\text{M}}$ 11'24			-1285 Jun 29 j 09:51	0° $\mathring{\text{O}}$	
	-1288 Nov 19 j 08:55	0° $\underline{\text{A}}$			-1285 Jul 25 j 00:00	0° $\mathring{\text{M}}$	
morning max el	-1288 Nov 20 j 13:17	1° $\underline{\text{A}}$ 12'18	46°55'07	desc. node	-1285 Aug 01 j 01:50	8° $\mathring{\text{M}}$ 08'44	
	-1288 Dec 16 j 23:14	0° $\mathring{\text{M}}$			-1285 Aug 20 j 11:32	0° $\underline{\text{A}}$	
	-1287 Jan 11 j 17:47	0° $\mathring{\text{A}}$		evening max el	-1285 Sep 14 j 12:44	26° $\underline{\text{A}}$ 27'35	47°11'19
	-1287 Feb 05 j 21:33	0° $\mathring{\text{B}}$			-1285 Sep 18 j 03:10	0° $\mathring{\text{M}}$	
desc. node	-1287 Feb 13 j 07:03	8° $\mathring{\text{B}}$ 53'02		greatest brilliancy	-1285 Oct 23 j 10:47	26° $\mathring{\text{M}}$ 40'01	-4.7m
	-1287 Mar 02 j 19:29	0° \approx		retrograde	-1285 Nov 04 j 01:17	29° $\mathring{\text{M}}$ 10'44	
	-1287 Mar 27 j 14:34	0° $\mathring{\text{H}}$		evening set	-1285 Nov 18 j 09:00	25° $\mathring{\text{M}}$ 03'36	
	-1287 Apr 21 j 07:33	0° Υ		asc. node	-1285 Nov 22 j 03:36	22° $\mathring{\text{M}}$ 53'23	
	-1287 May 15 j 22:09	0° $\mathring{\text{B}}$		min. Earth dist.	-1285 Nov 24 j 02:11	21° $\mathring{\text{M}}$ 42'28	0.26389 AU
morning set	-1287 May 23 j 12:28	9° $\mathring{\text{B}}$ 17'24		inferior conj	-1285 Nov 24 j 13:23	21° $\mathring{\text{M}}$ 25'18	0°37'24
asc. node	-1287 Jun 06 j 08:53	26° $\mathring{\text{B}}$ 16'35		minimum elong	-1285 Nov 24 j 11:58	21° $\mathring{\text{M}}$ 27'27	0°36'56
	-1287 Jun 09 j 09:37	0° $\mathring{\text{H}}$		morning rise	-1285 Nov 30 j 15:27	17° $\mathring{\text{M}}$ 52'00	
max. Earth dist.	-1287 Jun 25 j 03:23	19° $\mathring{\text{H}}$ 23'19	1.73167 AU	direct	-1285 Dec 14 j 20:36	13° $\mathring{\text{M}}$ 50'13	
				greatest brilliancy	-1285 Dec 26 j 03:30	16° $\mathring{\text{M}}$ 14'34	-4.7m
superior conj	-1287 Jun 28 j 15:55	23° $\mathring{\text{H}}$ 44'24	0°49'25		-1284 Jan 16 j 08:57	0° $\mathring{\text{A}}$	
minimum elong	-1287 Jun 28 j 07:46	23° $\mathring{\text{H}}$ 19'12	0°49'06	morning max el	-1284 Feb 02 j 21:07	16° $\mathring{\text{A}}$ 06'54	46°31'53
	-1287 Jul 03 j 17:25	0° $\mathring{\text{D}}$			-1284 Feb 16 j 09:27	0° $\mathring{\text{B}}$	
	-1287 Jul 27 j 21:52	0° $\mathring{\text{O}}$		desc. node	-1284 Mar 12 j 18:53	27° $\mathring{\text{B}}$ 53'27	
evening rise	-1287 Aug 03 j 16:46	8° $\mathring{\text{O}}$ 26'35			-1284 Mar 14 j 15:41	0° \approx	
	-1287 Aug 21 j 00:18	0° $\mathring{\text{M}}$			-1284 Apr 09 j 17:28	0° $\mathring{\text{H}}$	
	-1287 Sep 14 j 02:28	0° $\underline{\text{A}}$			-1284 May 05 j 05:18	0° Υ	
desc. node	-1287 Sep 25 j 23:46	14° $\underline{\text{A}}$ 46'54			-1284 May 30 j 07:47	0° $\mathring{\text{B}}$	
	-1287 Oct 08 j 05:57	0° $\mathring{\text{M}}$			-1284 Jun 24 j 02:09	0° $\mathring{\text{H}}$	
	-1287 Nov 01 j 12:16	0° $\mathring{\text{A}}$		asc. node	-1284 Jul 03 j 20:50	11° $\mathring{\text{H}}$ 57'28	
	-1287 Nov 26 j 00:08	0° $\mathring{\text{B}}$			-1284 Jul 18 j 12:46	0° $\mathring{\text{D}}$	
	-1287 Dec 20 j 23:51	0° \approx		morning set	-1284 Jul 30 j 07:32	14° $\mathring{\text{D}}$ 35'35	
	-1286 Jan 16 j 02:18	0° $\mathring{\text{H}}$			-1284 Aug 11 j 16:37	0° $\mathring{\text{O}}$	
asc. node	-1286 Jan 17 j 01:22	1° $\mathring{\text{H}}$ 03'46		max. Earth dist.	-1284 Sep 02 j 16:11	27° $\mathring{\text{O}}$ 30'44	1.71568 AU
evening max el	-1286 Feb 06 j 23:20	23° $\mathring{\text{H}}$ 05'15	46°00'28		-1284 Sep 04 j 15:47	0° $\mathring{\text{M}}$	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

superior conj	-1284 Sep 05 j 17:42	1° \mathbb{M} 21'21	1°22'15			-1281 Feb 15 j 05:01	30° \mathbb{R} \mathbb{Z}	
minimum elong	-1284 Sep 05 j 22:12	1° \mathbb{M} 35'28	1°22'13	direct		-1281 Feb 26 j 11:42	27° \mathbb{Z} 25'48	
	-1284 Sep 28 j 12:47	0° $\underline{\mathbb{A}}$		greatest brilliancy		-1281 Mar 09 j 10:25	29° \mathbb{Z} 36'27	-4.5m
evening rise	-1284 Oct 15 j 13:14	21° $\underline{\mathbb{A}}$ 23'23				-1281 Mar 10 j 10:24	0° \approx	
	-1284 Oct 22 j 09:45	0° \mathbb{M}		desc. node		-1281 Apr 10 j 06:31	21° \approx 51'08	
desc. node	-1284 Oct 23 j 11:44	1° \mathbb{M} 21'33		morning max el		-1281 Apr 16 j 10:03	27° \approx 35'49	45°53'39
	-1284 Nov 15 j 08:01	0° \mathbb{X}				-1281 Apr 18 j 21:45	0° \mathbb{X}	
	-1284 Dec 09 j 08:43	0° \mathbb{Z}				-1281 May 17 j 16:34	0° \mathbb{Y}	
	-1283 Jan 02 j 13:53	0° \approx				-1281 Jun 13 j 08:27	0° \mathbb{X}	
	-1283 Jan 27 j 03:23	0° \mathbb{X}				-1281 Jul 08 j 23:17	0° \mathbb{I}	
asc. node	-1283 Feb 13 j 13:16	20° \mathbb{X} 50'51		asc. node		-1281 Aug 01 j 08:34	28° \mathbb{I} 08'38	
	-1283 Feb 21 j 07:44	0° \mathbb{Y}				-1281 Aug 02 j 21:10	0° \mathbb{S}	
	-1283 Mar 19 j 14:56	0° \mathbb{X}				-1281 Aug 27 j 06:26	0° \mathbb{Q}	
	-1283 Apr 17 j 08:44	0° \mathbb{I}				-1281 Sep 20 j 07:09	0° \mathbb{M}	
evening max el	-1283 Apr 18 j 16:27	1° \mathbb{I} 16'07	45°14'23	morning set		-1281 Oct 11 j 08:18	26° \mathbb{M} 28'39	
greatest brilliancy	-1283 May 23 j 16:34	27° \mathbb{I} 31'48	-4.5m			-1281 Oct 14 j 03:22	0° $\underline{\mathbb{A}}$	
	-1283 May 31 j 04:39	0° \mathbb{S}				-1281 Nov 06 j 22:23	0° \mathbb{M}	
desc. node	-1283 Jun 05 j 04:16	0° \mathbb{S} 36'52		desc. node		-1281 Nov 20 j 23:40	17° \mathbb{M} 42'08	
retrograde	-1283 Jun 06 j 00:28	0° \mathbb{S} 37'41						
	-1283 Jun 11 j 16:49	30° \mathbb{R} \mathbb{I}		superior conj		-1281 Nov 21 j 09:57	18° \mathbb{M} 14'30	0°-1'-1
evening set	-1283 Jun 21 j 09:49	26° \mathbb{I} 09'28		minimum elong		-1281 Nov 21 j 09:40	18° \mathbb{M} 13'38	0°01'03
inferior conj	-1283 Jun 27 j 10:16	22° \mathbb{I} 35'18	-4°-55'-25	behind sun begin		-1281 Nov 20 j 06:52	16° \mathbb{M} 49'17	
minimum elong	-1283 Jun 27 j 00:59	22° \mathbb{I} 49'39	4°53'09	behind sun end		-1281 Nov 22 j 12:28	19° \mathbb{M} 37'58	
min. Earth dist.	-1283 Jun 27 j 16:03	22° \mathbb{I} 26'20	0.28649 AU	max. Earth dist.		-1281 Nov 24 j 00:50	21° \mathbb{M} 32'22	1.71049 AU
morning rise	-1283 Jul 02 j 15:40	19° \mathbb{I} 26'11				-1281 Nov 30 j 18:19	0° \mathbb{X}	
direct	-1283 Jul 19 j 00:41	14° \mathbb{I} 22'11				-1281 Dec 24 j 16:16	0° \mathbb{Z}	
greatest brilliancy	-1283 Aug 02 j 11:22	18° \mathbb{I} 00'41	-4.5m	evening rise		-1280 Jan 02 j 09:16	10° \mathbb{Z} 53'21	
	-1283 Aug 20 j 12:42	0° \mathbb{S}				-1280 Jan 17 j 17:07	0° \approx	
morning max el	-1283 Sep 06 j 19:04	15° \mathbb{S} 45'04	46°26'22			-1280 Feb 10 j 22:15	0° \mathbb{X}	
	-1283 Sep 20 j 12:38	0° \mathbb{Q}				-1280 Mar 06 j 09:42	0° \mathbb{Y}	
asc. node	-1283 Sep 26 j 06:09	6° \mathbb{Q} 14'59		asc. node		-1280 Mar 13 j 01:15	8° \mathbb{Y} 04'34	
	-1283 Oct 17 j 01:12	0° \mathbb{M}				-1280 Mar 31 j 06:07	0° \mathbb{X}	
	-1283 Nov 11 j 02:25	0° $\underline{\mathbb{A}}$				-1280 Apr 25 j 15:16	0° \mathbb{I}	
	-1283 Dec 05 j 13:30	0° \mathbb{M}				-1280 May 21 j 20:31	0° \mathbb{S}	
	-1283 Dec 29 j 19:55	0° \mathbb{X}				-1280 Jun 18 j 17:42	0° \mathbb{Q}	
desc. node	-1282 Jan 15 j 21:19	21° \mathbb{X} 06'35		evening max el		-1280 Jun 29 j 08:41	10° \mathbb{Q} 32'25	45°50'31
	-1282 Jan 23 j 01:53	0° \mathbb{Z}		desc. node		-1280 Jul 02 j 16:05	13° \mathbb{Q} 40'17	
	-1282 Feb 16 j 08:53	0° \approx				-1280 Jul 22 j 04:00	0° \mathbb{M}	
	-1282 Mar 12 j 17:16	0° \mathbb{X}		greatest brilliancy		-1280 Aug 06 j 23:05	8° \mathbb{M} 46'50	-4.6m
morning set	-1282 Mar 14 j 05:07	1° \mathbb{X} 50'19		retrograde		-1280 Aug 17 j 13:51	10° \mathbb{M} 48'50	
	-1282 Apr 06 j 02:54	0° \mathbb{Y}		evening set		-1280 Sep 04 j 09:02	4° \mathbb{M} 54'27	
				inferior conj		-1280 Sep 07 j 10:30	3° \mathbb{M} 04'16	-8°-37'-12
superior conj	-1282 Apr 20 j 09:02	17° \mathbb{Y} 30'25	0°-41'-56	minimum elong		-1280 Sep 07 j 15:51	2° \mathbb{M} 56'10	8°36'47
minimum elong	-1282 Apr 20 j 16:40	17° \mathbb{Y} 53'50	0°41'37	min. Earth dist.		-1280 Sep 08 j 03:35	2° \mathbb{M} 38'22	0.27342 AU
max. Earth dist.	-1282 Apr 20 j 13:38	17° \mathbb{Y} 44'34	1.73630 AU	morning rise		-1280 Sep 10 j 22:28	0° \mathbb{M} 58'23	
	-1282 Apr 30 j 13:18	0° \mathbb{X}				-1280 Sep 12 j 15:19	30° \mathbb{R} \mathbb{Q}	
asc. node	-1282 May 08 j 23:07	10° \mathbb{X} 19'25		direct		-1280 Sep 28 j 07:23	25° \mathbb{Q} 12'41	
	-1282 May 24 j 23:49	0° \mathbb{I}		greatest brilliancy		-1280 Oct 12 j 02:48	28° \mathbb{Q} 43'01	-4.7m
evening rise	-1282 May 26 j 14:45	1° \mathbb{I} 59'29				-1280 Oct 14 j 15:15	0° \mathbb{M}	
	-1282 Jun 18 j 10:06	0° \mathbb{S}		asc. node		-1280 Oct 23 j 17:51	5° \mathbb{M} 52'03	
	-1282 Jul 12 j 20:35	0° \mathbb{Q}		morning max el		-1280 Nov 18 j 04:05	28° \mathbb{M} 49'36	46°55'07
	-1282 Aug 06 j 08:41	0° \mathbb{M}				-1280 Nov 19 j 07:29	0° $\underline{\mathbb{A}}$	
desc. node	-1282 Aug 28 j 13:51	27° \mathbb{M} 02'30				-1280 Dec 16 j 15:36	0° \mathbb{M}	
	-1282 Aug 31 j 00:25	0° $\underline{\mathbb{A}}$				-1279 Jan 11 j 07:47	0° \mathbb{X}	
	-1282 Sep 24 j 22:39	0° \mathbb{M}				-1279 Feb 05 j 10:20	0° \mathbb{Z}	
	-1282 Oct 20 j 09:19	0° \mathbb{X}		desc. node		-1279 Feb 12 j 09:04	8° \mathbb{Z} 21'27	
	-1282 Nov 16 j 01:48	0° \mathbb{Z}				-1279 Mar 02 j 07:31	0° \approx	
evening max el	-1282 Nov 25 j 10:20	9° \mathbb{Z} 50'06	47°17'02			-1279 Mar 27 j 02:04	0° \mathbb{X}	
	-1282 Dec 17 j 03:36	0° \approx				-1279 Apr 20 j 18:41	0° \mathbb{Y}	
asc. node	-1282 Dec 19 j 15:36	1° \approx 57'22				-1279 May 15 j 09:04	0° \mathbb{X}	
greatest brilliancy	-1281 Jan 01 j 15:23	10° \approx 11'49	-4.6m	morning set		-1279 May 21 j 07:07	7° \mathbb{X} 14'19	
retrograde	-1281 Jan 15 j 10:49	13° \approx 45'09		asc. node		-1279 Jun 05 j 11:03	25° \mathbb{X} 49'57	
evening set	-1281 Feb 01 j 23:21	7° \approx 44'42				-1279 Jun 08 j 20:26	0° \mathbb{I}	
min. Earth dist.	-1281 Feb 04 j 18:41	5° \approx 59'28	0.28154 AU	max. Earth dist.		-1279 Jun 23 j 00:39	17° \mathbb{I} 27'28	1.73209 AU
inferior conj	-1281 Feb 05 j 13:22	5° \approx 29'46	8°24'50					
minimum elong	-1281 Feb 05 j 09:43	5° \approx 35'35	8°24'37	superior conj		-1279 Jun 26 j 10:17	21° \mathbb{I} 39'25	0°46'50
morning rise	-1281 Feb 08 j 20:20	3° \approx 26'03		minimum elong		-1279 Jun 26 j 02:22	21° \mathbb{I} 14'59	0°46'32

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 25

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1279 Jul 03 j 04:15	0°☿		greatest brilliancy	-1277 Dec 23 j 17:43	13°♌46'53	-4.7m
	-1279 Jul 27 j 08:51	0°♌			-1276 Jan 16 j 18:58	0°♌	
evening rise	-1279 Aug 01 j 09:45	6°♌15'52		morning max el	-1276 Jan 31 j 09:10	13°♌39'21	46°33'27
	-1279 Aug 20 j 11:30	0°♍			-1276 Feb 16 j 04:29	0°♌	
	-1279 Sep 13 j 13:57	0°♍		desc. node	-1276 Mar 11 j 20:58	27°♌16'25	
desc. node	-1279 Sep 25 j 01:49	14°♍17'07			-1276 Mar 14 j 06:40	0°♍	
	-1279 Oct 07 j 17:46	0°♍			-1276 Apr 09 j 06:37	0°♍	
	-1279 Nov 01 j 00:31	0°♍			-1276 May 04 j 17:27	0°♍	
	-1279 Nov 25 j 13:00	0°♍			-1276 May 29 j 19:22	0°♍	
	-1279 Dec 20 j 13:50	0°♍			-1276 Jun 23 j 13:24	0°♍	
	-1278 Jan 15 j 18:52	0°♍		asc. node	-1276 Jul 02 j 22:48	11°♍29'16	
asc. node	-1278 Jan 16 j 03:22	0°♍23'22			-1276 Jul 17 j 23:52	0°♍	
evening max el	-1278 Feb 04 j 15:40	20°♍53'33	46°03'02	morning set	-1276 Jul 28 j 00:10	12°♍23'53	
	-1278 Feb 14 j 05:45	0°♍			-1276 Aug 11 j 03:41	0°♍	
greatest brilliancy	-1278 Mar 11 j 04:08	18°♍10'27	-4.5m	max. Earth dist.	-1276 Aug 31 j 03:37	25°♍01'15	1.71623 AU
retrograde	-1278 Mar 26 j 00:28	22°♍03'01					
evening set	-1278 Apr 11 j 02:55	17°♍00'43		superior conj	-1276 Sep 03 j 08:19	29°♍01'47	1°22'59
inferior conj	-1278 Apr 16 j 10:13	13°♍45'26	4°40'11	minimum elong	-1276 Sep 03 j 12:01	29°♍13'22	1°22'57
minimum elong	-1278 Apr 16 j 18:45	13°♍31'57	4°38'08		-1276 Sep 04 j 02:53	0°♍	
min. Earth dist.	-1278 Apr 16 j 17:42	13°♍33'37	0.29100 AU		-1276 Sep 28 j 00:01	0°♍	
morning rise	-1278 Apr 22 j 10:44	10°♍06'01		evening rise	-1276 Oct 12 j 23:48	18°♍50'15	
desc. node	-1278 May 07 j 18:21	5°♍23'59			-1276 Oct 21 j 21:08	0°♍	
direct	-1278 May 08 j 02:29	5°♍23'51		desc. node	-1276 Oct 22 j 13:53	0°♍52'35	
greatest brilliancy	-1278 May 21 j 09:52	8°♍30'41	-4.5m		-1276 Nov 14 j 19:34	0°♍	
	-1278 Jun 20 j 08:25	0°♍			-1276 Dec 08 j 20:27	0°♌	
morning max el	-1278 Jun 25 j 23:53	5°♌16'31	45°49'59		-1275 Jan 02 j 01:54	0°♍	
	-1278 Jul 20 j 01:47	0°♍			-1275 Jan 26 j 15:53	0°♍	
	-1278 Aug 15 j 16:48	0°♍		asc. node	-1275 Feb 12 j 15:21	20°♍18'17	
asc. node	-1278 Aug 28 j 20:28	15°♍29'04			-1275 Feb 20 j 21:13	0°♍	
	-1278 Sep 09 j 22:34	0°♍			-1275 Mar 19 j 06:39	0°♍	
	-1278 Oct 04 j 09:42	0°♍		evening max el	-1275 Apr 16 j 06:58	29°♌02'15	45°14'43
	-1278 Oct 28 j 11:01	0°♍			-1275 Apr 17 j 07:13	0°♍	
	-1278 Nov 21 j 08:38	0°♍		greatest brilliancy	-1275 May 21 j 05:08	25°♍17'48	-4.5m
	-1278 Dec 15 j 06:14	0°♍		retrograde	-1275 Jun 03 j 16:01	28°♍27'29	
desc. node	-1278 Dec 18 j 11:28	4°♌02'05		desc. node	-1275 Jun 04 j 06:17	28°♍27'05	
morning set	-1278 Dec 27 j 08:09	15°♌07'57		evening set	-1275 Jun 18 j 23:41	24°♍01'04	
	-1277 Jan 08 j 05:32	0°♌		inferior conj	-1275 Jun 25 j 02:08	20°♍24'24	-4°-38'-20
	-1277 Feb 01 j 07:10	0°♍		minimum elong	-1275 Jun 24 j 17:11	20°♍38'14	4°36'07
				min. Earth dist.	-1275 Jun 25 j 08:09	20°♍15'05	0.28680 AU
superior conj	-1277 Feb 06 j 11:09	6°♍25'16	-1°-23'-29	morning rise	-1275 Jun 30 j 10:09	17°♍11'34	
minimum elong	-1277 Feb 06 j 07:12	6°♍13'00	1°23'30	direct	-1275 Jul 16 j 16:18	12°♍10'29	
max. Earth dist.	-1277 Feb 10 j 09:55	11°♍19'31	1.72395 AU	greatest brilliancy	-1275 Jul 31 j 04:46	15°♍50'22	-4.5m
	-1277 Feb 25 j 11:34	0°♍			-1275 Aug 20 j 20:40	0°♍	
evening rise	-1277 Mar 17 j 09:10	24°♍33'37		morning max el	-1275 Sep 04 j 10:00	13°♍27'47	46°24'55
	-1277 Mar 21 j 19:17	0°♍			-1275 Sep 20 j 06:48	0°♍	
asc. node	-1277 Apr 10 j 13:18	24°♍13'17		asc. node	-1275 Sep 25 j 08:17	5°♍33'23	
	-1277 Apr 15 j 06:45	0°♍			-1275 Oct 16 j 15:58	0°♍	
	-1277 May 09 j 22:23	0°♍			-1275 Nov 10 j 15:44	0°♍	
	-1277 Jun 03 j 18:59	0°♍			-1275 Dec 05 j 02:03	0°♍	
	-1277 Jun 28 j 22:43	0°♍			-1275 Dec 29 j 07:58	0°♍	
	-1277 Jul 24 j 14:25	0°♍		desc. node	-1274 Jan 14 j 23:16	20°♌36'07	
desc. node	-1277 Jul 31 j 03:50	7°♍31'30			-1274 Jan 22 j 13:34	0°♌	
	-1277 Aug 20 j 05:02	0°♍			-1274 Feb 15 j 20:18	0°♍	
evening max el	-1277 Sep 12 j 02:06	24°♍02'08	47°09'05	morning set	-1274 Mar 11 j 20:41	29°♍36'06	
	-1277 Sep 18 j 05:16	0°♍			-1274 Mar 12 j 04:27	0°♍	
greatest brilliancy	-1277 Oct 21 j 02:23	24°♍12'54	-4.7m		-1274 Apr 05 j 13:55	0°♍	
retrograde	-1277 Nov 01 j 13:12	26°♍39'35					
evening set	-1277 Nov 15 j 21:51	22°♍32'37		superior conj	-1274 Apr 18 j 02:57	15°♍24'30	0°-44'-39
asc. node	-1277 Nov 21 j 05:47	19°♍25'39		minimum elong	-1274 Apr 18 j 10:56	15°♍49'01	0°44'20
min. Earth dist.	-1277 Nov 21 j 16:10	19°♍09'45	0.26366 AU	max. Earth dist.	-1274 Apr 18 j 09:31	15°♍44'40	1.73610 AU
inferior conj	-1277 Nov 22 j 01:35	18°♍55'19	0°12'50		-1274 Apr 30 j 00:14	0°♍	
minimum elong	-1277 Nov 22 j 01:06	18°♍56'04	0°12'41	asc. node	-1274 May 08 j 01:16	9°♍52'25	
transit middle	-1277 Nov 22 j 01:06	18°♍56'04	0°12'41	evening rise	-1274 May 24 j 10:10	29°♍58'05	
transit begin	-1277 Nov 21 j 22:26	19°♍00'09			-1274 May 24 j 10:47	0°♍	
transit end	-1277 Nov 22 j 03:46	18°♍51'58			-1274 Jun 17 j 21:15	0°♍	
morning rise	-1277 Nov 28 j 04:45	15°♍20'21			-1274 Jul 12 j 08:05	0°♍	
direct	-1277 Dec 12 j 08:30	11°♍20'38			-1274 Aug 05 j 20:42	0°♍	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 26

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1274 Aug 27 j 15:54	26° \cap 30'27			-1272 Dec 16 j 07:54	0° \cap		
	-1274 Aug 30 j 13:09	0° Ω			-1271 Jan 10 j 21:52	0° \mathcal{A}		
	-1274 Sep 24 j 12:26	0° \cap			-1271 Feb 04 j 23:12	0° \mathcal{B}		
	-1274 Oct 20 j 00:58	0° \mathcal{A}		desc. node	-1271 Feb 11 j 11:13	7° \mathcal{B} 49'56		
	-1274 Nov 15 j 21:38	0° \mathcal{B}			-1271 Mar 01 j 19:37	0° \approx		
evening max el	-1274 Nov 23 j 00:53	7° \mathcal{B} 27'28	47°18'42		-1271 Mar 26 j 13:38	0° \mathcal{H}		
	-1274 Dec 17 j 18:56	0° \approx			-1271 Apr 20 j 05:53	0° Υ		
asc. node	-1274 Dec 18 j 17:34	0° \approx 42'16			-1271 May 14 j 20:02	0° \mathcal{B}		
greatest brilliancy	-1274 Dec 30 j 07:16	7° \approx 52'29	-4.6m	morning set	-1271 May 19 j 01:43	5° \mathcal{B} 10'54		
retrograde	-1273 Jan 13 j 02:37	11° \approx 26'04		asc. node	-1271 Jun 04 j 13:03	25° \mathcal{B} 22'38		
evening set	-1273 Jan 30 j 12:12	5° \approx 29'07			-1271 Jun 08 j 07:18	0° \cap		
min. Earth dist.	-1273 Feb 02 j 08:41	3° \approx 42'25	0.28090 AU	max. Earth dist.	-1271 Jun 20 j 20:14	15° \cap 26'23	1.73245 AU	
inferior conj	-1273 Feb 03 j 04:27	3° \approx 11'07	8°20'56					
minimum elong	-1273 Feb 03 j 00:02	3° \approx 18'05	8°20'38	superior conj	-1271 Jun 24 j 04:50	19° \cap 35'00	0°44'12	
morning rise	-1273 Feb 06 j 12:09	1° \approx 06'34		minimum elong	-1271 Jun 23 j 21:12	19° \cap 11'29	0°43'55	
	-1273 Feb 08 j 09:05	30° \mathcal{R} \mathcal{B}			-1271 Jul 02 j 15:07	0° \mathcal{B}		
direct	-1273 Feb 24 j 01:50	25° \mathcal{B} 08'01			-1271 Jul 26 j 19:48	0° Ω		
greatest brilliancy	-1273 Mar 07 j 00:00	27° \mathcal{B} 18'33	-4.5m	evening rise	-1271 Jul 30 j 03:07	4° Ω 06'29		
	-1273 Mar 12 j 21:05	0° \approx			-1271 Aug 19 j 22:37	0° \cap		
desc. node	-1273 Apr 09 j 08:41	20° \approx 57'12			-1271 Sep 13 j 01:21	0° Ω		
morning max el	-1273 Apr 14 j 01:39	25° \approx 22'53	45°54'44	desc. node	-1271 Sep 24 j 04:01	13° Ω 48'00		
	-1273 Apr 18 j 19:29	0° \mathcal{H}			-1271 Oct 07 j 05:33	0° \cap		
	-1273 May 17 j 08:14	0° Υ			-1271 Oct 31 j 12:47	0° \mathcal{A}		
	-1273 Jun 12 j 21:48	0° \mathcal{B}			-1271 Nov 25 j 01:58	0° \mathcal{B}		
	-1273 Jul 08 j 11:30	0° \cap			-1271 Dec 20 j 04:02	0° \approx		
asc. node	-1273 Jul 31 j 10:41	27° \cap 39'35		asc. node	-1270 Jan 15 j 05:28	29° \approx 42'29		
	-1273 Aug 02 j 08:48	0° \mathcal{B}			-1270 Jan 15 j 11:52	0° \mathcal{H}		
	-1273 Aug 26 j 17:48	0° Ω		evening max el	-1270 Feb 02 j 07:17	18° \mathcal{H} 39'28	46°05'41	
	-1273 Sep 19 j 18:25	0° \cap			-1270 Feb 14 j 08:53	0° Υ		
morning set	-1273 Oct 08 j 20:34	24° \cap 00'39		greatest brilliancy	-1270 Mar 08 j 22:20	16° Υ 03'17	-4.5m	
	-1273 Oct 13 j 14:37	0° Ω		retrograde	-1270 Mar 23 j 16:59	19° Υ 54'05		
	-1273 Nov 06 j 09:38	0° \cap		evening set	-1270 Apr 08 j 22:03	14° Υ 48'29		
				inferior conj	-1270 Apr 14 j 02:51	11° Υ 36'22	4°56'06	
superior conj	-1273 Nov 18 j 19:00	15° \cap 36'26	0°03'04	minimum elong	-1270 Apr 14 j 11:38	11° Υ 22'28	4°54'04	
minimum elong	-1273 Nov 18 j 19:49	15° \cap 39'01	0°03'00	min. Earth dist.	-1270 Apr 14 j 09:57	11° Υ 25'07	0.29094 AU	
behind sun begin	-1273 Nov 17 j 17:18	14° \cap 15'32		morning rise	-1270 Apr 20 j 01:23	7° Υ 59'20		
behind sun end	-1273 Nov 19 j 22:20	17° \cap 02'30		direct	-1270 May 05 j 19:01	3° Υ 15'06		
desc. node	-1273 Nov 20 j 01:43	17° \cap 13'08		desc. node	-1270 May 06 j 20:24	3° Υ 16'24		
max. Earth dist.	-1273 Nov 21 j 08:05	18° \cap 48'41	1.71031 AU	greatest brilliancy	-1270 May 18 j 23:17	6° Υ 18'23	-4.5m	
	-1273 Nov 30 j 05:35	0° \mathcal{A}			-1270 Jun 20 j 08:48	0° \mathcal{B}		
	-1273 Dec 24 j 03:32	0° \mathcal{B}		morning max el	-1270 Jun 23 j 15:17	3° \mathcal{B} 05'09	45°49'20	
evening rise	-1273 Dec 30 j 19:29	8° \mathcal{B} 20'08			-1270 Jul 19 j 18:00	0° \cap		
	-1272 Jan 17 j 04:26	0° \approx			-1270 Aug 15 j 06:24	0° \mathcal{B}		
	-1272 Feb 10 j 09:40	0° \mathcal{H}		asc. node	-1270 Aug 27 j 22:36	14° \mathcal{B} 57'08		
	-1272 Mar 05 j 21:21	0° Υ			-1270 Sep 09 j 10:58	0° Ω		
asc. node	-1272 Mar 12 j 03:26	7° Υ 35'33			-1270 Oct 03 j 21:29	0° \cap		
	-1272 Mar 30 j 18:16	0° \mathcal{B}			-1270 Oct 27 j 22:29	0° Ω		
	-1272 Apr 25 j 04:25	0° \cap			-1270 Nov 20 j 19:56	0° \cap		
	-1272 May 21 j 11:41	0° \mathcal{B}			-1270 Dec 14 j 17:26	0° \mathcal{A}		
	-1272 Jun 18 j 13:52	0° Ω		desc. node	-1270 Dec 17 j 13:29	3° \mathcal{A} 33'22		
evening max el	-1272 Jun 26 j 23:25	8° Ω 16'27	45°48'11	morning set	-1270 Dec 24 j 18:01	12° \mathcal{A} 33'46		
desc. node	-1272 Jul 01 j 18:05	12° Ω 45'57			-1269 Jan 07 j 16:38	0° \mathcal{B}		
	-1272 Jul 23 j 03:26	0° \cap			-1269 Jan 31 j 18:09	0° \approx		
greatest brilliancy	-1272 Aug 04 j 09:42	6° \cap 23'04	-4.6m					
retrograde	-1272 Aug 15 j 02:57	8° \cap 26'37		superior conj	-1269 Feb 03 j 23:43	4° \approx 01'04	-1°-22'-45	
evening set	-1272 Sep 01 j 23:30	2° \cap 30'00		minimum elong	-1269 Feb 03 j 18:53	3° \approx 46'02	1°22'44	
inferior conj	-1272 Sep 04 j 23:44	0° \cap 41'24	-8°-41'-53	max. Earth dist.	-1269 Feb 08 j 01:42	9° \approx 05'24	1.72337 AU	
minimum elong	-1272 Sep 05 j 04:14	0° \cap 34'32	8°41'36		-1269 Feb 24 j 22:29	0° \mathcal{H}		
min. Earth dist.	-1272 Sep 05 j 16:04	0° \cap 16'33	0.27402 AU	evening rise	-1269 Mar 15 j 00:19	22° \mathcal{H} 18'50		
	-1272 Sep 06 j 02:59	30° \mathcal{R} Ω			-1269 Mar 21 j 06:12	0° Υ		
morning rise	-1272 Sep 08 j 08:49	28° Ω 39'34		asc. node	-1269 Apr 09 j 15:23	23° Υ 45'59		
direct	-1272 Sep 25 j 21:59	22° Ω 49'08			-1269 Apr 14 j 17:48	0° \mathcal{B}		
greatest brilliancy	-1272 Oct 09 j 16:52	26° Ω 19'00	-4.7m		-1269 May 09 j 09:44	0° \cap		
	-1272 Oct 16 j 06:54	0° \cap			-1269 Jun 03 j 06:53	0° \mathcal{B}		
asc. node	-1272 Oct 22 j 20:01	4° \cap 35'19			-1269 Jun 28 j 11:32	0° Ω		
morning max el	-1272 Nov 15 j 18:31	26° \cap 25'42	46°54'42		-1269 Jul 24 j 04:50	0° \cap		
	-1272 Nov 19 j 05:20	0° Ω		desc. node	-1269 Jul 30 j 06:00	6° \cap 54'59		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1269 Aug 19 j 22:40	0°♌				-1266 Feb 15 j 07:15	0°♍	
evening max el	-1269 Sep 09 j 14:42	21°♌35'50	47°07'00	morning set		-1266 Mar 09 j 12:13	27°♍22'54	
	-1269 Sep 18 j 08:26	0°♍				-1266 Mar 11 j 15:14	0°♎	
greatest brilliancy	-1269 Oct 18 j 17:59	21°♍47'10	-4.7m			-1266 Apr 05 j 00:34	0°♏	
retrograde	-1269 Oct 30 j 01:03	24°♍10'17						
evening set	-1269 Nov 13 j 11:01	20°♍02'48		superior conj		-1266 Apr 15 j 20:39	13°♏18'52	0°-47'-20
inferior conj	-1269 Nov 19 j 13:57	16°♍27'04	0°-11'-30	minimum elong		-1266 Apr 16 j 04:58	13°♏44'24	0°47'00
minimum elong	-1269 Nov 19 j 14:23	16°♍26'23	0°11'24	max. Earth dist.		-1266 Apr 16 j 06:08	13°♏48'00	1.73596 AU
transit middle	-1269 Nov 19 j 14:23	16°♍26'23	0°11'24			-1266 Apr 29 j 10:51	0°♐	
transit begin	-1269 Nov 19 j 11:24	16°♍30'58		asc. node		-1266 May 07 j 03:15	9°♐25'51	
transit end	-1269 Nov 19 j 17:23	16°♍21'49		evening rise		-1266 May 22 j 05:16	27°♐56'42	
min. Earth dist.	-1269 Nov 19 j 06:27	16°♍38'34	0.26349 AU			-1266 May 23 j 21:28	0°♑	
asc. node	-1269 Nov 20 j 07:42	15°♍59'53				-1266 Jun 17 j 08:08	0°♒	
morning rise	-1269 Nov 25 j 18:00	12°♍50'45				-1266 Jul 11 j 19:19	0°♓	
direct	-1269 Dec 09 j 20:09	8°♍52'28				-1266 Aug 05 j 08:28	0°♑	
greatest brilliancy	-1269 Dec 21 j 08:46	11°♍21'37	-4.7m	desc. node		-1266 Aug 26 j 18:03	25°♑59'28	
	-1268 Jan 17 j 01:51	0°♒				-1266 Aug 30 j 01:39	0°♑	
morning max el	-1268 Jan 28 j 21:30	11°♒13'12	46°34'45			-1266 Sep 24 j 02:03	0°♒	
	-1268 Feb 15 j 22:44	0°♓				-1266 Oct 19 j 16:30	0°♒	
desc. node	-1268 Mar 10 j 23:06	26°♓40'24				-1266 Nov 15 j 17:39	0°♓	
	-1268 Mar 13 j 21:15	0°♑		evening max el		-1266 Nov 20 j 16:39	5°♓09'06	47°20'24
	-1268 Apr 08 j 19:30	0°♎		asc. node		-1266 Dec 17 j 19:45	29°♓26'40	
	-1268 May 04 j 05:22	0°♏				-1266 Dec 18 j 14:39	0°♑	
	-1268 May 29 j 06:42	0°♐		greatest brilliancy		-1266 Dec 27 j 23:26	5°♑34'57	-4.6m
	-1268 Jun 23 j 00:25	0°♑		retrograde		-1265 Jan 10 j 18:55	9°♑08'23	
asc. node	-1268 Jul 02 j 00:54	11°♑02'14		evening set		-1265 Jan 28 j 00:59	3°♑15'24	
	-1268 Jul 17 j 10:42	0°♒		min. Earth dist.		-1265 Jan 30 j 22:32	1°♑27'16	0.28021 AU
morning set	-1268 Jul 25 j 16:39	10°♒12'33		inferior conj		-1265 Jan 31 j 19:37	0°♑53'57	8°16'20
	-1268 Aug 10 j 14:29	0°♓		minimum elong		-1265 Jan 31 j 14:31	1°♑02'01	8°15'54
max. Earth dist.	-1268 Aug 28 j 16:37	22°♓37'27	1.71676 AU			-1265 Feb 02 j 05:50	30°♒♓	
				morning rise		-1265 Feb 04 j 04:22	28°♓48'08	
superior conj	-1268 Aug 31 j 23:02	26°♓43'17	1°23'33	direct		-1265 Feb 21 j 16:31	22°♓52'01	
minimum elong	-1268 Sep 01 j 01:55	26°♓52'21	1°23'33	greatest brilliancy		-1265 Mar 04 j 12:31	25°♓01'10	-4.5m
	-1268 Sep 03 j 13:45	0°♑				-1265 Mar 14 j 09:29	0°♑	
	-1268 Sep 27 j 10:59	0°♑		desc. node		-1265 Apr 08 j 10:45	20°♑05'35	
evening rise	-1268 Oct 10 j 10:45	16°♑19'20		morning max el		-1265 Apr 11 j 17:37	23°♑12'19	45°55'36
	-1268 Oct 21 j 08:12	0°♒				-1265 Apr 18 j 15:54	0°♎	
desc. node	-1268 Oct 21 j 15:55	0°♒24'14				-1265 May 16 j 23:15	0°♏	
	-1268 Nov 14 j 06:44	0°♒				-1265 Jun 12 j 10:44	0°♐	
	-1268 Dec 08 j 07:47	0°♓				-1265 Jul 07 j 23:25	0°♑	
	-1267 Jan 01 j 13:31	0°♑		asc. node		-1265 Jul 30 j 12:52	27°♑11'30	
	-1267 Jan 26 j 04:03	0°♎				-1265 Aug 01 j 20:10	0°♒	
asc. node	-1267 Feb 11 j 17:28	19°♎46'48				-1265 Aug 26 j 04:55	0°♓	
	-1267 Feb 20 j 10:28	0°♏		greatest brilliancy		-1265 Sep 01 j 03:29	7°♓23'16	-3.9m
	-1267 Mar 18 j 22:21	0°♐				-1265 Sep 19 j 05:25	0°♑	
evening max el	-1267 Apr 13 j 22:05	26°♐50'26	45°15'09	morning set		-1265 Oct 06 j 08:50	21°♑33'40	
	-1267 Apr 17 j 06:27	0°♑				-1265 Oct 13 j 01:35	0°♑	
greatest brilliancy	-1267 May 18 j 17:03	23°♑03'24	-4.5m			-1265 Nov 05 j 20:37	0°♒	
retrograde	-1267 Jun 01 j 07:50	26°♑17'31						
desc. node	-1267 Jun 03 j 08:17	26°♑12'45		superior conj		-1265 Nov 16 j 04:06	12°♒59'22	0°07'05
evening set	-1267 Jun 16 j 13:34	21°♑52'38		minimum elong		-1265 Nov 16 j 06:01	13°♒05'24	0°06'59
inferior conj	-1267 Jun 22 j 17:49	18°♑13'38	-4°-20'-53	behind sun begin		-1265 Nov 15 j 05:30	11°♒48'13	
minimum elong	-1267 Jun 22 j 09:14	18°♑26'53	4°18'41	behind sun end		-1265 Nov 17 j 06:32	14°♒22'35	
min. Earth dist.	-1267 Jun 22 j 23:48	18°♑04'22	0.28710 AU	max. Earth dist.		-1265 Nov 18 j 16:00	16°♒07'55	1.71014 AU
morning rise	-1267 Jun 28 j 04:23	14°♑57'21		desc. node		-1265 Nov 19 j 03:44	16°♒44'50	
direct	-1267 Jul 14 j 08:09	9°♑59'01				-1265 Nov 29 j 16:34	0°♒	
greatest brilliancy	-1267 Jul 28 j 21:57	13°♑40'31	-4.5m			-1265 Dec 23 j 14:33	0°♓	
	-1267 Aug 21 j 02:04	0°♒		evening rise		-1265 Dec 28 j 05:42	5°♓47'41	
morning max el	-1267 Sep 02 j 01:43	11°♒13'30	46°23'30			-1264 Jan 16 j 15:27	0°♑	
	-1267 Sep 20 j 00:16	0°♓				-1264 Feb 09 j 20:44	0°♎	
asc. node	-1267 Sep 24 j 10:24	4°♓53'00				-1264 Mar 05 j 08:39	0°♏	
	-1267 Oct 16 j 06:15	0°♑		asc. node		-1264 Mar 11 j 05:31	7°♏07'18	
	-1267 Nov 10 j 04:39	0°♑				-1264 Mar 30 j 06:05	0°♐	
	-1267 Dec 04 j 14:10	0°♒				-1264 Apr 24 j 17:18	0°♑	
	-1267 Dec 28 j 19:35	0°♒				-1264 May 21 j 02:45	0°♒	
desc. node	-1266 Jan 14 j 01:28	20°♒07'48				-1264 Jun 18 j 10:28	0°♓	
	-1266 Jan 22 j 00:48	0°♓		evening max el		-1264 Jun 24 j 14:01	6°♓00'44	45°45'39

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 28

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1264 Jun 30 j 20:17	11° Ω 51'23			-1261 Jan 07 j 03:45	0° $\overline{\text{C}}$	
	-1264 Jul 24 j 11:37	0° $\overline{\text{M}}$			-1261 Jan 31 j 05:10	0° \approx	
greatest brilliancy	-1264 Aug 01 j 21:25	4° $\overline{\text{M}}$ 01'00	-4.5m				
retrograde	-1264 Aug 12 j 15:33	6° $\overline{\text{M}}$ 04'51		superior conj	-1261 Feb 01 j 12:10	1° \approx 36'21	-1°-21'-52
evening set	-1264 Aug 30 j 13:36	0° $\overline{\text{M}}$ 06'53		minimum elong	-1261 Feb 01 j 06:26	1° \approx 18'34	1°21'49
	-1264 Aug 30 j 18:15	30° R Ω		max. Earth dist.	-1261 Feb 05 j 15:22	6° \approx 44'39	1.72277 AU
inferior conj	-1264 Sep 02 j 12:59	28° Ω 19'16	-8°-45'-39		-1261 Feb 24 j 09:27	0° H	
minimum elong	-1264 Sep 02 j 16:36	28° Ω 13'44	8°45'28	evening rise	-1261 Mar 12 j 15:28	20° H 03'52	
min. Earth dist.	-1264 Sep 03 j 04:56	27° Ω 54'58	0.27460 AU		-1261 Mar 20 j 17:11	0° Y	
morning rise	-1264 Sep 05 j 19:27	26° Ω 20'57		asc. node	-1261 Apr 08 j 17:25	23° Y 18'22	
direct	-1264 Sep 23 j 12:12	20° Ω 26'18			-1261 Apr 14 j 04:54	0° C	
greatest brilliancy	-1264 Oct 07 j 06:44	23° Ω 55'14	-4.7m		-1261 May 08 j 21:07	0° II	
	-1264 Oct 17 j 10:19	0° $\overline{\text{M}}$			-1261 Jun 02 j 18:48	0° C	
asc. node	-1264 Oct 21 j 22:00	3° $\overline{\text{M}}$ 21'04			-1261 Jun 28 j 00:25	0° Ω	
morning max el	-1264 Nov 13 j 07:53	23° $\overline{\text{M}}$ 59'40	46°54'18		-1261 Jul 23 j 19:27	0° $\overline{\text{M}}$	
	-1264 Nov 19 j 02:13	0° $\underline{\text{A}}$		desc. node	-1261 Jul 29 j 08:05	6° $\overline{\text{M}}$ 17'51	
	-1264 Dec 15 j 23:43	0° M			-1261 Aug 19 j 16:50	0° $\underline{\text{A}}$	
	-1263 Jan 10 j 11:37	0° J		evening max el	-1261 Sep 07 j 02:51	19° $\underline{\text{A}}$ 08'00	47°04'34
	-1263 Feb 04 j 11:48	0° $\overline{\text{C}}$			-1261 Sep 18 j 13:39	0° M	
desc. node	-1263 Feb 10 j 13:18	7° $\overline{\text{C}}$ 18'56		greatest brilliancy	-1261 Oct 16 j 08:47	19° M 19'09	-4.7m
	-1263 Mar 01 j 07:27	0° \approx		retrograde	-1261 Oct 27 j 12:49	21° M 39'36	
	-1263 Mar 26 j 00:56	0° H		evening set	-1261 Nov 11 j 00:06	17° M 30'52	
	-1263 Apr 19 j 16:48	0° Y		inferior conj	-1261 Nov 17 j 02:03	13° M 57'10	0°-36'-12
	-1263 May 14 j 06:45	0° C		minimum elong	-1261 Nov 17 j 03:26	13° M 55'04	0°35'47
morning set	-1263 May 16 j 20:38	3° C 09'16		min. Earth dist.	-1261 Nov 16 j 20:29	14° M 05'42	0.26339 AU
asc. node	-1263 Jun 03 j 15:11	24° C 56'30		asc. node	-1261 Nov 19 j 09:54	12° M 32'21	
	-1263 Jun 07 j 17:57	0° II		morning rise	-1261 Nov 23 j 06:51	10° M 19'59	
max. Earth dist.	-1263 Jun 18 j 15:22	13° II 24'37	1.73288 AU	direct	-1261 Dec 07 j 07:39	6° M 22'20	
				greatest brilliancy	-1261 Dec 19 j 00:02	8° M 55'15	-4.7m
superior conj	-1263 Jun 21 j 23:38	17° II 32'03	0°41'33		-1260 Jan 17 j 07:02	0° J	
minimum elong	-1263 Jun 21 j 16:20	17° II 09'33	0°41'15	morning max el	-1260 Jan 26 j 10:36	8° J 48'00	46°36'15
	-1263 Jul 02 j 01:49	0° C			-1260 Feb 15 j 16:48	0° $\overline{\text{C}}$	
	-1263 Jul 26 j 06:38	0° Ω		desc. node	-1260 Mar 10 j 01:08	26° $\overline{\text{C}}$ 03'50	
evening rise	-1263 Jul 27 j 20:38	1° Ω 57'59			-1260 Mar 13 j 11:52	0° \approx	
	-1263 Aug 19 j 09:41	0° $\overline{\text{M}}$			-1260 Apr 08 j 08:28	0° H	
	-1263 Sep 12 j 12:42	0° $\underline{\text{A}}$			-1260 May 03 j 17:25	0° Y	
desc. node	-1263 Sep 23 j 06:00	13° $\underline{\text{A}}$ 18'26			-1260 May 28 j 18:11	0° C	
	-1263 Oct 06 j 17:17	0° M			-1260 Jun 22 j 11:33	0° II	
	-1263 Oct 31 j 01:00	0° J		asc. node	-1260 Jul 01 j 03:07	10° II 35'04	
	-1263 Nov 24 j 14:54	0° $\overline{\text{C}}$			-1260 Jul 16 j 21:39	0° C	
	-1263 Dec 19 j 18:15	0° \approx		morning set	-1260 Jul 23 j 09:48	8° C 03'01	
asc. node	-1262 Jan 14 j 07:38	29° \approx 01'38			-1260 Aug 10 j 01:25	0° Ω	
	-1262 Jan 15 j 05:06	0° H		max. Earth dist.	-1260 Aug 26 j 07:58	20° Ω 20'45	1.71732 AU
evening max el	-1262 Jan 30 j 22:15	16° H 23'57	46°08'24				
	-1262 Feb 14 j 13:34	0° Y		superior conj	-1260 Aug 29 j 14:17	24° Ω 26'08	1°23'58
greatest brilliancy	-1262 Mar 06 j 16:20	13° Y 56'21	-4.5m	minimum elong	-1260 Aug 29 j 16:23	24° Ω 32'43	1°23'59
retrograde	-1262 Mar 21 j 09:30	17° Y 46'14			-1260 Sep 03 j 00:46	0° $\overline{\text{M}}$	
evening set	-1262 Apr 06 j 17:26	12° Y 37'07			-1260 Sep 26 j 22:09	0° $\underline{\text{A}}$	
inferior conj	-1262 Apr 11 j 19:46	9° Y 28'27	5°11'35	evening rise	-1260 Oct 07 j 22:01	13° $\underline{\text{A}}$ 48'44	
minimum elong	-1262 Apr 12 j 04:44	9° Y 14'14	5°09'34	desc. node	-1260 Oct 20 j 17:59	29° $\underline{\text{A}}$ 55'08	
min. Earth dist.	-1262 Apr 12 j 02:44	9° Y 17'23	0.29086 AU		-1260 Oct 20 j 19:32	0° M	
morning rise	-1262 Apr 17 j 16:09	5° Y 53'57			-1260 Nov 13 j 18:15	0° J	
direct	-1262 May 03 j 11:11	1° Y 07'25			-1260 Dec 07 j 19:30	0° $\overline{\text{C}}$	
desc. node	-1262 May 05 j 22:24	1° Y 14'21			-1259 Jan 01 j 01:33	0° \approx	
greatest brilliancy	-1262 May 16 j 13:20	4° Y 07'44	-4.5m		-1259 Jan 25 j 16:38	0° H	
	-1262 Jun 20 j 07:50	0° C		asc. node	-1259 Feb 10 j 19:32	19° H 13'58	
morning max el	-1262 Jun 21 j 06:28	0° C 53'52	45°48'44		-1259 Feb 20 j 00:10	0° Y	
	-1262 Jul 19 j 09:47	0° II			-1259 Mar 18 j 14:38	0° C	
	-1262 Aug 14 j 19:48	0° C		evening max el	-1259 Apr 11 j 14:11	24° C 40'17	45°15'45
asc. node	-1262 Aug 27 j 00:39	14° C 25'10			-1259 Apr 17 j 07:07	0° II	
	-1262 Sep 08 j 23:19	0° Ω		greatest brilliancy	-1259 May 16 j 05:50	20° II 49'50	-4.5m
	-1262 Oct 03 j 09:19	0° $\overline{\text{M}}$		retrograde	-1259 May 30 j 00:09	24° II 07'26	
	-1262 Oct 27 j 10:02	0° $\underline{\text{A}}$		desc. node	-1259 Jun 02 j 10:32	23° II 53'34	
	-1262 Nov 20 j 07:19	0° M		evening set	-1259 Jun 14 j 03:57	19° II 44'07	
	-1262 Dec 14 j 04:40	0° J		inferior conj	-1259 Jun 20 j 09:42	16° II 02'49	-4°-3'-9
desc. node	-1262 Dec 16 j 15:41	3° J 05'01		minimum elong	-1259 Jun 20 j 01:33	16° II 15'23	4°01'01
morning set	-1262 Dec 22 j 03:37	9° J 58'32		min. Earth dist.	-1259 Jun 20 j 15:26	15° II 53'57	0.28734 AU

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 29

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning rise	-1259 Jun 25 j 22:45	12°II43'16		desc. node	-1257 Nov 18 j 05:57	16°ML16'26	
direct	-1259 Jul 12 j 00:42	7°II47'45			-1257 Nov 29 j 03:50	0°X	
greatest brilliancy	-1259 Jul 26 j 14:19	11°II29'37	-4.5m		-1257 Dec 23 j 01:51	0°Z	
	-1259 Aug 21 j 05:45	0°Z		evening rise	-1257 Dec 25 j 16:00	3°Z14'28	
morning max el	-1259 Aug 30 j 18:07	9°Z00'48	46°22'05		-1256 Jan 16 j 02:49	0°≈	
	-1259 Sep 19 j 17:31	0°Ω			-1256 Feb 09 j 08:14	0°X	
asc. node	-1259 Sep 23 j 12:26	4°Ω12'24			-1256 Mar 04 j 20:25	0°Y	
	-1259 Oct 15 j 20:36	0°η		asc. node	-1256 Mar 10 j 07:32	6°Y37'29	
	-1259 Nov 09 j 17:44	0°Δ			-1256 Mar 29 j 18:26	0°8	
	-1259 Dec 04 j 02:35	0°ML			-1256 Apr 24 j 06:46	0°II	
	-1259 Dec 28 j 07:34	0°X			-1256 May 20 j 18:31	0°Z	
desc. node	-1258 Jan 13 j 03:33	19°X37'48			-1256 Jun 18 j 08:16	0°Ω	
	-1258 Jan 21 j 12:28	0°Z		evening max el	-1256 Jun 22 j 03:49	3°Ω42'03	45°43'16
	-1258 Feb 14 j 18:39	0°≈		desc. node	-1256 Jun 29 j 22:20	10°Ω54'13	
morning set	-1258 Mar 07 j 03:15	25°≈06'52			-1256 Jul 26 j 11:57	0°η	
	-1258 Mar 11 j 02:24	0°X		greatest brilliancy	-1256 Jul 30 j 09:45	1°η38'52	-4.5m
	-1258 Apr 04 j 11:36	0°Y		retrograde	-1256 Aug 10 j 03:45	3°η42'42	
					-1256 Aug 24 j 01:19	30°RΩ	
superior conj	-1258 Apr 13 j 14:04	11°Y11'09	0°-49'-58	evening set	-1256 Aug 28 j 03:26	27°Ω43'54	
minimum elong	-1258 Apr 13 j 22:40	11°Y37'34	0°49'38	inferior conj	-1256 Aug 31 j 02:22	25°Ω56'49	-8°-48'-33
max. Earth dist.	-1258 Apr 14 j 04:24	11°Y55'10	1.73577 AU	minimum elong	-1256 Aug 31 j 05:06	25°Ω52'39	8°48'27
	-1258 Apr 28 j 21:49	0°8		min. Earth dist.	-1256 Aug 31 j 18:14	25°Ω32'35	0.27516 AU
asc. node	-1258 May 06 j 05:25	8°858'44		morning rise	-1256 Sep 03 j 06:35	24°Ω01'33	
evening rise	-1258 May 20 j 00:24	25°854'16		direct	-1256 Sep 21 j 02:02	18°Ω02'58	
	-1258 May 23 j 08:31	0°II		greatest brilliancy	-1256 Oct 04 j 21:31	21°Ω32'04	-4.6m
	-1258 Jun 16 j 19:23	0°Z			-1256 Oct 18 j 06:43	0°η	
	-1258 Jul 11 j 06:55	0°Ω		asc. node	-1256 Oct 21 j 00:10	2°η08'37	
	-1258 Aug 04 j 20:33	0°η		morning max el	-1256 Nov 10 j 20:37	21°η31'17	46°54'05
desc. node	-1258 Aug 25 j 20:05	25°η27'21			-1256 Nov 18 j 22:38	0°Δ	
	-1258 Aug 29 j 14:27	0°Δ			-1256 Dec 15 j 15:29	0°ML	
	-1258 Sep 23 j 15:59	0°ML			-1255 Jan 10 j 01:25	0°X	
	-1258 Oct 19 j 08:31	0°X			-1255 Feb 04 j 00:32	0°Z	
	-1258 Nov 15 j 14:42	0°Z		desc. node	-1255 Feb 09 j 15:20	6°Z47'12	
evening max el	-1258 Nov 18 j 09:02	2°Z51'08	47°21'37		-1255 Feb 28 j 19:29	0°≈	
asc. node	-1258 Dec 16 j 21:53	28°Z06'58			-1255 Mar 25 j 12:30	0°X	
	-1258 Dec 19 j 18:48	0°≈			-1255 Apr 19 j 04:04	0°Y	
greatest brilliancy	-1258 Dec 25 j 16:02	3°≈16'03	-4.7m		-1255 May 13 j 17:49	0°8	
retrograde	-1257 Jan 08 j 10:50	6°≈48'01		morning set	-1255 May 14 j 15:09	1°805'17	
evening set	-1257 Jan 25 j 13:14	0°≈59'40		asc. node	-1255 Jun 02 j 17:21	24°829'24	
	-1257 Jan 27 j 04:00	30°RZ			-1255 Jun 07 j 04:56	0°II	
min. Earth dist.	-1257 Jan 28 j 12:15	29°Z09'21	0.27954 AU	max. Earth dist.	-1255 Jun 16 j 10:22	11°II21'30	1.73327 AU
inferior conj	-1257 Jan 29 j 10:29	28°Z34'12	8°10'41				
minimum elong	-1257 Jan 29 j 04:44	28°Z43'19	8°10'08	superior conj	-1255 Jun 19 j 18:09	15°II27'21	0°38'48
morning rise	-1257 Feb 01 j 20:36	26°Z26'31		minimum elong	-1255 Jun 19 j 11:12	15°II05'57	0°38'31
direct	-1257 Feb 19 j 07:16	20°Z33'36			-1255 Jul 01 j 12:49	0°Z	
greatest brilliancy	-1257 Mar 02 j 00:25	22°Z40'39	-4.5m	evening rise	-1255 Jul 25 j 14:06	29°Z48'40	
	-1257 Mar 15 j 12:17	0°≈			-1255 Jul 25 j 17:45	0°Ω	
desc. node	-1257 Apr 07 j 12:49	19°≈13'11			-1255 Aug 18 j 21:01	0°η	
morning max el	-1257 Apr 09 j 09:03	20°≈58'36	45°56'32		-1255 Sep 12 j 00:20	0°Δ	
	-1257 Apr 18 j 12:18	0°X		desc. node	-1255 Sep 22 j 08:05	12°Δ48'22	
	-1257 May 16 j 14:33	0°Y			-1255 Oct 06 j 05:17	0°ML	
	-1257 Jun 12 j 00:00	0°8			-1255 Oct 30 j 13:28	0°X	
	-1257 Jul 07 j 11:39	0°II			-1255 Nov 24 j 04:04	0°Z	
asc. node	-1257 Jul 29 j 14:50	26°II41'43			-1255 Dec 19 j 08:45	0°≈	
	-1257 Aug 01 j 07:52	0°Z		asc. node	-1254 Jan 13 j 09:39	28°≈19'36	
	-1257 Aug 25 j 16:20	0°Ω			-1254 Jan 14 j 22:49	0°X	
greatest brilliancy	-1257 Sep 04 j 13:23	12°Ω17'59	-3.9m	evening max el	-1254 Jan 28 j 12:26	14°X05'57	46°11'02
	-1257 Sep 18 j 16:43	0°η			-1254 Feb 14 j 20:35	0°Y	
morning set	-1257 Oct 03 j 21:43	19°η07'41		greatest brilliancy	-1254 Mar 04 j 08:53	11°Y46'42	-4.5m
	-1257 Oct 12 j 12:49	0°Δ		retrograde	-1254 Mar 19 j 01:52	15°Y37'31	
	-1257 Nov 05 j 07:50	0°ML		evening set	-1254 Apr 04 j 12:42	10°Y24'26	
				inferior conj	-1254 Apr 09 j 12:33	7°Y19'29	5°26'39
superior conj	-1257 Nov 13 j 13:49	10°ML23'28	0°11'03	minimum elong	-1254 Apr 09 j 21:41	7°Y05'00	5°24'38
minimum elong	-1257 Nov 13 j 16:47	10°ML32'49	0°10'53	min. Earth dist.	-1254 Apr 09 j 19:32	7°Y08'25	0.29083 AU
behind sun begin	-1257 Nov 12 j 20:33	9°ML29'04		morning rise	-1254 Apr 15 j 06:43	3°Y47'50	
behind sun end	-1257 Nov 14 j 13:02	11°ML36'33			-1254 Apr 23 j 22:02	30°RX	
max. Earth dist.	-1257 Nov 15 j 23:57	13°ML26'29	1.70998 AU	direct	-1254 May 01 j 03:03	28°X58'21	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 30

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1254 May 05 j 00:38	29° X 15'31			-1252 Dec 07 j 07:07	0° Z	
	-1254 May 08 j 14:49	0° Y			-1252 Dec 31 j 13:28	0° \approx	
greatest brilliancy	-1254 May 14 j 04:36	1° Y 57'26	-4.5m		-1251 Jan 25 j 05:07	0° X	
morning max el	-1254 Jun 18 j 21:56	28° Y 42'17	45°48'14	asc. node	-1251 Feb 09 j 21:38	18° X 41'35	
	-1254 Jun 20 j 06:20	0° X			-1251 Feb 19 j 13:48	0° Y	
	-1254 Jul 19 j 01:37	0° II			-1251 Mar 18 j 06:58	0° X	
	-1254 Aug 14 j 09:20	0° Z		evening max el	-1251 Apr 09 j 06:46	22° X 32'04	45°16'23
asc. node	-1254 Aug 26 j 02:46	13° Z 52'55			-1251 Apr 17 j 08:44	0° II	
	-1254 Sep 08 j 11:46	0° Q		greatest brilliancy	-1251 May 13 j 19:30	18° II 38'10	-4.5m
	-1254 Oct 02 j 21:13	0° P		retrograde	-1251 May 27 j 16:19	21° II 57'54	
	-1254 Oct 26 j 21:40	0° Q		desc. node	-1251 Jun 01 j 12:31	21° II 30'15	
	-1254 Nov 19 j 18:46	0° R		evening set	-1251 Jun 11 j 18:33	17° II 36'13	
	-1254 Dec 13 j 15:59	0° X		inferior conj	-1251 Jun 18 j 01:35	13° II 52'39	-3°-45'-2
desc. node	-1254 Dec 15 j 17:44	2° X 36'01		minimum elong	-1251 Jun 17 j 17:56	14° II 04'28	3°43'01
morning set	-1254 Dec 19 j 13:22	7° X 23'17		min. Earth dist.	-1251 Jun 18 j 07:01	13° II 44'14	0.28761 AU
	-1253 Jan 06 j 14:55	0° Z		morning rise	-1251 Jun 23 j 16:59	10° II 29'46	
				direct	-1251 Jul 09 j 17:32	5° II 37'15	
superior conj	-1253 Jan 30 j 00:45	29° Z 11'54	-1°-20'-48	greatest brilliancy	-1251 Jul 24 j 05:46	9° II 18'01	-4.5m
minimum elong	-1253 Jan 29 j 18:11	28° Z 51'28	1°20'45		-1251 Aug 21 j 07:47	0° Z	
	-1253 Jan 30 j 16:13	0° \approx		morning max el	-1251 Aug 28 j 10:06	6° Z 47'29	46°20'30
max. Earth dist.	-1253 Feb 03 j 03:26	4° \approx 18'42	1.72217 AU		-1251 Sep 19 j 10:23	0° Q	
	-1253 Feb 23 j 20:26	0° X		asc. node	-1251 Sep 22 j 14:37	3° Q 32'47	
evening rise	-1253 Mar 10 j 06:46	17° X 49'15			-1251 Oct 15 j 10:43	0° P	
	-1253 Mar 20 j 04:12	0° Y			-1251 Nov 09 j 06:36	0° Q	
asc. node	-1253 Apr 07 j 19:37	22° Y 51'08			-1251 Dec 03 j 14:44	0° R	
	-1253 Apr 13 j 16:05	0° X			-1251 Dec 27 j 19:15	0° X	
	-1253 May 08 j 08:37	0° II		desc. node	-1250 Jan 12 j 05:33	19° X 08'22	
	-1253 Jun 02 j 06:54	0° Z			-1250 Jan 20 j 23:49	0° Z	
	-1253 Jun 27 j 13:31	0° Q			-1250 Feb 14 j 05:46	0° \approx	
	-1253 Jul 23 j 10:22	0° P		morning set	-1250 Mar 04 j 18:16	22° \approx 51'33	
desc. node	-1253 Jul 28 j 10:06	5° P 39'55			-1250 Mar 10 j 13:18	0° X	
	-1253 Aug 19 j 11:33	0° Q			-1250 Apr 03 j 22:21	0° Y	
evening max el	-1253 Sep 04 j 15:23	16° Q 41'19	47°02'20				
	-1253 Sep 18 j 21:01	0° R		superior conj	-1250 Apr 11 j 07:33	9° Y 04'30	0°-52'-31
greatest brilliancy	-1253 Oct 13 j 22:31	16° R 50'07	-4.7m	minimum elong	-1250 Apr 11 j 16:23	9° Y 31'38	0°52'11
retrograde	-1253 Oct 25 j 01:02	19° R 09'13		max. Earth dist.	-1250 Apr 12 j 03:37	10° Y 06'07	1.73552 AU
evening set	-1253 Nov 08 j 13:25	14° R 58'41			-1250 Apr 28 j 08:30	0° X	
inferior conj	-1253 Nov 14 j 14:09	11° R 27'14	-1°00'-53	asc. node	-1250 May 05 j 07:33	8° X 32'31	
minimum elong	-1253 Nov 14 j 16:27	11° R 23'43	1°00'09	evening rise	-1250 May 17 j 19:37	23° X 53'03	
min. Earth dist.	-1253 Nov 14 j 10:12	11° R 33'15	0.26333 AU		-1250 May 22 j 19:16	0° II	
asc. node	-1253 Nov 18 j 12:05	9° R 06'37			-1250 Jun 16 j 06:21	0° Z	
morning rise	-1253 Nov 20 j 19:30	7° R 49'44			-1250 Jul 10 j 18:15	0° Q	
direct	-1253 Dec 04 j 19:45	3° R 52'11			-1250 Aug 04 j 08:26	0° P	
greatest brilliancy	-1253 Dec 16 j 15:02	6° R 28'40	-4.7m	desc. node	-1250 Aug 24 j 22:10	24° P 55'49	
	-1252 Jan 17 j 10:22	0° X			-1250 Aug 29 j 03:08	0° Q	
morning max el	-1252 Jan 24 j 00:43	6° X 25'24	46°37'45		-1250 Sep 23 j 05:53	0° R	
	-1252 Feb 15 j 10:22	0° Z			-1250 Oct 19 j 00:37	0° X	
desc. node	-1252 Mar 09 j 03:15	25° Z 27'59			-1250 Nov 15 j 12:16	0° Z	
	-1252 Mar 13 j 02:12	0° \approx		evening max el	-1250 Nov 16 j 01:08	0° Z 32'59	47°22'54
	-1252 Apr 07 j 21:14	0° X		asc. node	-1250 Dec 15 j 23:52	26° Z 45'11	
	-1252 May 03 j 05:18	0° Y			-1250 Dec 21 j 10:42	0° \approx	
	-1252 May 28 j 05:33	0° X		greatest brilliancy	-1250 Dec 23 j 09:33	0° \approx 59'00	-4.7m
	-1252 Jun 21 j 22:37	0° II		retrograde	-1249 Jan 06 j 02:24	4° \approx 28'07	
asc. node	-1252 Jun 30 j 05:06	10° II 07'22			-1249 Jan 20 j 21:58	30° R Z	
	-1252 Jul 16 j 08:36	0° Z		evening set	-1249 Jan 23 j 01:18	28° Z 45'01	
morning set	-1252 Jul 21 j 02:47	5° Z 53'05		min. Earth dist.	-1249 Jan 26 j 02:10	26° Z 51'52	0.27881 AU
	-1252 Aug 09 j 12:20	0° Q		inferior conj	-1249 Jan 27 j 01:19	26° Z 15'14	8°04'15
max. Earth dist.	-1252 Aug 23 j 21:48	17° Q 59'23	1.71784 AU	minimum elong	-1249 Jan 26 j 18:55	26° Z 25'21	8°03'35
				morning rise	-1249 Jan 30 j 12:58	24° Z 05'14	
superior conj	-1252 Aug 27 j 05:20	22° Q 08'30	1°24'16	direct	-1249 Feb 16 j 21:47	18° Z 16'06	
minimum elong	-1252 Aug 27 j 06:37	22° Q 12'31	1°24'16	greatest brilliancy	-1249 Feb 27 j 12:21	20° Z 20'54	-4.5m
	-1252 Sep 02 j 11:45	0° P			-1249 Mar 16 j 07:24	0° \approx	
	-1252 Sep 26 j 09:15	0° Q		desc. node	-1249 Apr 06 j 15:00	18° \approx 23'07	
evening rise	-1252 Oct 05 j 09:07	11° Q 17'53		morning max el	-1249 Apr 06 j 23:42	18° \approx 44'00	45°57'31
desc. node	-1252 Oct 19 j 20:09	29° Q 26'44			-1249 Apr 18 j 07:39	0° X	
	-1252 Oct 20 j 06:46	0° R			-1249 May 16 j 05:15	0° Y	
	-1252 Nov 13 j 05:38	0° X			-1249 Jun 11 j 12:45	0° X	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:44, page 32

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1244 Jun 21 j 09:34	0°♊		retrograde	-1241 Jan 03 j 17:24	2°≈07'19	
asc. node	-1244 Jun 29 j 07:13	9°♊40'25			-1241 Jan 13 j 19:28	30°♊	
	-1244 Jul 15 j 19:24	0°♊		evening set	-1241 Jan 20 j 13:10	26°♊29'54	
morning set	-1244 Jul 18 j 19:51	3°♊43'56		min. Earth dist.	-1241 Jan 23 j 16:26	24°♊33'07	0.27805 AU
	-1244 Aug 08 j 23:09	0°♊		inferior conj	-1241 Jan 24 j 16:06	23°♊55'39	7°57'01
max. Earth dist.	-1244 Aug 21 j 10:07	15°♊33'46	1.71837 AU	minimum elong	-1241 Jan 24 j 09:06	24°♊06'45	7°56'12
				morning rise	-1241 Jan 28 j 05:29	21°♊42'56	
superior conj	-1244 Aug 24 j 20:41	19°♊52'11	1°24'24	direct	-1241 Feb 14 j 11:49	15°♊57'56	
minimum elong	-1244 Aug 24 j 21:09	19°♊53'40	1°24'25	greatest brilliancy	-1241 Feb 25 j 01:06	18°♊01'20	-4.6m
	-1244 Sep 01 j 22:39	0°♊			-1241 Mar 16 j 21:51	0°≈	
	-1244 Sep 25 j 20:16	0°♊		morning max el	-1241 Apr 04 j 13:17	16°≈26'10	45°58'34
evening rise	-1244 Oct 02 j 20:35	8°♊48'27		desc. node	-1241 Apr 05 j 17:01	17°≈33'06	
desc. node	-1244 Oct 18 j 22:10	28°♊58'04			-1241 Apr 18 j 02:37	0°♋	
	-1244 Oct 19 j 17:55	0°♋			-1241 May 15 j 19:57	0°♋	
	-1244 Nov 12 j 16:56	0°♋			-1241 Jun 11 j 01:41	0°♋	
	-1244 Dec 06 j 18:37	0°♋			-1241 Jul 06 j 11:28	0°♋	
	-1244 Dec 31 j 01:19	0°≈		asc. node	-1241 Jul 27 j 19:09	25°♋44'59	
	-1243 Jan 24 j 17:35	0°♋			-1241 Jul 31 j 06:43	0°♋	
asc. node	-1243 Feb 08 j 23:46	18°♋09'20			-1241 Aug 24 j 14:42	0°♋	
	-1243 Feb 19 j 03:30	0°♋		greatest brilliancy	-1241 Sep 08 j 16:05	18°♋46'58	-3.9m
	-1243 Mar 17 j 23:37	0°♋			-1241 Sep 17 j 14:53	0°♋	
evening max el	-1243 Apr 06 j 23:29	20°♋23'53	45°17'02	morning set	-1241 Sep 28 j 23:05	14°♋15'35	
	-1243 Apr 17 j 11:57	0°♋			-1241 Oct 11 j 10:58	0°♋	
greatest brilliancy	-1243 May 11 j 10:40	16°♋28'10	-4.5m		-1241 Nov 04 j 06:04	0°♋	
retrograde	-1243 May 25 j 08:09	19°♋48'19					
desc. node	-1243 May 31 j 14:33	19°♋02'06		superior conj	-1241 Nov 08 j 08:42	5°♋10'40	0°18'56
evening set	-1243 Jun 09 j 09:27	15°♋28'17		minimum elong	-1241 Nov 08 j 13:40	5°♋26'20	0°18'41
inferior conj	-1243 Jun 15 j 17:34	11°♋42'42	-3°-26'-45	max. Earth dist.	-1241 Nov 10 j 04:05	7°♋27'16	1.70976 AU
minimum elong	-1243 Jun 15 j 10:26	11°♋53'45	3°24'49	desc. node	-1241 Nov 16 j 10:00	15°♋19'07	
min. Earth dist.	-1243 Jun 15 j 22:53	11°♋34'27	0.28782 AU		-1241 Nov 28 j 02:08	0°♋	
morning rise	-1243 Jun 21 j 11:08	8°♋16'30		evening rise	-1241 Dec 20 j 11:27	28°♋05'01	
direct	-1243 Jul 07 j 10:16	3°♋27'08			-1241 Dec 22 j 00:11	0°♋	
greatest brilliancy	-1243 Jul 21 j 20:22	7°♋05'29	-4.5m		-1240 Jan 15 j 01:12	0°≈	
	-1243 Aug 21 j 08:28	0°♋			-1240 Feb 08 j 06:50	0°♋	
morning max el	-1243 Aug 26 j 01:07	4°♋32'01	46°18'53		-1240 Mar 03 j 19:35	0°♋	
	-1243 Sep 19 j 02:53	0°♋		asc. node	-1240 Mar 08 j 11:48	5°♋39'48	
asc. node	-1243 Sep 21 j 16:42	2°♋53'23			-1240 Mar 28 j 18:48	0°♋	
	-1243 Oct 15 j 00:41	0°♋			-1240 Apr 23 j 09:29	0°♋	
	-1243 Nov 08 j 19:23	0°♋			-1240 May 20 j 02:12	0°♋	
	-1243 Dec 03 j 02:52	0°♋		evening max el	-1240 Jun 17 j 05:38	29°♋02'32	45°38'48
	-1243 Dec 27 j 06:56	0°♋			-1240 Jun 18 j 05:45	0°♋	
desc. node	-1242 Jan 11 j 07:43	18°♋39'28		desc. node	-1240 Jun 28 j 02:33	8°♋58'06	
	-1242 Jan 20 j 11:12	0°♋		greatest brilliancy	-1240 Jul 25 j 09:04	26°♋55'56	-4.5m
	-1242 Feb 13 j 16:53	0°≈		retrograde	-1240 Aug 05 j 04:58	29°♋02'24	
morning set	-1242 Mar 02 j 09:19	20°≈36'06		evening set	-1240 Aug 23 j 05:53	23°♋03'11	
	-1242 Mar 10 j 00:15	0°♋		inferior conj	-1240 Aug 26 j 05:34	21°♋15'10	-8°-51'-2
	-1242 Apr 03 j 09:10	0°♋		minimum elong	-1240 Aug 26 j 06:28	21°♋13'48	8°51'03
				min. Earth dist.	-1240 Aug 26 j 21:16	20°♋51'13	0.27636 AU
superior conj	-1242 Apr 09 j 00:57	6°♋57'13	0°-55'00	morning rise	-1240 Aug 29 j 06:51	19°♋24'14	
minimum elong	-1242 Apr 09 j 09:58	7°♋24'55	0°54'41	direct	-1240 Sep 16 j 05:39	13°♋19'00	
max. Earth dist.	-1242 Apr 10 j 02:15	8°♋14'57	1.73528 AU	greatest brilliancy	-1240 Sep 30 j 06:24	16°♋52'44	-4.6m
	-1242 Apr 27 j 19:19	0°♋		asc. node	-1240 Oct 19 j 04:19	29°♋50'40	
asc. node	-1242 May 04 j 09:33	8°♋05'23			-1240 Oct 19 j 08:42	0°♋	
evening rise	-1242 May 15 j 14:35	21°♋50'37		morning max el	-1240 Nov 05 j 22:52	16°♋37'37	46°53'09
	-1242 May 22 j 06:10	0°♋			-1240 Nov 18 j 13:27	0°♋	
	-1242 Jun 15 j 17:28	0°♋			-1240 Dec 14 j 22:14	0°♋	
	-1242 Jul 10 j 05:45	0°♋			-1239 Jan 09 j 04:36	0°♋	
	-1242 Aug 03 j 20:29	0°♋			-1239 Feb 03 j 01:38	0°♋	
desc. node	-1242 Aug 24 j 00:18	24°♋23'59		desc. node	-1239 Feb 07 j 19:33	5°♋44'57	
	-1242 Aug 28 j 16:00	0°♋			-1239 Feb 27 j 19:13	0°≈	
	-1242 Sep 22 j 20:03	0°♋			-1239 Mar 24 j 11:15	0°♋	
	-1242 Oct 18 j 17:09	0°♋			-1239 Apr 18 j 02:09	0°♋	
evening max el	-1242 Nov 13 j 16:25	28°♋12'01	47°23'57	morning set	-1239 May 10 j 04:22	26°♋59'00	
	-1242 Nov 15 j 10:52	0°♋			-1239 May 12 j 15:31	0°♋	
asc. node	-1242 Dec 15 j 02:04	25°♋20'21		asc. node	-1239 May 31 j 21:30	23°♋35'55	
greatest brilliancy	-1242 Dec 21 j 03:43	28°♋41'54	-4.7m		-1239 Jun 06 j 02:29	0°♋	
	-1242 Dec 24 j 04:18	0°≈		max. Earth dist.	-1239 Jun 12 j 04:57	7°♋30'39	1.73402 AU

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1234 Jun 15 j 04:41	0°☾			-1231 Feb 02 j 13:54	0°☾		
	-1234 Jul 09 j 17:20	0°♌		desc. node	-1231 Feb 06 j 21:35	5°☾14'19		
	-1234 Aug 03 j 08:36	0°♍			-1231 Feb 27 j 06:50	0°≈		
desc. node	-1234 Aug 23 j 02:19	23°♍51'40			-1231 Mar 23 j 22:27	0°✠		
	-1234 Aug 28 j 04:56	0°♊			-1231 Apr 17 j 13:04	0°♑		
	-1234 Sep 22 j 10:18	0°♋		morning set	-1231 May 07 j 22:52	24°♑55'54		
	-1234 Oct 18 j 09:54	0°♈			-1231 May 12 j 02:15	0°♉		
evening max el	-1234 Nov 11 j 06:33	25°♈48'17	47°24'47	asc. node	-1231 May 30 j 23:37	23°♉09'45		
	-1234 Nov 15 j 10:21	0°☾			-1231 Jun 05 j 13:08	0°♊		
asc. node	-1234 Dec 14 j 04:09	23°☾52'18		max. Earth dist.	-1231 Jun 10 j 04:14	5°♊41'47	1.73436 AU	
greatest brilliancy	-1234 Dec 18 j 21:28	26°☾23'51	-4.7m					
retrograde	-1233 Jan 01 j 07:53	29°☾46'06		superior conj	-1231 Jun 13 j 02:22	9°♊17'45	0°30'21	
evening set	-1233 Jan 18 j 00:44	24°☾14'21		minimum elong	-1231 Jun 12 j 20:41	9°♊00'13	0°30'06	
min. Earth dist.	-1233 Jan 21 j 06:54	22°☾13'24	0.27734 AU		-1231 Jun 29 j 21:06	0°☾		
inferior conj	-1233 Jan 22 j 06:47	21°☾35'37	7°48'51	evening rise	-1231 Jul 18 j 20:08	23°☾28'24		
minimum elong	-1233 Jan 21 j 23:14	21°☾47'34	7°47'52		-1231 Jul 24 j 02:27	0°♌		
morning rise	-1233 Jan 25 j 22:08	19°☾19'53			-1231 Aug 17 j 06:26	0°♍		
direct	-1233 Feb 12 j 01:21	13°☾39'04			-1231 Sep 10 j 10:45	0°♊		
greatest brilliancy	-1233 Feb 22 j 15:00	15°☾42'27	-4.6m	desc. node	-1231 Sep 19 j 14:21	11°♊19'58		
	-1233 Mar 17 j 08:45	0°≈			-1231 Oct 04 j 16:55	0°♋		
morning max el	-1233 Apr 02 j 02:32	14°≈07'13	45°59'41		-1231 Oct 29 j 02:41	0°♈		
desc. node	-1233 Apr 04 j 19:06	16°≈43'57			-1231 Nov 22 j 19:41	0°☾		
	-1233 Apr 17 j 21:08	0°✠			-1231 Dec 18 j 04:57	0°≈		
	-1233 May 15 j 10:27	0°♑		asc. node	-1230 Jan 10 j 15:57	26°≈11'24		
	-1233 Jun 10 j 14:27	0°♉			-1230 Jan 14 j 06:23	0°✠		
asc. node	-1233 Jul 05 j 23:21	0°♊		evening max el	-1230 Jan 21 j 09:23	7°✠18'01	46°19'43	
	-1233 Jul 26 j 21:07	25°♊15'58			-1230 Feb 16 j 12:35	0°♑		
	-1233 Jul 30 j 18:08	0°☾		greatest brilliancy	-1230 Feb 25 j 09:14	5°♑16'26	-4.5m	
	-1233 Aug 24 j 01:53	0°♌		retrograde	-1230 Mar 12 j 05:24	9°♑12'02		
greatest brilliancy	-1233 Sep 10 j 05:17	21°♌23'49	-3.9m	evening set	-1230 Mar 28 j 22:33	3°♑46'04		
	-1233 Sep 17 j 01:57	0°♍		inferior conj	-1230 Apr 02 j 14:43	0°♑52'31	6°08'58	
morning set	-1233 Sep 26 j 12:12	11°♍51'00		minimum elong	-1230 Apr 03 j 00:01	0°♑37'49	6°07'09	
	-1233 Oct 10 j 22:00	0°♊		min. Earth dist.	-1230 Apr 02 j 19:45	0°♑44'33	0.29058 AU	
	-1233 Nov 03 j 17:06	0°♋			-1230 Apr 03 j 23:58	30°♐✠		
				morning rise	-1230 Apr 08 j 01:36	27°♐31'50		
superior conj	-1233 Nov 05 j 18:42	2°♋36'15	0°22'46	direct	-1230 Apr 24 j 03:52	22°♐31'40		
minimum elong	-1233 Nov 06 j 00:36	2°♋54'52	0°22'29	desc. node	-1230 May 02 j 06:54	23°♐44'36		
max. Earth dist.	-1233 Nov 07 j 06:47	4°♋29'56	1.70969 AU	greatest brilliancy	-1230 May 07 j 02:14	25°♐28'24	-4.5m	
desc. node	-1233 Nov 15 j 12:13	14°♋51'21			-1230 May 15 j 15:13	0°♑		
	-1233 Nov 27 j 13:11	0°♈		morning max el	-1230 Jun 12 j 00:17	22°♑19'37	45°47'04	
evening rise	-1233 Dec 17 j 21:30	25°♈31'35			-1230 Jun 19 j 20:17	0°♉		
	-1233 Dec 21 j 11:16	0°☾			-1230 Jul 17 j 22:59	0°♊		
	-1232 Jan 14 j 12:20	0°≈			-1230 Aug 13 j 00:36	0°☾		
	-1232 Feb 07 j 18:06	0°✠		asc. node	-1230 Aug 23 j 09:03	12°☾18'33		
	-1232 Mar 03 j 07:11	0°♑			-1230 Sep 07 j 00:11	0°♌		
asc. node	-1232 Mar 07 j 13:48	5°♑10'36			-1230 Oct 01 j 08:14	0°♍		
	-1232 Mar 28 j 07:02	0°♈			-1230 Oct 25 j 07:57	0°♊		
	-1232 Apr 22 j 22:59	0°♉			-1230 Nov 18 j 04:38	0°♋		
	-1232 May 19 j 18:25	0°☾		morning set	-1230 Dec 11 j 18:13	29°♌37'12		
evening max el	-1232 Jun 14 j 18:55	26°☾44'03	45°36'46		-1230 Dec 12 j 01:29	0°♈		
	-1232 Jun 18 j 06:02	0°♌		desc. node	-1230 Dec 12 j 23:58	1°♈10'32		
desc. node	-1232 Jun 27 j 04:36	7°♌57'49			-1229 Jan 05 j 00:05	0°☾		
greatest brilliancy	-1232 Jul 22 j 19:14	24°♌33'15	-4.5m					
retrograde	-1232 Aug 02 j 18:24	26°♌42'46		superior conj	-1229 Jan 22 j 12:17	21°☾51'34	-1°-16'-40	
evening set	-1232 Aug 20 j 18:26	20°♌44'00		minimum elong	-1229 Jan 22 j 03:26	21°☾23'56	1°16'31	
inferior conj	-1232 Aug 23 j 19:09	18°♌54'34	-8°-50'-58	max. Earth dist.	-1229 Jan 26 j 14:18	26°☾56'52	1.72048 AU	
minimum elong	-1232 Aug 23 j 19:08	18°♌54'36	8°50'58		-1229 Jan 29 j 01:08	0°≈		
min. Earth dist.	-1232 Aug 24 j 10:21	18°♌31'25	0.27696 AU		-1229 Feb 22 j 05:12	0°✠		
morning rise	-1232 Aug 26 j 19:39	17°♌04'56		evening rise	-1229 Mar 03 j 02:56	11°✠00'28		
direct	-1232 Sep 13 j 19:52	10°♌57'14			-1229 Mar 18 j 13:03	0°♑		
greatest brilliancy	-1232 Sep 27 j 23:11	14°♌34'04	-4.6m	asc. node	-1229 Apr 05 j 01:54	21°♑29'16		
asc. node	-1232 Oct 18 j 06:29	28°♌44'47			-1229 Apr 12 j 01:21	0°♈		
	-1232 Oct 19 j 16:49	0°♍			-1229 May 06 j 18:54	0°♉		
morning max el	-1232 Nov 03 j 13:24	14°♍14'54	46°52'51		-1229 May 31 j 19:04	0°☾		
	-1232 Nov 18 j 07:58	0°♊			-1229 Jun 26 j 04:59	0°♌		
	-1232 Dec 14 j 13:08	0°♋			-1229 Jul 22 j 07:51	0°♍		
	-1231 Jan 08 j 17:50	0°♈		desc. node	-1229 Jul 25 j 16:22	3°♍45'52		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1229 Aug 18 j 22:19	0°♄				-1226 Jan 19 j 10:00	0°♁	
evening max el	-1229 Aug 28 j 09:19	9°♄34'27	46°54'56			-1226 Feb 12 j 15:13	0°≈	
	-1229 Sep 20 j 13:06	0°♍		morning set		-1226 Feb 25 j 14:04	16°≈00'36	
greatest brilliancy	-1229 Oct 06 j 13:55	9°♍23'25	-4.7m			-1226 Mar 08 j 22:10	0°✠	
retrograde	-1229 Oct 17 j 14:31	11°♍38'38				-1226 Apr 02 j 06:49	0°♑	
evening set	-1229 Nov 01 j 06:37	7°♍22'26						
inferior conj	-1229 Nov 07 j 02:08	3°♍57'55	-2°-13'-53	superior conj		-1226 Apr 04 j 11:08	2°♑40'48	0°-59'-47
minimum elong	-1229 Nov 07 j 07:07	3°♍50'20	2°12'19	minimum elong		-1226 Apr 04 j 20:21	3°♑09'09	0°59'28
min. Earth dist.	-1229 Nov 07 j 01:52	3°♍58'20	0.26337 AU	max. Earth dist.		-1226 Apr 05 j 18:53	4°♑18'24	1.73464 AU
morning rise	-1229 Nov 13 j 07:44	0°♍21'04				-1226 Apr 26 j 16:53	0°♄	
	-1229 Nov 14 j 00:02	30°♌		asc. node		-1226 May 02 j 13:50	7°♄12'19	
asc. node	-1229 Nov 15 j 18:20	29°♌08'53		evening rise		-1226 May 11 j 04:15	17°♄45'16	
direct	-1229 Nov 27 j 09:54	26°♌23'15				-1226 May 21 j 03:55	0°♐	
greatest brilliancy	-1229 Dec 09 j 07:48	29°♌04'05	-4.7m			-1226 Jun 14 j 15:41	0°♑	
	-1229 Dec 11 j 08:55	0°♍				-1226 Jul 09 j 04:43	0°♌	
morning max el	-1228 Jan 16 j 18:27	29°♍15'49	46°41'25			-1226 Aug 02 j 20:35	0°♎	
	-1228 Jan 17 j 12:03	0°♎		desc. node		-1226 Aug 22 j 04:26	23°♎19'56	
	-1228 Feb 14 j 12:55	0°♁				-1226 Aug 27 j 17:49	0°♄	
desc. node	-1228 Mar 06 j 09:30	23°♁41'43				-1226 Sep 22 j 00:37	0°♍	
	-1228 Mar 11 j 20:22	0°≈				-1226 Oct 18 j 02:56	0°♎	
	-1228 Apr 06 j 11:07	0°✠		evening max el		-1226 Nov 08 j 20:07	23°♎23'10	47°25'40
	-1228 May 01 j 16:41	0°♑				-1226 Nov 15 j 10:53	0°♁	
	-1228 May 26 j 15:23	0°♄		asc. node		-1226 Dec 13 j 06:09	22°♁21'00	
asc. node	-1228 Jun 20 j 07:33	0°♐		greatest brilliancy		-1226 Dec 16 j 14:29	24°♁04'38	-4.7m
morning set	-1228 Jun 27 j 11:22	8°♐46'00		retrograde		-1226 Dec 29 j 22:29	27°♁24'50	
	-1228 Jul 14 j 06:40	29°♐27'38		evening set		-1225 Jan 15 j 12:05	21°♁58'32	
	-1228 Jul 14 j 17:09	0°♑		min. Earth dist.		-1225 Jan 18 j 21:17	19°♁53'22	0.27664 AU
	-1228 Aug 07 j 20:53	0°♌		inferior conj		-1225 Jan 19 j 21:22	19°♁15'19	7°39'43
max. Earth dist.	-1228 Aug 16 j 09:05	10°♌37'26	1.71951 AU	minimum elong		-1225 Jan 19 j 13:18	19°♁28'04	7°38'34
				morning rise		-1225 Jan 23 j 14:55	16°♁56'25	
superior conj	-1228 Aug 20 j 04:19	15°♌22'34	1°24'16	direct		-1225 Feb 09 j 14:32	11°♁19'44	
minimum elong	-1228 Aug 20 j 03:14	15°♌19'13	1°24'16	greatest brilliancy		-1225 Feb 20 j 05:18	13°♁23'55	-4.6m
	-1228 Aug 31 j 20:34	0°♎				-1225 Mar 17 j 16:45	0°≈	
	-1228 Sep 24 j 18:26	0°♄		morning max el		-1225 Mar 30 j 16:28	11°≈49'49	46°00'56
evening rise	-1228 Sep 27 j 20:04	3°♄51'04		desc. node		-1225 Apr 03 j 21:17	15°≈55'57	
desc. node	-1228 Oct 17 j 02:25	28°♄00'58				-1225 Apr 17 j 15:08	0°✠	
	-1228 Oct 18 j 16:25	0°♍				-1225 May 15 j 00:44	0°♑	
	-1228 Nov 11 j 15:49	0°♎				-1225 Jun 10 j 03:05	0°♄	
	-1228 Dec 05 j 18:00	0°♁				-1225 Jul 05 j 11:07	0°♐	
	-1228 Dec 30 j 01:25	0°≈		asc. node		-1225 Jul 25 j 23:18	24°♐47'59	
	-1227 Jan 23 j 18:56	0°✠				-1225 Jul 30 j 05:27	0°♑	
asc. node	-1227 Feb 07 j 03:54	17°✠03'11				-1225 Aug 23 j 12:59	0°♌	
	-1227 Feb 18 j 07:29	0°♑		greatest brilliancy		-1225 Sep 11 j 09:42	23°♌33'25	-3.9m
	-1227 Mar 17 j 10:05	0°♄				-1225 Sep 16 j 12:59	0°♎	
evening max el	-1227 Apr 02 j 06:37	16°♄01'37	45°18'39	morning set		-1225 Sep 24 j 01:30	9°♎27'05	
	-1227 Apr 18 j 00:07	0°♐				-1225 Oct 10 j 09:03	0°♄	
greatest brilliancy	-1227 May 06 j 17:15	12°♐08'40	-4.5m					
retrograde	-1227 May 20 j 15:06	15°♐30'14		superior conj		-1225 Nov 03 j 04:29	0°♍00'50	0°26'35
desc. node	-1227 May 29 j 18:45	13°♐52'13		minimum elong		-1225 Nov 03 j 11:16	0°♍22'12	0°26'15
evening set	-1227 Jun 04 j 15:57	11°♐12'20				-1225 Nov 03 j 04:13	0°♍	
inferior conj	-1227 Jun 11 j 01:49	7°♐24'00	-2°-49'-30	max. Earth dist.		-1225 Nov 04 j 11:30	1°♍38'34	1.70970 AU
minimum elong	-1227 Jun 10 j 19:51	7°♐33'18	2°47'50	desc. node		-1225 Nov 14 j 14:15	14°♍22'44	
min. Earth dist.	-1227 Jun 11 j 07:55	7°♐14'31	0.28823 AU			-1225 Nov 27 j 00:21	0°♎	
morning rise	-1227 Jun 16 j 23:20	3°♐51'23		evening rise		-1225 Dec 15 j 07:04	22°♎56'16	
	-1227 Jun 26 j 02:20	30°♌				-1225 Dec 20 j 22:27	0°♁	
direct	-1227 Jul 02 j 18:32	29°♌07'42				-1224 Jan 13 j 23:34	0°≈	
	-1227 Jul 09 j 15:33	0°♐				-1224 Feb 07 j 05:30	0°✠	
greatest brilliancy	-1227 Jul 17 j 02:31	2°♐42'02	-4.5m			-1224 Mar 02 j 18:56	0°♑	
morning max el	-1227 Aug 21 j 05:36	29°♐57'42	46°15'59	asc. node		-1224 Mar 06 j 16:01	4°♑41'36	
	-1227 Aug 21 j 06:32	0°♑				-1224 Mar 27 j 19:27	0°♄	
	-1227 Sep 18 j 11:01	0°♌				-1224 Apr 22 j 12:43	0°♐	
asc. node	-1227 Sep 19 j 20:54	1°♌35'55				-1224 May 19 j 11:02	0°♑	
	-1227 Oct 14 j 04:11	0°♎		evening max el		-1224 Jun 12 j 09:22	24°♑28'29	45°34'58
	-1227 Nov 07 j 20:44	0°♄				-1224 Jun 18 j 07:34	0°♌	
	-1227 Dec 02 j 03:00	0°♍		desc. node		-1224 Jun 26 j 06:40	6°♌56'12	
	-1227 Dec 26 j 06:19	0°♎		greatest brilliancy		-1224 Jul 20 j 05:02	22°♌10'54	-4.5m
desc. node	-1226 Jan 09 j 11:49	17°♎40'44		retrograde		-1224 Jul 31 j 08:22	24°♌23'54	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening set	-1224 Aug 18 j 06:48	18° Ω 26'20		minimum elong	-1221 Jan 19 j 14:13	18° Ξ 53'01	1°14'47
inferior conj	-1224 Aug 21 j 08:58	16° Ω 34'46	-8°-49'-57	max. Earth dist.	-1221 Jan 24 j 04:34	24° Ξ 36'58	1.71996 AU
minimum elong	-1224 Aug 21 j 08:05	16° Ω 36'08	8°49'56		-1221 Jan 28 j 12:18	0° \approx	
min. Earth dist.	-1224 Aug 21 j 23:17	16° Ω 12'58	0.27753 AU		-1221 Feb 21 j 16:22	0° H	
morning rise	-1224 Aug 24 j 09:11	14° Ω 45'39		evening rise	-1221 Feb 28 j 17:07	8° H 41'41	
direct	-1224 Sep 11 j 10:48	8° Ω 36'31			-1221 Mar 18 j 00:14	0° Υ	
greatest brilliancy	-1224 Sep 25 j 14:57	12° Ω 14'47	-4.6m	asc. node	-1221 Apr 04 j 03:57	21° Υ 01'02	
asc. node	-1224 Oct 17 j 08:38	27° Ω 40'36			-1221 Apr 11 j 12:43	0° B	
	-1224 Oct 19 j 22:36	0° H			-1221 May 06 j 06:39	0° Π	
morning max el	-1224 Nov 01 j 04:42	11° H 54'09	46°52'08		-1221 May 31 j 07:30	0° Ξ	
	-1224 Nov 18 j 02:10	0° $\underline{\Delta}$			-1221 Jun 25 j 18:39	0° Ω	
	-1224 Dec 14 j 04:04	0° M			-1221 Jul 21 j 23:45	0° H	
	-1223 Jan 08 j 07:13	0° H		desc. node	-1221 Jul 24 j 18:32	3° H 06'32	
	-1223 Feb 02 j 02:22	0° Ξ			-1221 Aug 18 j 19:25	0° $\underline{\Delta}$	
desc. node	-1223 Feb 05 j 23:46	4° Ξ 43'28		evening max el	-1221 Aug 25 j 23:04	7° $\underline{\Delta}$ 11'08	46°52'21
	-1223 Feb 26 j 18:40	0° \approx			-1221 Sep 21 j 12:34	0° M	
	-1223 Mar 23 j 09:51	0° H		greatest brilliancy	-1221 Oct 04 j 04:35	6° M 56'14	-4.7m
	-1223 Apr 17 j 00:11	0° Υ		retrograde	-1221 Oct 15 j 02:21	9° M 08'14	
morning set	-1223 May 05 j 17:14	22° Υ 51'42		evening set	-1221 Oct 29 j 20:53	4° M 50'06	
	-1223 May 11 j 13:12	0° B		inferior conj	-1221 Nov 04 j 14:17	1° M 28'21	-2°-37'-37
asc. node	-1223 May 30 j 01:37	22° B 42'28		minimum elong	-1221 Nov 04 j 20:05	1° M 19'30	2°35'50
	-1223 Jun 05 j 00:01	0° Π		min. Earth dist.	-1221 Nov 04 j 15:35	1° M 26'22	0.26341 AU
max. Earth dist.	-1223 Jun 08 j 03:06	3° Π 50'55	1.73465 AU		-1221 Nov 07 j 00:45	30° R $\underline{\Delta}$	
				morning rise	-1221 Nov 10 j 19:21	27° $\underline{\Delta}$ 51'56	
superior conj	-1223 Jun 10 j 21:01	7° Π 13'47	0°27'25	asc. node	-1221 Nov 14 j 20:18	25° $\underline{\Delta}$ 58'21	
minimum elong	-1223 Jun 10 j 15:48	6° Π 57'44	0°27'12	direct	-1221 Nov 24 j 22:10	23° $\underline{\Delta}$ 53'48	
	-1223 Jun 29 j 08:01	0° Ξ		greatest brilliancy	-1221 Dec 06 j 21:35	26° $\underline{\Delta}$ 35'46	-4.7m
evening rise	-1223 Jul 16 j 14:23	21° Ξ 22'06			-1221 Dec 13 j 11:37	0° M	
	-1223 Jul 23 j 13:30	0° Ω		morning max el	-1220 Jan 14 j 06:52	26° M 48'09	46°42'30
	-1223 Aug 16 j 17:42	0° H			-1220 Jan 17 j 10:38	0° H	
	-1223 Sep 09 j 22:21	0° $\underline{\Delta}$			-1220 Feb 14 j 05:20	0° Ξ	
desc. node	-1223 Sep 18 j 16:32	10° $\underline{\Delta}$ 50'26		desc. node	-1220 Mar 05 j 11:39	23° Ξ 06'22	
	-1223 Oct 04 j 04:57	0° M			-1220 Mar 11 j 10:21	0° \approx	
	-1223 Oct 28 j 15:18	0° H			-1220 Apr 05 j 23:51	0° H	
	-1223 Nov 22 j 09:13	0° Ξ			-1220 May 01 j 04:39	0° Υ	
	-1223 Dec 17 j 20:15	0° \approx			-1220 May 26 j 02:52	0° B	
asc. node	-1222 Jan 09 j 18:06	25° \approx 26'57			-1220 Jun 19 j 18:45	0° Π	
	-1222 Jan 14 j 02:14	0° H		asc. node	-1220 Jun 26 j 13:32	8° Π 18'26	
evening max el	-1222 Jan 19 j 01:43	5° H 04'27	46°22'33	morning set	-1220 Jul 11 j 23:53	27° Π 18'18	
	-1222 Feb 17 j 13:04	0° Υ			-1220 Jul 14 j 04:14	0° Ξ	
greatest brilliancy	-1222 Feb 23 j 02:48	3° Υ 07'05	-4.5m		-1220 Aug 07 j 07:59	0° Ω	
retrograde	-1222 Mar 09 j 22:35	7° Υ 01'45		max. Earth dist.	-1220 Aug 13 j 21:45	8° Ω 12'20	1.72011 AU
evening set	-1222 Mar 26 j 17:46	1° Υ 31'52					
	-1222 Mar 29 j 05:48	30° R H		superior conj	-1220 Aug 17 j 20:10	13° Ω 07'18	1°24'00
inferior conj	-1222 Mar 31 j 07:14	28° H 41'57	6°22'09	minimum elong	-1220 Aug 17 j 18:19	13° Ω 01'33	1°24'00
minimum elong	-1222 Mar 31 j 16:29	28° H 27'18	6°20'25		-1220 Aug 31 j 07:45	0° H	
min. Earth dist.	-1222 Mar 31 j 11:10	28° H 35'42	0.29044 AU		-1220 Sep 24 j 05:44	0° $\underline{\Delta}$	
morning rise	-1222 Apr 05 j 15:25	25° H 25'10		evening rise	-1220 Sep 25 j 08:05	1° $\underline{\Delta}$ 22'38	
direct	-1222 Apr 21 j 20:34	20° H 21'34		desc. node	-1220 Oct 16 j 04:24	27° $\underline{\Delta}$ 31'22	
desc. node	-1222 May 01 j 08:55	22° H 00'42			-1220 Oct 18 j 03:51	0° M	
greatest brilliancy	-1222 May 04 j 15:25	23° H 15'13	-4.5m		-1220 Nov 11 j 03:26	0° H	
	-1222 May 16 j 14:48	0° Υ			-1220 Dec 05 j 05:50	0° Ξ	
morning max el	-1222 Jun 09 j 16:57	20° Υ 11'06	45°46'40		-1220 Dec 29 j 13:37	0° \approx	
	-1222 Jun 19 j 15:57	0° B			-1219 Jan 23 j 07:49	0° H	
	-1222 Jul 17 j 13:56	0° Π		asc. node	-1219 Feb 06 j 06:03	16° H 29'42	
	-1222 Aug 12 j 13:43	0° Ξ			-1219 Feb 17 j 21:50	0° Υ	
asc. node	-1222 Aug 22 j 11:12	11° Ξ 46'53			-1219 Mar 17 j 04:07	0° B	
	-1222 Sep 06 j 12:25	0° Ω		evening max el	-1219 Mar 30 j 21:23	13° B 47'48	45°19'31
	-1222 Sep 30 j 20:00	0° H			-1219 Apr 18 j 10:24	0° Π	
	-1222 Oct 24 j 19:29	0° $\underline{\Delta}$		greatest brilliancy	-1219 May 04 j 07:10	9° Π 56'24	-4.5m
	-1222 Nov 17 j 16:01	0° M		retrograde	-1219 May 18 j 06:43	13° Π 20'44	
morning set	-1222 Dec 09 j 04:05	27° M 02'05		desc. node	-1219 May 28 j 20:50	11° Π 09'44	
	-1222 Dec 11 j 12:46	0° H		evening set	-1219 Jun 02 j 07:24	9° Π 03'03	
desc. node	-1222 Dec 12 j 02:01	0° H 41'34		inferior conj	-1219 Jun 08 j 17:58	5° Π 14'00	-2°-30'-28
	-1221 Jan 04 j 11:18	0° Ξ		minimum elong	-1219 Jun 08 j 12:36	5° Π 22'21	2°28'57
				min. Earth dist.	-1219 Jun 09 j 00:38	5° Π 03'38	0.28846 AU
superior conj	-1221 Jan 19 j 23:42	19° Ξ 22'37	-1°-14'-58	morning rise	-1219 Jun 14 j 17:18	1° Π 38'35	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1214 Jul 17 j 04:23	0°♄	asc. node	-1211 Feb 05 j 08:05	15°♄56'19	
	-1214 Aug 12 j 02:28	0°♅		-1211 Feb 17 j 12:05	0°♄	
asc. node	-1214 Aug 21 j 13:14	11°♅15'49		-1211 Mar 16 j 22:16	0°♄	
	-1214 Sep 06 j 00:23	0°♄	evening max el	-1211 Mar 28 j 12:10	11°♄35'01	45°20'42
	-1214 Sep 30 j 07:36	0°♅		-1211 Apr 18 j 23:37	0°♄	
	-1214 Oct 24 j 06:53	0°♅	greatest brilliancy	-1211 May 01 j 20:28	7°♄44'35	-4.5m
	-1214 Nov 17 j 03:16	0°♅	retrograde	-1211 May 15 j 22:52	11°♄12'43	
morning set	-1214 Dec 06 j 13:37	24°♄26'16	desc. node	-1211 May 27 j 23:02	8°♄24'29	
	-1214 Dec 10 j 23:55	0°♄	evening set	-1211 May 30 j 23:08	6°♄54'50	
desc. node	-1214 Dec 11 j 04:13	0°♄13'30	inferior conj	-1211 Jun 06 j 10:11	3°♄05'19	-2°-11'-21
	-1213 Jan 03 j 22:21	0°♄	minimum elong	-1211 Jun 06 j 05:27	3°♄12'40	2°10'00
			min. Earth dist.	-1211 Jun 06 j 17:12	2°♄54'25	0.28866 AU
superior conj	-1213 Jan 17 j 10:49	16°♄53'15		-1211 Jun 11 j 12:19	30°♄	
minimum elong	-1213 Jan 17 j 00:46	16°♄21'53	morning rise	-1211 Jun 12 j 11:16	29°♄27'31	
max. Earth dist.	-1213 Jan 21 j 18:47	22°♄17'25	direct	-1211 Jun 28 j 02:07	24°♄47'45	
	-1213 Jan 27 j 23:17	0°♄	greatest brilliancy	-1211 Jul 12 j 12:05	28°♄23'13	-4.5m
	-1213 Feb 21 j 03:18	0°♄		-1211 Jul 15 j 16:31	0°♄	
evening rise	-1213 Feb 26 j 07:08	6°♄22'55	morning max el	-1211 Aug 16 j 12:02	25°♄28'39	46°13'20
	-1213 Mar 17 j 11:13	0°♄		-1211 Aug 21 j 01:11	0°♄	
asc. node	-1213 Apr 03 j 06:00	20°♄33'33		-1211 Sep 17 j 18:09	0°♄	
	-1213 Apr 10 j 23:50	0°♄	asc. node	-1211 Sep 18 j 01:02	0°♄19'38	
	-1213 May 05 j 18:08	0°♄		-1211 Oct 13 j 07:13	0°♄	
	-1213 May 30 j 19:40	0°♄		-1211 Nov 06 j 21:48	0°♄	
	-1213 Jun 25 j 08:01	0°♄		-1211 Dec 01 j 03:00	0°♄	
desc. node	-1213 Jul 21 j 15:29	0°♄	desc. node	-1211 Dec 25 j 05:36	0°♄	
	-1213 Jul 23 j 20:36	2°♄27'39		-1210 Jan 07 j 16:03	16°♄42'40	
	-1213 Aug 18 j 16:51	0°♄		-1210 Jan 18 j 08:44	0°♄	
evening max el	-1213 Aug 23 j 11:40	4°♄46'00		-1210 Feb 11 j 13:28	0°♄	
	-1213 Sep 22 j 20:27	0°♄	morning set	-1210 Feb 20 j 18:06	11°♄22'27	
greatest brilliancy	-1213 Oct 01 j 19:20	4°♄29'33		-1210 Mar 07 j 20:02	0°♄	
retrograde	-1213 Oct 12 j 13:35	6°♄38'11				
evening set	-1213 Oct 27 j 11:05	2°♄17'29	superior conj	-1210 Mar 30 j 20:59	28°♄23'12	-1°-4'-13
	-1213 Oct 31 j 10:07	30°♄	minimum elong	-1210 Mar 31 j 06:14	28°♄51'39	1°03'57
inferior conj	-1213 Nov 02 j 02:17	28°♄58'59		-1210 Apr 01 j 04:28	0°♄	
minimum elong	-1213 Nov 02 j 08:52	28°♄48'56	max. Earth dist.	-1210 Apr 01 j 07:31	0°♄09'25	1.73404 AU
min. Earth dist.	-1213 Nov 02 j 05:31	28°♄54'03		-1210 Apr 25 j 14:32	0°♄	
morning rise	-1213 Nov 08 j 06:33	25°♄23'14	asc. node	-1210 Apr 30 j 18:00	6°♄18'45	
asc. node	-1213 Nov 13 j 22:32	22°♄52'33	evening rise	-1210 May 06 j 17:38	13°♄39'03	
direct	-1213 Nov 22 j 09:53	21°♄24'02		-1210 May 20 j 01:48	0°♄	
greatest brilliancy	-1213 Dec 04 j 12:34	24°♄08'46		-1210 Jun 13 j 14:02	0°♄	
	-1213 Dec 14 j 21:25	0°♄		-1210 Jul 08 j 03:51	0°♄	
morning max el	-1212 Jan 11 j 19:00	24°♄19'44		-1210 Aug 01 j 20:56	0°♄	
	-1212 Jan 17 j 08:16	0°♄	desc. node	-1210 Aug 20 j 08:33	22°♄15'11	
	-1212 Feb 13 j 21:18	0°♄		-1210 Aug 26 j 20:01	0°♄	
desc. node	-1212 Mar 04 j 13:40	22°♄31'35		-1210 Sep 21 j 05:51	0°♄	
	-1212 Mar 10 j 23:59	0°♄		-1210 Oct 17 j 14:09	0°♄	
	-1212 Apr 05 j 12:13	0°♄	evening max el	-1210 Nov 04 j 01:11	18°♄37'45	47°27'07
	-1212 Apr 30 j 16:14	0°♄		-1210 Nov 15 j 16:08	0°♄	
	-1212 May 25 j 13:59	0°♄	asc. node	-1210 Dec 11 j 10:26	19°♄07'58	
	-1212 Jun 19 j 05:35	0°♄	greatest brilliancy	-1210 Dec 11 j 21:48	19°♄21'29	-4.7m
asc. node	-1212 Jun 25 j 15:41	7°♄51'57	retrograde	-1210 Dec 25 j 04:37	22°♄40'51	
morning set	-1212 Jul 09 j 17:35	25°♄11'37	evening set	-1209 Jan 10 j 10:12	17°♄25'02	
	-1212 Jul 13 j 14:56	0°♄	min. Earth dist.	-1209 Jan 14 j 01:06	15°♄12'15	0.27524 AU
	-1212 Aug 06 j 18:41	0°♄	inferior conj	-1209 Jan 15 j 02:07	14°♄32'57	7°18'49
max. Earth dist.	-1212 Aug 11 j 13:53	5°♄59'25	minimum elong	-1209 Jan 14 j 17:11	14°♄47'00	7°17'19
			morning rise	-1209 Jan 19 j 00:36	12°♄07'28	
superior conj	-1212 Aug 15 j 12:34	10°♄55'07	direct	-1209 Feb 04 j 17:24	6°♄39'18	
minimum elong	-1212 Aug 15 j 10:01	10°♄47'06	greatest brilliancy	-1209 Feb 15 j 08:31	8°♄44'31	-4.6m
	-1212 Aug 30 j 18:32	0°♄		-1209 Mar 18 j 02:17	0°♄	
evening rise	-1212 Sep 22 j 20:42	28°♄57'23	morning max el	-1209 Mar 25 j 22:39	7°♄20'28	46°03'28
	-1212 Sep 23 j 16:40	0°♄	desc. node	-1209 Apr 02 j 01:23	14°♄21'37	
desc. node	-1212 Oct 15 j 06:31	27°♄03'09		-1209 Apr 17 j 01:56	0°♄	
	-1212 Oct 17 j 15:00	0°♄		-1209 May 14 j 04:53	0°♄	
	-1212 Nov 10 j 14:49	0°♄		-1209 Jun 09 j 04:13	0°♄	
	-1212 Dec 04 j 17:30	0°♄		-1209 Jul 04 j 10:41	0°♄	
	-1212 Dec 29 j 01:39	0°♄	asc. node	-1209 Jul 24 j 03:24	23°♄50'59	
	-1211 Jan 22 j 20:34	0°♄		-1209 Jul 29 j 04:08	0°♄	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1209 Aug 22 j 11:13	0°♌		retrograde	-1206 Mar 05 j 07:56	2°♑42'29	
greatest brilliancy	-1209 Sep 13 j 07:39	27°♌18'41	-3.9m		-1206 Mar 16 j 21:59	30°♐18'	
	-1209 Sep 15 j 11:03	0°♐		evening set	-1206 Mar 22 j 08:21	27°♐05'23	
morning set	-1209 Sep 19 j 04:28	4°♐40'44		inferior conj	-1206 Mar 26 j 16:32	24°♐22'42	6°46'54
	-1209 Oct 09 j 07:08	0°♑		minimum elong	-1206 Mar 27 j 01:28	24°♐08'28	6°45'22
				min. Earth dist.	-1206 Mar 26 j 18:57	24°♐18'51	0.29005 AU
superior conj	-1209 Oct 29 j 00:34	24°♑51'52	0°33'58	morning rise	-1206 Mar 31 j 18:51	21°♐13'46	
minimum elong	-1209 Oct 29 j 08:52	25°♑18'02	0°33'35	direct	-1206 Apr 17 j 05:24	16°♐03'27	
max. Earth dist.	-1209 Oct 30 j 04:36	26°♑20'12	1.70971 AU	greatest brilliancy	-1206 Apr 29 j 17:15	18°♐49'38	-4.5m
	-1209 Nov 02 j 02:22	0°♒		desc. node	-1206 Apr 29 j 13:11	18°♐45'24	
desc. node	-1209 Nov 12 j 18:29	13°♒26'24			-1206 May 17 j 20:32	0°♑	
	-1209 Nov 25 j 22:34	0°♓		morning max el	-1206 Jun 05 j 00:09	15°♑50'22	45°46'03
evening rise	-1209 Dec 10 j 02:30	17°♓46'44			-1206 Jun 19 j 05:04	0°♒	
	-1209 Dec 19 j 20:44	0°♑			-1206 Jul 16 j 18:47	0°♒	
	-1208 Jan 12 j 22:00	0°♑			-1206 Aug 11 j 15:15	0°♑	
	-1208 Feb 06 j 04:16	0°♐		asc. node	-1206 Aug 20 j 15:22	10°♑44'54	
	-1208 Mar 01 j 18:23	0°♑			-1206 Sep 05 j 12:23	0°♌	
asc. node	-1208 Mar 04 j 20:06	3°♑42'42			-1206 Sep 29 j 19:11	0°♐	
	-1208 Mar 26 j 20:18	0°♒			-1206 Oct 23 j 18:16	0°♑	
	-1208 Apr 21 j 16:22	0°♒			-1206 Nov 16 j 14:32	0°♒	
	-1208 May 18 j 21:06	0°♑		morning set	-1206 Dec 03 j 23:11	21°♒50'20	
evening max el	-1208 Jun 07 j 15:55	20°♑01'42	45°31'09	desc. node	-1206 Dec 10 j 06:12	29°♒44'41	
	-1208 Jun 18 j 15:12	0°♌			-1206 Dec 10 j 11:05	0°♓	
desc. node	-1208 Jun 24 j 10:51	4°♌48'20			-1205 Jan 03 j 09:26	0°♑	
greatest brilliancy	-1208 Jul 15 j 02:27	17°♌28'38	-4.5m				
retrograde	-1208 Jul 26 j 11:34	19°♌45'57		superior conj	-1205 Jan 14 j 21:59	14°♑23'58	-1°-11'-5
evening set	-1208 Aug 13 j 06:20	13°♌53'33		minimum elong	-1205 Jan 14 j 11:26	13°♑51'02	1°10'50
inferior conj	-1208 Aug 16 j 12:36	11°♌55'29	-8°-45'-12	max. Earth dist.	-1205 Jan 19 j 07:00	19°♑51'31	1.71877 AU
minimum elong	-1208 Aug 16 j 09:57	11°♌59'32	8°45'06		-1205 Jan 27 j 10:17	0°♑	
min. Earth dist.	-1208 Aug 17 j 01:10	11°♌36'17	0.27861 AU		-1205 Feb 20 j 14:15	0°♐	
morning rise	-1208 Aug 19 j 13:25	10°♌05'14		evening rise	-1205 Feb 23 j 21:09	4°♐04'02	
direct	-1208 Sep 06 j 17:03	3°♌55'57			-1205 Mar 16 j 22:12	0°♑	
greatest brilliancy	-1208 Sep 20 j 19:55	7°♌33'00	-4.6m	asc. node	-1205 Apr 02 j 08:12	20°♑06'18	
asc. node	-1208 Oct 15 j 12:49	25°♌36'37			-1205 Apr 10 j 11:01	0°♒	
	-1208 Oct 20 j 04:49	0°♐			-1205 May 05 j 05:45	0°♒	
morning max el	-1208 Oct 27 j 09:46	7°♐09'22	46°50'41		-1205 May 30 j 08:03	0°♑	
	-1208 Nov 17 j 13:15	0°♑			-1205 Jun 24 j 21:44	0°♌	
	-1208 Dec 13 j 09:10	0°♒			-1205 Jul 21 j 07:43	0°♐	
	-1207 Jan 07 j 09:25	0°♓		desc. node	-1205 Jul 22 j 22:38	1°♐47'38	
	-1207 Feb 01 j 02:49	0°♑			-1205 Aug 18 j 15:23	0°♑	
desc. node	-1207 Feb 04 j 03:51	3°♑42'06		evening max el	-1205 Aug 20 j 23:27	2°♑18'28	46°46'42
	-1207 Feb 25 j 17:58	0°♑			-1205 Sep 24 j 19:38	0°♒	
	-1207 Mar 22 j 08:21	0°♐		greatest brilliancy	-1205 Sep 29 j 09:30	2°♒01'46	-4.7m
	-1207 Apr 15 j 22:07	0°♑		retrograde	-1205 Oct 10 j 00:46	4°♒07'56	
morning set	-1207 May 01 j 06:18	18°♑45'18			-1205 Oct 24 j 13:27	30°♒42'	
	-1207 May 10 j 10:47	0°♒		evening set	-1205 Oct 25 j 01:23	29°♑43'58	
asc. node	-1207 May 28 j 05:55	21°♒49'50		inferior conj	-1205 Oct 30 j 14:14	26°♑29'10	-3°-24'-9
	-1207 Jun 03 j 21:28	0°♒		minimum elong	-1205 Oct 30 j 21:33	26°♑18'01	3°21'58
max. Earth dist.	-1207 Jun 03 j 22:25	0°♒02'55	1.73519 AU	min. Earth dist.	-1205 Oct 30 j 19:22	26°♑21'20	0.26376 AU
				morning rise	-1205 Nov 05 j 17:29	22°♑54'36	
superior conj	-1207 Jun 06 j 10:32	3°♒07'49	0°21'31	asc. node	-1205 Nov 13 j 00:37	19°♑52'05	
minimum elong	-1207 Jun 06 j 06:22	2°♒55'00	0°21'20	direct	-1205 Nov 19 j 21:35	18°♑53'30	
	-1207 Jun 28 j 05:34	0°♑		greatest brilliancy	-1205 Dec 02 j 04:13	21°♑42'12	-4.7m
evening rise	-1207 Jul 12 j 03:03	17°♑10'57			-1205 Dec 15 j 21:52	0°♒	
	-1207 Jul 22 j 11:23	0°♌		morning max el	-1204 Jan 09 j 07:41	21°♒52'06	46°44'57
	-1207 Aug 15 j 16:09	0°♐			-1204 Jan 17 j 05:19	0°♓	
	-1207 Sep 08 j 21:30	0°♑			-1204 Feb 13 j 13:10	0°♑	
desc. node	-1207 Sep 16 j 20:36	9°♑50'35		desc. node	-1204 Mar 03 j 15:46	21°♑56'52	
	-1207 Oct 03 j 04:59	0°♒			-1204 Mar 10 j 13:38	0°♑	
	-1207 Oct 27 j 16:32	0°♓			-1204 Apr 05 j 00:39	0°♐	
	-1207 Nov 21 j 12:21	0°♑			-1204 Apr 30 j 03:56	0°♑	
	-1207 Dec 17 j 03:10	0°♑			-1204 May 25 j 01:14	0°♒	
asc. node	-1206 Jan 07 j 22:15	23°♑57'00			-1204 Jun 18 j 16:37	0°♒	
	-1206 Jan 13 j 19:21	0°♐		asc. node	-1204 Jun 24 j 17:39	7°♒24'15	
evening max el	-1206 Jan 14 j 09:15	0°♐35'01	46°28'08	morning set	-1204 Jul 07 j 11:07	23°♒03'45	
greatest brilliancy	-1206 Feb 18 j 15:43	28°♐51'45	-4.6m		-1204 Jul 13 j 01:54	0°♑	
	-1206 Feb 21 j 03:30	0°♑			-1204 Aug 06 j 05:41	0°♌	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

max. Earth dist.	-1204 Aug 09 j 06:41	3°04'40	1.72131 AU	minimum elong	-1201 Jan 12 j 06:57	12°02'23	7°05'23
				morning rise	-1201 Jan 16 j 17:22	9°03'40	50
superior conj	-1204 Aug 13 j 04:44	8°04'15	1°23'03	direct	-1201 Feb 02 j 07:19	4°03'17	31
minimum elong	-1204 Aug 13 j 01:29	8°03'10	1°23'02	greatest brilliancy	-1201 Feb 12 j 20:47	6°03'21	55 -4.6m
	-1204 Aug 30 j 05:37	0°00			-1201 Mar 18 j 04:53	0°00	
evening rise	-1204 Sep 20 j 09:08	26°00'30	45	morning max el	-1201 Mar 23 j 13:55	5°00'05	19 46°04'42
	-1204 Sep 23 j 03:53	0°00		desc. node	-1201 Apr 01 j 03:34	13°00'35	09
desc. node	-1204 Oct 14 j 08:39	26°00'34	10		-1201 Apr 16 j 19:04	0°00	
	-1204 Oct 17 j 02:24	0°00			-1201 May 13 j 18:59	0°00	
	-1204 Nov 10 j 02:27	0°00			-1201 Jun 08 j 16:53	0°00	
	-1204 Dec 04 j 05:24	0°00			-1201 Jul 03 j 22:34	0°00	
	-1204 Dec 28 j 13:58	0°00		asc. node	-1201 Jul 23 j 05:35	23°00'11	22'30
	-1203 Jan 22 j 09:37	0°00			-1201 Jul 28 j 15:36	0°00	
asc. node	-1203 Feb 04 j 10:11	15°00'11	22'13		-1201 Aug 21 j 22:29	0°00	
	-1203 Feb 17 j 02:45	0°00		greatest brilliancy	-1201 Sep 14 j 00:05	28°00'50	22 -3.9m
	-1203 Mar 16 j 17:09	0°00			-1201 Sep 14 j 22:17	0°00	
evening max el	-1203 Mar 26 j 03:41	9°00'23	26 45°22'03	morning set	-1201 Sep 16 j 18:16	2°00'18	05
	-1203 Apr 19 j 17:44	0°00			-1201 Oct 08 j 18:24	0°00	
greatest brilliancy	-1203 Apr 29 j 09:43	5°00'11	32'21 -4.5m				
retrograde	-1203 May 13 j 15:29	9°00'11	04'17	superior conj	-1201 Oct 26 j 10:49	22°00'17	15 0°37'32
desc. node	-1203 May 27 j 01:00	5°00'11	35'28	minimum elong	-1201 Oct 26 j 19:45	22°00'45	25 0°37'08
evening set	-1203 May 28 j 15:08	4°00'11	46'02	max. Earth dist.	-1201 Oct 27 j 10:09	23°00'45	30'46 1.70977 AU
inferior conj	-1203 Jun 04 j 02:27	0°00'11	56'04 -1°-52'-7		-1201 Nov 01 j 13:42	0°00	
minimum elong	-1203 Jun 03 j 22:24	1°00'11	02'22 1°50'56	desc. node	-1201 Nov 11 j 20:29	12°00'11	56'56
min. Earth dist.	-1203 Jun 04 j 09:28	0°00'11	45'11 0.28889 AU		-1201 Nov 25 j 09:57	0°00	
	-1203 Jun 05 j 14:37	30°00'11	00	evening rise	-1201 Dec 07 j 11:48	15°00'11	00'39
morning rise	-1203 Jun 10 j 05:12	27°00'11	16'11		-1201 Dec 19 j 08:09	0°00	
direct	-1203 Jun 25 j 18:42	22°00'11	03'57		-1200 Jan 12 j 09:29	0°00	
greatest brilliancy	-1203 Jul 10 j 04:59	26°00'11	14'14 -4.5m		-1200 Feb 05 j 15:55	0°00	
	-1203 Jul 17 j 01:44	0°00			-1200 Mar 01 j 06:24	0°00	
morning max el	-1203 Aug 14 j 04:28	23°00'11	17'08 46°11'52	asc. node	-1200 Mar 03 j 22:17	3°00'11	25'51
	-1203 Aug 20 j 21:35	0°00			-1200 Mar 26 j 09:04	0°00	
asc. node	-1203 Sep 17 j 03:14	29°00'11	04'19		-1200 Apr 21 j 06:40	0°00	
	-1203 Sep 17 j 09:35	0°00			-1200 May 18 j 14:55	0°00	
	-1203 Oct 12 j 20:46	0°00		evening max el	-1200 Jun 05 j 06:46	17°00'11	04'53 45°29'24
	-1203 Nov 06 j 10:27	0°00			-1200 Jun 18 j 22:05	0°00	
	-1203 Nov 30 j 15:07	0°00		desc. node	-1200 Jun 23 j 12:56	3°00'11	41'43
	-1203 Dec 24 j 17:22	0°00		greatest brilliancy	-1200 Jul 12 j 14:49	15°00'11	09'41 -4.5m
desc. node	-1202 Jan 06 j 18:04	16°00'11	12'55	retrograde	-1200 Jul 24 j 00:49	17°00'11	02'47
	-1202 Jan 17 j 20:14	0°00		evening set	-1200 Aug 10 j 17:58	11°00'11	03'59
	-1202 Feb 11 j 00:44	0°00		inferior conj	-1200 Aug 14 j 02:47	9°00'11	26'55 -8°-41'-34
morning set	-1202 Feb 18 j 07:38	9°00'11	01'11	minimum elong	-1200 Aug 13 j 23:18	9°00'11	42'15 8°41'24
	-1202 Mar 07 j 07:08	0°00		min. Earth dist.	-1200 Aug 14 j 14:50	9°00'11	18'26 0.27911 AU
				morning rise	-1200 Aug 17 j 04:28	7°00'11	45'03
superior conj	-1202 Mar 28 j 13:38	26°00'11	12'52 -1°-6'-20	direct	-1200 Sep 04 j 07:53	1°00'11	03'64
minimum elong	-1202 Mar 28 j 22:49	26°00'11	41'08 1°06'04	greatest brilliancy	-1200 Sep 18 j 10:27	5°00'11	12'33 -4.6m
max. Earth dist.	-1202 Mar 30 j 03:06	28°00'11	08'09 1.73370 AU	asc. node	-1200 Oct 14 j 14:54	24°00'11	03'37
	-1202 Mar 31 j 15:28	0°00			-1200 Oct 20 j 05:53	0°00	
	-1202 Apr 25 j 01:31	0°00		morning max el	-1200 Oct 24 j 22:56	4°00'11	43'14 46°49'43
asc. node	-1202 Apr 29 j 20:05	5°00'11	51'24		-1200 Nov 17 j 06:27	0°00	
evening rise	-1202 May 04 j 12:20	11°00'11	03'53		-1200 Dec 12 j 23:44	0°00	
	-1202 May 19 j 12:53	0°00			-1199 Jan 06 j 22:40	0°00	
	-1202 Jun 13 j 01:22	0°00			-1199 Jan 31 j 15:15	0°00	
	-1202 Jul 07 j 15:37	0°00		desc. node	-1199 Feb 03 j 06:01	3°00'11	05
	-1202 Aug 01 j 09:22	0°00			-1199 Feb 25 j 05:50	0°00	
desc. node	-1202 Aug 19 j 10:41	21°00'11	00'42		-1199 Mar 21 j 19:48	0°00	
	-1202 Aug 26 j 09:30	0°00			-1199 Apr 15 j 09:17	0°00	
	-1202 Sep 20 j 21:02	0°00		morning set	-1199 Apr 29 j 00:35	16°00'11	40'40
	-1202 Oct 17 j 08:42	0°00			-1199 May 09 j 21:46	0°00	
evening max el	-1202 Nov 01 j 16:57	16°00'11	17'16 47°27'40	asc. node	-1199 May 27 j 07:53	21°00'11	02'20
	-1202 Nov 15 j 21:43	0°00		max. Earth dist.	-1199 Jun 01 j 17:49	28°00'11	01'26 1.73543 AU
greatest brilliancy	-1202 Dec 09 j 13:19	16°00'11	05'26 -4.7m		-1199 Jun 03 j 08:23	0°00	
asc. node	-1202 Dec 10 j 12:26	17°00'11	03'39				
retrograde	-1202 Dec 22 j 19:50	20°00'11	03'55	superior conj	-1199 Jun 04 j 05:19	1°00'11	04'19 0°18'31
evening set	-1201 Jan 07 j 21:04	15°00'11	06'30	minimum elong	-1199 Jun 04 j 01:41	0°00'11	53'12 0°18'22
min. Earth dist.	-1201 Jan 11 j 14:31	12°00'11	05'08 0.27449 AU		-1199 Jun 27 j 16:33	0°00	
inferior conj	-1201 Jan 12 j 16:12	12°00'11	09'53 7°07'02	evening rise	-1199 Jul 09 j 21:38	15°00'11	05'43

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1199 Jul 21 j 22:31	0°♈		morning max el	-1196 Jan 06 j 21:21	19°♌27'28	46°46'06
	-1199 Aug 15 j 03:33	0°♍			-1196 Jan 17 j 01:30	0°♎	
	-1199 Sep 08 j 09:14	0°♊			-1196 Feb 13 j 04:41	0°♏	
desc. node	-1199 Sep 15 j 22:46	9°♊20'37		desc. node	-1196 Mar 02 j 17:54	21°♏22'40	
	-1199 Oct 02 j 17:10	0°♌			-1196 Mar 10 j 03:07	0°♐	
	-1199 Oct 27 j 05:23	0°♎			-1196 Apr 04 j 12:59	0°♑	
	-1199 Nov 21 j 02:17	0°♏			-1196 Apr 29 j 15:35	0°♒	
	-1199 Dec 16 j 19:13	0°♐			-1196 May 24 j 12:26	0°♓	
asc. node	-1198 Jan 07 j 00:23	23°♐10'23			-1196 Jun 18 j 03:34	0°♈	
evening max el	-1198 Jan 11 j 23:45	28°♐15'54	46°30'52	asc. node	-1196 Jun 23 j 19:50	6°♈57'30	
	-1198 Jan 13 j 17:22	0°♑		morning set	-1196 Jul 05 j 04:46	20°♈56'41	
greatest brilliancy	-1198 Feb 16 j 09:48	26°♑42'13	-4.6m		-1196 Jul 12 j 12:45	0°♉	
	-1198 Feb 25 j 18:32	0°♒			-1196 Aug 05 j 16:33	0°♊	
retrograde	-1198 Mar 03 j 00:08	0°♒31'45		max. Earth dist.	-1196 Aug 07 j 00:11	1°♊38'36	1.72190 AU
	-1198 Mar 08 j 02:51	30°♒					
evening set	-1198 Mar 20 j 03:31	24°♒50'57		superior conj	-1196 Aug 10 j 21:06	6°♊28'29	1°22'24
inferior conj	-1198 Mar 24 j 09:08	22°♒12'05	6°58'26	minimum elong	-1196 Aug 10 j 17:10	6°♊16'12	1°22'22
minimum elong	-1198 Mar 24 j 17:51	21°♒58'11	6°57'01		-1196 Aug 29 j 16:35	0°♋	
min. Earth dist.	-1198 Mar 24 j 11:06	22°♒08'56	0.28983 AU	evening rise	-1196 Sep 17 j 21:59	24°♋05'48	
morning rise	-1198 Mar 29 j 08:24	19°♒07'18			-1196 Sep 22 j 15:00	0°♌	
direct	-1198 Apr 14 j 21:02	13°♒53'16		desc. node	-1196 Oct 13 j 10:39	26°♌05'06	
greatest brilliancy	-1198 Apr 27 j 07:22	16°♒37'18	-4.5m		-1196 Oct 16 j 13:42	0°♍	
desc. node	-1198 Apr 28 j 15:09	17°♒11'47			-1196 Nov 09 j 13:56	0°♎	
	-1198 May 18 j 06:16	0°♒			-1196 Dec 03 j 17:07	0°♏	
morning max el	-1198 Jun 02 j 15:06	13°♒37'45	45°45'54		-1196 Dec 28 j 02:05	0°♐	
	-1198 Jun 18 j 23:08	0°♓			-1195 Jan 21 j 22:31	0°♑	
	-1198 Jul 16 j 09:08	0°♈		asc. node	-1195 Feb 03 j 12:19	14°♑48'45	
	-1198 Aug 11 j 04:03	0°♉			-1195 Feb 16 j 17:23	0°♒	
asc. node	-1198 Aug 19 j 17:27	10°♉13'43			-1195 Mar 16 j 12:23	0°♓	
	-1198 Sep 05 j 00:25	0°♊		evening max el	-1195 Mar 23 j 20:04	7°♓14'23	45°23'19
	-1198 Sep 29 j 06:50	0°♋			-1195 Apr 20 j 18:11	0°♈	
	-1198 Oct 23 j 05:41	0°♌		greatest brilliancy	-1195 Apr 27 j 00:13	3°♈22'04	-4.5m
	-1198 Nov 16 j 01:49	0°♍		retrograde	-1195 May 11 j 08:18	6°♈56'05	
morning set	-1198 Dec 01 j 09:05	19°♍15'14		evening set	-1195 May 26 j 07:23	2°♈37'38	
desc. node	-1198 Dec 09 j 08:17	29°♍16'01		desc. node	-1195 May 26 j 03:05	2°♈43'25	
	-1198 Dec 09 j 22:18	0°♎			-1195 May 30 j 19:38	30°♒	
	-1197 Jan 02 j 20:36	0°♏		inferior conj	-1195 Jun 01 j 18:44	28°♒47'11	-1°-32'-38
				minimum elong	-1195 Jun 01 j 15:21	28°♒52'26	1°31'40
superior conj	-1197 Jan 12 j 09:01	11°♏53'51	-1°-8'-55	min. Earth dist.	-1195 Jun 02 j 01:30	28°♒36'40	0.28908 AU
minimum elong	-1197 Jan 11 j 22:03	11°♏19'38	1°08'38	morning rise	-1195 Jun 07 j 23:00	25°♒05'25	
max. Earth dist.	-1197 Jan 16 j 16:16	17°♏16'04	1.71823 AU	direct	-1195 Jun 23 j 11:38	20°♒28'51	
	-1197 Jan 26 j 21:24	0°♐		greatest brilliancy	-1195 Jul 07 j 21:03	24°♒04'50	-4.5m
	-1197 Feb 20 j 01:20	0°♑			-1195 Jul 18 j 01:11	0°♈	
evening rise	-1197 Feb 21 j 10:46	1°♑43'22		morning max el	-1195 Aug 11 j 20:58	21°♈06'39	46°10'24
	-1197 Mar 16 j 09:19	0°♒			-1195 Aug 20 j 17:05	0°♉	
asc. node	-1197 Apr 01 j 10:12	19°♒38'06		asc. node	-1195 Sep 16 j 05:18	29°♉04'51	
	-1197 Apr 09 j 22:20	0°♓			-1195 Sep 17 j 00:30	0°♊	
	-1197 May 04 j 17:29	0°♈			-1195 Oct 12 j 09:57	0°♋	
	-1197 May 29 j 20:33	0°♉			-1195 Nov 05 j 22:46	0°♌	
	-1197 Jun 24 j 11:36	0°♊			-1195 Nov 30 j 02:57	0°♍	
	-1197 Jul 21 j 00:14	0°♋			-1195 Dec 24 j 04:52	0°♎	
desc. node	-1197 Jul 22 j 00:48	1°♋07'33		desc. node	-1194 Jan 05 j 20:16	15°♎44'33	
evening max el	-1197 Aug 18 j 11:34	29°♋52'06	46°44'02		-1194 Jan 17 j 07:26	0°♏	
	-1197 Aug 18 j 14:48	0°♌			-1194 Feb 10 j 11:42	0°♐	
greatest brilliancy	-1197 Sep 26 j 22:53	29°♌33'47	-4.6m	morning set	-1194 Feb 15 j 21:19	6°♐41'14	
	-1197 Sep 28 j 04:13	0°♍			-1194 Mar 06 j 17:55	0°♑	
retrograde	-1197 Oct 07 j 12:34	1°♍38'51					
	-1197 Oct 16 j 13:16	30°♍		superior conj	-1194 Mar 26 j 06:19	24°♑03'30	-1°-8'-19
evening set	-1197 Oct 22 j 16:00	27°♍11'07		minimum elong	-1194 Mar 26 j 15:22	24°♑31'22	1°08'05
inferior conj	-1197 Oct 28 j 02:22	24°♍00'12	-3°-46'-42	max. Earth dist.	-1194 Mar 28 j 00:35	26°♑13'34	1.73337 AU
minimum elong	-1197 Oct 28 j 10:23	23°♍48'03	3°44'21		-1194 Mar 31 j 02:10	0°♒	
min. Earth dist.	-1197 Oct 28 j 09:03	23°♍50'04	0.26397 AU		-1194 Apr 24 j 12:14	0°♓	
morning rise	-1197 Nov 03 j 04:26	20°♍27'31		asc. node	-1194 Apr 28 j 22:07	5°♓24'45	
asc. node	-1197 Nov 12 j 02:34	16°♍58'54		evening rise	-1194 May 02 j 06:58	9°♓32'37	
direct	-1197 Nov 17 j 09:48	16°♍23'54		greatest brilliancy	-1194 May 04 j 12:16	12°♓15'59	-3.9m
greatest brilliancy	-1197 Nov 29 j 19:48	19°♍16'31	-4.7m		-1194 May 18 j 23:43	0°♈	
	-1197 Dec 16 j 15:38	0°♎			-1194 Jun 12 j 12:27	0°♉	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1194 Jul 07 j 03:07	0°♈				-1191 Jan 31 j 03:15	0°♉		
	-1194 Jul 31 j 21:33	0°♊		desc. node		-1191 Feb 02 j 08:04	2°♊40'56		
desc. node	-1194 Aug 18 j 12:46	21°♊09'51				-1191 Feb 24 j 17:19	0°♋		
	-1194 Aug 25 j 22:43	0°♌				-1191 Mar 21 j 06:54	0°♌		
	-1194 Sep 20 j 12:01	0°♍				-1191 Apr 14 j 20:06	0°♍		
	-1194 Oct 17 j 03:17	0°♎		morning set		-1191 Apr 26 j 18:57	14°♎37'16		
evening max el	-1194 Oct 30 j 08:58	13°♎58'29	47°27'58			-1191 May 09 j 08:25	0°♏		
	-1194 Nov 16 j 04:58	0°♐		asc. node		-1191 May 26 j 10:07	20°♏56'38		
greatest brilliancy	-1194 Dec 07 j 05:46	14°♐37'28	-4.7m	max. Earth dist.		-1191 May 30 j 14:00	26°♏03'27	1.73567 AU	
asc. node	-1194 Dec 09 j 14:40	15°♐38'39							
retrograde	-1194 Dec 20 j 10:53	17°♐53'34		superior conj		-1191 Jun 02 j 00:16	29°♐02'30	0°15'30	
evening set	-1193 Jan 05 j 07:57	12°♑48'55		minimum elong		-1191 Jun 01 j 21:13	28°♑53'07	0°15'23	
min. Earth dist.	-1193 Jan 09 j 04:07	10°♑28'35	0.27374 AU	behind sun begin		-1191 Jun 01 j 16:06	28°♑37'25		
inferior conj	-1193 Jan 10 j 06:14	9°♑47'38	6°54'21	behind sun end		-1191 Jun 02 j 02:19	29°♑08'48		
minimum elong	-1193 Jan 09 j 20:44	10°♑02'33	6°52'34			-1191 Jun 02 j 18:58	0°♒		
morning rise	-1193 Jan 14 j 10:08	7°♑14'49				-1191 Jun 27 j 03:12	0°♓		
direct	-1193 Jan 30 j 21:17	1°♒56'48		evening rise		-1191 Jul 07 j 16:25	13°♓02'10		
greatest brilliancy	-1193 Feb 10 j 08:50	3°♒59'52	-4.6m			-1191 Jul 21 j 09:23	0°♈		
	-1193 Mar 18 j 05:37	0°♈				-1191 Aug 14 j 14:42	0°♊		
morning max el	-1193 Mar 21 j 04:17	2°♈49'02	46°05'57			-1191 Sep 07 j 20:45	0°♌		
desc. node	-1193 Mar 31 j 05:33	12°♈50'07		desc. node		-1191 Sep 15 j 00:44	8°♌50'41		
	-1193 Apr 16 j 11:26	0°♉				-1191 Oct 02 j 05:10	0°♍		
	-1193 May 13 j 08:32	0°♊				-1191 Oct 26 j 18:02	0°♎		
	-1193 Jun 08 j 05:07	0°♋				-1191 Nov 20 j 16:03	0°♌		
	-1193 Jul 03 j 10:06	0°♌				-1191 Dec 16 j 11:13	0°♍		
asc. node	-1193 Jul 22 j 07:43	22°♌54'49		asc. node		-1190 Jan 06 j 02:31	22°♍24'01		
	-1193 Jul 28 j 02:44	0°♍		evening max el		-1190 Jan 09 j 13:31	25°♍55'43	46°33'40	
	-1193 Aug 21 j 09:26	0°♎				-1190 Jan 13 j 15:54	0°♏		
morning set	-1193 Sep 14 j 08:06	29°♎56'40		greatest brilliancy		-1190 Feb 14 j 02:49	24°♏31'53	-4.6m	
	-1193 Sep 14 j 09:10	0°♏		retrograde		-1190 Feb 28 j 16:29	28°♏21'45		
	-1193 Oct 08 j 05:18	0°♐		evening set		-1190 Mar 17 j 22:32	22°♏36'58		
				inferior conj		-1190 Mar 22 j 01:40	20°♏01'59	7°09'20	
superior conj	-1193 Oct 23 j 21:15	19°♐44'31	0°41'01	minimum elong		-1190 Mar 22 j 10:07	19°♏48'31	7°08'03	
minimum elong	-1193 Oct 24 j 06:43	20°♐14'22	0°40'35	min. Earth dist.		-1190 Mar 22 j 03:09	19°♏59'37	0.28962 AU	
max. Earth dist.	-1193 Oct 24 j 13:43	20°♐36'23	1.70984 AU	morning rise		-1190 Mar 26 j 21:51	17°♏01'39		
	-1193 Nov 01 j 00:39	0°♑		direct		-1190 Apr 12 j 12:28	11°♏43'23		
desc. node	-1193 Nov 10 j 22:33	12°♑28'57		greatest brilliancy		-1190 Apr 24 j 22:22	14°♏26'39	-4.5m	
	-1193 Nov 24 j 20:57	0°♒		desc. node		-1190 Apr 27 j 17:16	15°♏42'08		
evening rise	-1193 Dec 04 j 21:04	12°♒33'33				-1190 May 18 j 13:02	0°♐		
	-1193 Dec 18 j 19:13	0°♓		morning max el		-1190 May 31 j 06:32	11°♐27'03	45°45'57	
	-1192 Jan 11 j 20:39	0°♈				-1190 Jun 18 j 16:29	0°♑		
	-1192 Feb 05 j 03:15	0°♉				-1190 Jul 15 j 23:03	0°♊		
	-1192 Feb 29 j 18:06	0°♊				-1190 Aug 10 j 16:30	0°♋		
asc. node	-1192 Mar 03 j 00:19	2°♊43'33		asc. node		-1190 Aug 18 j 19:32	9°♋43'23		
	-1192 Mar 25 j 21:31	0°♋				-1190 Sep 04 j 12:12	0°♌		
	-1192 Apr 20 j 20:41	0°♌				-1190 Sep 28 j 18:17	0°♍		
	-1192 May 18 j 08:44	0°♍				-1190 Oct 22 j 16:57	0°♎		
evening max el	-1192 Jun 02 j 20:39	15°♍30'47	45°27'35			-1190 Nov 15 j 12:58	0°♏		
	-1192 Jun 19 j 07:04	0°♎		morning set		-1190 Nov 28 j 18:39	16°♏39'28		
desc. node	-1192 Jun 22 j 15:06	2°♎34'19		desc. node		-1190 Dec 08 j 10:30	28°♏48'11		
greatest brilliancy	-1192 Jul 10 j 03:15	12°♎51'34	-4.5m			-1190 Dec 09 j 09:22	0°♏		
retrograde	-1192 Jul 21 j 13:48	15°♎10'34				-1189 Jan 02 j 07:35	0°♐		
evening set	-1192 Aug 08 j 05:10	9°♏25'40							
inferior conj	-1192 Aug 11 j 16:56	7°♏19'14	-8°-36'-58	superior conj		-1189 Jan 09 j 19:37	9°♐22'53	-1°-6'-34	
minimum elong	-1192 Aug 11 j 12:38	7°♏25'49	8°36'43	minimum elong		-1189 Jan 09 j 08:20	8°♐47'38	1°06'16	
min. Earth dist.	-1192 Aug 12 j 04:49	7°♏01'00	0.27962 AU	max. Earth dist.		-1189 Jan 14 j 00:21	14°♐37'23	1.71768 AU	
morning rise	-1192 Aug 14 j 19:54	5°♏25'16				-1189 Jan 26 j 08:19	0°♑		
	-1192 Aug 27 j 00:27	30°♑00		evening rise		-1189 Feb 19 j 00:12	29°♑22'46		
direct	-1192 Sep 01 j 22:14	29°♑18'07				-1189 Feb 19 j 12:14	0°♒		
	-1192 Sep 07 j 23:19	0°♒				-1189 Mar 15 j 20:17	0°♓		
greatest brilliancy	-1192 Sep 16 j 02:04	2°♒54'22	-4.6m	asc. node		-1189 Mar 31 j 12:17	19°♓10'35		
asc. node	-1192 Oct 13 j 16:55	23°♒38'39				-1189 Apr 09 j 09:31	0°♏		
	-1192 Oct 20 j 05:29	0°♓				-1189 May 04 j 05:06	0°♊		
morning max el	-1192 Oct 22 j 11:34	2°♓16'37	46°48'54			-1189 May 29 j 08:56	0°♋		
	-1192 Nov 16 j 22:59	0°♌				-1189 Jun 24 j 01:23	0°♌		
	-1192 Dec 12 j 13:47	0°♍				-1189 Jul 20 j 16:50	0°♍		
	-1191 Jan 06 j 11:27	0°♎		desc. node		-1189 Jul 21 j 02:52	0°♎27'27		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening max el	-1189 Aug 16 j 00:10	27° \mathbb{M} 27'41	46°41'14	morning set	-1186 Feb 13 j 10:28	4° \approx 18'58	
	-1189 Aug 18 j 15:05	0° $\underline{\mathbf{A}}$			-1186 Mar 06 j 04:55	0° \mathbb{H}	
greatest brilliancy	-1189 Sep 24 j 11:03	27° $\underline{\mathbf{A}}$ 04'45	-4.6m				
retrograde	-1189 Oct 05 j 00:44	29° $\underline{\mathbf{A}}$ 09'37		superior conj	-1186 Mar 23 j 22:31	21° \mathbb{H} 52'00	-1°-10'-15
evening set	-1189 Oct 20 j 06:36	24° $\underline{\mathbf{A}}$ 37'47		minimum elong	-1186 Mar 24 j 07:24	22° \mathbb{H} 19'20	1°10'02
inferior conj	-1189 Oct 25 j 14:17	21° $\underline{\mathbf{A}}$ 30'45	-4°-8'-48	max. Earth dist.	-1186 Mar 25 j 22:30	24° \mathbb{H} 19'45	1.73299 AU
minimum elong	-1189 Oct 25 j 22:56	21° $\underline{\mathbf{A}}$ 17'40	4°06'20		-1186 Mar 30 j 13:04	0° \mathbb{Y}	
min. Earth dist.	-1189 Oct 25 j 22:09	21° $\underline{\mathbf{A}}$ 18'51	0.26427 AU		-1186 Apr 23 j 23:08	0° \mathbb{B}	
morning rise	-1189 Oct 31 j 14:56	18° $\underline{\mathbf{A}}$ 00'24		asc. node	-1186 Apr 28 j 00:18	4° \mathbb{B} 57'58	
asc. node	-1189 Nov 11 j 04:51	14° $\underline{\mathbf{A}}$ 11'12		evening rise	-1186 Apr 30 j 01:15	7° \mathbb{B} 28'04	
direct	-1189 Nov 14 j 22:25	13° $\underline{\mathbf{A}}$ 53'49		greatest brilliancy	-1186 May 05 j 01:58	13° \mathbb{B} 37'59	-3.9m
greatest brilliancy	-1189 Nov 27 j 10:42	16° $\underline{\mathbf{A}}$ 49'38	-4.7m		-1186 May 18 j 10:44	0° \mathbb{H}	
	-1189 Dec 17 j 05:05	0° \mathbb{M}			-1186 Jun 11 j 23:45	0° \mathbb{B}	
morning max el	-1188 Jan 04 j 11:40	17° \mathbb{M} 04'09	46°47'11		-1186 Jul 06 j 14:53	0° \mathbb{Q}	
	-1188 Jan 16 j 21:09	0° \mathbb{J}			-1186 Jul 31 j 10:00	0° \mathbb{M}	
	-1188 Feb 12 j 19:58	0° \mathbb{B}		desc. node	-1186 Aug 17 j 14:47	20° \mathbb{M} 36'40	
desc. node	-1188 Mar 01 j 19:56	20° \mathbb{B} 48'32			-1186 Aug 25 j 12:15	0° $\underline{\mathbf{A}}$	
	-1188 Mar 09 j 16:25	0° \approx			-1186 Sep 20 j 03:20	0° \mathbb{M}	
	-1188 Apr 04 j 01:12	0° \mathbb{H}			-1186 Oct 16 j 22:28	0° \mathbb{J}	
	-1188 Apr 29 j 03:07	0° \mathbb{Y}		evening max el	-1186 Oct 28 j 00:21	11° \mathbb{J} 37'43	47°28'07
	-1188 May 23 j 23:34	0° \mathbb{B}			-1186 Nov 16 j 15:00	0° \mathbb{B}	
	-1188 Jun 17 j 14:29	0° \mathbb{H}		greatest brilliancy	-1186 Dec 04 j 22:54	12° \mathbb{B} 16'50	-4.7m
asc. node	-1188 Jun 22 j 21:57	6° \mathbb{H} 30'40		asc. node	-1186 Dec 08 j 16:42	13° \mathbb{B} 47'53	
morning set	-1188 Jul 02 j 22:41	18° \mathbb{H} 50'39		retrograde	-1186 Dec 18 j 01:24	15° \mathbb{B} 29'27	
	-1188 Jul 11 j 23:34	0° \mathbb{B}		evening set	-1185 Jan 02 j 18:55	10° \mathbb{B} 30'37	
max. Earth dist.	-1188 Aug 04 j 16:53	29° \mathbb{B} 27'20	1.72244 AU	min. Earth dist.	-1185 Jan 06 j 18:05	8° \mathbb{B} 05'52	0.27302 AU
	-1188 Aug 05 j 03:22	0° \mathbb{Q}		inferior conj	-1185 Jan 07 j 20:17	7° \mathbb{B} 24'46	6°40'56
				minimum elong	-1185 Jan 07 j 10:35	7° \mathbb{B} 39'59	6°39'00
superior conj	-1188 Aug 08 j 13:49	4° \mathbb{Q} 17'06	1°21'36	morning rise	-1185 Jan 12 j 02:55	4° \mathbb{B} 47'56	
minimum elong	-1188 Aug 08 j 09:15	4° \mathbb{Q} 02'51	1°21'34		-1185 Jan 23 j 23:16	30° \mathbb{R} \mathbb{J}	
	-1188 Aug 29 j 03:28	0° \mathbb{M}		direct	-1185 Jan 28 j 10:58	29° \mathbb{J} 35'21	
evening rise	-1188 Sep 15 j 11:12	21° \mathbb{M} 42'12			-1185 Feb 02 j 00:57	0° \mathbb{B}	
	-1188 Sep 22 j 02:04	0° $\underline{\mathbf{A}}$		greatest brilliancy	-1185 Feb 07 j 21:37	1° \mathbb{B} 37'31	-4.6m
desc. node	-1188 Oct 12 j 12:46	25° $\underline{\mathbf{A}}$ 36'31			-1185 Mar 18 j 05:35	0° \approx	
	-1188 Oct 16 j 00:59	0° \mathbb{M}		morning max el	-1185 Mar 18 j 17:48	0° \approx 29'32	46°07'10
	-1188 Nov 09 j 01:28	0° \mathbb{J}		desc. node	-1185 Mar 30 j 07:41	12° \approx 05'10	
	-1188 Dec 03 j 04:57	0° \mathbb{B}			-1185 Apr 16 j 03:52	0° \mathbb{H}	
	-1188 Dec 27 j 14:21	0° \approx			-1185 May 12 j 22:18	0° \mathbb{Y}	
	-1187 Jan 21 j 11:38	0° \mathbb{H}			-1185 Jun 07 j 17:35	0° \mathbb{B}	
asc. node	-1187 Feb 02 j 14:22	14° \mathbb{H} 14'28			-1185 Jul 02 j 21:50	0° \mathbb{H}	
	-1187 Feb 16 j 08:19	0° \mathbb{Y}		asc. node	-1185 Jul 21 j 09:41	22° \mathbb{H} 25'56	
	-1187 Mar 16 j 08:20	0° \mathbb{B}			-1185 Jul 27 j 14:06	0° \mathbb{B}	
evening max el	-1187 Mar 21 j 12:36	5° \mathbb{B} 05'23	45°24'43		-1185 Aug 20 j 20:38	0° \mathbb{Q}	
	-1187 Apr 22 j 05:00	0° \mathbb{H}		morning set	-1185 Sep 11 j 22:04	27° \mathbb{Q} 34'49	
greatest brilliancy	-1187 Apr 24 j 15:46	1° \mathbb{H} 12'50	-4.5m		-1185 Sep 13 j 20:19	0° \mathbb{M}	
retrograde	-1187 May 09 j 00:50	4° \mathbb{H} 47'24			-1185 Oct 07 j 16:29	0° $\underline{\mathbf{A}}$	
evening set	-1187 May 23 j 23:47	0° \mathbb{H} 28'48					
	-1187 May 24 j 20:40	30° \mathbb{R} \mathbb{B}		superior conj	-1185 Oct 21 j 08:07	17° $\underline{\mathbf{A}}$ 12'21	0°44'21
desc. node	-1187 May 25 j 05:18	29° \mathbb{B} 47'49		minimum elong	-1185 Oct 21 j 18:03	17° $\underline{\mathbf{A}}$ 43'39	0°43'56
inferior conj	-1187 May 30 j 10:57	26° \mathbb{B} 38'00	-1°-13'-4	max. Earth dist.	-1185 Oct 21 j 15:45	17° $\underline{\mathbf{A}}$ 36'25	1.70992 AU
minimum elong	-1187 May 30 j 08:17	26° \mathbb{B} 42'09	1°12'18		-1185 Oct 31 j 11:51	0° \mathbb{M}	
min. Earth dist.	-1187 May 30 j 17:35	26° \mathbb{B} 27'41	0.28925 AU	desc. node	-1185 Nov 10 j 00:44	12° \mathbb{M} 00'30	
morning rise	-1187 Jun 05 j 16:33	22° \mathbb{B} 54'16			-1185 Nov 24 j 08:11	0° \mathbb{J}	
direct	-1187 Jun 21 j 04:33	18° \mathbb{B} 19'30		evening rise	-1185 Dec 02 j 06:38	9° \mathbb{J} 57'43	
greatest brilliancy	-1187 Jul 05 j 11:56	21° \mathbb{B} 53'33	-4.5m		-1185 Dec 18 j 06:30	0° \mathbb{B}	
	-1187 Jul 18 j 18:41	0° \mathbb{H}			-1184 Jan 11 j 08:03	0° \approx	
morning max el	-1187 Aug 09 j 12:58	18° \mathbb{H} 54'51	46°09'03		-1184 Feb 04 j 14:52	0° \mathbb{H}	
	-1187 Aug 20 j 12:07	0° \mathbb{B}			-1184 Feb 29 j 06:08	0° \mathbb{Y}	
asc. node	-1187 Sep 15 j 07:21	28° \mathbb{B} 27'57		asc. node	-1184 Mar 02 j 02:23	2° \mathbb{Y} 13'24	
	-1187 Sep 16 j 15:18	0° \mathbb{Q}			-1184 Mar 25 j 10:21	0° \mathbb{B}	
	-1187 Oct 11 j 23:05	0° \mathbb{M}			-1184 Apr 20 j 11:13	0° \mathbb{H}	
	-1187 Nov 05 j 11:06	0° $\underline{\mathbf{A}}$			-1184 May 18 j 03:23	0° \mathbb{B}	
	-1187 Nov 29 j 14:50	0° \mathbb{M}		evening max el	-1184 May 31 j 10:04	13° \mathbb{B} 12'46	45°26'01
	-1187 Dec 23 j 16:27	0° \mathbb{J}			-1184 Jun 19 j 19:41	0° \mathbb{Q}	
desc. node	-1186 Jan 04 j 22:17	15° \mathbb{J} 15'11		desc. node	-1184 Jun 21 j 17:07	1° \mathbb{Q} 23'58	
	-1186 Jan 16 j 18:47	0° \mathbb{B}		greatest brilliancy	-1184 Jul 07 j 14:58	10° \mathbb{Q} 32'05	-4.5m
	-1186 Feb 09 j 22:50	0° \approx		retrograde	-1184 Jul 19 j 03:10	12° \mathbb{Q} 53'11	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 44

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening set	-1184 Aug 05 j 16:12	7°Ω12'11		superior conj	-1181 Jan 07 j 06:06	6°☾50'31	-1°-4'-6
inferior conj	-1184 Aug 09 j 07:12	5°Ω01'07	-8°-31'-31	minimum elong	-1181 Jan 06 j 18:35	6°☾14'29	1°03'45
minimum elong	-1184 Aug 09 j 02:06	5°Ω08'56	8°31'10	max. Earth dist.	-1181 Jan 11 j 07:58	11°☾56'17	1.71714 AU
min. Earth dist.	-1184 Aug 09 j 18:54	4°Ω43'11	0.28015 AU		-1181 Jan 25 j 19:31	0°≈	
morning rise	-1184 Aug 12 j 11:46	3°Ω04'44		evening rise	-1181 Feb 16 j 13:42	27°≈01'32	
	-1184 Aug 18 j 03:57	30°☿☾			-1181 Feb 18 j 23:22	0°✕	
direct	-1184 Aug 30 j 12:32	26°☾58'54			-1181 Mar 15 j 07:28	0°Υ	
	-1184 Sep 12 j 10:39	0°Ω		asc. node	-1181 Mar 30 j 14:29	18°Υ42'48	
greatest brilliancy	-1184 Sep 13 j 18:46	0°Ω37'01	-4.6m		-1181 Apr 08 j 20:55	0°♄	
asc. node	-1184 Oct 12 j 19:08	22°Ω41'31			-1181 May 03 j 16:58	0°♂	
morning max el	-1184 Oct 20 j 01:01	29°Ω51'17	46°48'08		-1181 May 28 j 21:38	0°☾	
	-1184 Oct 20 j 04:26	0°♍			-1181 Jun 23 j 15:34	0°Ω	
	-1184 Nov 16 j 15:32	0°♊		desc. node	-1181 Jul 20 j 04:53	29°Ω46'00	
	-1184 Dec 12 j 03:58	0°♋			-1181 Jul 20 j 10:03	0°♍	
	-1183 Jan 06 j 00:24	0°♌		evening max el	-1181 Aug 13 j 13:50	25°♍05'23	46°38'29
	-1183 Jan 30 j 15:28	0°☾			-1181 Aug 18 j 16:54	0°♊	
desc. node	-1183 Feb 01 j 10:06	2°☾10'03		greatest brilliancy	-1181 Sep 21 j 22:58	24°♊35'12	-4.6m
	-1183 Feb 24 j 05:01	0°≈		retrograde	-1181 Oct 02 j 13:13	26°♊39'53	
	-1183 Mar 20 j 18:15	0°✕		evening set	-1181 Oct 17 j 21:25	22°♊04'05	
	-1183 Apr 14 j 07:13	0°Υ		inferior conj	-1181 Oct 23 j 02:16	19°♊00'52	-4°-30'-15
morning set	-1183 Apr 24 j 13:12	12°Υ32'29		minimum elong	-1181 Oct 23 j 11:27	18°♊46'59	4°27'42
	-1183 May 08 j 19:22	0°♄		min. Earth dist.	-1181 Oct 23 j 10:58	18°♊47'43	0.26458 AU
asc. node	-1183 May 25 j 12:11	20°♄29'27		morning rise	-1181 Oct 29 j 01:14	15°♊33'06	
max. Earth dist.	-1183 May 28 j 11:06	24°♄07'18	1.73591 AU	asc. node	-1181 Nov 10 j 06:53	11°♊29'32	
				direct	-1181 Nov 12 j 11:28	11°♊23'34	
superior conj	-1183 May 30 j 19:04	26°♄59'15	0°12'29	greatest brilliancy	-1181 Nov 25 j 00:37	14°♊21'01	-4.7m
minimum elong	-1183 May 30 j 16:36	26°♄51'39	0°12'22		-1181 Dec 17 j 15:24	0°♋	
behind sun begin	-1183 May 30 j 02:37	26°♄08'40		morning max el	-1180 Jan 02 j 02:06	14°♋40'28	46°48'06
behind sun end	-1183 May 31 j 06:35	27°♄34'39			-1180 Jan 16 j 16:30	0°♌	
	-1183 Jun 02 j 05:53	0°♂			-1180 Feb 12 j 11:18	0°☾	
	-1183 Jun 26 j 14:11	0°☾		desc. node	-1180 Feb 29 j 22:02	20°☾14'05	
evening rise	-1183 Jul 05 j 11:09	10°☾57'37			-1180 Mar 09 j 05:51	0°≈	
	-1183 Jul 20 j 20:33	0°Ω			-1180 Apr 03 j 13:32	0°✕	
	-1183 Aug 14 j 02:10	0°♍			-1180 Apr 28 j 14:47	0°Υ	
	-1183 Sep 07 j 08:37	0°♊			-1180 May 23 j 10:50	0°♄	
desc. node	-1183 Sep 14 j 02:52	8°♊20'15			-1180 Jun 17 j 01:31	0°♂	
	-1183 Oct 01 j 17:32	0°♋		asc. node	-1180 Jun 21 j 23:57	6°♂03'03	
	-1183 Oct 26 j 07:07	0°♌		morning set	-1180 Jun 30 j 16:46	16°♂44'46	
	-1183 Nov 20 j 06:17	0°☾			-1180 Jul 11 j 10:32	0°☾	
	-1183 Dec 16 j 03:48	0°≈		max. Earth dist.	-1180 Aug 02 j 07:30	27°☾09'11	1.72303 AU
asc. node	-1182 Jan 05 j 04:33	21°≈35'59			-1180 Aug 04 j 14:21	0°Ω	
evening max el	-1182 Jan 07 j 03:54	23°≈36'18	46°36'37				
	-1182 Jan 13 j 15:43	0°✕		superior conj	-1180 Aug 06 j 06:38	2°Ω05'32	1°20'42
greatest brilliancy	-1182 Feb 11 j 18:58	22°✕19'51	-4.6m	minimum elong	-1180 Aug 06 j 01:30	1°Ω49'31	1°20'38
retrograde	-1182 Feb 26 j 09:25	26°✕11'25			-1180 Aug 28 j 14:34	0°♍	
evening set	-1182 Mar 15 j 17:34	20°✕22'31		evening rise	-1180 Sep 13 j 00:23	19°♍18'00	
inferior conj	-1182 Mar 19 j 18:18	17°✕51'20	7°19'36		-1180 Sep 21 j 13:20	0°♊	
minimum elong	-1182 Mar 20 j 02:25	17°✕38'25	7°18'26	desc. node	-1180 Oct 11 j 14:54	25°♊07'25	
min. Earth dist.	-1182 Mar 19 j 18:56	17°✕50'19	0.28940 AU		-1180 Oct 15 j 12:27	0°♋	
morning rise	-1182 Mar 24 j 11:25	14°✕55'43			-1180 Nov 08 j 13:10	0°♌	
direct	-1182 Apr 10 j 04:13	9°✕33'00			-1180 Dec 02 j 16:57	0°☾	
greatest brilliancy	-1182 Apr 22 j 13:35	12°✕15'50	-4.5m		-1180 Dec 27 j 02:50	0°≈	
desc. node	-1182 Apr 26 j 19:27	14°✕15'07			-1179 Jan 21 j 01:01	0°✕	
	-1182 May 18 j 18:01	0°Υ		asc. node	-1179 Feb 01 j 16:28	13°✕39'41	
morning max el	-1182 May 28 j 22:56	9°Υ17'55	45°45'55		-1179 Feb 15 j 23:37	0°Υ	
	-1182 Jun 18 j 09:48	0°♄			-1179 Mar 16 j 05:04	0°♄	
	-1182 Jul 15 j 13:09	0°♂		evening max el	-1179 Mar 19 j 05:07	2°♄55'55	45°26'15
	-1182 Aug 10 j 05:14	0°☾		greatest brilliancy	-1179 Apr 22 j 08:11	29°♄04'50	-4.5m
asc. node	-1182 Aug 17 j 21:39	9°☾12'20			-1179 Apr 24 j 10:32	0°♂	
	-1182 Sep 04 j 00:14	0°Ω		retrograde	-1179 May 06 j 17:06	2°♂39'11	
	-1182 Sep 28 j 05:58	0°♍			-1179 May 18 j 08:23	30°♄	
	-1182 Oct 22 j 04:27	0°♊		evening set	-1179 May 21 j 16:35	28°♄20'24	
	-1182 Nov 15 j 00:22	0°♋		desc. node	-1179 May 24 j 07:13	26°♄51'07	
morning set	-1182 Nov 26 j 04:17	14°♋03'00		inferior conj	-1179 May 28 j 03:26	24°♄29'33	0°-53'-41
desc. node	-1182 Dec 07 j 12:27	28°♋18'40		minimum elong	-1179 May 28 j 01:28	24°♄32'37	0°53'06
	-1182 Dec 08 j 20:42	0°♌		min. Earth dist.	-1179 May 28 j 10:09	24°♄19'04	0.28937 AU
	-1181 Jan 01 j 18:52	0°☾		morning rise	-1179 Jun 03 j 10:09	20°♄43'53	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

direct	-1179 Jun 18 j 21:25	16°♄11'00		evening rise	-1177 Nov 29 j 15:50	7°♁20'56	
greatest brilliancy	-1179 Jul 03 j 02:08	19°♄41'51	-4.5m		-1177 Dec 17 j 17:44	0°♄	
	-1179 Jul 19 j 07:36	0°♄			-1176 Jan 10 j 19:22	0°♁	
morning max el	-1179 Aug 07 j 04:13	16°♄41'20	46°07'32		-1176 Feb 04 j 02:24	0°♁	
	-1179 Aug 20 j 06:40	0°♄			-1176 Feb 28 j 18:04	0°♁	
asc. node	-1179 Sep 14 j 09:32	27°♄51'34		asc. node	-1176 Mar 01 j 04:34	1°♁43'51	
	-1179 Sep 16 j 06:00	0°♄			-1176 Mar 24 j 23:09	0°♁	
	-1179 Oct 11 j 12:14	0°♄			-1176 Apr 20 j 01:48	0°♄	
	-1179 Nov 04 j 23:29	0°♄			-1176 May 17 j 22:21	0°♄	
	-1179 Nov 29 j 02:47	0°♄		evening max el	-1176 May 28 j 23:50	10°♄56'17	45°24'42
	-1179 Dec 23 j 04:05	0°♁		desc. node	-1176 Jun 20 j 19:12	0°♄12'32	
desc. node	-1178 Jan 04 j 00:21	14°♁45'52			-1176 Jun 20 j 12:05	0°♄	
	-1178 Jan 16 j 06:09	0°♄		greatest brilliancy	-1176 Jul 05 j 01:45	8°♄12'38	-4.5m
	-1178 Feb 09 j 10:01	0°♁		retrograde	-1176 Jul 16 j 17:13	10°♄37'12	
morning set	-1178 Feb 10 j 23:21	1°♁55'40		evening set	-1176 Aug 03 j 03:10	5°♄00'10	
	-1178 Mar 05 j 15:56	0°♁		inferior conj	-1176 Aug 06 j 21:35	2°♄44'19	-8°-25'-21
				minimum elong	-1176 Aug 06 j 15:45	2°♄53'15	8°24'51
superior conj	-1178 Mar 21 j 14:36	19°♁39'56	-1°-12'-5	min. Earth dist.	-1176 Aug 07 j 08:51	2°♄27'04	0.28063 AU
minimum elong	-1178 Mar 21 j 23:14	20°♁06'30	1°11'52	morning rise	-1176 Aug 10 j 04:03	0°♄45'13	
max. Earth dist.	-1178 Mar 23 j 19:18	22°♁22'14	1.73256 AU		-1176 Aug 11 j 10:56	30°♁	
	-1178 Mar 30 j 00:01	0°♁		direct	-1176 Aug 28 j 03:05	24°♄41'05	
	-1178 Apr 23 j 10:04	0°♁		greatest brilliancy	-1176 Sep 11 j 11:36	28°♄21'31	-4.6m
asc. node	-1178 Apr 27 j 02:22	4°♁30'47			-1176 Sep 14 j 15:12	0°♄	
evening rise	-1178 Apr 27 j 19:27	5°♁23'11		asc. node	-1176 Oct 11 j 21:12	21°♄46'25	
greatest brilliancy	-1178 May 06 j 15:50	16°♁14'00	-3.9m	morning max el	-1176 Oct 17 j 15:23	27°♄29'35	46°47'11
	-1178 May 17 j 21:45	0°♄			-1176 Oct 20 j 02:05	0°♄	
	-1178 Jun 11 j 11:00	0°♄			-1176 Nov 16 j 07:30	0°♄	
	-1178 Jul 06 j 02:36	0°♄			-1176 Dec 11 j 17:48	0°♄	
	-1178 Jul 30 j 22:28	0°♄			-1175 Jan 05 j 13:08	0°♁	
desc. node	-1178 Aug 16 j 16:55	20°♄03'49			-1175 Jan 30 j 03:30	0°♄	
	-1178 Aug 25 j 01:51	0°♄		desc. node	-1175 Jan 31 j 12:17	1°♄40'06	
	-1178 Sep 19 j 18:54	0°♄			-1175 Feb 23 j 16:34	0°♁	
	-1178 Oct 16 j 18:19	0°♁			-1175 Mar 20 j 05:25	0°♁	
evening max el	-1178 Oct 25 j 14:40	9°♁13'44	47°28'01		-1175 Apr 13 j 18:06	0°♁	
	-1178 Nov 17 j 04:44	0°♄		morning set	-1175 Apr 22 j 07:00	10°♁26'55	
greatest brilliancy	-1178 Dec 02 j 16:25	9°♄55'38	-4.7m		-1175 May 08 j 06:06	0°♁	
asc. node	-1178 Dec 07 j 18:44	11°♄51'47		asc. node	-1175 May 24 j 14:11	20°♁02'40	
retrograde	-1178 Dec 15 j 15:12	13°♄04'05		max. Earth dist.	-1175 May 26 j 09:27	22°♁15'34	1.73612 AU
evening set	-1178 Dec 31 j 05:38	8°♄10'59					
min. Earth dist.	-1177 Jan 04 j 08:13	5°♄41'23	0.27229 AU	superior conj	-1175 May 28 j 13:36	24°♁55'49	0°09'24
inferior conj	-1177 Jan 05 j 10:02	5°♄00'52	6°26'36	minimum elong	-1175 May 28 j 11:44	24°♁50'03	0°09'19
minimum elong	-1177 Jan 05 j 00:13	5°♄16'17	6°24'31	behind sun begin	-1175 May 27 j 17:34	23°♁54'16	
morning rise	-1177 Jan 09 j 19:27	2°♄19'53		behind sun end	-1175 May 29 j 05:53	25°♁45'51	
	-1177 Jan 14 j 05:46	30°♁			-1175 Jun 01 j 16:35	0°♄	
direct	-1177 Jan 25 j 23:46	27°♁12'44			-1175 Jun 26 j 00:58	0°♄	
greatest brilliancy	-1177 Feb 05 j 11:02	29°♁15'04	-4.6m	evening rise	-1175 Jul 03 j 05:55	8°♄53'56	
	-1177 Feb 07 j 08:00	0°♄			-1175 Jul 20 j 07:30	0°♄	
morning max el	-1177 Mar 16 j 06:29	28°♄07'42	46°08'30		-1175 Aug 13 j 13:21	0°♄	
	-1177 Mar 18 j 04:32	0°♁			-1175 Sep 06 j 20:09	0°♄	
desc. node	-1177 Mar 29 j 09:51	11°♁21'03		desc. node	-1175 Sep 13 j 05:00	7°♄50'53	
	-1177 Apr 15 j 19:58	0°♁			-1175 Oct 01 j 05:34	0°♄	
	-1177 May 12 j 11:53	0°♁			-1175 Oct 25 j 19:55	0°♁	
	-1177 Jun 07 j 05:53	0°♁			-1175 Nov 19 j 20:19	0°♄	
	-1177 Jul 02 j 09:25	0°♄			-1175 Dec 15 j 20:25	0°♁	
asc. node	-1177 Jul 20 j 11:54	21°♄58'18		asc. node	-1174 Jan 04 j 06:42	20°♁47'59	
	-1177 Jul 27 j 01:17	0°♄		evening max el	-1174 Jan 04 j 19:10	21°♁19'33	46°39'23
	-1177 Aug 20 j 07:38	0°♄			-1174 Jan 13 j 16:30	0°♁	
morning set	-1177 Sep 09 j 12:18	25°♄14'28		greatest brilliancy	-1174 Feb 09 j 11:02	20°♁07'34	-4.6m
	-1177 Sep 13 j 07:18	0°♄		retrograde	-1174 Feb 24 j 02:31	24°♁00'22	
	-1177 Oct 07 j 03:30	0°♄		evening set	-1174 Mar 13 j 12:13	18°♁07'31	
				inferior conj	-1174 Mar 17 j 10:35	15°♁40'00	7°29'22
superior conj	-1177 Oct 18 j 19:03	14°♄40'46	0°47'36	minimum elong	-1174 Mar 17 j 18:20	15°♁27'40	7°28'19
minimum elong	-1177 Oct 19 j 05:23	15°♄13'18	0°47'11	min. Earth dist.	-1174 Mar 17 j 10:04	15°♁40'48	0.28916 AU
max. Earth dist.	-1177 Oct 18 j 19:08	14°♄41'00	1.71012 AU	morning rise	-1174 Mar 22 j 00:38	12°♁49'12	
	-1177 Oct 30 j 22:57	0°♄		direct	-1174 Apr 07 j 19:59	7°♁22'05	
desc. node	-1177 Nov 09 j 02:44	11°♄31'44		greatest brilliancy	-1174 Apr 20 j 03:40	10°♁03'43	-4.5m
	-1177 Nov 23 j 19:20	0°♁		desc. node	-1174 Apr 25 j 21:25	12°♁50'45	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1174 May 18 j 21:04	0°♊				-1171 Jan 20 j 14:04	0°♋		
morning max el	-1174 May 26 j 15:45	7°♊10'20	45°45'56	asc. node		-1171 Jan 31 j 18:36	13°♋06'02		
	-1174 Jun 18 j 02:31	0°♌				-1171 Feb 15 j 14:44	0°♊		
	-1174 Jul 15 j 02:51	0°♍				-1171 Mar 16 j 02:09	0°♌		
	-1174 Aug 09 j 17:36	0°♎		evening max el		-1171 Mar 16 j 20:52	0°♌45'23	45°27'36	
asc. node	-1174 Aug 16 j 23:45	8°♎42'12		greatest brilliancy		-1171 Apr 20 j 00:24	26°♌56'57	-4.5m	
	-1174 Sep 03 j 11:56	0°♏				-1171 Apr 29 j 01:42	0°♍		
	-1174 Sep 27 j 17:17	0°♐		retrograde		-1171 May 04 j 08:52	0°♍31'22		
	-1174 Oct 21 j 15:34	0°♑				-1171 May 09 j 12:53	30°♌♋		
	-1174 Nov 14 j 11:23	0°♒		evening set		-1171 May 19 j 09:26	26°♌12'00		
morning set	-1174 Nov 23 j 14:30	11°♒29'37		desc. node		-1171 May 23 j 09:21	23°♌52'20		
desc. node	-1174 Dec 06 j 14:33	27°♒50'53		inferior conj		-1171 May 25 j 19:51	22°♌21'29	0°-34'-3	
	-1174 Dec 08 j 07:39	0°♓		minimum elong		-1171 May 25 j 18:36	22°♌23'26	0°33'41	
	-1173 Jan 01 j 05:46	0°♓		min. Earth dist.		-1171 May 26 j 03:02	22°♌10'15	0.28954 AU	
				morning rise		-1171 Jun 01 j 03:32	18°♌33'57		
superior conj	-1173 Jan 04 j 16:35	4°♓19'08	-1°-1'-28	direct		-1171 Jun 16 j 13:46	14°♌02'43		
minimum elong	-1173 Jan 04 j 04:55	3°♓42'39	1°01'07	greatest brilliancy		-1171 Jun 30 j 16:49	17°♌30'58	-4.5m	
max. Earth dist.	-1173 Jan 08 j 18:04	9°♓23'55	1.71668 AU			-1171 Jul 19 j 17:03	0°♍		
	-1173 Jan 25 j 06:22	0°♎		morning max el		-1171 Aug 04 j 18:48	14°♍26'38	46°06'08	
evening rise	-1173 Feb 14 j 02:54	24°♎40'13				-1171 Aug 20 j 00:36	0°♎		
	-1173 Feb 18 j 10:14	0°♏		asc. node		-1171 Sep 13 j 11:35	27°♎15'36		
	-1173 Mar 14 j 18:25	0°♐				-1171 Sep 15 j 20:19	0°♏		
asc. node	-1173 Mar 29 j 16:28	18°♐15'04				-1171 Oct 11 j 01:05	0°♐		
	-1173 Apr 08 j 08:06	0°♑				-1171 Nov 04 j 11:38	0°♑		
	-1173 May 03 j 04:37	0°♒				-1171 Nov 28 j 14:29	0°♒		
	-1173 May 28 j 10:09	0°♓				-1171 Dec 22 j 15:28	0°♓		
	-1173 Jun 23 j 05:39	0°♏		desc. node		-1170 Jan 03 j 02:30	14°♓17'31		
desc. node	-1173 Jul 19 j 07:04	29°♏05'15				-1170 Jan 15 j 17:16	0°♓		
	-1173 Jul 20 j 03:20	0°♐		morning set		-1170 Feb 08 j 12:25	29°♓33'41		
evening max el	-1173 Aug 11 j 04:03	22°♐45'18	46°35'42			-1170 Feb 08 j 20:54	0°♑		
	-1173 Aug 18 j 19:50	0°♑				-1170 Mar 05 j 02:41	0°♏		
greatest brilliancy	-1173 Sep 19 j 11:31	22°♑07'33	-4.6m						
retrograde	-1173 Sep 30 j 01:28	24°♑11'07		superior conj		-1170 Mar 19 j 06:56	17°♏29'28	-1°-13'-47	
evening set	-1173 Oct 15 j 12:25	19°♑31'36		minimum elong		-1170 Mar 19 j 15:14	17°♏55'03	1°13'36	
inferior conj	-1173 Oct 20 j 14:15	16°♑32'16	-4°-51'-15	max. Earth dist.		-1170 Mar 21 j 15:26	20°♏23'33	1.73215 AU	
minimum elong	-1173 Oct 20 j 23:54	16°♑17'39	4°48'38			-1170 Mar 29 j 10:41	0°♐		
min. Earth dist.	-1173 Oct 20 j 23:49	16°♑17'47	0.26486 AU			-1170 Apr 22 j 20:45	0°♑		
morning rise	-1173 Oct 26 j 11:12	13°♑07'12		evening rise		-1170 Apr 25 j 13:42	3°♑19'08		
asc. node	-1173 Nov 09 j 08:52	8°♑55'19		asc. node		-1170 Apr 26 j 04:23	4°♑04'08		
direct	-1173 Nov 10 j 00:29	8°♑54'47		greatest brilliancy		-1170 May 10 j 06:11	21°♑18'49	-3.9m	
greatest brilliancy	-1173 Nov 22 j 13:39	11°♑52'33	-4.7m			-1170 May 17 j 08:36	0°♒		
	-1173 Dec 17 j 22:23	0°♓				-1170 Jun 10 j 22:09	0°♓		
morning max el	-1173 Dec 30 j 15:51	12°♓16'21	46°48'59			-1170 Jul 05 j 14:15	0°♏		
	-1172 Jan 16 j 10:50	0°♓				-1170 Jul 30 j 10:53	0°♐		
	-1172 Feb 12 j 01:58	0°♓		desc. node		-1170 Aug 15 j 19:00	19°♐30'58		
desc. node	-1172 Feb 29 j 00:09	19°♓41'04				-1170 Aug 24 j 15:28	0°♑		
	-1172 Mar 08 j 18:48	0°♎				-1170 Sep 19 j 10:36	0°♒		
	-1172 Apr 03 j 01:31	0°♏				-1170 Oct 16 j 14:39	0°♓		
	-1172 Apr 28 j 02:09	0°♐		evening max el		-1170 Oct 23 j 04:11	6°♓48'01	47°27'52	
	-1172 May 22 j 21:50	0°♑				-1170 Nov 17 j 22:51	0°♓		
	-1172 Jun 16 j 12:19	0°♒		greatest brilliancy		-1170 Nov 30 j 09:31	7°♓33'53	-4.7m	
asc. node	-1172 Jun 21 j 02:07	5°♒36'42		asc. node		-1170 Dec 06 j 20:57	9°♓51'21		
morning set	-1172 Jun 28 j 10:33	14°♒38'48		retrograde		-1170 Dec 13 j 04:50	10°♓38'57		
	-1172 Jul 10 j 21:14	0°♓		evening set		-1170 Dec 28 j 16:22	5°♓51'06		
max. Earth dist.	-1172 Jul 30 j 21:00	24°♓48'28	1.72362 AU	min. Earth dist.		-1169 Jan 01 j 22:34	3°♓16'37	0.27156 AU	
				inferior conj		-1169 Jan 02 j 23:45	2°♓37'10	6°11'21	
superior conj	-1172 Aug 03 j 23:19	29°♓54'31	1°19'40	minimum elong		-1169 Jan 02 j 13:53	2°♓52'38	6°09'11	
minimum elong	-1172 Aug 03 j 17:37	29°♓36'47	1°19'35	morning rise		-1169 Jan 07 j 11:59	29°♓52'07		
	-1172 Aug 04 j 01:04	0°♏				-1169 Jan 07 j 06:33	30°♓♓		
	-1172 Aug 28 j 01:25	0°♐		direct		-1169 Jan 23 j 12:09	24°♓50'01		
evening rise	-1172 Sep 10 j 13:38	16°♐54'48		greatest brilliancy		-1169 Feb 03 j 01:16	26°♓53'44	-4.6m	
	-1172 Sep 21 j 00:21	0°♑				-1169 Feb 09 j 17:09	0°♓		
desc. node	-1172 Oct 10 j 16:52	24°♑38'33		morning max el		-1169 Mar 13 j 19:29	25°♓47'02	46°10'05	
	-1172 Oct 14 j 23:41	0°♒				-1169 Mar 18 j 02:21	0°♎		
	-1172 Nov 08 j 00:36	0°♓		desc. node		-1169 Mar 28 j 11:48	10°♎37'34		
	-1172 Dec 02 j 04:39	0°♓				-1169 Apr 15 j 11:35	0°♏		
	-1172 Dec 26 j 14:59	0°♎				-1169 May 12 j 01:08	0°♐		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1169 Jun 06 j 17:59	0°♄			-1167 Nov 19 j 10:47	0°♄	
	-1169 Jul 01 j 20:54	0°♄			-1167 Dec 15 j 13:37	0°♄	
asc. node	-1169 Jul 19 j 13:58	21°♄30'19		evening max el	-1166 Jan 02 j 11:18	19°♄04'09	46°42'13
	-1169 Jul 26 j 12:27	0°♄		asc. node	-1166 Jan 03 j 08:46	19°♄58'17	
	-1169 Aug 19 j 18:39	0°♄			-1166 Jan 13 j 18:56	0°♄	
morning set	-1169 Sep 07 j 02:31	22°♄54'02		greatest brilliancy	-1166 Feb 07 j 03:58	17°♄55'45	-4.6m
	-1169 Sep 12 j 18:18	0°♄		retrograde	-1166 Feb 21 j 19:44	21°♄48'32	
	-1169 Oct 06 j 14:32	0°♄		evening set	-1166 Mar 11 j 06:54	15°♄52'02	
				inferior conj	-1166 Mar 15 j 02:55	13°♄27'59	7°38'30
superior conj	-1169 Oct 16 j 05:58	12°♄09'06	0°50'46	minimum elong	-1166 Mar 15 j 10:16	13°♄16'18	7°37'35
minimum elong	-1169 Oct 16 j 16:34	12°♄42'32	0°50'20	min. Earth dist.	-1166 Mar 15 j 01:04	13°♄30'55	0.28885 AU
max. Earth dist.	-1169 Oct 16 j 01:47	11°♄55'56	1.71031 AU	morning rise	-1166 Mar 19 j 13:51	10°♄41'58	
	-1169 Oct 30 j 10:02	0°♄		direct	-1166 Apr 05 j 12:10	5°♄10'42	
desc. node	-1169 Nov 08 j 04:49	11°♄03'19		greatest brilliancy	-1166 Apr 17 j 16:45	7°♄49'50	-4.5m
	-1169 Nov 23 j 06:29	0°♄		desc. node	-1166 Apr 24 j 23:32	11°♄28'45	
evening rise	-1169 Nov 27 j 01:04	4°♄44'15			-1166 May 18 j 22:51	0°♄	
	-1169 Dec 17 j 04:58	0°♄		morning max el	-1166 May 24 j 08:42	5°♄02'40	45°46'04
	-1168 Jan 10 j 06:44	0°♄			-1166 Jun 17 j 19:05	0°♄	
	-1168 Feb 03 j 13:56	0°♄			-1166 Jul 14 j 16:35	0°♄	
	-1168 Feb 28 j 06:01	0°♄			-1166 Aug 09 j 06:05	0°♄	
asc. node	-1168 Feb 29 j 06:34	1°♄13'53		asc. node	-1166 Aug 16 j 01:47	8°♄11'26	
	-1168 Mar 24 j 11:56	0°♄			-1166 Sep 02 j 23:49	0°♄	
	-1168 Apr 19 j 16:27	0°♄			-1166 Sep 27 j 04:52	0°♄	
	-1168 May 17 j 17:48	0°♄			-1166 Oct 21 j 03:01	0°♄	
evening max el	-1168 May 26 j 14:27	8°♄42'14	45°23'20		-1166 Nov 13 j 22:46	0°♄	
desc. node	-1168 Jun 19 j 21:20	28°♄59'05		morning set	-1166 Nov 21 j 00:26	8°♄54'03	
	-1168 Jun 21 j 10:09	0°♄		desc. node	-1166 Dec 05 j 16:44	27°♄22'07	
greatest brilliancy	-1168 Jul 02 j 11:32	5°♄52'16	-4.5m		-1166 Dec 07 j 18:59	0°♄	
retrograde	-1168 Jul 14 j 07:37	8°♄21'15			-1166 Dec 31 j 17:01	0°♄	
evening set	-1168 Jul 31 j 14:00	2°♄48'18					
inferior conj	-1168 Aug 04 j 11:59	0°♄27'22	-8°-18'-13	superior conj	-1165 Jan 02 j 02:32	1°♄44'52	0°-58'-41
minimum elong	-1168 Aug 04 j 05:29	0°♄37'18	8°17'36	minimum elong	-1165 Jan 01 j 14:51	1°♄08'18	0°58'19
min. Earth dist.	-1168 Aug 04 j 22:34	0°♄11'12	0.28116 AU	max. Earth dist.	-1165 Jan 06 j 05:48	6°♄55'25	1.71617 AU
	-1168 Aug 05 j 05:53	30°♄5			-1165 Jan 24 j 17:34	0°♄	
morning rise	-1168 Aug 07 j 20:42	28°♄25'05		evening rise	-1165 Feb 11 j 15:47	22°♄16'43	
direct	-1168 Aug 25 j 18:22	22°♄23'08			-1165 Feb 17 j 21:25	0°♄	
greatest brilliancy	-1168 Sep 09 j 04:28	26°♄05'46	-4.6m		-1165 Mar 14 j 05:41	0°♄	
	-1168 Sep 16 j 01:55	0°♄		asc. node	-1165 Mar 28 j 18:33	17°♄46'40	
asc. node	-1168 Oct 10 j 23:13	20°♄51'41			-1165 Apr 07 j 19:38	0°♄	
morning max el	-1168 Oct 15 j 06:40	25°♄09'50	46°46'13		-1165 May 02 j 16:37	0°♄	
	-1168 Oct 19 j 23:12	0°♄			-1165 May 27 j 23:00	0°♄	
	-1168 Nov 15 j 23:24	0°♄			-1165 Jun 22 j 20:05	0°♄	
	-1168 Dec 11 j 07:39	0°♄		desc. node	-1165 Jul 18 j 09:06	28°♄23'08	
	-1167 Jan 05 j 01:54	0°♄			-1165 Jul 19 j 21:13	0°♄	
	-1167 Jan 29 j 15:36	0°♄		evening max el	-1165 Aug 08 j 17:50	20°♄23'44	46°32'42
desc. node	-1167 Jan 30 j 14:18	1°♄09'24			-1165 Aug 19 j 00:42	0°♄	
	-1167 Feb 23 j 04:11	0°♄		greatest brilliancy	-1165 Sep 17 j 00:37	19°♄40'00	-4.6m
	-1167 Mar 19 j 16:40	0°♄		retrograde	-1165 Sep 27 j 13:05	21°♄41'38	
	-1167 Apr 13 j 05:05	0°♄		evening set	-1165 Oct 13 j 03:34	16°♄58'18	
morning set	-1167 Apr 20 j 01:08	8°♄22'02		inferior conj	-1165 Oct 18 j 02:20	14°♄02'59	-5°-11'-28
	-1167 May 07 j 16:55	0°♄		minimum elong	-1165 Oct 18 j 12:22	13°♄47'45	5°08'49
asc. node	-1167 May 23 j 16:23	19°♄36'19		min. Earth dist.	-1165 Oct 18 j 13:01	13°♄46'46	0.26523 AU
max. Earth dist.	-1167 May 24 j 09:45	20°♄29'39	1.73629 AU	morning rise	-1165 Oct 23 j 20:58	10°♄40'40	
				direct	-1165 Nov 07 j 13:19	6°♄25'05	
superior conj	-1167 May 26 j 08:29	22°♄53'14	0°06'20	asc. node	-1165 Nov 08 j 11:07	6°♄26'05	
minimum elong	-1167 May 26 j 07:13	22°♄49'19	0°06'18	greatest brilliancy	-1165 Nov 20 j 03:32	9°♄23'42	-4.7m
behind sun begin	-1167 May 25 j 10:37	21°♄46'03			-1165 Dec 18 j 03:55	0°♄	
behind sun end	-1167 May 27 j 03:49	23°♄52'36		morning max el	-1165 Dec 28 j 04:45	9°♄48'15	46°49'45
	-1167 Jun 01 j 03:21	0°♄			-1164 Jan 16 j 05:17	0°♄	
	-1167 Jun 25 j 11:50	0°♄			-1164 Feb 11 j 16:58	0°♄	
evening rise	-1167 Jul 01 j 01:05	6°♄51'14		desc. node	-1164 Feb 28 j 02:11	19°♄06'35	
	-1167 Jul 19 j 18:36	0°♄			-1164 Mar 08 j 08:06	0°♄	
	-1167 Aug 13 j 00:46	0°♄			-1164 Apr 02 j 13:49	0°♄	
	-1167 Sep 06 j 07:59	0°♄			-1164 Apr 27 j 13:51	0°♄	
desc. node	-1167 Sep 12 j 06:58	7°♄20'05			-1164 May 22 j 09:09	0°♄	
	-1167 Sep 30 j 17:58	0°♄			-1164 Jun 15 j 23:25	0°♄	
	-1167 Oct 25 j 09:05	0°♄		asc. node	-1164 Jun 20 j 04:13	5°♄09'07	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning set	-1164 Jun 26 j 04:43	12° Π 33'04		retrograde	-1162 Dec 10 j 18:43	8° Θ 13'50	
	-1164 Jul 10 j 08:14	0° Θ		evening set	-1162 Dec 26 j 03:15	3° Θ 30'32	
max. Earth dist.	-1164 Jul 28 j 12:00	22° Θ 31'37	1.72418 AU	min. Earth dist.	-1162 Dec 30 j 12:50	0° Θ 51'43	0.27093 AU
				inferior conj	-1162 Dec 31 j 13:32	0° Θ 13'07	5°55'22
superior conj	-1164 Aug 01 j 16:39	27° Θ 44'46	1°18'32	minimum elong	-1162 Dec 31 j 03:41	0° Θ 28'32	5°53'05
minimum elong	-1164 Aug 01 j 10:26	27° Θ 25'26	1°18'26		-1162 Dec 31 j 21:56	30° \mathbb{R} 7	
	-1164 Aug 03 j 12:05	0° \mathbb{Q}		morning rise	-1161 Jan 05 j 04:39	27° \mathbb{X} 24'10	
	-1164 Aug 27 j 12:31	0° \mathbb{P}		direct	-1161 Jan 21 j 00:42	22° \mathbb{X} 26'42	
evening rise	-1164 Sep 08 j 03:40	14° \mathbb{P} 33'22		greatest brilliancy	-1161 Jan 31 j 15:59	24° \mathbb{X} 32'22	-4.6m
	-1164 Sep 20 j 11:39	0° \mathbb{A}			-1161 Feb 11 j 06:16	0° Θ	
desc. node	-1164 Oct 09 j 19:01	24° \mathbb{A} 09'23		morning max el	-1161 Mar 11 j 09:32	23° Θ 27'54	46°11'27
	-1164 Oct 14 j 11:12	0° \mathbb{M}			-1161 Mar 17 j 23:45	0° \approx	
	-1164 Nov 07 j 12:24	0° \mathbb{X}		desc. node	-1161 Mar 27 j 13:59	9° \approx 54'16	
	-1164 Dec 01 j 16:47	0° Θ			-1161 Apr 15 j 03:20	0° \mathbb{X}	
	-1164 Dec 26 j 03:40	0° \approx			-1161 May 11 j 14:38	0° \mathbb{Y}	
	-1163 Jan 20 j 03:45	0° \mathbb{X}			-1161 Jun 06 j 06:19	0° \mathbb{X}	
asc. node	-1163 Jan 30 j 20:36	12° \mathbb{X} 30'18			-1161 Jul 01 j 08:34	0° Π	
	-1163 Feb 15 j 06:36	0° \mathbb{Y}		asc. node	-1161 Jul 18 j 15:58	21° Π 01'34	
evening max el	-1163 Mar 14 j 11:41	28° \mathbb{Y} 31'06	45°29'14		-1161 Jul 25 j 23:46	0° Θ	
	-1163 Mar 16 j 00:38	0° \mathbb{X}			-1161 Aug 19 j 05:50	0° \mathbb{Q}	
greatest brilliancy	-1163 Apr 17 j 15:54	24° \mathbb{X} 46'58	-4.5m	morning set	-1161 Sep 04 j 16:58	20° \mathbb{Q} 33'57	
retrograde	-1163 May 02 j 00:44	28° \mathbb{X} 22'46			-1161 Sep 12 j 05:26	0° \mathbb{P}	
evening set	-1163 May 17 j 02:27	24° \mathbb{X} 02'16			-1161 Oct 06 j 01:42	0° \mathbb{A}	
desc. node	-1163 May 22 j 11:31	20° \mathbb{X} 51'20					
inferior conj	-1163 May 23 j 12:20	20° \mathbb{X} 12'33	0°-14'-27	superior conj	-1161 Oct 13 j 17:17	9° \mathbb{A} 38'20	0°53'47
minimum elong	-1163 May 23 j 11:49	20° \mathbb{X} 13'22	0°14'18	minimum elong	-1161 Oct 14 j 04:05	10° \mathbb{A} 12'22	0°53'21
transit middle	-1163 May 23 j 11:49	20° \mathbb{X} 13'22	0°14'18	max. Earth dist.	-1161 Oct 13 j 10:22	9° \mathbb{A} 16'32	1.71048 AU
transit begin	-1163 May 23 j 09:54	20° \mathbb{X} 16'21			-1161 Oct 29 j 21:13	0° \mathbb{M}	
transit end	-1163 May 23 j 13:43	20° \mathbb{X} 10'23		desc. node	-1161 Nov 07 j 06:59	10° \mathbb{M} 34'53	
min. Earth dist.	-1163 May 23 j 20:09	20° \mathbb{X} 00'19	0.28968 AU		-1161 Nov 22 j 17:43	0° \mathbb{X}	
morning rise	-1163 May 29 j 20:49	16° \mathbb{X} 23'26		evening rise	-1161 Nov 24 j 10:43	2° \mathbb{X} 08'41	
direct	-1163 Jun 14 j 05:43	11° \mathbb{X} 53'22			-1161 Dec 16 j 16:16	0° Θ	
greatest brilliancy	-1163 Jun 28 j 08:23	15° \mathbb{X} 20'19	-4.5m		-1160 Jan 09 j 18:09	0° \approx	
	-1163 Jul 20 j 00:20	0° Π			-1160 Feb 03 j 01:36	0° \mathbb{X}	
morning max el	-1163 Aug 02 j 09:35	12° Π 11'40	46°04'59		-1160 Feb 27 j 18:08	0° \mathbb{Y}	
	-1163 Aug 19 j 18:24	0° Θ		asc. node	-1160 Feb 28 j 08:39	0° \mathbb{Y} 43'36	
asc. node	-1163 Sep 12 j 13:38	26° Θ 39'11			-1160 Mar 24 j 01:01	0° \mathbb{X}	
	-1163 Sep 15 j 10:44	0° \mathbb{Q}			-1160 Apr 19 j 07:33	0° Π	
	-1163 Oct 10 j 14:06	0° \mathbb{P}			-1160 May 17 j 14:07	0° Θ	
	-1163 Nov 03 j 23:57	0° \mathbb{A}		evening max el	-1160 May 24 j 05:49	6° Θ 29'26	45°22'10
	-1163 Nov 28 j 02:24	0° \mathbb{M}		desc. node	-1160 Jun 18 j 23:21	27° Θ 42'38	
	-1163 Dec 22 j 03:07	0° \mathbb{X}			-1160 Jun 22 j 17:02	0° \mathbb{Q}	
desc. node	-1162 Jan 02 j 04:31	13° \mathbb{X} 47'45		greatest brilliancy	-1160 Jun 29 j 21:45	3° \mathbb{Q} 32'08	-4.5m
	-1162 Jan 15 j 04:43	0° Θ		retrograde	-1160 Jul 11 j 22:09	6° \mathbb{Q} 04'52	
morning set	-1162 Feb 06 j 00:48	27° Θ 08'15		evening set	-1160 Jul 29 j 00:46	0° \mathbb{Q} 36'26	
	-1162 Feb 08 j 08:11	0° \approx			-1160 Jul 30 j 01:41	30° \mathbb{R} 5	
	-1162 Mar 04 j 13:50	0° \mathbb{X}		inferior conj	-1160 Aug 02 j 02:21	28° Θ 10'07	-8°-10'-22
				minimum elong	-1160 Aug 01 j 19:14	28° Θ 21'01	8°09'36
superior conj	-1162 Mar 16 j 22:40	15° \mathbb{X} 15'57	-1°-15'-23	min. Earth dist.	-1160 Aug 02 j 11:56	27° Θ 55'28	0.28163 AU
minimum elong	-1162 Mar 17 j 06:37	15° \mathbb{X} 40'26	1°15'14	morning rise	-1160 Aug 05 j 13:27	26° Θ 04'24	
max. Earth dist.	-1162 Mar 19 j 08:52	18° \mathbb{X} 15'16	1.73169 AU	direct	-1160 Aug 23 j 10:00	20° Θ 05'15	
	-1162 Mar 28 j 21:44	0° \mathbb{Y}		greatest brilliancy	-1160 Sep 06 j 20:10	23° Θ 48'32	-4.6m
	-1162 Apr 22 j 07:49	0° \mathbb{X}			-1160 Sep 17 j 02:42	0° \mathbb{Q}	
evening rise	-1162 Apr 23 j 07:30	1° \mathbb{X} 12'38		asc. node	-1160 Oct 10 j 01:28	19° \mathbb{Q} 58'32	
asc. node	-1162 Apr 25 j 06:34	3° \mathbb{X} 36'54		morning max el	-1160 Oct 12 j 22:06	22° \mathbb{Q} 50'39	46°45'10
	-1162 May 16 j 19:47	0° Π			-1160 Oct 19 j 19:39	0° \mathbb{P}	
	-1162 Jun 10 j 09:38	0° Θ			-1160 Nov 15 j 15:03	0° \mathbb{A}	
	-1162 Jul 05 j 02:14	0° \mathbb{Q}			-1160 Dec 10 j 21:21	0° \mathbb{M}	
	-1162 Jul 29 j 23:38	0° \mathbb{P}			-1159 Jan 04 j 14:33	0° \mathbb{X}	
desc. node	-1162 Aug 14 j 21:01	18° \mathbb{P} 57'06			-1159 Jan 29 j 03:35	0° Θ	
	-1162 Aug 24 j 05:25	0° \mathbb{A}		desc. node	-1159 Jan 29 j 16:22	0° Θ 39'08	
	-1162 Sep 19 j 02:40	0° \mathbb{M}			-1159 Feb 22 j 15:42	0° \approx	
	-1162 Oct 16 j 11:43	0° \mathbb{X}			-1159 Mar 19 j 03:51	0° \mathbb{X}	
evening max el	-1162 Oct 20 j 17:40	4° \mathbb{X} 22'08	47°27'43		-1159 Apr 12 j 16:02	0° \mathbb{Y}	
	-1162 Nov 18 j 23:22	0° Θ		morning set	-1159 Apr 17 j 19:05	6° \mathbb{Y} 16'37	
greatest brilliancy	-1162 Nov 28 j 01:25	5° Θ 10'24	-4.7m		-1159 May 07 j 03:44	0° \mathbb{X}	
asc. node	-1162 Dec 05 j 22:57	7° Θ 45'46		max. Earth dist.	-1159 May 22 j 09:10	18° \mathbb{X} 40'55	1.73645 AU

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

asc. node	-1159 May 22 j 18:27	19°♄09'25		morning rise	-1157 Oct 21 j 06:31	8°♁15'32	
				direct	-1157 Nov 05 j 01:38	3°♁56'18	
superior conj	-1159 May 24 j 03:05	20°♄49'40	0°03'15	asc. node	-1157 Nov 07 j 13:09	4°♁03'42	
minimum elong	-1159 May 24 j 02:25	20°♄47'37	0°03'14	greatest brilliancy	-1157 Nov 17 j 18:15	6°♁56'52	-4.7m
behind sun begin	-1159 May 23 j 04:32	19°♄40'25			-1157 Dec 18 j 07:13	0°♄	
behind sun end	-1159 May 25 j 00:18	21°♄54'50		morning max el	-1157 Dec 25 j 16:53	7°♄19'03	46°50'30
	-1159 May 31 j 14:10	0°♄			-1156 Jan 15 j 22:57	0°♄	
	-1159 Jun 24 j 22:44	0°♄			-1156 Feb 11 j 07:25	0°♄	
evening rise	-1159 Jun 28 j 19:56	4°♄47'35		desc. node	-1156 Feb 27 j 04:17	18°♄33'32	
	-1159 Jul 19 j 05:40	0°♄			-1156 Mar 07 j 20:57	0°♄	
	-1159 Aug 12 j 12:08	0°♄			-1156 Apr 02 j 01:44	0°♄	
	-1159 Sep 05 j 19:46	0°♄			-1156 Apr 27 j 01:10	0°♄	
desc. node	-1159 Sep 11 j 09:07	6°♁50'05			-1156 May 21 j 20:06	0°♄	
	-1159 Sep 30 j 06:19	0°♄			-1156 Jun 15 j 10:10	0°♄	
	-1159 Oct 24 j 22:15	0°♄		asc. node	-1156 Jun 19 j 06:14	4°♄42'21	
	-1159 Nov 19 j 01:16	0°♄		morning set	-1156 Jun 23 j 22:54	10°♄28'27	
	-1159 Dec 15 j 06:59	0°♄			-1156 Jul 09 j 18:56	0°♄	
evening max el	-1159 Dec 31 j 03:50	16°♄50'10	46°45'02	max. Earth dist.	-1156 Jul 26 j 04:39	20°♄20'45	1.72482 AU
asc. node	-1158 Jan 02 j 10:51	19°♄08'21					
	-1158 Jan 13 j 22:38	0°♄		superior conj	-1156 Jul 30 j 09:54	25°♄35'38	1°17'16
greatest brilliancy	-1158 Feb 04 j 21:52	15°♄45'56	-4.6m	minimum elong	-1156 Jul 30 j 03:14	25°♄14'53	1°17'10
retrograde	-1158 Feb 19 j 12:44	19°♄37'17			-1156 Aug 02 j 22:49	0°♄	
evening set	-1158 Mar 09 j 01:31	13°♄37'41			-1156 Aug 26 j 23:24	0°♄	
inferior conj	-1158 Mar 12 j 19:19	11°♄16'45	7°46'54	evening rise	-1156 Sep 05 j 17:35	12°♄12'29	
minimum elong	-1158 Mar 13 j 02:12	11°♄05'49	7°46'08		-1156 Sep 19 j 22:43	0°♄	
min. Earth dist.	-1158 Mar 12 j 16:04	11°♄21'54	0.28853 AU	desc. node	-1156 Oct 08 j 21:08	23°♄40'58	
morning rise	-1158 Mar 17 j 03:09	8°♄35'20			-1156 Oct 13 j 22:28	0°♄	
direct	-1158 Apr 03 j 04:38	3°♄00'17			-1156 Nov 06 j 23:54	0°♄	
greatest brilliancy	-1158 Apr 15 j 05:09	5°♄35'50	-4.5m		-1156 Dec 01 j 04:37	0°♄	
desc. node	-1158 Apr 24 j 01:43	10°♄10'06			-1156 Dec 25 j 16:03	0°♄	
	-1158 May 18 j 23:09	0°♄			-1155 Jan 19 j 17:10	0°♄	
morning max el	-1158 May 22 j 01:01	2°♄53'56	45°46'00	asc. node	-1155 Jan 29 j 22:45	11°♄55'48	
	-1158 Jun 17 j 11:15	0°♄			-1155 Feb 14 j 22:20	0°♄	
	-1158 Jul 14 j 06:07	0°♄		evening max el	-1155 Mar 12 j 02:16	26°♄17'24	45°31'01
	-1158 Aug 08 j 18:26	0°♄			-1155 Mar 15 j 23:34	0°♄	
asc. node	-1158 Aug 15 j 03:56	7°♄41'22		greatest brilliancy	-1155 Apr 15 j 06:34	22°♄37'20	-4.5m
	-1158 Sep 02 j 11:32	0°♄		retrograde	-1155 Apr 29 j 17:01	26°♄15'58	
	-1158 Sep 26 j 16:16	0°♄		evening set	-1155 May 14 j 19:43	21°♄53'50	
	-1158 Oct 20 j 14:14	0°♄		inferior conj	-1155 May 21 j 04:56	18°♄05'13	0°04'58
	-1158 Nov 13 j 09:55	0°♄		minimum elong	-1155 May 21 j 05:07	18°♄04'55	0°04'56
morning set	-1158 Nov 18 j 10:22	6°♄19'14		transit middle	-1155 May 21 j 05:07	18°♄04'55	0°04'56
desc. node	-1158 Dec 04 j 18:41	26°♄53'19		transit begin	-1155 May 21 j 01:15	18°♄10'59	
	-1158 Dec 07 j 06:05	0°♄		transit end	-1155 May 21 j 09:00	17°♄58'52	
				min. Earth dist.	-1155 May 21 j 13:12	17°♄52'16	0.28983 AU
superior conj	-1158 Dec 30 j 12:27	29°♄11'10	0°-55'-47	desc. node	-1155 May 21 j 13:27	17°♄51'53	
minimum elong	-1158 Dec 30 j 00:52	28°♄34'53	0°55'22	morning rise	-1155 May 27 j 14:08	14°♄14'58	
	-1158 Dec 31 j 04:03	0°♄		direct	-1155 Jun 11 j 21:46	9°♄45'32	
max. Earth dist.	-1157 Jan 03 j 17:26	4°♄27'11	1.71565 AU	greatest brilliancy	-1155 Jun 26 j 00:59	13°♄12'35	-4.5m
	-1157 Jan 24 j 04:31	0°♄			-1155 Jul 20 j 04:50	0°♄	
evening rise	-1157 Feb 09 j 04:37	19°♄53'47		morning max el	-1155 Jul 31 j 00:59	9°♄59'31	46°03'43
	-1157 Feb 17 j 08:20	0°♄			-1155 Aug 19 j 11:26	0°♄	
	-1157 Mar 13 j 16:42	0°♄		asc. node	-1155 Sep 11 j 15:49	26°♄04'18	
asc. node	-1157 Mar 27 j 20:46	17°♄19'31			-1155 Sep 15 j 00:43	0°♄	
	-1157 Apr 07 j 06:53	0°♄			-1155 Oct 10 j 02:48	0°♄	
	-1157 May 02 j 04:22	0°♄			-1155 Nov 03 j 12:00	0°♄	
	-1157 May 27 j 11:41	0°♄			-1155 Nov 27 j 14:03	0°♄	
	-1157 Jun 22 j 10:30	0°♄			-1155 Dec 21 j 14:27	0°♄	
desc. node	-1157 Jul 17 j 11:10	27°♄24'00		desc. node	-1154 Jan 01 j 06:36	13°♄19'12	
	-1157 Jul 19 j 15:21	0°♄			-1154 Jan 14 j 15:49	0°♄	
evening max el	-1157 Aug 06 j 06:47	18°♄00'38	46°29'43	morning set	-1154 Feb 03 j 12:57	24°♄43'03	
	-1157 Aug 19 j 07:23	0°♄			-1154 Feb 07 j 19:06	0°♄	
greatest brilliancy	-1157 Sep 14 j 14:21	17°♄13'54	-4.6m		-1154 Mar 04 j 00:37	0°♄	
retrograde	-1157 Sep 25 j 00:16	19°♄13'07					
evening set	-1157 Oct 10 j 18:48	14°♄25'48		superior conj	-1154 Mar 14 j 14:25	13°♄03'26	-1°-16'-53
inferior conj	-1157 Oct 15 j 14:28	11°♄34'48	-5°-30'-53	minimum elong	-1154 Mar 14 j 21:57	13°♄26'40	1°16'45
minimum elong	-1157 Oct 16 j 00:48	11°♄19'05	5°28'17	max. Earth dist.	-1154 Mar 17 j 01:16	16°♄04'53	1.73124 AU
min. Earth dist.	-1157 Oct 16 j 02:28	11°♄16'33	0.26560 AU		-1154 Mar 28 j 08:27	0°♄	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening rise	-1154 Apr 21 j 01:26	29° Υ 07'39			-1152 Sep 17 j 20:20	0° Ω	
	-1154 Apr 21 j 18:31	0° \mathcal{B}		asc. node	-1152 Oct 09 j 03:28	19° Ω 06'48	
asc. node	-1154 Apr 24 j 08:37	3° \mathcal{B} 10'20		morning max el	-1152 Oct 10 j 12:51	20° Ω 30'52	46°43'55
	-1154 May 16 j 06:36	0° Π			-1152 Oct 19 j 15:08	0° \mathfrak{M}	
	-1154 Jun 09 j 20:45	0° \mathfrak{S}			-1152 Nov 15 j 06:15	0° $\underline{\mathfrak{A}}$	
	-1154 Jul 04 j 13:53	0° Ω			-1152 Dec 10 j 10:48	0° \mathfrak{M}	
	-1154 Jul 29 j 12:06	0° \mathfrak{M}			-1151 Jan 04 j 03:05	0° \mathcal{A}	
desc. node	-1154 Aug 13 j 23:10	18° \mathfrak{M} 24'29		desc. node	-1151 Jan 28 j 18:31	0° \mathfrak{S} 09'15	
	-1154 Aug 23 j 19:11	0° $\underline{\mathfrak{A}}$			-1151 Jan 28 j 15:30	0° \mathfrak{S}	
	-1154 Sep 18 j 18:46	0° \mathfrak{M}			-1151 Feb 22 j 03:09	0° \approx	
	-1154 Oct 16 j 09:24	0° \mathcal{A}			-1151 Mar 18 j 14:57	0° \mathcal{H}	
evening max el	-1154 Oct 18 j 07:41	1° \mathcal{A} 58'06	47°27'24		-1151 Apr 12 j 02:52	0° Υ	
	-1154 Nov 20 j 09:38	0° \mathfrak{S}		morning set	-1151 Apr 15 j 12:52	4° Υ 11'00	
greatest brilliancy	-1154 Nov 25 j 16:28	2° \mathfrak{S} 45'39	-4.7m		-1151 May 06 j 14:27	0° \mathcal{B}	
asc. node	-1154 Dec 05 j 01:01	5° \mathfrak{S} 34'43		max. Earth dist.	-1151 May 20 j 07:49	16° \mathcal{B} 50'17	1.73655 AU
retrograde	-1154 Dec 08 j 08:48	5° \mathfrak{S} 48'13					
evening set	-1154 Dec 23 j 13:57	1° \mathfrak{S} 09'07		superior conj	-1151 May 21 j 21:40	18° \mathcal{B} 46'28	0°00'07
	-1154 Dec 25 j 13:29	30° \mathcal{R} \mathcal{A}		minimum elong	-1151 May 21 j 21:39	18° \mathcal{B} 46'26	0°00'08
min. Earth dist.	-1154 Dec 28 j 02:34	28° \mathcal{A} 26'31	0.27026 AU	behind sun begin	-1151 May 20 j 23:40	17° \mathcal{B} 38'56	
inferior conj	-1154 Dec 29 j 02:59	27° \mathcal{A} 48'30	5°38'32	behind sun end	-1151 May 22 j 19:38	19° \mathcal{B} 53'56	
minimum elong	-1154 Dec 28 j 17:13	28° \mathcal{A} 03'43	5°36'10	asc. node	-1151 May 21 j 20:27	18° \mathcal{B} 42'44	
morning rise	-1153 Jan 02 j 21:03	24° \mathcal{A} 55'51			-1151 May 31 j 00:52	0° Π	
direct	-1153 Jan 18 j 13:26	20° \mathcal{A} 02'54			-1151 Jun 24 j 09:32	0° \mathfrak{S}	
greatest brilliancy	-1153 Jan 29 j 05:54	22° \mathcal{A} 10'12	-4.6m	evening rise	-1151 Jun 26 j 15:00	2° \mathfrak{S} 44'55	
	-1153 Feb 12 j 08:16	0° \mathfrak{S}			-1151 Jul 18 j 16:40	0° Ω	
morning max el	-1153 Mar 09 j 00:06	21° \mathfrak{S} 10'46	46°12'56		-1151 Aug 11 j 23:25	0° \mathfrak{M}	
	-1153 Mar 17 j 20:05	0° \approx			-1151 Sep 05 j 07:27	0° $\underline{\mathfrak{A}}$	
desc. node	-1153 Mar 26 j 16:07	9° \approx 12'20		desc. node	-1151 Sep 10 j 11:14	6° $\underline{\mathfrak{A}}$ 20'23	
	-1153 Apr 14 j 18:30	0° \mathcal{H}			-1151 Sep 29 j 18:35	0° \mathfrak{M}	
	-1153 May 11 j 03:40	0° Υ			-1151 Oct 24 j 11:22	0° \mathcal{A}	
	-1153 Jun 05 j 18:14	0° \mathcal{B}			-1151 Nov 18 j 15:50	0° \mathfrak{S}	
	-1153 Jun 30 j 19:53	0° Π			-1151 Dec 15 j 00:45	0° \approx	
asc. node	-1153 Jul 17 j 18:10	20° Π 34'26		evening max el	-1151 Dec 28 j 19:39	14° \approx 33'54	46°47'30
	-1153 Jul 25 j 10:45	0° \mathfrak{S}		asc. node	-1150 Jan 01 j 12:59	18° \approx 17'19	
	-1153 Aug 18 j 16:41	0° Ω			-1150 Jan 14 j 04:27	0° \mathcal{H}	
morning set	-1153 Sep 02 j 07:50	18° Ω 16'21		greatest brilliancy	-1150 Feb 02 j 16:42	13° \mathcal{H} 36'18	-4.6m
	-1153 Sep 11 j 16:17	0° \mathfrak{M}		retrograde	-1150 Feb 17 j 05:09	17° \mathcal{H} 24'44	
	-1153 Oct 05 j 12:35	0° $\underline{\mathfrak{A}}$		evening set	-1150 Mar 06 j 19:51	11° \mathcal{H} 22'26	
				inferior conj	-1150 Mar 10 j 11:32	9° \mathcal{H} 04'27	7°54'48
superior conj	-1153 Oct 11 j 04:46	7° $\underline{\mathfrak{A}}$ 08'54	0°56'40	minimum elong	-1150 Mar 10 j 17:53	8° \mathcal{H} 54'20	7°54'08
minimum elong	-1153 Oct 11 j 15:40	7° $\underline{\mathfrak{A}}$ 43'13	0°56'16	min. Earth dist.	-1150 Mar 10 j 07:11	9° \mathcal{H} 11'22	0.28816 AU
max. Earth dist.	-1153 Oct 10 j 19:29	6° $\underline{\mathfrak{A}}$ 39'38	1.71074 AU	morning rise	-1150 Mar 14 j 16:13	6° \mathcal{H} 27'32	
	-1153 Oct 29 j 08:12	0° \mathfrak{M}		direct	-1150 Mar 31 j 20:35	0° \mathcal{H} 48'55	
desc. node	-1153 Nov 06 j 08:58	10° \mathfrak{M} 06'25		greatest brilliancy	-1150 Apr 12 j 17:29	3° \mathcal{H} 20'51	-4.5m
evening rise	-1153 Nov 21 j 19:59	29° \mathfrak{M} 32'21		desc. node	-1150 Apr 23 j 03:39	8° \mathcal{H} 52'49	
	-1153 Nov 22 j 04:48	0° \mathcal{A}			-1150 May 18 j 22:29	0° Υ	
	-1153 Dec 16 j 03:27	0° \mathfrak{S}		morning max el	-1150 May 19 j 16:12	0° Υ 42'08	45°46'08
	-1152 Jan 09 j 05:27	0° \approx			-1150 Jun 17 j 03:10	0° \mathcal{B}	
	-1152 Feb 02 j 13:06	0° \mathcal{H}			-1150 Jul 13 j 19:33	0° Π	
asc. node	-1152 Feb 27 j 10:50	0° Υ 14'12			-1150 Aug 08 j 06:42	0° \mathfrak{S}	
	-1152 Feb 27 j 06:06	0° Υ		asc. node	-1150 Aug 14 j 06:01	7° \mathfrak{S} 11'10	
	-1152 Mar 23 j 13:58	0° \mathcal{B}			-1150 Sep 01 j 23:13	0° Ω	
	-1152 Apr 18 j 22:36	0° Π			-1150 Sep 26 j 03:38	0° \mathfrak{M}	
	-1152 May 17 j 10:48	0° \mathfrak{S}			-1150 Oct 20 j 01:27	0° $\underline{\mathfrak{A}}$	
evening max el	-1152 May 21 j 21:48	4° \mathfrak{S} 18'59	45°21'03		-1150 Nov 12 j 21:04	0° \mathfrak{M}	
desc. node	-1152 Jun 18 j 01:28	26° \mathfrak{S} 25'05		morning set	-1150 Nov 15 j 20:49	3° \mathfrak{M} 46'00	
	-1152 Jun 24 j 13:13	0° Ω		desc. node	-1150 Dec 03 j 20:49	26° \mathfrak{M} 25'10	
greatest brilliancy	-1152 Jun 27 j 09:28	1° Ω 15'09	-4.5m		-1150 Dec 06 j 17:11	0° \mathcal{A}	
retrograde	-1152 Jul 09 j 12:48	3° Ω 50'08					
	-1152 Jul 23 j 15:44	30° \mathcal{R} \mathfrak{S}		superior conj	-1150 Dec 27 j 22:35	26° \mathcal{A} 38'02	0°-52'-45
evening set	-1152 Jul 26 j 11:51	28° \mathfrak{S} 26'39		minimum elong	-1150 Dec 27 j 11:11	26° \mathcal{A} 02'20	0°52'21
inferior conj	-1152 Jul 30 j 17:02	25° \mathfrak{S} 54'46	-8°-1'-52		-1150 Dec 30 j 15:06	0° \mathfrak{S}	
minimum elong	-1152 Jul 30 j 09:20	26° \mathfrak{S} 06'34	8°00'57	max. Earth dist.	-1149 Jan 01 j 04:19	1° \mathfrak{S} 56'28	1.71518 AU
min. Earth dist.	-1152 Jul 31 j 01:41	25° \mathfrak{S} 41'31	0.28205 AU		-1149 Jan 23 j 15:33	0° \approx	
morning rise	-1152 Aug 03 j 06:37	23° \mathfrak{S} 45'15		evening rise	-1149 Feb 06 j 17:14	17° \approx 29'44	
direct	-1152 Aug 21 j 01:54	17° \mathfrak{S} 49'28			-1149 Feb 16 j 19:24	0° \mathcal{H}	
greatest brilliancy	-1152 Sep 04 j 10:52	21° \mathfrak{S} 31'33	-4.6m		-1149 Mar 13 j 03:52	0° Υ	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

asc. node	-1149 Mar 26 j 22:44	16° Υ 51'09			-1147 Nov 27 j 01:55	0° \mathbb{M}	
	-1149 Apr 06 j 18:19	0° \mathcal{B}			-1147 Dec 21 j 02:02	0° \mathcal{A}	
	-1149 May 01 j 16:19	0° Π		desc. node	-1147 Dec 31 j 08:45	12° \mathcal{A} 50'01	
	-1149 May 27 j 00:35	0° \mathfrak{S}			-1146 Jan 14 j 03:11	0° \mathfrak{C}	
	-1149 Jun 22 j 01:12	0° Ω		morning set	-1146 Feb 01 j 01:08	22° \mathfrak{C} 16'58	
desc. node	-1149 Jul 16 j 13:19	26° Ω 58'17			-1146 Feb 07 j 06:17	0° \approx	
	-1149 Jul 19 j 10:04	0° \mathfrak{M}			-1146 Mar 03 j 11:39	0° \mathcal{H}	
evening max el	-1149 Aug 03 j 18:46	15° \mathfrak{M} 35'02	46°26'46				
	-1149 Aug 19 j 16:42	0° $\underline{\mathfrak{A}}$		superior conj	-1146 Mar 12 j 06:10	10° \mathcal{H} 50'03	-1°-18'-16
greatest brilliancy	-1149 Sep 12 j 04:08	14° $\underline{\mathfrak{A}}$ 47'49	-4.6m	minimum elong	-1146 Mar 12 j 13:13	11° \mathcal{H} 11'48	1°18'09
retrograde	-1149 Sep 22 j 11:30	16° $\underline{\mathfrak{A}}$ 45'03		max. Earth dist.	-1146 Mar 14 j 18:35	13° \mathcal{H} 56'24	1.73081 AU
evening set	-1149 Oct 08 j 10:11	11° $\underline{\mathfrak{A}}$ 53'13			-1146 Mar 27 j 19:25	0° Υ	
inferior conj	-1149 Oct 13 j 02:44	9° $\underline{\mathfrak{A}}$ 06'49	-5°-49'-36	evening rise	-1146 Apr 18 j 19:23	27° Υ 01'46	
minimum elong	-1149 Oct 13 j 13:17	8° $\underline{\mathfrak{A}}$ 50'47	5°47'02		-1146 Apr 21 j 05:32	0° \mathcal{B}	
min. Earth dist.	-1149 Oct 13 j 16:08	8° $\underline{\mathfrak{A}}$ 46'27	0.26601 AU	asc. node	-1146 Apr 23 j 10:41	2° \mathcal{B} 42'52	
morning rise	-1149 Oct 18 j 15:59	5° $\underline{\mathfrak{A}}$ 51'05			-1146 May 15 j 17:47	0° Π	
direct	-1149 Nov 02 j 13:47	1° $\underline{\mathfrak{A}}$ 27'24			-1146 Jun 09 j 08:16	0° \mathfrak{S}	
asc. node	-1149 Nov 06 j 15:10	1° $\underline{\mathfrak{A}}$ 47'00			-1146 Jul 04 j 01:56	0° Ω	
greatest brilliancy	-1149 Nov 15 j 09:51	4° $\underline{\mathfrak{A}}$ 31'10	-4.7m		-1146 Jul 29 j 00:59	0° \mathfrak{M}	
	-1149 Dec 18 j 09:04	0° \mathbb{M}		desc. node	-1146 Aug 13 j 01:13	17° \mathfrak{M} 50'22	
morning max el	-1149 Dec 23 j 05:17	4° \mathbb{M} 50'11	46°51'23		-1146 Aug 23 j 09:24	0° $\underline{\mathfrak{A}}$	
	-1148 Jan 15 j 16:18	0° \mathcal{A}			-1146 Sep 18 j 11:28	0° \mathbb{M}	
	-1148 Feb 10 j 21:49	0° \mathfrak{C}		evening max el	-1146 Oct 15 j 22:27	29° \mathbb{M} 35'09	47°26'58
desc. node	-1148 Feb 26 j 06:23	18° \mathfrak{C} 00'12			-1146 Oct 16 j 08:17	0° \mathcal{A}	
	-1148 Mar 07 j 09:53	0° \approx			-1146 Nov 22 j 14:23	0° \mathfrak{C}	
	-1148 Apr 01 j 13:49	0° \mathcal{H}		greatest brilliancy	-1146 Nov 23 j 07:03	0° \mathfrak{C} 19'09	-4.7m
	-1148 Apr 26 j 12:43	0° Υ		asc. node	-1146 Dec 04 j 03:15	3° \mathfrak{C} 16'56	
	-1148 May 21 j 07:18	0° \mathcal{B}		retrograde	-1146 Dec 05 j 23:02	3° \mathfrak{C} 21'03	
	-1148 Jun 14 j 21:09	0° Π			-1146 Dec 18 j 17:04	30° \mathcal{R} \mathcal{A}	
asc. node	-1148 Jun 18 j 08:26	4° Π 15'26		evening set	-1146 Dec 21 j 00:42	28° \mathcal{A} 46'00	
morning set	-1148 Jun 21 j 16:57	8° Π 22'45		min. Earth dist.	-1146 Dec 25 j 15:56	25° \mathcal{A} 59'55	0.26962 AU
	-1148 Jul 09 j 05:49	0° \mathfrak{S}		inferior conj	-1146 Dec 26 j 16:15	25° \mathcal{A} 22'11	5°20'45
max. Earth dist.	-1148 Jul 23 j 23:44	18° \mathfrak{S} 16'58	1.72541 AU	minimum elong	-1146 Dec 26 j 06:40	25° \mathcal{A} 37'04	5°18'21
				morning rise	-1146 Dec 31 j 13:16	22° \mathcal{A} 25'55	
superior conj	-1148 Jul 28 j 03:06	23° \mathfrak{S} 25'53	1°15'54	direct	-1145 Jan 16 j 02:36	17° \mathcal{A} 37'35	
minimum elong	-1148 Jul 27 j 20:01	23° \mathfrak{S} 03'50	1°15'46	greatest brilliancy	-1145 Jan 26 j 18:56	19° \mathcal{A} 45'36	-4.6m
	-1148 Aug 02 j 09:45	0° Ω			-1145 Feb 13 j 03:58	0° \mathfrak{C}	
	-1148 Aug 26 j 10:29	0° \mathfrak{M}		morning max el	-1145 Mar 06 j 14:53	18° \mathfrak{C} 53'02	46°14'28
evening rise	-1148 Sep 03 j 07:48	9° \mathfrak{M} 51'57			-1145 Mar 17 j 16:11	0° \approx	
	-1148 Sep 19 j 10:00	0° $\underline{\mathfrak{A}}$		desc. node	-1145 Mar 25 j 18:04	8° \approx 29'27	
desc. node	-1148 Oct 07 j 23:06	23° $\underline{\mathfrak{A}}$ 11'19			-1145 Apr 14 j 09:46	0° \mathcal{H}	
	-1148 Oct 13 j 09:59	0° \mathbb{M}			-1145 May 10 j 16:56	0° Υ	
	-1148 Nov 06 j 11:40	0° \mathcal{A}			-1145 Jun 05 j 06:27	0° \mathcal{B}	
	-1148 Nov 30 j 16:43	0° \mathfrak{C}			-1145 Jun 30 j 07:31	0° Π	
	-1148 Dec 25 j 04:41	0° \approx		asc. node	-1145 Jul 16 j 20:15	20° Π 05'50	
	-1147 Jan 19 j 06:53	0° \mathcal{H}			-1145 Jul 24 j 22:06	0° \mathfrak{S}	
asc. node	-1147 Jan 29 j 00:52	11° \mathcal{H} 20'26			-1145 Aug 18 j 03:54	0° Ω	
	-1147 Feb 14 j 14:32	0° Υ		morning set	-1145 Aug 30 j 22:37	15° Ω 57'26	
evening max el	-1147 Mar 09 j 17:08	24° Υ 03'37	45°32'47		-1145 Sep 11 j 03:28	0° \mathfrak{M}	
	-1147 Mar 15 j 23:53	0° \mathcal{B}			-1145 Oct 04 j 23:48	0° $\underline{\mathfrak{A}}$	
greatest brilliancy	-1147 Apr 12 j 20:46	20° \mathcal{B} 26'06	-4.5m	max. Earth dist.	-1145 Oct 08 j 03:13	3° $\underline{\mathfrak{A}}$ 57'28	1.71095 AU
retrograde	-1147 Apr 27 j 09:44	24° \mathcal{B} 08'01					
evening set	-1147 May 12 j 13:03	19° \mathcal{B} 43'57		superior conj	-1145 Oct 08 j 16:20	4° $\underline{\mathfrak{A}}$ 38'45	0°59'26
inferior conj	-1147 May 18 j 21:27	15° \mathcal{B} 56'32	0°24'31	minimum elong	-1145 Oct 09 j 03:13	5° $\underline{\mathfrak{A}}$ 13'03	0°59'03
minimum elong	-1147 May 18 j 22:21	15° \mathcal{B} 55'08	0°24'16		-1145 Oct 28 j 19:29	0° \mathbb{M}	
min. Earth dist.	-1147 May 19 j 05:54	15° \mathcal{B} 43'19	0.29000 AU	desc. node	-1145 Nov 05 j 11:05	9° \mathbb{M} 37'29	
desc. node	-1147 May 20 j 15:36	14° \mathcal{B} 50'49		evening rise	-1145 Nov 19 j 05:14	26° \mathbb{M} 54'59	
morning rise	-1147 May 25 j 07:17	12° \mathcal{B} 05'36			-1145 Nov 21 j 16:10	0° \mathcal{A}	
direct	-1147 Jun 09 j 14:05	7° \mathcal{B} 36'23			-1145 Dec 15 j 14:56	0° \mathfrak{C}	
greatest brilliancy	-1147 Jun 23 j 18:03	11° \mathcal{B} 04'22	-4.5m		-1144 Jan 08 j 17:04	0° \approx	
	-1147 Jul 20 j 08:07	0° Π			-1144 Feb 02 j 00:57	0° \mathcal{H}	
morning max el	-1147 Jul 28 j 17:16	7° Π 48'43	46°02'33	asc. node	-1144 Feb 26 j 12:50	29° \mathcal{H} 43'09	
	-1147 Aug 19 j 04:27	0° \mathfrak{S}			-1144 Feb 26 j 18:27	0° Υ	
asc. node	-1147 Sep 10 j 17:52	25° \mathfrak{S} 28'26			-1144 Mar 23 j 03:19	0° \mathcal{B}	
	-1147 Sep 14 j 14:50	0° Ω			-1144 Apr 18 j 14:11	0° Π	
	-1147 Oct 09 j 15:41	0° \mathfrak{M}			-1144 May 17 j 08:37	0° \mathfrak{S}	
	-1147 Nov 03 j 00:14	0° $\underline{\mathfrak{A}}$		evening max el	-1144 May 19 j 13:21	2° \mathfrak{S} 06'40	45°19'53

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 52

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1144 Jun 17 j 03:35	25° ♁ 03'56			-1142 Oct 19 j 12:50	0° ♁	
greatest brilliancy	-1144 Jun 24 j 22:01	28° ♁ 58'05	-4.5m		-1142 Nov 12 j 08:23	0° ♁	
	-1144 Jun 27 j 18:03	0° ♁		morning set	-1142 Nov 13 j 06:53	1° ♁ 10'53	
retrograde	-1144 Jul 07 j 02:50	1° ♁ 34'13		desc. node	-1142 Dec 02 j 22:59	25° ♁ 56'31	
	-1144 Jul 16 j 01:57	30° ♁			-1142 Dec 06 j 04:26	0° ♁	
evening set	-1144 Jul 23 j 22:50	26° ♁ 15'53					
inferior conj	-1144 Jul 28 j 07:39	23° ♁ 38'24	-7°-52'-38	superior conj	-1142 Dec 25 j 08:13	24° ♁ 02'47	0°-49'-35
minimum elong	-1144 Jul 27 j 23:27	23° ♁ 51'00	7°51'33	minimum elong	-1142 Dec 24 j 21:06	23° ♁ 27'58	0°49'10
min. Earth dist.	-1144 Jul 28 j 15:44	23° ♁ 26'00	0.28248 AU	max. Earth dist.	-1142 Dec 29 j 11:46	29° ♁ 14'31	1.71466 AU
morning rise	-1144 Jul 31 j 23:50	21° ♁ 24'45			-1142 Dec 30 j 02:17	0° ♁	
direct	-1144 Aug 18 j 17:21	15° ♁ 32'36			-1141 Jan 23 j 02:41	0° ♁	
greatest brilliancy	-1144 Sep 02 j 01:22	19° ♁ 13'03	-4.6m	evening rise	-1141 Feb 04 j 05:25	15° ♁ 03'59	
	-1144 Sep 18 j 10:06	0° ♁			-1141 Feb 16 j 06:32	0° ♁	
morning max el	-1144 Oct 08 j 02:37	18° ♁ 07'28	46°42'42		-1141 Mar 12 j 15:08	0° ♁	
asc. node	-1144 Oct 08 j 05:32	18° ♁ 14'51		asc. node	-1141 Mar 26 j 00:50	16° ♁ 22'55	
	-1144 Oct 19 j 10:30	0° ♁			-1141 Apr 06 j 05:51	0° ♁	
	-1144 Nov 14 j 21:35	0° ♁			-1141 May 01 j 04:23	0° ♁	
	-1144 Dec 10 j 00:26	0° ♁			-1141 May 26 j 13:37	0° ♁	
	-1143 Jan 03 j 15:47	0° ♁			-1141 Jun 21 j 16:07	0° ♁	
desc. node	-1143 Jan 27 j 20:33	29° ♁ 38'21		desc. node	-1141 Jul 15 j 15:22	26° ♁ 14'44	
	-1143 Jan 28 j 03:37	0° ♁			-1141 Jul 19 j 05:16	0° ♁	
	-1143 Feb 21 j 14:50	0° ♁		evening max el	-1141 Aug 01 j 06:17	13° ♁ 08'41	46°23'54
	-1143 Mar 18 j 02:17	0° ♁			-1141 Aug 20 j 05:05	0° ♁	
	-1143 Apr 11 j 13:58	0° ♁		greatest brilliancy	-1141 Sep 09 j 16:49	12° ♁ 20'48	-4.6m
morning set	-1143 Apr 13 j 06:35	2° ♁ 04'22		retrograde	-1141 Sep 19 j 23:01	14° ♁ 17'19	
	-1143 May 06 j 01:24	0° ♁		evening set	-1141 Oct 06 j 01:32	9° ♁ 20'25	
max. Earth dist.	-1143 May 18 j 05:11	14° ♁ 55'00	1.73662 AU	inferior conj	-1141 Oct 10 j 14:56	6° ♁ 38'47	-6°-7'-31
				minimum elong	-1141 Oct 11 j 01:38	6° ♁ 22'32	6°05'01
superior conj	-1143 May 19 j 16:21	16° ♁ 42'55	0°-3'00	min. Earth dist.	-1141 Oct 11 j 05:31	6° ♁ 16'39	0.26650 AU
minimum elong	-1143 May 19 j 16:56	16° ♁ 44'43	0°02'58	morning rise	-1141 Oct 16 j 01:17	3° ♁ 27'06	
behind sun begin	-1143 May 18 j 18:58	15° ♁ 37'17			-1141 Oct 24 j 00:43	30° ♁	
behind sun end	-1143 May 20 j 14:53	17° ♁ 52'08		direct	-1141 Oct 31 j 02:09	28° ♁ 58'14	
asc. node	-1143 May 20 j 22:40	18° ♁ 16'02		asc. node	-1141 Nov 05 j 17:24	29° ♁ 35'42	
	-1143 May 30 j 11:48	0° ♁			-1141 Nov 07 j 08:51	0° ♁	
	-1143 Jun 23 j 20:33	0° ♁		greatest brilliancy	-1141 Nov 13 j 01:54	2° ♁ 06'01	-4.7m
evening rise	-1143 Jun 24 j 10:06	0° ♁			-1141 Dec 18 j 09:47	0° ♁	
	-1143 Jul 18 j 03:53	0° ♁		morning max el	-1141 Dec 20 j 18:33	2° ♁ 23'04	46°52'08
	-1143 Aug 11 j 10:58	0° ♁			-1140 Jan 15 j 09:25	0° ♁	
	-1143 Sep 04 j 19:28	0° ♁			-1140 Feb 10 j 12:09	0° ♁	
desc. node	-1143 Sep 09 j 13:12	5° ♁ 49'12		desc. node	-1140 Feb 25 j 08:25	17° ♁ 26'37	
	-1143 Sep 29 j 07:13	0° ♁			-1140 Mar 06 j 22:46	0° ♁	
	-1143 Oct 24 j 00:52	0° ♁			-1140 Apr 01 j 01:49	0° ♁	
	-1143 Nov 18 j 06:51	0° ♁			-1140 Apr 26 j 00:11	0° ♁	
	-1143 Dec 14 j 19:10	0° ♁			-1140 May 20 j 18:25	0° ♁	
evening max el	-1143 Dec 26 j 10:17	12° ♁ 13'45	46°50'05		-1140 Jun 14 j 08:03	0° ♁	
asc. node	-1143 Dec 31 j 15:04	17° ♁ 24'31		asc. node	-1140 Jun 17 j 10:29	3° ♁ 48'16	
	-1142 Jan 14 j 12:55	0° ♁		morning set	-1140 Jun 19 j 11:06	6° ♁ 17'32	
greatest brilliancy	-1142 Jan 31 j 11:18	11° ♁ 25'26	-4.6m		-1140 Jul 08 j 16:39	0° ♁	
retrograde	-1142 Feb 14 j 21:08	15° ♁ 11'20		max. Earth dist.	-1140 Jul 21 j 19:34	16° ♁ 15'46	1.72595 AU
evening set	-1142 Mar 04 j 13:56	9° ♁ 06'34					
inferior conj	-1142 Mar 08 j 03:41	6° ♁ 51'24	8°02'00	superior conj	-1140 Jul 25 j 20:32	21° ♁ 17'04	1°14'26
minimum elong	-1142 Mar 08 j 09:29	6° ♁ 42'09	8°01'27	minimum elong	-1140 Jul 25 j 13:03	20° ♁ 53'49	1°14'16
min. Earth dist.	-1142 Mar 07 j 22:31	6° ♁ 59'39	0.28778 AU		-1140 Aug 01 j 20:37	0° ♁	
morning rise	-1142 Mar 12 j 05:17	4° ♁ 18'50			-1140 Aug 25 j 21:28	0° ♁	
	-1142 Mar 21 j 03:48	30° ♁		evening rise	-1140 Aug 31 j 22:26	7° ♁ 33'12	
direct	-1142 Mar 29 j 11:58	28° ♁ 36'39			-1140 Sep 18 j 21:10	0° ♁	
	-1142 Apr 07 j 04:23	0° ♁		desc. node	-1140 Oct 07 j 01:16	22° ♁ 42'47	
greatest brilliancy	-1142 Apr 10 j 06:43	1° ♁ 06'03	-4.5m		-1140 Oct 12 j 21:22	0° ♁	
desc. node	-1142 Apr 22 j 05:50	7° ♁ 37'31			-1140 Nov 05 j 23:19	0° ♁	
morning max el	-1142 May 17 j 06:42	28° ♁ 28'00	45°46'25		-1140 Nov 30 j 04:45	0° ♁	
	-1142 May 18 j 21:04	0° ♁			-1140 Dec 24 j 17:20	0° ♁	
	-1142 Jun 16 j 18:59	0° ♁			-1139 Jan 18 j 20:41	0° ♁	
	-1142 Jul 13 j 08:59	0° ♁		asc. node	-1139 Jan 28 j 02:52	10° ♁ 44'35	
	-1142 Aug 07 j 19:02	0° ♁			-1139 Feb 14 j 06:57	0° ♁	
asc. node	-1142 Aug 13 j 08:04	6° ♁ 40'38		evening max el	-1139 Mar 07 j 08:39	21° ♁ 51'40	45°34'49
	-1142 Sep 01 j 10:58	0° ♁			-1139 Mar 16 j 01:22	0° ♁	
	-1142 Sep 25 j 15:07	0° ♁		greatest brilliancy	-1139 Apr 10 j 11:19	18° ♁ 15'44	-4.5m

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 53

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

retrograde	-1139 Apr 25 j 02:50	22°♄00'19		superior conj	-1137 Oct 06 j 04:14	2°♁10'44	1°02'05
evening set	-1139 May 10 j 06:33	17°♄34'19		minimum elong	-1137 Oct 06 j 15:01	2°♁44'43	1°01'42
inferior conj	-1139 May 16 j 13:55	13°♄48'05	0°44'04		-1137 Oct 28 j 06:26	0°♄	
minimum elong	-1139 May 16 j 15:31	13°♄45'34	0°43'36	desc. node	-1137 Nov 04 j 13:14	9°♄09'45	
min. Earth dist.	-1139 May 16 j 22:14	13°♄35'04	0.29015 AU	evening rise	-1137 Nov 16 j 14:41	24°♄19'21	
desc. node	-1139 May 19 j 17:44	11°♄50'44			-1137 Nov 21 j 03:11	0°♄	
morning rise	-1139 May 23 j 00:13	9°♄56'44			-1137 Dec 15 j 02:01	0°♄	
direct	-1139 Jun 07 j 06:46	5°♄27'37			-1136 Jan 08 j 04:15	0°♄	
greatest brilliancy	-1139 Jun 21 j 10:22	8°♄55'47	-4.5m		-1136 Feb 01 j 12:24	0°♄	
	-1139 Jul 20 j 09:42	0°♄		asc. node	-1136 Feb 25 j 14:55	29°♄13'32	
morning max el	-1139 Jul 26 j 10:10	5°♄40'06	46°01'25		-1136 Feb 26 j 06:25	0°♄	
	-1139 Aug 18 j 20:57	0°♄			-1136 Mar 22 j 16:22	0°♄	
asc. node	-1139 Sep 09 j 19:55	24°♄53'23			-1136 Apr 18 j 05:37	0°♄	
	-1139 Sep 14 j 04:36	0°♄		evening max el	-1136 May 17 j 04:20	29°♄54'01	45°18'50
	-1139 Oct 09 j 04:14	0°♄			-1136 May 17 j 06:51	0°♄	
	-1139 Nov 02 j 12:10	0°♄		desc. node	-1136 Jun 16 j 05:35	23°♄41'09	
	-1139 Nov 26 j 13:28	0°♄		greatest brilliancy	-1136 Jun 22 j 11:09	26°♄42'59	-4.5m
	-1139 Dec 20 j 13:21	0°♄		retrograde	-1136 Jul 04 j 16:40	29°♄20'05	
desc. node	-1139 Dec 30 j 10:45	12°♄21'10		evening set	-1136 Jul 21 j 09:59	24°♄06'48	
	-1138 Jan 13 j 14:19	0°♄		inferior conj	-1136 Jul 25 j 22:28	21°♄23'53	-7°-42'-36
morning set	-1138 Jan 29 j 12:58	19°♄50'21		minimum elong	-1136 Jul 25 j 13:49	21°♄37'13	7°41'24
	-1138 Feb 06 j 17:16	0°♄		min. Earth dist.	-1136 Jul 26 j 06:21	21°♄11'45	0.28289 AU
	-1138 Mar 02 j 22:30	0°♄		morning rise	-1136 Jul 29 j 17:22	19°♄05'52	
				direct	-1136 Aug 16 j 08:26	13°♄17'24	
superior conj	-1138 Mar 09 j 21:24	8°♄35'34	-1°-19'-31	greatest brilliancy	-1136 Aug 30 j 16:23	16°♄56'41	-4.6m
minimum elong	-1138 Mar 10 j 03:56	8°♄55'42	1°19'26		-1136 Sep 18 j 19:49	0°♄	
max. Earth dist.	-1138 Mar 12 j 12:29	11°♄50'16	1.73036 AU	morning max el	-1136 Oct 05 j 15:53	15°♄44'03	46°41'27
	-1138 Mar 27 j 06:11	0°♄		asc. node	-1136 Oct 07 j 07:45	17°♄25'19	
evening rise	-1138 Apr 16 j 12:54	24°♄55'19			-1136 Oct 19 j 04:56	0°♄	
	-1138 Apr 20 j 16:18	0°♄			-1136 Nov 14 j 12:22	0°♄	
asc. node	-1138 Apr 22 j 12:50	2°♄16'28			-1136 Dec 09 j 13:37	0°♄	
	-1138 May 15 j 04:43	0°♄			-1135 Jan 03 j 04:04	0°♄	
	-1138 Jun 08 j 19:33	0°♄		desc. node	-1135 Jan 26 j 22:36	29°♄08'51	
	-1138 Jul 03 j 13:46	0°♄			-1135 Jan 27 j 15:16	0°♄	
	-1138 Jul 28 j 13:41	0°♄			-1135 Feb 21 j 02:02	0°♄	
desc. node	-1138 Aug 12 j 03:14	17°♄16'45			-1135 Mar 17 j 13:10	0°♄	
	-1138 Aug 22 j 23:29	0°♄		morning set	-1135 Apr 11 j 00:21	29°♄59'06	
	-1138 Sep 18 j 04:08	0°♄			-1135 Apr 11 j 00:39	0°♄	
evening max el	-1138 Oct 13 j 13:54	27°♄15'09	47°26'28		-1135 May 05 j 11:59	0°♄	
	-1138 Oct 16 j 07:39	0°♄		max. Earth dist.	-1135 May 16 j 01:15	12°♄56'53	1.73672 AU
greatest brilliancy	-1138 Nov 20 j 22:11	27°♄54'51	-4.7m				
	-1138 Nov 26 j 18:07	0°♄		superior conj	-1135 May 17 j 11:02	14°♄40'31	0°-6'-5
asc. node	-1138 Dec 03 j 05:11	0°♄54'56		minimum elong	-1135 May 17 j 12:15	14°♄44'16	0°06'01
retrograde	-1138 Dec 03 j 13:25	0°♄55'04		behind sun begin	-1135 May 16 j 15:27	13°♄40'25	
	-1138 Dec 10 j 03:41	30°♄		behind sun end	-1135 May 18 j 09:03	15°♄48'06	
evening set	-1138 Dec 18 j 11:45	26°♄24'09		asc. node	-1135 May 20 j 00:42	17°♄49'50	
min. Earth dist.	-1138 Dec 23 j 05:21	23°♄34'43	0.26899 AU		-1135 May 29 j 22:23	0°♄	
inferior conj	-1138 Dec 24 j 05:33	22°♄57'11	5°02'23	evening rise	-1135 Jun 22 j 05:12	28°♄39'47	
minimum elong	-1138 Dec 23 j 20:13	23°♄11'39	4°59'58		-1135 Jun 23 j 07:14	0°♄	
morning rise	-1138 Dec 29 j 05:26	19°♄57'19			-1135 Jul 17 j 14:46	0°♄	
direct	-1137 Jan 13 j 16:00	15°♄13'51			-1135 Aug 10 j 22:11	0°♄	
greatest brilliancy	-1137 Jan 24 j 07:20	17°♄21'25	-4.6m		-1135 Sep 04 j 07:11	0°♄	
	-1137 Feb 13 j 18:06	0°♄		desc. node	-1135 Sep 08 j 15:21	5°♄19'38	
morning max el	-1137 Mar 04 j 05:21	16°♄35'30	46°15'46		-1135 Sep 28 j 19:35	0°♄	
	-1137 Mar 17 j 11:18	0°♄			-1135 Oct 23 j 14:09	0°♄	
desc. node	-1137 Mar 24 j 20:14	7°♄48'32			-1135 Nov 17 j 21:42	0°♄	
	-1137 Apr 14 j 00:32	0°♄			-1135 Dec 14 j 13:40	0°♄	
	-1137 May 10 j 05:47	0°♄		evening max el	-1135 Dec 24 j 00:28	9°♄53'21	46°52'45
	-1137 Jun 04 j 18:17	0°♄		asc. node	-1135 Dec 30 j 17:07	16°♄31'46	
	-1137 Jun 29 j 18:47	0°♄			-1134 Jan 14 j 23:42	0°♄	
asc. node	-1137 Jul 15 j 22:14	19°♄38'05		greatest brilliancy	-1134 Jan 29 j 05:18	9°♄15'00	-4.6m
	-1137 Jul 24 j 09:05	0°♄		retrograde	-1134 Feb 12 j 13:15	12°♄59'42	
	-1137 Aug 17 j 14:46	0°♄		evening set	-1134 Mar 02 j 07:59	6°♄52'35	
morning set	-1137 Aug 28 j 13:26	13°♄39'42		inferior conj	-1134 Mar 05 j 20:02	4°♄40'05	8°08'22
	-1137 Sep 10 j 14:20	0°♄		minimum elong	-1134 Mar 06 j 01:14	4°♄31'48	8°07'56
	-1137 Oct 04 j 10:42	0°♄		min. Earth dist.	-1134 Mar 05 j 14:07	4°♄49'32	0.28737 AU
max. Earth dist.	-1137 Oct 05 j 07:41	1°♄06'03	1.71118 AU	morning rise	-1134 Mar 09 j 18:42	2°♄11'48	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1134 Mar 13 j 16:30	30° \approx	evening rise	-1132 Aug 29 j 13:13	5° \approx 15'01	
direct	-1134 Mar 27 j 03:07	26° \approx 25'59		-1132 Sep 18 j 08:19	0° \approx	
greatest brilliancy	-1134 Apr 07 j 20:50	28° \approx 53'52	-4.5m	desc. node	-1132 Oct 06 j 03:21	22° \approx 13'57
	-1134 Apr 10 j 09:53	0° \approx			-1132 Oct 12 j 08:45	0° \approx
desc. node	-1134 Apr 21 j 07:57	6° \approx 25'47			-1132 Nov 05 j 11:00	0° \approx
morning max el	-1134 May 14 j 21:32	26° \approx 15'54	45°46'41		-1132 Nov 29 j 16:50	0° \approx
	-1134 May 18 j 18:17	0° \approx			-1132 Dec 24 j 06:04	0° \approx
	-1134 Jun 16 j 10:12	0° \approx			-1131 Jan 18 j 10:37	0° \approx
	-1134 Jul 12 j 22:02	0° \approx		asc. node	-1131 Jan 27 j 05:00	10° \approx 08'43
	-1134 Aug 07 j 07:02	0° \approx			-1131 Feb 13 j 23:43	0° \approx
asc. node	-1134 Aug 12 j 10:12	6° \approx 11'14		evening max el	-1131 Mar 05 j 01:10	19° \approx 42'03 45°36'55
	-1134 Aug 31 j 22:26	0° \approx			-1131 Mar 16 j 04:19	0° \approx
	-1134 Sep 25 j 02:19	0° \approx		greatest brilliancy	-1131 Apr 08 j 03:12	16° \approx 07'13 -4.5m
	-1134 Oct 18 j 23:56	0° \approx		retrograde	-1131 Apr 22 j 20:00	19° \approx 52'47
morning set	-1134 Nov 10 j 17:04	28° \approx 36'54		evening set	-1131 May 08 j 00:22	15° \approx 25'02
	-1134 Nov 11 j 19:26	0° \approx		inferior conj	-1131 May 14 j 06:30	11° \approx 40'01 1°03'23
desc. node	-1134 Dec 02 j 00:55	25° \approx 28'00		minimum elong	-1131 May 14 j 08:48	11° \approx 36'25 1°02'43
	-1134 Dec 05 j 15:28	0° \approx		min. Earth dist.	-1131 May 14 j 14:33	11° \approx 27'26 0.29024 AU
				desc. node	-1131 May 18 j 19:41	8° \approx 52'51
superior conj	-1134 Dec 22 j 17:46	21° \approx 27'57	0°-46'-17	morning rise	-1131 May 20 j 17:06	7° \approx 48'22
minimum elong	-1134 Dec 22 j 07:03	20° \approx 54'19	0°45'53	direct	-1131 Jun 04 j 23:48	3° \approx 19'30
max. Earth dist.	-1134 Dec 26 j 15:47	26° \approx 22'29	1.71419 AU	greatest brilliancy	-1131 Jun 19 j 01:24	6° \approx 46'01 -4.5m
	-1134 Dec 29 j 13:16	0° \approx			-1131 Jul 20 j 09:55	0° \approx
	-1133 Jan 22 j 13:36	0° \approx		morning max el	-1131 Jul 24 j 02:55	3° \approx 31'28 46°00'10
evening rise	-1133 Feb 01 j 17:37	12° \approx 38'52			-1131 Aug 18 j 13:08	0° \approx
	-1133 Feb 15 j 17:28	0° \approx		asc. node	-1131 Sep 08 j 22:06	24° \approx 18'51
	-1133 Mar 12 j 02:08	0° \approx			-1131 Sep 13 j 18:19	0° \approx
asc. node	-1133 Mar 25 j 03:01	15° \approx 55'45			-1131 Oct 08 j 16:52	0° \approx
	-1133 Apr 05 j 17:08	0° \approx			-1131 Nov 02 j 00:14	0° \approx
	-1133 Apr 30 j 16:12	0° \approx			-1131 Nov 26 j 01:11	0° \approx
	-1133 May 26 j 02:29	0° \approx			-1131 Dec 20 j 00:49	0° \approx
	-1133 Jun 21 j 07:01	0° \approx		desc. node	-1131 Dec 29 j 12:51	11° \approx 52'11
desc. node	-1133 Jul 14 j 17:25	25° \approx 31'05			-1130 Jan 13 j 01:35	0° \approx
	-1133 Jul 19 j 00:50	0° \approx		morning set	-1130 Jan 27 j 00:27	17° \approx 22'08
evening max el	-1133 Jul 29 j 18:45	10° \approx 45'20	46°21'02		-1130 Feb 06 j 04:23	0° \approx
	-1133 Aug 20 j 21:20	0° \approx			-1130 Mar 02 j 09:30	0° \approx
greatest brilliancy	-1133 Sep 07 j 04:35	9° \approx 53'31	-4.6m			
retrograde	-1133 Sep 17 j 11:10	11° \approx 50'22		superior conj	-1130 Mar 07 j 12:23	6° \approx 19'40 -1°-20'-40
evening set	-1133 Oct 03 j 16:58	6° \approx 48'11		minimum elong	-1130 Mar 07 j 18:19	6° \approx 38'02 1°20'37
inferior conj	-1133 Oct 08 j 03:10	4° \approx 11'18	-6°-24'-29	max. Earth dist.	-1130 Mar 10 j 07:38	9° \approx 47'20 1.72990 AU
minimum elong	-1133 Oct 08 j 13:56	3° \approx 54'59	6°22'06		-1130 Mar 26 j 17:07	0° \approx
min. Earth dist.	-1133 Oct 08 j 18:32	3° \approx 48'02	0.26702 AU	evening rise	-1130 Apr 14 j 06:19	22° \approx 47'55
morning rise	-1133 Oct 13 j 10:28	1° \approx 04'07			-1130 Apr 20 j 03:16	0° \approx
	-1133 Oct 15 j 10:58	30° \approx		asc. node	-1130 Apr 21 j 14:51	1° \approx 49'02
direct	-1133 Oct 28 j 15:02	26° \approx 29'45			-1130 May 14 j 15:50	0° \approx
asc. node	-1133 Nov 04 j 19:23	27° \approx 30'07			-1130 Jun 08 j 07:00	0° \approx
greatest brilliancy	-1133 Nov 10 j 17:26	29° \approx 40'56	-4.7m		-1130 Jul 03 j 01:47	0° \approx
	-1133 Nov 11 j 09:45	0° \approx			-1130 Jul 28 j 02:34	0° \approx
	-1133 Dec 18 j 09:12	0° \approx		desc. node	-1130 Aug 11 j 05:25	16° \approx 42'58
morning max el	-1133 Dec 18 j 08:49	29° \approx 59'00	46°52'46		-1130 Aug 22 j 13:51	0° \approx
	-1133 Jan 15 j 02:04	0° \approx			-1130 Sep 17 j 21:21	0° \approx
	-1133 Feb 10 j 02:13	0° \approx		evening max el	-1130 Oct 11 j 05:13	24° \approx 53'50 47°25'33
desc. node	-1133 Feb 24 j 10:32	16° \approx 53'49			-1130 Oct 16 j 08:33	0° \approx
	-1133 Mar 06 j 11:28	0° \approx		greatest brilliancy	-1130 Nov 18 j 14:15	25° \approx 29'59 -4.7m
	-1133 Mar 31 j 13:41	0° \approx		retrograde	-1130 Dec 01 j 03:17	28° \approx 26'52
	-1133 Apr 25 j 11:29	0° \approx		asc. node	-1130 Dec 02 j 07:18	28° \approx 25'10
	-1133 May 20 j 05:21	0° \approx		evening set	-1130 Dec 15 j 22:45	24° \approx 00'13
	-1133 Jun 13 j 18:48	0° \approx		min. Earth dist.	-1130 Dec 20 j 18:59	21° \approx 06'58 0.26836 AU
asc. node	-1133 Jun 16 j 12:30	3° \approx 21'31		inferior conj	-1130 Dec 21 j 18:37	20° \approx 30'17 4°43'13
morning set	-1133 Jun 17 j 05:36	4° \approx 14'00		minimum elong	-1130 Dec 21 j 09:37	20° \approx 44'15 4°40'48
	-1133 Jul 08 j 03:22	0° \approx		morning rise	-1130 Dec 26 j 21:16	17° \approx 26'39
max. Earth dist.	-1133 Jul 19 j 15:14	14° \approx 14'26	1.72652 AU	direct	-1129 Jan 11 j 04:59	12° \approx 48'17
				greatest brilliancy	-1129 Jan 21 j 19:48	14° \approx 55'28 -4.6m
superior conj	-1133 Jul 23 j 14:10	19° \approx 09'15	1°12'51		-1129 Feb 14 j 05:12	0° \approx
minimum elong	-1133 Jul 23 j 06:22	18° \approx 45'01	1°12'41	morning max el	-1129 Mar 01 j 18:41	14° \approx 13'52 46°17'07
	-1133 Aug 01 j 07:25	0° \approx			-1129 Mar 17 j 06:16	0° \approx
	-1133 Aug 25 j 08:25	0° \approx		desc. node	-1129 Mar 23 j 22:23	7° \approx 07'04

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 55

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1129 Apr 13 j 15:25	0° H				-1127 Nov 17 j 13:02	0° Z		
	-1129 May 09 j 18:51	0° Y				-1127 Dec 14 j 09:04	0° \approx		
	-1129 Jun 04 j 06:22	0° B		evening max el		-1127 Dec 21 j 14:29	7° \approx 31'14	46°55'10	
	-1129 Jun 29 j 06:20	0° II		asc. node		-1127 Dec 29 j 19:17	15° \approx 36'52		
asc. node	-1129 Jul 15 j 00:26	19° II 10'12				-1126 Jan 15 j 15:08	0° H		
	-1129 Jul 23 j 20:19	0° S		greatest brilliancy		-1126 Jan 26 j 22:04	7° H 00'51	-4.6m	
	-1129 Aug 17 j 01:53	0° Q		retrograde		-1126 Feb 10 j 05:23	10° H 45'46		
morning set	-1129 Aug 26 j 04:44	11° Q 22'52		evening set		-1126 Feb 28 j 01:29	4° H 36'22		
	-1129 Sep 10 j 01:25	0° P		min. Earth dist.		-1126 Mar 03 j 05:22	2° H 37'01	0.28700 AU	
max. Earth dist.	-1129 Oct 02 j 12:13	28° P 14'12	1.71151 AU	inferior conj		-1126 Mar 03 j 12:07	2° H 26'15	8°14'02	
				minimum elong		-1126 Mar 07 j 16:39	2° H 19'01	8°13'43	
superior conj	-1129 Oct 03 j 16:36	29° P 43'30	1°04'33	morning rise		-1126 Mar 07 j 08:01	0° H 02'14		
minimum elong	-1129 Oct 04 j 03:12	0° A 16'54	1°04'13			-1126 Mar 07 j 09:30	30° R \approx		
	-1129 Oct 03 j 21:50	0° A		direct		-1126 Mar 24 j 17:56	24° \approx 12'40		
	-1129 Oct 27 j 17:41	0° M		greatest brilliancy		-1126 Apr 05 j 11:19	26° \approx 40'02	-4.5m	
desc. node	-1129 Nov 03 j 15:12	8° M 40'30				-1126 Apr 12 j 07:52	0° H		
evening rise	-1129 Nov 14 j 00:03	21° M 42'22		desc. node		-1126 Apr 20 j 09:55	5° H 13'55		
	-1129 Nov 20 j 14:34	0° J		morning max el		-1126 May 12 j 12:59	24° H 03'36	45°47'05	
	-1129 Dec 14 j 13:30	0° Z				-1126 May 18 j 15:25	0° Y		
	-1128 Jan 07 j 15:53	0° \approx				-1126 Jun 16 j 01:41	0° B		
	-1128 Feb 01 j 00:17	0° H				-1126 Jul 12 j 11:24	0° II		
asc. node	-1128 Feb 24 j 17:05	28° H 42'46				-1126 Aug 06 j 19:22	0° S		
	-1128 Feb 25 j 18:53	0° Y		asc. node		-1126 Aug 11 j 12:16	5° S 40'33		
	-1128 Mar 22 j 06:00	0° B				-1126 Aug 31 j 10:15	0° Q		
	-1128 Apr 17 j 21:47	0° II				-1126 Sep 24 j 13:51	0° P		
evening max el	-1128 May 14 j 18:39	27° II 38'33	45°17'56			-1126 Oct 18 j 11:20	0° A		
	-1128 May 17 j 06:36	0° S		morning set		-1126 Nov 08 j 03:50	26° A 03'55		
desc. node	-1128 Jun 15 j 07:44	22° S 14'42				-1126 Nov 11 j 06:45	0° M		
greatest brilliancy	-1128 Jun 19 j 23:48	24° S 26'20	-4.5m	desc. node		-1126 Dec 01 j 03:05	24° M 59'23		
retrograde	-1128 Jul 02 j 06:36	27° S 05'24				-1126 Dec 05 j 02:43	0° J		
evening set	-1128 Jul 18 j 21:12	21° S 56'52							
inferior conj	-1128 Jul 23 j 13:23	19° S 08'46	-7°-31'-56	superior conj		-1126 Dec 20 j 03:35	18° J 53'03	0°-42'-55	
minimum elong	-1128 Jul 23 j 04:18	19° S 22'45	7°30'34	minimum elong		-1126 Dec 19 j 17:20	18° J 20'53	0°42'31	
min. Earth dist.	-1128 Jul 23 j 21:18	18° S 56'35	0.28327 AU	max. Earth dist.		-1126 Dec 23 j 21:32	23° J 35'01	1.71379 AU	
morning rise	-1128 Jul 27 j 11:04	16° S 46'29				-1126 Dec 29 j 00:28	0° Z		
direct	-1128 Aug 13 j 23:15	11° S 01'30				-1125 Jan 22 j 00:48	0° \approx		
greatest brilliancy	-1128 Aug 28 j 08:12	14° S 40'51	-4.6m	evening rise		-1125 Jan 30 j 05:51	10° \approx 12'58		
	-1128 Sep 19 j 03:11	0° Q				-1125 Feb 15 j 04:43	0° H		
morning max el	-1128 Oct 03 j 05:10	13° Q 20'05	46°40'20			-1125 Mar 11 j 13:32	0° Y		
asc. node	-1128 Oct 06 j 09:45	16° Q 35'25		asc. node		-1125 Mar 24 j 04:59	15° Y 26'42		
	-1128 Oct 18 j 23:12	0° P				-1125 Apr 05 j 04:48	0° B		
	-1128 Nov 14 j 03:15	0° A				-1125 Apr 30 j 04:28	0° II		
	-1128 Dec 09 j 03:03	0° M				-1125 May 25 j 15:51	0° S		
	-1127 Jan 02 j 16:41	0° J				-1125 Jun 20 j 22:32	0° Q		
desc. node	-1127 Jan 26 j 00:46	28° J 38'23		desc. node		-1125 Jul 13 j 19:35	24° Q 46'00		
	-1127 Jan 27 j 03:21	0° Z				-1125 Jul 18 j 21:29	0° P		
	-1127 Feb 20 j 13:42	0° \approx		evening max el		-1125 Jul 27 j 08:06	8° P 23'18	46°18'13	
	-1127 Mar 17 j 00:30	0° H				-1125 Aug 21 j 19:44	0° A		
morning set	-1127 Apr 08 j 17:36	27° H 50'48		greatest brilliancy		-1125 Sep 04 j 15:41	7° A 24'50	-4.6m	
	-1127 Apr 10 j 11:46	0° Y		retrograde		-1125 Sep 14 j 23:40	9° A 22'27		
	-1127 May 04 j 23:00	0° B		evening set		-1125 Oct 01 j 08:26	4° A 15'08		
max. Earth dist.	-1127 May 13 j 21:18	10° B 57'25	1.73680 AU	inferior conj		-1125 Oct 05 j 15:20	1° A 42'54	-6°-40'-48	
				minimum elong		-1125 Oct 06 j 02:05	1° A 26'38	6°38'32	
superior conj	-1127 May 15 j 05:27	12° B 36'04	0°-9'-10	min. Earth dist.		-1125 Oct 06 j 07:08	1° A 19'01	0.26750 AU	
minimum elong	-1127 May 15 j 07:18	12° B 41'43	0°09'06			-1125 Oct 08 j 11:55	30° R P		
behind sun begin	-1127 May 14 j 12:50	11° B 45'03		morning rise		-1125 Oct 10 j 19:22	28° P 40'30		
behind sun end	-1127 May 16 j 01:45	13° B 38'22		direct		-1125 Oct 26 j 04:19	24° P 00'35		
asc. node	-1127 May 19 j 02:44	17° B 22'20		asc. node		-1125 Nov 03 j 21:28	25° P 28'46		
	-1127 May 29 j 09:24	0° II		greatest brilliancy		-1125 Nov 08 j 07:52	27° P 13'46	-4.7m	
evening rise	-1127 Jun 20 j 00:17	26° II 36'31				-1125 Nov 13 j 13:24	0° A		
	-1127 Jun 22 j 18:21	0° S		morning max el		-1125 Dec 15 j 23:35	27° A 35'44	46°53'29	
	-1127 Jul 17 j 02:06	0° Q				-1125 Dec 18 j 07:51	0° M		
	-1127 Aug 10 j 09:50	0° P				-1124 Jan 14 j 18:33	0° J		
	-1127 Sep 03 j 19:16	0° A				-1124 Feb 09 j 16:15	0° Z		
desc. node	-1127 Sep 07 j 17:27	4° A 48'46		desc. node		-1124 Feb 23 j 12:37	16° Z 20'43		
	-1127 Sep 28 j 08:17	0° M				-1124 Mar 06 j 00:14	0° \approx		
	-1127 Oct 23 j 03:47	0° J				-1124 Mar 31 j 01:41	0° H		

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1124 Apr 24 j 23:00	0°♿	asc. node	-1122 Dec 01 j 09:30	25°♿49'35	
	-1124 May 19 j 16:33	0°♿	evening set	-1122 Dec 13 j 09:55	21°♿36'05	
	-1124 Jun 13 j 05:49	0°♿	min. Earth dist.	-1122 Dec 18 j 09:03	18°♿38'46	0.26774 AU
morning set	-1124 Jun 14 j 23:54	2°♿09'06	inferior conj	-1122 Dec 19 j 07:40	18°♿03'40	4°23'24
asc. node	-1124 Jun 15 j 14:42	2°♿54'31	minimum elong	-1122 Dec 18 j 23:05	18°♿17'00	4°21'01
	-1124 Jul 07 j 14:19	0°♿	morning rise	-1122 Dec 24 j 12:59	14°♿56'12	
max. Earth dist.	-1124 Jul 17 j 09:14	12°♿07'21	direct	-1121 Jan 08 j 17:28	10°♿22'47	
		1.72705 AU	greatest brilliancy	-1121 Jan 19 j 09:17	12°♿30'36	-4.6m
superior conj	-1124 Jul 21 j 07:38	17°♿00'18		-1121 Feb 14 j 13:14	0°♿	
minimum elong	-1124 Jul 20 j 23:35	16°♿35'16	morning max el	-1121 Feb 27 j 07:22	11°♿50'53	46°18'41
	-1124 Jul 31 j 18:25	0°♿		-1121 Mar 17 j 00:32	0°♿	
	-1124 Aug 24 j 19:35	0°♿	desc. node	-1121 Mar 23 j 00:19	6°♿26'09	
evening rise	-1124 Aug 27 j 03:59	2°♿56'11		-1121 Apr 13 j 05:52	0°♿	
	-1124 Sep 17 j 19:41	0°♿		-1121 May 09 j 07:33	0°♿	
desc. node	-1124 Oct 05 j 05:20	21°♿44'08		-1121 Jun 03 j 18:10	0°♿	
	-1124 Oct 11 j 20:21	0°♿		-1121 Jun 28 j 17:38	0°♿	
	-1124 Nov 04 j 22:52	0°♿	asc. node	-1121 Jul 14 j 02:31	18°♿42'31	
	-1124 Nov 29 j 05:04	0°♿		-1121 Jul 23 j 07:23	0°♿	
	-1124 Dec 23 j 18:55	0°♿		-1121 Aug 16 j 12:50	0°♿	
asc. node	-1123 Jan 18 j 00:42	0°♿	morning set	-1121 Aug 23 j 19:55	9°♿06'07	
	-1123 Jan 26 j 07:09	9°♿32'36		-1121 Sep 09 j 12:21	0°♿	
	-1123 Feb 13 j 16:48	0°♿	max. Earth dist.	-1121 Sep 29 j 17:27	25°♿25'01	1.71185 AU
evening max el	-1123 Mar 02 j 17:53	17°♿32'46				
	-1123 Mar 16 j 09:02	0°♿	superior conj	-1121 Oct 01 j 04:55	27°♿16'37	1°06'54
greatest brilliancy	-1123 Apr 05 j 19:57	13°♿59'39	minimum elong	-1121 Oct 01 j 15:17	27°♿49'14	1°06'35
retrograde	-1123 Apr 20 j 12:46	17°♿44'53		-1121 Oct 03 j 08:50	0°♿	
evening set	-1123 May 05 j 18:22	13°♿15'26		-1121 Oct 27 j 04:46	0°♿	
inferior conj	-1123 May 11 j 23:08	9°♿31'43	desc. node	-1121 Nov 02 j 17:21	8°♿12'23	
minimum elong	-1123 May 12 j 02:06	9°♿27'03	evening rise	-1121 Nov 11 j 09:21	19°♿05'51	
min. Earth dist.	-1123 May 12 j 07:02	9°♿19'20		-1121 Nov 20 j 01:45	0°♿	
desc. node	-1123 May 17 j 21:51	5°♿56'15		-1121 Dec 14 j 00:47	0°♿	
morning rise	-1123 May 18 j 09:48	5°♿39'44		-1120 Jan 07 j 03:19	0°♿	
direct	-1123 Jun 02 j 16:55	1°♿11'12		-1120 Jan 31 j 12:00	0°♿	
greatest brilliancy	-1123 Jun 16 j 15:38	4°♿34'46	asc. node	-1120 Feb 23 j 19:04	28°♿12'07	
	-1123 Jul 20 j 09:17	0°♿		-1120 Feb 25 j 07:08	0°♿	
morning max el	-1123 Jul 21 j 19:06	1°♿21'04		-1120 Mar 21 j 19:24	0°♿	
	-1123 Aug 18 j 05:13	0°♿		-1120 Apr 17 j 13:49	0°♿	
asc. node	-1123 Sep 08 j 00:08	23°♿43'44	evening max el	-1120 May 12 j 08:49	25°♿24'09	45°17'11
	-1123 Sep 13 j 08:01	0°♿		-1120 May 17 j 06:54	0°♿	
	-1123 Oct 08 j 05:30	0°♿	desc. node	-1120 Jun 14 j 09:49	20°♿46'38	
	-1123 Nov 01 j 12:18	0°♿	greatest brilliancy	-1120 Jun 17 j 11:10	22°♿09'47	-4.5m
	-1123 Nov 25 j 12:54	0°♿	retrograde	-1120 Jun 29 j 21:02	24°♿52'34	
	-1123 Dec 19 j 12:17	0°♿	evening set	-1120 Jul 16 j 08:37	19°♿48'12	
desc. node	-1123 Dec 28 j 14:59	11°♿23'17	inferior conj	-1120 Jul 21 j 04:27	16°♿55'08	-7°-20'-37
	-1122 Jan 12 j 12:51	0°♿	minimum elong	-1120 Jul 20 j 19:01	17°♿09'38	7°19'06
morning set	-1122 Jan 24 j 12:08	14°♿54'31	min. Earth dist.	-1120 Jul 21 j 12:15	16°♿43'09	0.28371 AU
	-1122 Feb 05 j 15:28	0°♿	morning rise	-1120 Jul 25 j 05:03	14°♿28'35	
	-1122 Mar 01 j 20:26	0°♿	direct	-1120 Aug 11 j 14:19	8°♿46'53	
			greatest brilliancy	-1120 Aug 26 j 01:27	12°♿28'05	-4.6m
superior conj	-1122 Mar 05 j 03:36	4°♿04'42		-1120 Sep 19 j 08:04	0°♿	
minimum elong	-1122 Mar 05 j 08:54	4°♿21'06	morning max el	-1120 Sep 30 j 19:27	10°♿59'25	46°39'06
max. Earth dist.	-1122 Mar 08 j 04:09	7°♿48'52	asc. node	-1120 Oct 05 j 11:50	15°♿47'04	
	-1122 Mar 26 j 03:58	0°♿		-1120 Oct 18 j 16:50	0°♿	
evening rise	-1122 Apr 11 j 23:56	20°♿41'20		-1120 Nov 13 j 17:45	0°♿	
	-1122 Apr 19 j 14:09	0°♿		-1120 Dec 08 j 16:09	0°♿	
asc. node	-1122 Apr 20 j 16:58	1°♿22'09		-1119 Jan 02 j 04:58	0°♿	
	-1122 May 14 j 02:55	0°♿	desc. node	-1119 Jan 25 j 02:48	28°♿08'34	
	-1122 Jun 07 j 18:27	0°♿		-1119 Jan 26 j 15:04	0°♿	
	-1122 Jul 02 j 13:49	0°♿		-1119 Feb 20 j 01:00	0°♿	
	-1122 Jul 27 j 15:32	0°♿		-1119 Mar 16 j 11:30	0°♿	
desc. node	-1122 Aug 10 j 07:26	16°♿08'35	morning set	-1119 Apr 06 j 10:57	25°♿43'42	
	-1122 Aug 22 j 04:22	0°♿		-1119 Apr 09 j 22:33	0°♿	
	-1122 Sep 17 j 14:54	0°♿		-1119 May 04 j 09:40	0°♿	
evening max el	-1122 Oct 08 j 19:45	22°♿30'41	max. Earth dist.	-1119 May 11 j 18:46	9°♿03'24	1.73683 AU
	-1122 Oct 16 j 10:39	0°♿				
greatest brilliancy	-1122 Nov 16 j 06:53	23°♿05'57	superior conj	-1119 May 13 j 00:09	10°♿33'35	0°-12'-14
retrograde	-1122 Nov 28 j 16:30	25°♿58'42	minimum elong	-1119 May 13 j 02:37	10°♿41'07	0°12'07

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

behind sun begin	-1119 May 12 j 12:06	9°♄56'34		morning rise	-1117 Oct 08 j 04:23	26°♍19'09	
behind sun end	-1119 May 13 j 17:07	11°♄25'40		direct	-1117 Oct 23 j 18:13	21°♍33'48	
asc. node	-1119 May 18 j 04:58	16°♄56'38		asc. node	-1117 Nov 02 j 23:42	23°♍34'04	
	-1119 May 28 j 20:01	0°♂		greatest brilliancy	-1117 Nov 05 j 21:56	24°♍47'41	-4.7m
evening rise	-1119 Jun 17 j 19:47	24°♂35'52			-1117 Nov 14 j 22:52	0°♎	
	-1119 Jun 22 j 05:03	0°♏		morning max el	-1117 Dec 13 j 14:01	25°♎12'23	46°53'46
	-1119 Jul 16 j 13:02	0°♐			-1117 Dec 18 j 05:21	0°♏	
	-1119 Aug 09 j 21:09	0°♑			-1116 Jan 14 j 10:34	0°♐	
	-1119 Sep 03 j 07:06	0°♑			-1116 Feb 09 j 06:00	0°♑	
desc. node	-1119 Sep 06 j 19:26	4°♑18'19		desc. node	-1116 Feb 22 j 14:39	15°♑48'07	
	-1119 Sep 27 j 20:48	0°♒			-1116 Mar 05 j 12:45	0°♒	
	-1119 Oct 22 j 17:19	0°♒			-1116 Mar 30 j 13:25	0°♓	
	-1119 Nov 17 j 04:20	0°♓			-1116 Apr 24 j 10:13	0°♓	
	-1119 Dec 14 j 04:44	0°♓			-1116 May 19 j 03:26	0°♔	
evening max el	-1119 Dec 19 j 05:12	5°♓11'41	46°57'46	morning set	-1116 Jun 12 j 18:21	0°♔05'36	
asc. node	-1119 Dec 28 j 21:20	14°♓41'22			-1116 Jun 12 j 16:31	0°♔	
	-1118 Jan 16 j 11:24	0°♕		asc. node	-1116 Jun 14 j 16:45	2°♔27'56	
greatest brilliancy	-1118 Jan 24 j 13:58	4°♕46'20	-4.6m		-1116 Jul 07 j 00:58	0°♕	
retrograde	-1118 Feb 07 j 21:57	8°♕32'33		max. Earth dist.	-1116 Jul 15 j 01:55	9°♕57'16	1.72755 AU
evening set	-1118 Feb 25 j 18:44	2°♕21'00					
inferior conj	-1118 Mar 01 j 04:06	0°♕13'02	8°19'05	superior conj	-1116 Jul 19 j 01:30	14°♕53'39	1°09'25
minimum elong	-1118 Mar 01 j 07:59	0°♕06'51	8°18'50	minimum elong	-1116 Jul 18 j 17:13	14°♕27'57	1°09'11
min. Earth dist.	-1118 Feb 28 j 20:15	0°♕25'32	0.28658 AU		-1116 Jul 31 j 05:07	0°♖	
	-1118 Mar 01 j 12:18	30°♖			-1116 Aug 24 j 06:25	0°♗	
morning rise	-1118 Mar 04 j 21:26	27°♖53'10		evening rise	-1116 Aug 24 j 19:19	0°♗40'16	
direct	-1118 Mar 22 j 08:58	21°♖59'59			-1116 Sep 17 j 06:42	0°♘	
greatest brilliancy	-1118 Apr 03 j 01:29	24°♖26'47	-4.5m	desc. node	-1116 Oct 04 j 07:31	21°♘16'03	
	-1118 Apr 13 j 14:27	0°♙			-1116 Oct 11 j 07:37	0°♙	
desc. node	-1118 Apr 19 j 12:07	4°♙05'28			-1116 Nov 04 j 10:28	0°♙	
morning max el	-1118 May 10 j 05:19	21°♙54'37	45°47'39		-1116 Nov 28 j 17:08	0°♚	
	-1118 May 18 j 11:23	0°♙			-1116 Dec 23 j 07:42	0°♚	
	-1118 Jun 15 j 16:31	0°♛			-1115 Jan 17 j 14:49	0°♛	
	-1118 Jul 12 j 00:12	0°♜		asc. node	-1115 Jan 25 j 09:09	8°♛56'03	
	-1118 Aug 06 j 07:12	0°♝			-1115 Feb 13 j 10:10	0°♙	
asc. node	-1118 Aug 10 j 14:21	5°♝11'20		evening max el	-1115 Feb 28 j 09:53	15°♙21'41	45°40'57
	-1118 Aug 30 j 21:36	0°♞			-1115 Mar 16 j 15:46	0°♛	
	-1118 Sep 24 j 01:00	0°♗		greatest brilliancy	-1115 Apr 03 j 13:16	11°♛52'49	-4.5m
	-1118 Oct 17 j 22:24	0°♘		retrograde	-1115 Apr 18 j 04:59	15°♛37'04	
morning set	-1118 Nov 05 j 14:26	23°♘31'16		evening set	-1115 May 03 j 12:23	11°♛05'48	
	-1118 Nov 10 j 17:48	0°♙		inferior conj	-1115 May 09 j 15:41	7°♛23'41	1°41'47
desc. node	-1118 Nov 30 j 05:14	24°♙31'32		minimum elong	-1115 May 09 j 19:19	7°♛17'58	1°40'45
	-1118 Dec 04 j 13:43	0°♙		min. Earth dist.	-1115 May 09 j 23:43	7°♛11'04	0.29041 AU
				morning rise	-1115 May 16 j 02:12	3°♛31'25	
superior conj	-1118 Dec 17 j 12:46	16°♙16'49	0°-39'-24	desc. node	-1115 May 16 j 23:58	3°♛02'11	
minimum elong	-1118 Dec 17 j 03:05	15°♙46'26	0°39'00		-1115 May 24 j 11:02	30°♛	
max. Earth dist.	-1118 Dec 21 j 04:23	20°♙51'35	1.71338 AU	direct	-1115 May 31 j 09:37	29°♙03'10	
	-1118 Dec 28 j 11:26	0°♚			-1115 Jun 07 j 13:34	0°♛	
	-1117 Jan 21 j 11:44	0°♚		greatest brilliancy	-1115 Jun 14 j 05:27	2°♛23'19	-4.5m
evening rise	-1117 Jan 27 j 17:36	7°♚46'22		morning max el	-1115 Jul 19 j 10:22	29°♛09'04	45°57'48
	-1117 Feb 14 j 15:40	0°♛			-1115 Jul 20 j 07:27	0°♜	
	-1117 Mar 11 j 00:37	0°♙			-1115 Aug 17 j 20:48	0°♝	
asc. node	-1117 Mar 23 j 07:08	14°♙59'09		asc. node	-1115 Sep 07 j 02:12	23°♝09'44	
	-1117 Apr 04 j 16:11	0°♛			-1115 Sep 12 j 21:21	0°♞	
	-1117 Apr 29 j 16:26	0°♜			-1115 Oct 07 j 17:47	0°♗	
	-1117 May 25 j 04:55	0°♝			-1115 Nov 01 j 00:02	0°♘	
	-1117 Jun 20 j 13:47	0°♞			-1115 Nov 25 j 00:19	0°♙	
desc. node	-1117 Jul 12 j 21:37	24°♞01'29			-1115 Dec 18 j 23:30	0°♙	
	-1117 Jul 18 j 18:11	0°♗		desc. node	-1115 Dec 27 j 16:58	10°♙54'39	
evening max el	-1117 Jul 24 j 22:21	6°♗05'16	46°15'28		-1114 Jan 11 j 23:56	0°♚	
	-1117 Aug 23 j 01:06	0°♘		morning set	-1114 Jan 21 j 23:26	12°♚26'07	
greatest brilliancy	-1117 Sep 02 j 02:46	4°♘58'33	-4.6m		-1114 Feb 05 j 02:25	0°♚	
retrograde	-1117 Sep 12 j 12:10	6°♘56'46			-1114 Mar 01 j 07:17	0°♛	
evening set	-1117 Sep 29 j 00:10	1°♘44'35					
	-1117 Oct 01 j 23:11	30°♘		superior conj	-1114 Mar 02 j 18:15	1°♛48'05	-1°-22'-34
inferior conj	-1117 Oct 03 j 03:48	29°♘16'45	-6°-56'-7	minimum elong	-1114 Mar 02 j 22:51	2°♛02'18	1°22'33
minimum elong	-1117 Oct 03 j 14:26	29°♘00'40	6°53'58	max. Earth dist.	-1114 Mar 05 j 22:46	5°♛44'34	1.72888 AU
min. Earth dist.	-1117 Oct 03 j 19:46	28°♘52'36	0.26805 AU		-1114 Mar 25 j 14:45	0°♙	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening rise	-1114 Apr 09 j 16:49	18°Υ32'39			-1112 Nov 13 j 08:14	0°♄		
	-1114 Apr 19 j 00:59	0°♄			-1112 Dec 08 j 05:16	0°♄		
asc. node	-1114 Apr 19 j 19:07	0°♄55'32			-1111 Jan 01 j 17:18	0°♄		
	-1114 May 13 j 13:57	0°♄		desc. node	-1111 Jan 24 j 04:51	27°♄38'34		
	-1114 Jun 07 j 05:51	0°♄			-1111 Jan 26 j 02:51	0°♄		
	-1114 Jul 02 j 01:49	0°♄			-1111 Feb 19 j 12:23	0°♄		
	-1114 Jul 27 j 04:29	0°♄			-1111 Mar 15 j 22:36	0°♄		
desc. node	-1114 Aug 09 j 09:28	15°♄34'20		morning set	-1111 Apr 04 j 04:13	23°♄35'49		
	-1114 Aug 21 j 18:56	0°♄			-1111 Apr 09 j 09:29	0°Υ		
	-1114 Sep 17 j 08:38	0°♄			-1111 May 03 j 20:31	0°♄		
evening max el	-1114 Oct 06 j 09:21	20°♄05'52	47°23'35	max. Earth dist.	-1111 May 09 j 17:07	7°♄11'24	1.73691 AU	
	-1114 Oct 16 j 13:57	0°♄						
greatest brilliancy	-1114 Nov 13 j 23:27	20°♄42'31	-4.7m	superior conj	-1111 May 10 j 18:36	8°♄29'34	0°-15'-19	
retrograde	-1114 Nov 26 j 05:22	23°♄31'31		minimum elong	-1111 May 10 j 21:39	8°♄38'58	0°15'10	
asc. node	-1114 Nov 30 j 11:28	23°♄09'01		behind sun begin	-1111 May 10 j 15:18	8°♄19'29		
evening set	-1114 Dec 10 j 21:20	19°♄12'17		behind sun end	-1111 May 11 j 04:00	8°♄58'27		
min. Earth dist.	-1114 Dec 15 j 23:28	16°♄11'02	0.26719 AU	asc. node	-1111 May 17 j 06:58	16°♄29'30		
inferior conj	-1114 Dec 16 j 20:48	15°♄37'55	4°02'59		-1111 May 28 j 06:54	0°♄		
minimum elong	-1114 Dec 16 j 12:42	15°♄50'30	4°00'41	evening rise	-1111 Jun 15 j 14:58	22°♄33'28		
morning rise	-1114 Dec 22 j 04:42	12°♄26'46			-1111 Jun 21 j 16:03	0°♄		
direct	-1113 Jan 06 j 05:39	7°♄57'50			-1111 Jul 16 j 00:15	0°♄		
greatest brilliancy	-1113 Jan 16 j 23:50	10°♄07'28	-4.6m		-1111 Aug 09 j 08:44	0°♄		
	-1113 Feb 14 j 18:48	0°♄			-1111 Sep 02 j 19:12	0°♄		
morning max el	-1113 Feb 24 j 19:56	9°♄27'32	46°20'03	desc. node	-1111 Sep 05 j 21:37	3°♄47'42		
	-1113 Mar 16 j 18:22	0°♄			-1111 Sep 27 j 09:36	0°♄		
desc. node	-1113 Mar 22 j 02:31	5°♄46'19			-1111 Oct 22 j 07:10	0°♄		
	-1113 Apr 12 j 20:13	0°♄			-1111 Nov 16 j 20:06	0°♄		
	-1113 May 08 j 20:18	0°Υ			-1111 Dec 14 j 01:17	0°♄		
	-1113 Jun 03 j 06:02	0°♄		evening max el	-1111 Dec 16 j 21:01	2°♄54'12	47°00'21	
	-1113 Jun 28 j 04:59	0°♄		asc. node	-1111 Dec 27 j 23:25	13°♄44'10		
asc. node	-1113 Jul 13 j 04:31	18°♄14'35			-1110 Jan 17 j 15:43	0°♄		
	-1113 Jul 22 j 18:27	0°♄		greatest brilliancy	-1110 Jan 22 j 06:13	2°♄31'39	-4.6m	
	-1113 Aug 15 j 23:48	0°♄		retrograde	-1110 Feb 05 j 14:49	6°♄18'34		
morning set	-1113 Aug 21 j 11:03	6°♄49'14		evening set	-1110 Feb 23 j 11:42	0°♄05'24		
	-1113 Sep 08 j 23:19	0°♄			-1110 Feb 23 j 15:13	30°♄		
max. Earth dist.	-1113 Sep 27 j 01:09	22°♄43'34	1.71220 AU	inferior conj	-1110 Feb 26 j 20:05	27°♄59'05	8°23'15	
				minimum elong	-1110 Feb 26 j 23:17	27°♄53'59	8°23'06	
superior conj	-1113 Sep 28 j 17:24	24°♄50'13	1°09'07	min. Earth dist.	-1110 Feb 26 j 10:44	28°♄13'55	0.28612 AU	
minimum elong	-1113 Sep 29 j 03:27	25°♄21'50	1°08'49	morning rise	-1110 Mar 02 j 11:04	25°♄43'02		
	-1113 Oct 02 j 19:51	0°♄		direct	-1110 Mar 20 j 00:30	19°♄46'49		
	-1113 Oct 26 j 15:52	0°♄		greatest brilliancy	-1110 Mar 31 j 14:36	22°♄11'55	-4.5m	
desc. node	-1113 Nov 01 j 19:27	7°♄44'04			-1110 Apr 14 j 12:46	0°♄		
evening rise	-1113 Nov 08 j 18:59	16°♄30'24		desc. node	-1110 Apr 18 j 14:12	2°♄58'13		
	-1113 Nov 19 j 12:56	0°♄		morning max el	-1110 May 07 j 21:58	19°♄45'48	45°48'01	
	-1113 Dec 13 j 12:03	0°♄			-1110 May 18 j 07:00	0°Υ		
	-1112 Jan 06 j 14:43	0°♄			-1110 Jun 15 j 07:27	0°♄		
	-1112 Jan 30 j 23:43	0°♄			-1110 Jul 11 j 13:17	0°♄		
asc. node	-1112 Feb 22 j 21:12	27°♄41'38			-1110 Aug 05 j 19:22	0°♄		
	-1112 Feb 24 j 19:30	0°Υ		asc. node	-1110 Aug 09 j 16:29	4°♄41'16		
	-1112 Mar 21 j 09:03	0°♄			-1110 Aug 30 j 09:17	0°♄		
	-1112 Apr 17 j 06:21	0°♄			-1110 Sep 23 j 12:27	0°♄		
evening max el	-1112 May 09 j 23:22	23°♄10'00	45°16'33		-1110 Oct 17 j 09:45	0°♄		
	-1112 May 17 j 08:52	0°♄		morning set	-1110 Nov 03 j 01:05	20°♄58'02		
desc. node	-1112 Jun 13 j 11:51	19°♄14'32			-1110 Nov 10 j 05:06	0°♄		
greatest brilliancy	-1112 Jun 14 j 21:58	19°♄51'45	-4.5m	desc. node	-1110 Nov 29 j 07:10	24°♄02'11		
retrograde	-1112 Jun 27 j 11:56	22°♄38'54			-1110 Dec 04 j 00:59	0°♄		
evening set	-1112 Jul 13 j 19:59	17°♄38'31						
inferior conj	-1112 Jul 18 j 19:23	14°♄40'35	-7°-8'-33	superior conj	-1110 Dec 14 j 21:54	13°♄39'27	0°-35'-47	
minimum elong	-1112 Jul 18 j 09:41	14°♄55'29	7°06'53	minimum elong	-1110 Dec 14 j 12:54	13°♄11'12	0°35'25	
min. Earth dist.	-1112 Jul 19 j 02:46	14°♄29'15	0.28411 AU	max. Earth dist.	-1110 Dec 18 j 13:47	18°♄15'14	1.71300 AU	
morning rise	-1112 Jul 22 j 23:00	12°♄09'49			-1110 Dec 27 j 22:40	0°♄		
direct	-1112 Aug 09 j 05:38	6°♄31'27			-1109 Jan 20 j 22:58	0°♄		
greatest brilliancy	-1112 Aug 23 j 18:36	10°♄14'50	-4.6m	evening rise	-1109 Jan 25 j 05:20	5°♄18'40		
	-1112 Sep 19 j 11:24	0°♄			-1109 Feb 14 j 02:55	0°♄		
morning max el	-1112 Sep 28 j 10:28	8°♄40'27	46°37'51		-1109 Mar 10 j 11:58	0°Υ		
asc. node	-1112 Oct 04 j 14:04	14°♄59'28		asc. node	-1109 Mar 22 j 09:17	14°Υ30'48		
	-1112 Oct 18 j 10:14	0°♄			-1109 Apr 04 j 03:50	0°♄		

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1109 Apr 29 j 04:43	0°♐			-1107 Oct 07 j 06:24	0°♑		
	-1109 May 24 j 18:25	0°♑			-1107 Oct 31 j 12:08	0°♒		
	-1109 Jun 20 j 05:44	0°♒			-1107 Nov 24 j 12:06	0°♓		
	-1109 Jul 11 j 23:40	23°♒14'57			-1107 Dec 18 j 11:04	0°♑		
evening max el	-1109 Jul 18 j 16:15	0°♑		desc. node	-1107 Dec 26 j 19:06	10°♑25'26		
greatest brilliancy	-1109 Jul 22 j 12:28	3°♑45'26	46°12'29	morning set	-1106 Jan 11 j 11:19	0°♑		
	-1109 Aug 24 j 20:55	0°♒			-1106 Jan 19 j 10:26	9°♑55'41		
retrograde	-1109 Aug 30 j 14:37	2°♒31'31	-4.6m		-1106 Feb 04 j 13:38	0°♒		
evening set	-1109 Sep 10 j 00:05	4°♒29'12		superior conj	-1106 Feb 28 j 08:51	29°♒30'34	-1°-23'-19	
	-1109 Sep 25 j 05:51	30°♑			minimum elong	-1106 Feb 28 j 12:43	29°♒42'32	1°23'19
inferior conj	-1109 Sep 26 j 15:46	29°♑12'28			-1106 Feb 28 j 18:22	0°♑		
minimum elong	-1109 Oct 01 j 02:32	26°♑49'02	-7°-10'-36	max. Earth dist.	-1106 Mar 03 j 16:12	3°♑35'54	1.72834 AU	
min. Earth dist.	-1109 Oct 01 j 08:23	26°♑33'13	7°08'37			-1106 Mar 25 j 01:47	0°♑	
morning rise	-1109 Oct 05 j 13:01	23°♑56'18		evening rise	-1106 Apr 07 j 09:47	16°♑23'27		
direct	-1109 Oct 21 j 07:40	19°♑05'33		asc. node	-1106 Apr 18 j 21:07	0°♑27'41		
asc. node	-1109 Nov 02 j 01:39	21°♑42'04			-1106 Apr 18 j 12:04	0°♑		
greatest brilliancy	-1109 Nov 03 j 11:31	22°♑19'32	-4.7m		-1106 May 13 j 01:13	0°♐		
morning max el	-1109 Nov 15 j 23:30	0°♒			-1106 Jun 06 j 17:29	0°♑		
	-1109 Dec 11 j 03:13	22°♒44'41	46°54'06		-1106 Jul 01 j 14:03	0°♒		
	-1109 Dec 18 j 02:30	0°♓		desc. node	-1106 Jul 26 j 17:43	0°♑		
	-1108 Jan 14 j 02:38	0°♑			-1106 Aug 08 j 11:38	14°♑59'39		
-1108 Feb 08 j 19:56	0°♑		-1106 Aug 21 j 09:54		0°♒			
-1108 Feb 21 j 16:47	15°♑15'05		-1106 Sep 17 j 03:09		0°♓			
desc. node	-1108 Mar 05 j 01:29	0°♒		evening max el	-1106 Oct 03 j 22:07	17°♓37'50	47°22'15	
	-1108 Mar 30 j 01:25	0°♑			-1106 Oct 16 j 19:39	0°♑		
	-1108 Apr 23 j 21:42	0°♑		greatest brilliancy	-1106 Nov 11 j 15:16	18°♑16'08	-4.7m	
	-1108 May 18 j 14:35	0°♑			retrograde	-1106 Nov 23 j 17:59	21°♑02'12	
morning set	-1108 Jun 10 j 12:56	28°♑01'42		asc. node	-1106 Nov 29 j 13:34	20°♑20'03		
asc. node	-1108 Jun 12 j 03:30	0°♐		evening set	-1106 Dec 08 j 08:33	16°♑45'42		
	-1108 Jun 13 j 18:47	2°♐00'31		min. Earth dist.	-1106 Dec 13 j 13:38	13°♑40'49	0.26668 AU	
max. Earth dist.	-1108 Jul 06 j 11:56	0°♑		inferior conj	-1106 Dec 14 j 09:35	13°♑09'54	3°41'47	
	-1108 Jul 12 j 18:31	7°♑45'59	1.72812 AU	minimum elong	-1106 Dec 14 j 02:01	13°♑21'39	3°39'34	
superior conj	-1108 Jul 16 j 19:26	12°♑46'18	1°07'32	morning rise	-1106 Dec 19 j 20:01	9°♑55'23		
minimum elong	-1108 Jul 16 j 10:58	12°♑20'04	1°07'19	direct	-1105 Jan 03 j 17:22	5°♑30'22		
evening rise	-1108 Jul 30 j 16:12	0°♒		greatest brilliancy	-1105 Jan 14 j 14:48	7°♑42'58	-4.6m	
	-1108 Aug 22 j 10:35	28°♒23'02			-1105 Feb 14 j 22:58	0°♑		
	-1108 Aug 23 j 17:39	0°♑		morning max el	-1105 Feb 22 j 08:47	7°♑03'42	46°21'41	
	-1108 Sep 16 j 18:09	0°♒			-1105 Mar 16 j 12:03	0°♒		
desc. node	-1108 Oct 03 j 09:35	20°♒46'12		desc. node	-1105 Mar 21 j 04:37	5°♒06'01		
	-1108 Oct 10 j 19:19	0°♓			-1105 Apr 12 j 10:35	0°♑		
	-1108 Nov 03 j 22:29	0°♑		-1105 May 08 j 09:06	0°♑			
	-1108 Nov 28 j 05:35	0°♑		-1105 Jun 02 j 17:58	0°♑			
asc. node	-1108 Dec 22 j 20:51	0°♒		asc. node	-1105 Jun 27 j 16:26	0°♐		
	-1107 Jan 17 j 05:23	0°♑			-1105 Jul 12 j 06:43	17°♐46'56		
	-1107 Jan 24 j 11:17	8°♑18'40			-1105 Jul 22 j 05:37	0°♑		
	-1107 Feb 13 j 04:14	0°♑		morning set	-1105 Aug 15 j 10:50	0°♒		
evening max el	-1107 Feb 26 j 01:07	13°♑07'46	45°43'07		-1105 Aug 19 j 02:46	4°♒34'03		
greatest brilliancy	-1107 Mar 17 j 01:30	0°♑		max. Earth dist.	-1105 Sep 08 j 10:20	0°♑		
	-1107 Apr 01 j 06:24	9°♑45'04	-4.5m		-1105 Sep 24 j 12:41	20°♑13'55	1.71261 AU	
retrograde	-1107 Apr 15 j 21:10	13°♑29'02		superior conj	-1105 Sep 26 j 06:20	22°♑24'57	1°11'10	
evening set	-1107 May 01 j 06:41	8°♑55'36		minimum elong	-1105 Sep 26 j 15:59	22°♑55'17	1°10'54	
inferior conj	-1107 May 07 j 08:26	5°♑15'27	2°00'40		-1105 Oct 02 j 06:58	0°♒		
minimum elong	-1107 May 07 j 12:42	5°♑08'44	1°59'28		-1105 Oct 26 j 03:07	0°♓		
min. Earth dist.	-1107 May 07 j 16:48	5°♑02'18	0.29047 AU	desc. node	-1105 Oct 31 j 21:27	7°♓14'55		
morning rise	-1107 May 13 j 18:37	1°♑23'07		evening rise	-1105 Nov 06 j 04:44	13°♓54'47		
desc. node	-1107 May 16 j 01:55	0°♑11'16			-1105 Nov 19 j 00:17	0°♑		
	-1107 May 16 j 11:17	30°♑			-1105 Dec 12 j 23:32	0°♑		
direct	-1107 May 29 j 01:59	26°♑54'53			-1104 Jan 06 j 02:22	0°♒		
greatest brilliancy	-1107 Jun 11 j 08:50	0°♑		asc. node	-1104 Jan 30 j 11:40	0°♑		
	-1107 Jun 11 j 20:09	0°♑12'32	-4.5m		-1104 Feb 21 j 23:19	27°♑10'38		
morning max el	-1107 Jul 17 j 01:06	26°♑55'10	45°56'42		-1104 Feb 24 j 08:04	0°♑		
asc. node	-1107 Jul 20 j 05:03	0°♐			-1104 Mar 20 j 22:55	0°♑		
	-1107 Aug 17 j 12:25	0°♑			-1104 Apr 16 j 23:15	0°♐		
	-1107 Sep 06 j 04:23	22°♑35'21		evening max el	-1104 May 07 j 14:49	20°♐58'12	45°16'07	
	-1107 Sep 12 j 10:54	0°♒			-1104 May 17 j 12:18	0°♑		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

greatest brilliancy	-1104 Jun 12 j 09:07	17° ☿ 34'45	-4.5m		-1102 Dec 03 j 11:58	0° ♄	
desc. node	-1104 Jun 12 j 13:59	17° ☿ 39'50					
retrograde	-1104 Jun 25 j 03:22	20° ☿ 25'59		superior conj	-1102 Dec 12 j 07:25	11° ♄ 04'12	0°-32'-7
evening set	-1104 Jul 11 j 07:45	15° ☿ 29'37		minimum elong	-1102 Dec 11 j 23:11	10° ♄ 38'22	0°31'47
inferior conj	-1104 Jul 16 j 10:31	12° ☿ 26'49	-6°-55'-53	max. Earth dist.	-1102 Dec 16 j 01:03	15° ♄ 45'31	1.71262 AU
minimum elong	-1104 Jul 16 j 00:37	12° ☿ 42'01	6°54'07		-1102 Dec 27 j 09:37	0° ♄	
min. Earth dist.	-1104 Jul 16 j 17:11	12° ☿ 16'35	0.28447 AU		-1101 Jan 20 j 09:55	0° ♄	
morning rise	-1104 Jul 20 j 17:09	9° ☿ 51'51		evening rise	-1101 Jan 22 j 17:07	2° ♄ 51'52	
direct	-1104 Aug 06 j 21:39	4° ☿ 17'05			-1101 Feb 13 j 13:55	0° ♄	
greatest brilliancy	-1104 Aug 21 j 11:12	8° ☿ 01'40	-4.6m		-1101 Mar 09 j 23:07	0° ♄	
	-1104 Sep 19 j 13:04	0° ♄		asc. node	-1101 Mar 21 j 11:14	14° ♄ 02'22	
morning max el	-1104 Sep 26 j 02:05	6° ♄ 23'43	46°36'35		-1101 Apr 03 j 15:18	0° ♄	
asc. node	-1104 Oct 03 j 16:01	14° ♄ 12'19			-1101 Apr 28 j 16:50	0° ♄	
	-1104 Oct 18 j 03:10	0° ♄			-1101 May 24 j 07:47	0° ☿	
	-1104 Nov 12 j 22:30	0° ♄			-1101 Jun 19 j 21:37	0° ♄	
	-1104 Dec 07 j 18:18	0° ♄		desc. node	-1101 Jul 11 j 01:50	22° ♄ 28'59	
	-1103 Jan 01 j 05:36	0° ♄			-1101 Jul 18 j 14:47	0° ♄	
desc. node	-1103 Jan 23 j 07:01	27° ♄ 08'47		evening max el	-1101 Jul 20 j 01:43	1° ♄ 24'39	46°09'34
	-1103 Jan 25 j 14:39	0° ♄			-1101 Aug 27 j 19:42	0° ♄	
	-1103 Feb 18 j 23:49	0° ♄		greatest brilliancy	-1101 Aug 28 j 03:26	0° ♄ 07'02	-4.6m
	-1103 Mar 15 j 09:45	0° ♄		retrograde	-1101 Sep 07 j 11:43	2° ♄ 03'23	
morning set	-1103 Apr 01 j 21:06	21° ♄ 26'45			-1101 Sep 17 j 16:21	30° ♄	
	-1103 Apr 08 j 20:25	0° ♄		evening set	-1101 Sep 24 j 07:29	26° ♄ 42'11	
	-1103 May 03 j 07:19	0° ♄		inferior conj	-1101 Sep 28 j 04:37	24° ♄ 23'06	-7°-24'-5
max. Earth dist.	-1103 May 07 j 16:44	5° ♄ 23'26	1.73691 AU	minimum elong	-1101 Sep 28 j 14:44	24° ♄ 07'43	7°22'18
				min. Earth dist.	-1101 Sep 28 j 21:26	23° ♄ 57'32	0.26909 AU
superior conj	-1103 May 08 j 12:50	6° ♄ 25'07	0°-18'-23	morning rise	-1101 Oct 02 j 21:43	21° ♄ 35'18	
minimum elong	-1103 May 08 j 16:30	6° ♄ 36'21	0°18'13	direct	-1101 Oct 18 j 20:41	16° ♄ 38'51	
asc. node	-1103 May 16 j 09:00	16° ♄ 02'42		greatest brilliancy	-1101 Nov 01 j 01:55	19° ♄ 53'39	-4.7m
	-1103 May 27 j 17:41	0° ♄		asc. node	-1101 Nov 01 j 03:45	19° ♄ 55'47	
evening rise	-1103 Jun 13 j 10:14	20° ♄ 31'37			-1101 Nov 16 j 17:11	0° ♄	
	-1103 Jun 21 j 02:57	0° ☿		morning max el	-1101 Dec 08 j 15:41	20° ♄ 16'06	46°54'33
	-1103 Jul 15 j 11:24	0° ♄			-1101 Dec 17 j 22:32	0° ♄	
	-1103 Aug 08 j 20:15	0° ♄			-1100 Jan 13 j 18:03	0° ♄	
	-1103 Sep 02 j 07:13	0° ♄			-1100 Feb 08 j 09:21	0° ♄	
desc. node	-1103 Sep 04 j 23:39	3° ♄ 17'02		desc. node	-1100 Feb 20 j 18:51	14° ♄ 43'15	
	-1103 Sep 26 j 22:18	0° ♄			-1100 Mar 04 j 13:47	0° ♄	
	-1103 Oct 21 j 20:55	0° ♄			-1100 Mar 29 j 13:01	0° ♄	
	-1103 Nov 16 j 11:53	0° ♄			-1100 Apr 23 j 08:50	0° ♄	
	-1103 Dec 13 j 22:22	0° ♄			-1100 May 18 j 01:26	0° ♄	
evening max el	-1103 Dec 14 j 13:16	0° ♄ 38'05	47°02'34	morning set	-1100 Jun 08 j 07:25	25° ♄ 58'25	
asc. node	-1103 Dec 27 j 01:32	12° ♄ 46'04			-1100 Jun 11 j 14:11	0° ♄	
	-1102 Jan 19 j 08:55	0° ♄		asc. node	-1100 Jun 12 j 20:59	1° ♄ 34'29	
greatest brilliancy	-1102 Jan 19 j 23:25	0° ♄ 18'02	-4.6m		-1100 Jul 05 j 22:34	0° ☿	
retrograde	-1102 Feb 03 j 07:31	4° ♄ 03'52		max. Earth dist.	-1100 Jul 10 j 12:13	5° ☿ 39'13	1.72866 AU
	-1102 Feb 17 j 10:53	30° ♄					
evening set	-1102 Feb 21 j 04:15	27° ♄ 49'48		superior conj	-1100 Jul 14 j 13:24	10° ☿ 40'12	1°05'35
inferior conj	-1102 Feb 24 j 11:52	25° ♄ 44'34	8°26'44	minimum elong	-1100 Jul 14 j 04:49	10° ☿ 13'36	1°05'21
minimum elong	-1102 Feb 24 j 14:21	25° ♄ 40'38	8°26'39		-1100 Jul 30 j 02:54	0° ♄	
min. Earth dist.	-1102 Feb 24 j 00:57	26° ♄ 01'55	0.28565 AU	evening rise	-1100 Aug 20 j 02:09	26° ♄ 07'59	
morning rise	-1102 Feb 28 j 00:42	23° ♄ 31'57			-1100 Aug 23 j 04:31	0° ♄	
direct	-1102 Mar 17 j 16:14	17° ♄ 33'21			-1100 Sep 16 j 05:14	0° ♄	
greatest brilliancy	-1102 Mar 29 j 02:55	19° ♄ 55'49	-4.5m	desc. node	-1100 Oct 02 j 11:33	20° ♄ 17'11	
	-1102 Apr 15 j 05:20	0° ♄			-1100 Oct 10 j 06:41	0° ♄	
desc. node	-1102 Apr 17 j 16:10	1° ♄ 52'31			-1100 Nov 03 j 10:11	0° ♄	
morning max el	-1102 May 05 j 14:08	17° ♄ 36'00	45°48'28		-1100 Nov 27 j 17:43	0° ♄	
	-1102 May 18 j 01:57	0° ♄			-1100 Dec 22 j 09:41	0° ♄	
	-1102 Jun 14 j 22:01	0° ♄			-1099 Jan 16 j 19:40	0° ♄	
	-1102 Jul 11 j 02:02	0° ♄		asc. node	-1099 Jan 23 j 13:24	7° ♄ 42'18	
	-1102 Aug 05 j 07:14	0° ☿			-1099 Feb 12 j 22:14	0° ♄	
asc. node	-1102 Aug 08 j 18:32	4° ☿ 11'48		evening max el	-1099 Feb 23 j 15:27	10° ♄ 52'49	45°45'17
	-1102 Aug 29 j 20:43	0° ♄			-1099 Mar 17 j 13:54	0° ♄	
	-1102 Sep 22 j 23:40	0° ♄		greatest brilliancy	-1099 Mar 29 j 22:27	7° ♄ 36'59	-4.5m
	-1102 Oct 16 j 20:52	0° ♄		retrograde	-1099 Apr 13 j 13:29	11° ♄ 22'18	
morning set	-1102 Oct 31 j 12:19	18° ♄ 27'22		evening set	-1099 Apr 29 j 01:03	6° ♄ 46'08	
	-1102 Nov 09 j 16:08	0° ♄		inferior conj	-1099 May 05 j 01:12	3° ♄ 08'19	2°19'18
desc. node	-1102 Nov 28 j 09:20	23° ♄ 34'28		minimum elong	-1099 May 05 j 06:05	3° ♄ 00'38	2°17'57

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

min. Earth dist.	-1099 May 05 j 09:57	2°♄54'31	0.29056 AU	desc. node	-1097 Oct 30 j 23:36	6°♍47'02	
	-1099 May 10 j 04:01	30°♌°		evening rise	-1097 Nov 03 j 14:23	11°♍19'41	
morning rise	-1099 May 11 j 10:56	29°♌16'15			-1097 Nov 18 j 11:24	0°♌°	
desc. node	-1099 May 15 j 04:06	27°♌24'37			-1097 Dec 12 j 10:46	0°♌°	
direct	-1099 May 26 j 18:02	24°♌47'27			-1096 Jan 05 j 13:48	0°♌°	
greatest brilliancy	-1099 Jun 09 j 12:08	28°♌04'17	-4.5m		-1096 Jan 29 j 23:27	0°♌°	
	-1099 Jun 13 j 09:16	0°♌°		asc. node	-1096 Feb 21 j 01:19	26°♌39'42	
morning max el	-1099 Jul 14 j 16:20	24°♌43'25	45°55'44		-1096 Feb 23 j 20:30	0°♌°	
	-1099 Jul 20 j 01:32	0°♌°			-1096 Mar 20 j 12:42	0°♌°	
	-1099 Aug 17 j 03:29	0°♌°			-1096 Apr 16 j 16:15	0°♌°	
asc. node	-1099 Sep 05 j 06:24	22°♌01'47		evening max el	-1096 May 05 j 06:56	18°♌48'42	45°15'45
	-1099 Sep 11 j 23:59	0°♌°			-1096 May 17 j 17:13	0°♌°	
	-1099 Oct 06 j 18:34	0°♌°		greatest brilliancy	-1096 Jun 09 j 20:59	15°♌19'25	-4.5m
	-1099 Oct 30 j 23:48	0°♌°		desc. node	-1096 Jun 11 j 16:04	16°♌02'24	
	-1099 Nov 23 j 23:30	0°♌°		retrograde	-1096 Jun 22 j 18:44	18°♌13'35	
	-1099 Dec 17 j 22:17	0°♌°		evening set	-1096 Jul 08 j 19:40	13°♌21'22	
desc. node	-1099 Dec 25 j 21:12	9°♌57'12		inferior conj	-1096 Jul 14 j 01:39	10°♌13'40	-6°-42'-43
	-1098 Jan 10 j 22:21	0°♌°		minimum elong	-1096 Jul 13 j 15:36	10°♌29'06	6°40'49
morning set	-1098 Jan 16 j 21:16	7°♌25'42		min. Earth dist.	-1096 Jul 14 j 07:32	10°♌04'37	0.28483 AU
	-1098 Feb 04 j 00:30	0°♌°		morning rise	-1096 Jul 18 j 11:16	7°♌34'20	
				direct	-1096 Aug 04 j 13:54	2°♌03'28	
superior conj	-1098 Feb 25 j 23:25	27°♌14'02	-1°-23'-56	greatest brilliancy	-1096 Aug 19 j 02:46	5°♌47'41	-4.6m
minimum elong	-1098 Feb 26 j 02:31	27°♌23'37	1°23'56		-1096 Sep 19 j 13:24	0°♌°	
	-1098 Feb 28 j 05:05	0°♌°		morning max el	-1096 Sep 23 j 17:35	4°♌07'01	46°35'08
max. Earth dist.	-1098 Mar 01 j 07:58	1°♌23'08	1.72777 AU	asc. node	-1096 Oct 02 j 18:08	13°♌26'27	
	-1098 Mar 24 j 12:27	0°♌°			-1096 Oct 17 j 19:45	0°♌°	
evening rise	-1098 Apr 05 j 02:46	14°♌15'25			-1096 Nov 12 j 12:34	0°♌°	
asc. node	-1098 Apr 17 j 23:14	0°♌01'19			-1096 Dec 07 j 07:10	0°♌°	
	-1098 Apr 17 j 22:48	0°♌°			-1096 Dec 31 j 17:45	0°♌°	
	-1098 May 12 j 12:10	0°♌°		desc. node	-1095 Jan 22 j 09:02	26°♌39'02	
	-1098 Jun 06 j 04:49	0°♌°			-1095 Jan 25 j 02:18	0°♌°	
	-1098 Jul 01 j 02:02	0°♌°			-1095 Feb 18 j 11:06	0°♌°	
	-1098 Jul 26 j 06:44	0°♌°			-1095 Mar 14 j 20:46	0°♌°	
desc. node	-1098 Aug 07 j 13:39	14°♌25'15		morning set	-1095 Mar 30 j 13:57	19°♌17'43	
	-1098 Aug 21 j 00:44	0°♌°			-1095 Apr 08 j 07:16	0°♌°	
	-1098 Sep 16 j 21:45	0°♌°			-1095 May 02 j 18:04	0°♌°	
evening max el	-1098 Oct 01 j 11:01	15°♌11'28	47°21'01	max. Earth dist.	-1095 May 05 j 16:16	3°♌35'24	1.73687 AU
	-1098 Oct 17 j 02:59	0°♌°					
greatest brilliancy	-1098 Nov 09 j 06:02	15°♌49'33	-4.7m	superior conj	-1095 May 06 j 07:08	4°♌21'02	0°-21'-25
retrograde	-1098 Nov 21 j 06:55	18°♌34'05		minimum elong	-1095 May 06 j 11:23	4°♌34'04	0°21'14
asc. node	-1098 Nov 28 j 15:45	17°♌26'16		asc. node	-1095 May 15 j 11:14	15°♌36'37	
evening set	-1098 Dec 05 j 19:57	14°♌19'35			-1095 May 27 j 04:25	0°♌°	
min. Earth dist.	-1098 Dec 11 j 03:28	11°♌11'49	0.26621 AU	evening rise	-1095 Jun 11 j 05:37	18°♌30'22	
inferior conj	-1098 Dec 11 j 22:20	10°♌42'43	3°20'04		-1095 Jun 20 j 13:47	0°♌°	
minimum elong	-1098 Dec 11 j 15:21	10°♌53'29	3°17'58		-1095 Jul 14 j 22:30	0°♌°	
morning rise	-1098 Dec 17 j 11:15	7°♌25'13			-1095 Aug 08 j 07:45	0°♌°	
direct	-1097 Jan 01 j 05:26	3°♌03'34			-1095 Sep 01 j 19:16	0°♌°	
greatest brilliancy	-1097 Jan 12 j 05:30	5°♌19'03	-4.6m	desc. node	-1095 Sep 04 j 01:41	2°♌46'11	
	-1097 Feb 15 j 01:08	0°♌°			-1095 Sep 26 j 11:06	0°♌°	
morning max el	-1097 Feb 19 j 22:39	4°♌43'13	46°23'20		-1095 Oct 21 j 10:53	0°♌°	
	-1097 Mar 16 j 05:00	0°♌°			-1095 Nov 16 j 04:02	0°♌°	
desc. node	-1097 Mar 20 j 06:34	4°♌26'42		evening max el	-1095 Dec 12 j 05:21	28°♌21'09	47°04'51
	-1097 Apr 12 j 00:28	0°♌°			-1095 Dec 13 j 20:19	0°♌°	
	-1097 May 07 j 21:29	0°♌°		asc. node	-1095 Dec 26 j 03:37	11°♌46'26	
	-1097 Jun 02 j 05:33	0°♌°		greatest brilliancy	-1094 Jan 17 j 17:32	28°♌05'17	-4.6m
	-1097 Jun 27 j 03:34	0°♌°			-1094 Jan 22 j 05:53	0°♌°	
asc. node	-1097 Jul 11 j 08:45	17°♌19'36		retrograde	-1094 Jan 31 j 23:53	1°♌48'35	
	-1097 Jul 21 j 16:32	0°♌°			-1094 Feb 10 j 07:43	30°♌°	
	-1097 Aug 14 j 21:40	0°♌°		evening set	-1094 Feb 18 j 20:30	25°♌34'19	
morning set	-1097 Aug 16 j 18:27	2°♌19'32		min. Earth dist.	-1094 Feb 21 j 15:16	23°♌49'18	0.28513 AU
	-1097 Sep 07 j 21:11	0°♌°		inferior conj	-1094 Feb 22 j 03:37	23°♌29'40	8°29'34
max. Earth dist.	-1097 Sep 22 j 00:00	17°♌44'16	1.71298 AU	minimum elong	-1094 Feb 22 j 05:21	23°♌26'54	8°29'31
				morning rise	-1094 Feb 25 j 14:30	21°♌19'58	
superior conj	-1097 Sep 23 j 19:14	20°♌00'17	1°13'04	direct	-1094 Mar 15 j 07:53	15°♌19'37	
minimum elong	-1097 Sep 24 j 04:25	20°♌29'08	1°12'51	greatest brilliancy	-1094 Mar 26 j 14:53	17°♌38'50	-4.5m
	-1097 Oct 01 j 17:52	0°♌°			-1094 Apr 15 j 17:48	0°♌°	
	-1097 Oct 25 j 14:07	0°♌°		desc. node	-1094 Apr 16 j 18:24	0°♌48'50	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning max el	-1094 May 03 j 05:26	15° K 23'49	45°48'57			-1091 Jan 16 j 10:31	0° K	
	-1094 May 17 j 20:29	0° Y		asc. node		-1091 Jan 22 j 15:25	7° K 04'02	
	-1094 Jun 14 j 12:29	0° B				-1091 Feb 12 j 17:13	0° Y	
	-1094 Jul 10 j 14:47	0° II		evening max el		-1091 Feb 21 j 05:42	8° Y 36'19	45°47'40
	-1094 Aug 04 j 19:08	0° S				-1091 Mar 18 j 07:28	0° B	
asc. node	-1094 Aug 07 j 20:36	3° S 42'16		greatest brilliancy		-1091 Mar 27 j 13:35	5° B 26'20	-4.5m
	-1094 Aug 29 j 08:11	0° Q		retrograde		-1091 Apr 11 j 06:09	9° B 14'16	
	-1094 Sep 22 j 10:57	0° M		evening set		-1091 Apr 26 j 19:27	4° B 34'59	
	-1094 Oct 16 j 08:05	0° A		inferior conj		-1091 May 02 j 17:54	0° B 59'43	2°37'49
morning set	-1094 Oct 28 j 23:22	15° A 55'40		minimum elong		-1091 May 02 j 23:22	0° B 51'07	2°36'19
	-1094 Nov 09 j 03:20	0° M		min. Earth dist.		-1091 May 03 j 02:51	0° B 45'37	0.29065 AU
desc. node	-1094 Nov 27 j 11:28	23° M 05'58				-1091 May 04 j 07:56	30° R Y	
	-1094 Dec 02 j 23:08	0° A		morning rise		-1091 May 09 j 03:04	27° Y 08'24	
				desc. node		-1091 May 14 j 06:11	24° Y 40'34	
superior conj	-1094 Dec 09 j 16:30	8° A 26'56	0°-28'-21	direct		-1091 May 24 j 10:03	22° Y 38'29	
minimum elong	-1094 Dec 09 j 09:07	8° A 03'45	0°28'02	greatest brilliancy		-1091 Jun 07 j 04:34	25° Y 55'30	-4.5m
max. Earth dist.	-1094 Dec 13 j 08:42	13° A 03'50	1.71223 AU			-1091 Jun 14 j 18:18	0° B	
	-1094 Dec 26 j 20:47	0° B		morning max el		-1091 Jul 12 j 08:22	22° B 32'35	45°54'49
	-1093 Jan 19 j 21:04	0° A				-1091 Jul 19 j 21:49	0° II	
evening rise	-1093 Jan 20 j 04:16	0° A 22'25				-1091 Aug 16 j 18:44	0° S	
	-1093 Feb 13 j 01:06	0° K		asc. node		-1091 Sep 04 j 08:29	21° S 27'37	
	-1093 Mar 09 j 10:27	0° Y				-1091 Sep 11 j 13:20	0° Q	
asc. node	-1093 Mar 20 j 13:24	13° Y 34'03				-1091 Oct 06 j 06:59	0° M	
	-1093 Apr 03 j 03:00	0° B				-1091 Oct 30 j 11:44	0° A	
	-1093 Apr 28 j 05:14	0° II				-1091 Nov 23 j 11:09	0° M	
	-1093 May 23 j 21:29	0° S				-1091 Dec 17 j 09:45	0° A	
	-1093 Jun 19 j 13:59	0° Q		desc. node		-1091 Dec 24 j 23:13	9° A 27'49	
desc. node	-1093 Jul 10 j 03:52	21° Q 41'37				-1090 Jan 10 j 09:40	0° B	
evening max el	-1093 Jul 17 j 14:10	29° Q 01'41	46°06'47	morning set		-1090 Jan 14 j 08:01	4° B 54'22	
	-1093 Jul 18 j 14:28	0° M				-1090 Feb 03 j 11:41	0° A	
greatest brilliancy	-1093 Aug 25 j 16:31	27° M 42'50	-4.6m					
retrograde	-1093 Sep 04 j 23:14	29° M 37'58		superior conj		-1090 Feb 23 j 13:41	24° A 55'14	-1°-24'-25
evening set	-1093 Sep 21 j 23:12	24° M 12'10		minimum elong		-1090 Feb 23 j 15:57	25° A 02'16	1°24'25
inferior conj	-1093 Sep 25 j 17:18	21° M 57'29	-7°-36'-37	max. Earth dist.		-1090 Feb 26 j 21:53	29° A 03'26	1.72725 AU
minimum elong	-1093 Sep 26 j 03:02	21° M 42'41	7°35'00			-1090 Feb 27 j 16:10	0° K	
min. Earth dist.	-1093 Sep 26 j 10:49	21° M 30'50	0.26966 AU			-1090 Mar 23 j 23:31	0° Y	
morning rise	-1093 Sep 30 j 06:32	19° M 14'48		evening rise		-1090 Apr 02 j 19:23	12° Y 05'03	
direct	-1093 Oct 16 j 09:30	14° M 12'09		asc. node		-1090 Apr 17 j 01:23	29° Y 33'48	
greatest brilliancy	-1093 Oct 29 j 17:19	17° M 28'57	-4.7m			-1090 Apr 17 j 09:56	0° B	
asc. node	-1093 Oct 31 j 05:58	18° M 13'31				-1090 May 11 j 23:30	0° II	
	-1093 Nov 17 j 06:37	0° A				-1090 Jun 05 j 16:33	0° S	
morning max el	-1093 Dec 06 j 04:02	17° A 46'22	46°54'48			-1090 Jun 30 j 14:27	0° Q	
	-1093 Dec 17 j 18:17	0° M				-1090 Jul 25 j 20:16	0° M	
	-1092 Jan 13 j 09:36	0° A		desc. node		-1090 Aug 06 j 15:43	13° M 49'34	
	-1092 Feb 07 j 23:00	0° B				-1090 Aug 20 j 16:11	0° A	
desc. node	-1092 Feb 19 j 20:53	14° B 10'24				-1090 Sep 16 j 17:15	0° M	
	-1092 Mar 04 j 02:22	0° A		evening max el		-1090 Sep 29 j 00:57	12° M 46'56	47°19'50
	-1092 Mar 29 j 00:53	0° K				-1090 Oct 17 j 13:23	0° A	
	-1092 Apr 22 j 20:14	0° Y		greatest brilliancy		-1090 Nov 06 j 20:20	13° A 21'55	-4.7m
	-1092 May 17 j 12:32	0° B		retrograde		-1090 Nov 18 j 20:32	16° A 05'31	
morning set	-1092 Jun 06 j 01:48	23° B 53'59		asc. node		-1090 Nov 27 j 17:43	14° A 26'49	
	-1092 Jun 11 j 01:09	0° II		evening set		-1090 Dec 03 j 07:43	11° A 52'45	
asc. node	-1092 Jun 11 j 23:00	1° II 07'04		min. Earth dist.		-1090 Dec 08 j 17:07	8° A 42'40	0.26575 AU
	-1092 Jul 05 j 09:31	0° S		inferior conj		-1090 Dec 09 j 11:09	8° A 14'56	2°57'54
max. Earth dist.	-1092 Jul 08 j 07:20	3° S 35'56	1.72918 AU	minimum elong		-1090 Dec 09 j 04:50	8° A 24'40	2°55'57
				morning rise		-1090 Dec 15 j 02:28	4° A 54'50	
superior conj	-1092 Jul 12 j 07:28	8° S 33'35	1°03'33	direct		-1090 Dec 29 j 18:07	0° A 36'25	
minimum elong	-1092 Jul 11 j 22:48	8° S 06'43	1°03'17	greatest brilliancy		-1089 Jan 09 j 19:14	2° A 53'38	-4.6m
	-1092 Jul 29 j 13:55	0° Q				-1089 Feb 15 j 02:12	0° B	
evening rise	-1092 Aug 17 j 18:07	23° Q 53'25		morning max el		-1089 Feb 17 j 13:17	2° B 23'53	46°24'46
	-1092 Aug 22 j 15:40	0° M				-1089 Mar 15 j 21:57	0° A	
	-1092 Sep 15 j 16:35	0° A		desc. node		-1089 Mar 19 j 08:48	3° A 47'42	
desc. node	-1092 Oct 01 j 13:46	19° A 48'09				-1089 Apr 11 j 14:34	0° K	
	-1092 Oct 09 j 18:17	0° M				-1089 May 07 j 10:12	0° Y	
	-1092 Nov 02 j 22:09	0° A				-1089 Jun 01 j 17:29	0° B	
	-1092 Nov 27 j 06:11	0° B				-1089 Jun 26 j 15:02	0° II	
	-1092 Dec 21 j 22:57	0° A		asc. node		-1089 Jul 10 j 10:49	16° II 51'24	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1089 Jul 21 j 03:44	0°☿		retrograde	-1086 Jan 29 j 15:54	29°≈32'46	
morning set	-1089 Aug 14 j 10:12	0°♌04'27		evening set	-1086 Feb 16 j 12:27	23°≈19'08	
	-1089 Aug 14 j 08:47	0°♌		min. Earth dist.	-1086 Feb 19 j 05:58	21°≈35'55	0.28455 AU
	-1089 Sep 07 j 08:20	0°♍		inferior conj	-1086 Feb 19 j 19:23	21°≈14'33	8°31'34
max. Earth dist.	-1089 Sep 19 j 09:29	15°♍08'00	1.71338 AU	minimum elong	-1086 Feb 19 j 20:22	21°≈12'59	8°31'33
				morning rise	-1086 Feb 23 j 04:35	19°≈07'15	
superior conj	-1089 Sep 21 j 08:22	17°♍35'23	1°14'51	direct	-1086 Mar 12 j 22:59	13°≈05'45	
minimum elong	-1089 Sep 21 j 17:01	18°♍02'33	1°14'39	greatest brilliancy	-1086 Mar 24 j 03:08	15°≈22'00	-4.5m
	-1089 Oct 01 j 05:07	0°♎		desc. node	-1086 Apr 15 j 20:26	29°≈46'27	
	-1089 Oct 25 j 01:27	0°♎			-1086 Apr 16 j 03:03	0°♋	
desc. node	-1089 Oct 30 j 01:42	6°♎17'56		morning max el	-1086 Apr 30 j 19:55	13°♋09'33	45°49'32
evening rise	-1089 Nov 01 j 00:12	8°♎44'02			-1086 May 17 j 14:33	0°♌	
	-1089 Nov 17 j 22:49	0°♏			-1086 Jun 14 j 02:48	0°♍	
	-1089 Dec 11 j 22:16	0°♏			-1086 Jul 10 j 03:31	0°♎	
	-1088 Jan 05 j 01:28	0°≈			-1086 Aug 04 j 07:04	0°☿	
	-1088 Jan 29 j 11:29	0°♋		asc. node	-1086 Aug 06 j 22:46	3°☿12'50	
asc. node	-1088 Feb 20 j 03:28	26°♋08'28			-1086 Aug 28 j 19:43	0°♌	
	-1088 Feb 23 j 09:14	0°♌			-1086 Sep 21 j 22:17	0°♍	
	-1088 Mar 20 j 02:53	0°♍			-1086 Oct 15 j 19:19	0°♎	
	-1088 Apr 16 j 09:57	0°♎		morning set	-1086 Oct 26 j 10:27	13°♎23'56	
evening max el	-1088 May 02 j 23:24	16°♎39'09	45°15'21		-1086 Nov 08 j 14:32	0°♏	
	-1088 May 18 j 00:44	0°☿		desc. node	-1086 Nov 26 j 13:25	22°♏36'52	
greatest brilliancy	-1088 Jun 07 j 10:18	13°☿05'05	-4.5m		-1086 Dec 02 j 10:20	0°♏	
desc. node	-1088 Jun 10 j 18:05	14°☿20'43					
retrograde	-1088 Jun 20 j 09:54	16°☿00'39		superior conj	-1086 Dec 07 j 01:35	5°♏49'32	0°-24'-30
evening set	-1088 Jul 06 j 07:57	11°☿12'43		minimum elong	-1086 Dec 06 j 19:06	5°♏29'11	0°24'14
inferior conj	-1088 Jul 11 j 16:58	8°☿00'18	-6°-29'-1	max. Earth dist.	-1086 Dec 10 j 13:15	10°♏12'18	1.71188 AU
minimum elong	-1088 Jul 11 j 06:52	8°☿15'51	6°27'00		-1086 Dec 26 j 07:58	0°☿	
min. Earth dist.	-1088 Jul 11 j 22:22	7°☿51'58	0.28515 AU	evening rise	-1085 Jan 17 j 15:20	27°☿52'26	
morning rise	-1088 Jul 16 j 05:31	5°☿16'26			-1085 Jan 19 j 08:16	0°≈	
	-1088 Jul 30 j 07:41	30°♊			-1085 Feb 12 j 12:19	0°♋	
direct	-1088 Aug 02 j 06:06	29°♊49'47			-1085 Mar 08 j 21:47	0°♌	
	-1088 Aug 05 j 05:24	0°☿		asc. node	-1085 Mar 19 j 15:33	13°♌05'44	
greatest brilliancy	-1088 Aug 16 j 17:17	3°☿31'53	-4.6m		-1085 Apr 02 j 14:40	0°♍	
	-1088 Sep 19 j 12:54	0°♌			-1085 Apr 27 j 17:36	0°♎	
morning max el	-1088 Sep 21 j 08:22	1°♌48'01	46°33'35		-1085 May 23 j 11:12	0°☿	
asc. node	-1088 Oct 01 j 20:22	12°♌40'56			-1085 Jun 19 j 06:34	0°♌	
	-1088 Oct 17 j 12:17	0°♍		desc. node	-1085 Jul 09 j 05:56	20°♌53'43	
	-1088 Nov 12 j 02:45	0°♎		evening max el	-1085 Jul 15 j 02:19	26°♌38'13	46°03'56
	-1088 Dec 06 j 20:11	0°♏			-1085 Jul 18 j 15:13	0°♍	
	-1088 Dec 31 j 06:03	0°♏		greatest brilliancy	-1085 Aug 23 j 05:01	25°♍18'14	-4.6m
desc. node	-1087 Jan 21 j 11:07	26°♏08'55		retrograde	-1085 Sep 02 j 11:00	27°♍13'07	
	-1087 Jan 24 j 14:06	0°☿		evening set	-1085 Sep 19 j 14:50	21°♍42'26	
	-1087 Feb 17 j 22:32	0°≈		inferior conj	-1085 Sep 23 j 06:03	19°♍32'10	-7°-48'-9
	-1087 Mar 14 j 07:56	0°♋		minimum elong	-1085 Sep 23 j 15:20	19°♍18'03	7°46'43
morning set	-1087 Mar 28 j 07:00	17°♋08'55		min. Earth dist.	-1085 Sep 24 j 00:13	19°♍04'32	0.27026 AU
	-1087 Apr 07 j 18:14	0°♌		morning rise	-1085 Sep 27 j 15:27	16°♍54'54	
	-1087 May 02 j 04:57	0°♍		direct	-1085 Oct 13 j 22:19	11°♍45'36	
max. Earth dist.	-1087 May 03 j 15:08	1°♍44'54	1.73683 AU	greatest brilliancy	-1085 Oct 27 j 09:27	15°♍05'38	-4.7m
				asc. node	-1085 Oct 30 j 07:56	16°♍34'59	
superior conj	-1087 May 04 j 01:34	2°♍16'52	0°-24'-26		-1085 Nov 17 j 16:34	0°♎	
minimum elong	-1087 May 04 j 06:22	2°♍31'36	0°24'12	morning max el	-1085 Dec 03 j 17:09	15°♎18'49	46°55'02
asc. node	-1087 May 14 j 13:14	15°♍09'19			-1085 Dec 17 j 13:23	0°♏	
	-1087 May 26 j 15:19	0°♎			-1084 Jan 13 j 00:50	0°♏	
	-1087 Jun 09 j 00:59	16°♎28'29			-1084 Feb 07 j 12:28	0°☿	
evening rise	-1087 Jun 20 j 00:50	0°☿		desc. node	-1084 Feb 18 j 23:02	13°☿38'20	
	-1087 Jul 14 j 09:48	0°♌			-1084 Mar 03 j 14:47	0°≈	
	-1087 Aug 07 j 19:27	0°♍			-1084 Mar 28 j 12:36	0°♋	
	-1087 Sep 01 j 07:31	0°♎			-1084 Apr 22 j 07:29	0°♌	
desc. node	-1087 Sep 03 j 03:51	2°♎15'15			-1084 May 16 j 23:28	0°♍	
	-1087 Sep 26 j 00:08	0°♏		morning set	-1084 Jun 03 j 20:30	21°♍51'02	
	-1087 Oct 21 j 01:09	0°♏			-1084 Jun 10 j 11:56	0°♎	
	-1087 Nov 15 j 20:38	0°☿		asc. node	-1084 Jun 11 j 01:05	0°♎40'23	
evening max el	-1087 Dec 09 j 20:52	26°☿02'01	47°06'58		-1084 Jul 04 j 20:17	0°☿	
	-1087 Dec 13 j 19:22	0°≈		max. Earth dist.	-1084 Jul 06 j 04:43	1°☿40'18	1.72971 AU
asc. node	-1087 Dec 25 j 05:43	10°≈44'57					
greatest brilliancy	-1086 Jan 15 j 12:26	25°≈52'50	-4.6m	superior conj	-1084 Jul 10 j 01:46	6°☿28'16	1°01'26

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

minimum elong	-1084 Jul 09 j 17:03	6° $\overline{50}$ 1'17	1°01'09	direct	-1082 Dec 27 j 06:53	28° \overline{M} 08'48	
	-1084 Jul 29 j 00:46	0° Ω			-1081 Jan 06 j 03:42	0° \overline{X}	
evening rise	-1084 Aug 15 j 10:20	21° Ω 40'12		greatest brilliancy	-1081 Jan 07 j 08:09	0° \overline{X} 26'50	-4.6m
	-1084 Aug 22 j 02:41	0° \overline{M}		morning max el	-1081 Feb 15 j 03:36	0° \overline{Z} 04'00	46°26'13
	-1084 Sep 15 j 03:49	0° \underline{A}			-1081 Feb 15 j 01:58	0° \overline{Z}	
desc. node	-1084 Sep 30 j 15:48	19° \underline{A} 18'51			-1081 Mar 15 j 14:21	0° \approx	
	-1084 Oct 09 j 05:50	0° \overline{M}		desc. node	-1081 Mar 18 j 10:52	3° \approx 09'15	
	-1084 Nov 02 j 10:03	0° \overline{X}			-1081 Apr 11 j 04:17	0° \overline{H}	
	-1084 Nov 26 j 18:35	0° \overline{Z}			-1081 May 06 j 22:34	0° \overline{Y}	
	-1084 Dec 21 j 12:09	0° \approx			-1081 Jun 01 j 05:05	0° \overline{B}	
	-1083 Jan 16 j 01:24	0° \overline{H}			-1081 Jun 26 j 02:10	0° \overline{II}	
asc. node	-1083 Jan 21 j 17:35	6° \overline{H} 26'23		asc. node	-1081 Jul 09 j 13:00	16° \overline{II} 24'29	
	-1083 Feb 12 j 12:33	0° \overline{Y}			-1081 Jul 20 j 14:37	0° \overline{S}	
evening max el	-1083 Feb 18 j 20:47	6° \overline{Y} 22'14	45°50'08	morning set	-1081 Aug 12 j 02:19	27° \overline{S} 51'38	
	-1083 Mar 19 j 07:03	0° \overline{B}			-1081 Aug 13 j 19:33	0° Ω	
greatest brilliancy	-1083 Mar 25 j 04:34	3° \overline{B} 16'01	-4.5m		-1081 Sep 06 j 19:06	0° \overline{M}	
retrograde	-1083 Apr 08 j 23:17	7° \overline{B} 06'44		max. Earth dist.	-1081 Sep 16 j 17:55	12° \overline{M} 29'42	1.71378 AU
evening set	-1083 Apr 24 j 13:58	2° \overline{B} 24'12					
	-1083 Apr 28 j 14:50	30° \overline{R} \overline{Y}		superior conj	-1081 Sep 18 j 22:01	15° \overline{M} 13'25	1°16'28
inferior conj	-1083 Apr 30 j 10:33	28° \overline{Y} 51'35	2°56'10	minimum elong	-1081 Sep 19 j 06:03	15° \overline{M} 38'40	1°16'17
minimum elong	-1083 Apr 30 j 16:35	28° \overline{Y} 42'06	2°54'32		-1081 Sep 30 j 15:59	0° \underline{A}	
min. Earth dist.	-1083 Apr 30 j 19:26	28° \overline{Y} 37'37	0.29070 AU		-1081 Oct 24 j 12:26	0° \overline{M}	
morning rise	-1083 May 06 j 19:02	25° \overline{Y} 01'26		evening rise	-1081 Oct 29 j 10:12	6° \overline{M} 10'04	
desc. node	-1083 May 13 j 08:10	22° \overline{Y} 01'30		desc. node	-1081 Oct 29 j 03:42	5° \overline{M} 49'36	
direct	-1083 May 22 j 02:24	20° \overline{Y} 30'09			-1081 Nov 17 j 09:56	0° \overline{X}	
greatest brilliancy	-1083 Jun 04 j 20:40	23° \overline{Y} 47'13	-4.5m		-1081 Dec 11 j 09:32	0° \overline{Z}	
	-1083 Jun 15 j 17:30	0° \overline{B}			-1080 Jan 04 j 12:57	0° \approx	
morning max el	-1083 Jul 10 j 01:14	20° \overline{B} 24'55	45°54'01		-1080 Jan 28 j 23:19	0° \overline{H}	
	-1083 Jul 19 j 17:07	0° \overline{II}		asc. node	-1080 Feb 19 j 05:35	25° \overline{H} 37'45	
	-1083 Aug 16 j 09:26	0° \overline{S}			-1080 Feb 22 j 21:48	0° \overline{Y}	
asc. node	-1083 Sep 03 j 10:40	20° \overline{S} 54'49			-1080 Mar 19 j 16:58	0° \overline{B}	
	-1083 Sep 11 j 02:17	0° Ω			-1080 Apr 16 j 03:46	0° \overline{II}	
	-1083 Oct 05 j 19:07	0° \overline{M}		evening max el	-1080 Apr 30 j 15:12	14° \overline{II} 28'41	45°15'01
	-1083 Oct 29 j 23:26	0° \underline{A}			-1080 May 18 j 10:37	0° \overline{S}	
	-1083 Nov 22 j 22:36	0° \overline{M}		greatest brilliancy	-1080 Jun 05 j 00:10	10° \overline{S} 52'04	-4.5m
	-1083 Dec 16 j 21:01	0° \overline{X}		desc. node	-1080 Jun 09 j 20:14	12° \overline{S} 36'04	
desc. node	-1083 Dec 24 j 01:22	8° \overline{X} 59'30		retrograde	-1080 Jun 18 j 00:25	13° \overline{S} 48'28	
	-1082 Jan 09 j 20:46	0° \overline{Z}		evening set	-1080 Jul 03 j 20:17	9° \overline{S} 04'40	
morning set	-1082 Jan 11 j 18:25	2° \overline{Z} 22'26		inferior conj	-1080 Jul 09 j 08:14	5° \overline{S} 47'51	-6°-14'-40
	-1082 Feb 02 j 22:38	0° \approx		minimum elong	-1080 Jul 08 j 22:08	6° \overline{S} 03'28	6°12'35
				min. Earth dist.	-1080 Jul 09 j 13:35	5° \overline{S} 39'35	0.28543 AU
superior conj	-1082 Feb 21 j 03:35	22° \approx 35'58	-1°-24'-44	morning rise	-1080 Jul 13 j 23:40	2° \overline{S} 59'26	
minimum elong	-1082 Feb 21 j 05:00	22° \approx 40'22	1°24'46		-1080 Jul 19 j 21:02	30° \overline{R} \overline{II}	
max. Earth dist.	-1082 Feb 24 j 12:28	26° \approx 46'27	1.72674 AU	direct	-1080 Jul 30 j 21:49	27° \overline{II} 36'57	
	-1082 Feb 27 j 03:01	0° \overline{H}			-1080 Aug 11 j 09:23	0° \overline{S}	
	-1082 Mar 23 j 10:21	0° \overline{Y}		greatest brilliancy	-1080 Aug 14 j 07:35	1° \overline{S} 16'43	-4.6m
evening rise	-1082 Mar 31 j 11:51	9° \overline{Y} 54'58		morning max el	-1080 Sep 18 j 22:12	29° \overline{S} 27'54	46°32'15
asc. node	-1082 Apr 16 j 03:23	29° \overline{Y} 06'34			-1080 Sep 19 j 11:01	0° Ω	
	-1082 Apr 16 j 20:51	0° \overline{B}		asc. node	-1080 Sep 30 j 22:18	11° Ω 56'28	
	-1082 May 11 j 10:36	0° \overline{II}			-1080 Oct 17 j 04:07	0° \overline{M}	
	-1082 Jun 05 j 04:02	0° \overline{S}			-1080 Nov 11 j 16:23	0° \underline{A}	
	-1082 Jun 30 j 02:34	0° Ω			-1080 Dec 06 j 08:45	0° \overline{M}	
	-1082 Jul 25 j 09:30	0° \overline{M}			-1080 Dec 30 j 17:59	0° \overline{X}	
desc. node	-1082 Aug 05 j 17:54	13° \overline{M} 15'15		desc. node	-1079 Jan 20 j 13:15	25° \overline{X} 39'53	
	-1082 Aug 20 j 07:27	0° \underline{A}			-1079 Jan 24 j 01:36	0° \overline{Z}	
	-1082 Sep 16 j 12:57	0° \overline{M}			-1079 Feb 17 j 09:43	0° \approx	
evening max el	-1082 Sep 26 j 15:36	10° \overline{M} 25'11	47°18'16		-1079 Mar 13 j 18:52	0° \overline{H}	
	-1082 Oct 18 j 02:56	0° \overline{X}		morning set	-1079 Mar 25 j 23:26	14° \overline{H} 58'51	
greatest brilliancy	-1082 Nov 04 j 10:22	10° \overline{X} 54'05	-4.7m		-1079 Apr 07 j 04:59	0° \overline{Y}	
retrograde	-1082 Nov 16 j 10:01	13° \overline{X} 36'19					
asc. node	-1082 Nov 26 j 19:51	11° \overline{X} 21'10		superior conj	-1079 May 01 j 19:32	0° \overline{B} 12'04	0°-27'-26
evening set	-1082 Nov 30 j 19:24	9° \overline{X} 25'14		minimum elong	-1079 May 02 j 00:52	0° \overline{B} 28'27	0°27'11
inferior conj	-1082 Dec 06 j 23:36	5° \overline{X} 46'32	2°34'58	max. Earth dist.	-1079 May 01 j 12:26	29° \overline{Y} 50'18	1.73674 AU
minimum elong	-1082 Dec 06 j 18:00	5° \overline{X} 55'08	2°33'14		-1079 May 01 j 15:36	0° \overline{B}	
min. Earth dist.	-1082 Dec 06 j 06:25	6° \overline{X} 12'55	0.26535 AU	asc. node	-1079 May 13 j 15:18	14° \overline{B} 43'00	
morning rise	-1082 Dec 12 j 17:12	2° \overline{X} 23'53			-1079 May 26 j 01:59	0° \overline{II}	
	-1082 Dec 17 j 19:45	30° \overline{R} \overline{M}		evening rise	-1079 Jun 06 j 20:02	14° \overline{II} 26'29	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1079 Jun 19 j 11:39	0°☿		desc. node	-1076 Feb 18 j 01:05	13°☿06'42	
	-1079 Jul 13 j 20:54	0°♈			-1076 Mar 03 j 02:57	0°♈	
	-1079 Aug 07 j 06:56	0°♉			-1076 Mar 28 j 00:09	0°♉	
	-1079 Aug 31 j 19:32	0°♊			-1076 Apr 21 j 18:36	0°♊	
desc. node	-1079 Sep 02 j 05:53	1°♊44'43			-1076 May 16 j 10:21	0°♋	
	-1079 Sep 25 j 12:54	0°♌		morning set	-1076 Jun 01 j 14:59	19°♋47'34	
	-1079 Oct 20 j 15:09	0°♍			-1076 Jun 09 j 22:42	0°♌	
	-1079 Nov 15 j 13:06	0°♎		asc. node	-1076 Jun 10 j 03:16	0°♌14'01	
evening max el	-1079 Dec 07 j 11:18	23°☿41'03	47°08'53	max. Earth dist.	-1076 Jul 04 j 02:06	29°♌44'43	1.73021 AU
	-1079 Dec 13 j 18:59	0°♏			-1076 Jul 04 j 07:02	0°☿	
asc. node	-1079 Dec 24 j 07:50	9°♏43'03					
greatest brilliancy	-1078 Jan 13 j 06:37	23°♏39'49	-4.6m	superior conj	-1076 Jul 07 j 19:47	4°☿22'08	0°59'12
retrograde	-1078 Jan 27 j 07:23	27°♏17'11		minimum elong	-1076 Jul 07 j 11:05	3°☿55'13	0°58'55
evening set	-1078 Feb 14 j 03:51	21°♏04'38			-1076 Jul 28 j 11:36	0°♈	
inferior conj	-1078 Feb 17 j 11:02	18°♏59'39	8°32'40	evening rise	-1076 Aug 13 j 02:26	19°♈26'41	
minimum elong	-1078 Feb 17 j 11:14	18°♏59'20	8°32'41		-1076 Aug 21 j 13:41	0°♉	
min. Earth dist.	-1078 Feb 16 j 20:54	19°♏22'12	0.28402 AU		-1076 Sep 14 j 15:05	0°♊	
morning rise	-1078 Feb 20 j 18:53	16°♏54'14		desc. node	-1076 Sep 29 j 17:48	18°♊49'22	
direct	-1078 Mar 10 j 13:31	10°♏51'47			-1076 Oct 08 j 17:25	0°♌	
greatest brilliancy	-1078 Mar 21 j 16:33	13°♏06'28	-4.5m		-1076 Nov 01 j 22:01	0°♍	
desc. node	-1078 Apr 14 j 22:26	28°♏45'44			-1076 Nov 26 j 07:01	0°☿	
	-1078 Apr 16 j 09:38	0°♋			-1076 Dec 21 j 01:24	0°♎	
morning max el	-1078 Apr 28 j 10:04	10°♋54'36	45°50'11		-1075 Jan 15 j 16:21	0°♋	
	-1078 May 17 j 08:04	0°♌		asc. node	-1075 Jan 20 j 19:41	5°♋48'36	
	-1078 Jun 13 j 16:49	0°♍			-1075 Feb 12 j 08:18	0°♌	
	-1078 Jul 09 j 15:59	0°♎		evening max el	-1075 Feb 16 j 12:45	4°♌10'48	45°52'41
	-1078 Aug 03 j 18:46	0°☿			-1075 Mar 20 j 15:49	0°♍	
asc. node	-1078 Aug 06 j 00:49	2°☿43'44		greatest brilliancy	-1075 Mar 22 j 20:09	1°♍07'03	-4.5m
	-1078 Aug 28 j 07:02	0°♈		retrograde	-1075 Apr 06 j 16:42	4°♍59'37	
	-1078 Sep 21 j 09:25	0°♉		evening set	-1075 Apr 22 j 08:44	0°♍13'52	
	-1078 Oct 15 j 06:21	0°♊			-1075 Apr 22 j 18:30	30°♌♌	
morning set	-1078 Oct 23 j 21:52	10°♊53'53		inferior conj	-1075 Apr 28 j 03:19	26°♌43'47	3°14'06
	-1078 Nov 08 j 01:30	0°♌		minimum elong	-1075 Apr 28 j 09:52	26°♌33'29	3°12'21
desc. node	-1078 Nov 25 j 15:37	22°♌09'16		min. Earth dist.	-1075 Apr 28 j 11:47	26°♌30'29	0.29078 AU
	-1078 Dec 01 j 21:16	0°♍		morning rise	-1075 May 04 j 10:57	22°♌55'01	
				desc. node	-1075 May 12 j 10:21	19°♌27'11	
superior conj	-1078 Dec 04 j 11:04	3°♍14'12	0°-20'-39	direct	-1075 May 19 j 19:21	18°♌22'14	
minimum elong	-1078 Dec 04 j 05:32	2°♍56'49	0°20'25	greatest brilliancy	-1075 Jun 02 j 12:08	21°♌38'18	-4.5m
max. Earth dist.	-1078 Dec 07 j 16:52	7°♍18'37	1.71153 AU		-1075 Jun 16 j 10:39	0°♋	
	-1078 Dec 25 j 18:54	0°☿		morning max el	-1075 Jul 07 j 18:37	18°♋18'21	45°53'02
evening rise	-1077 Jan 15 j 02:40	25°☿24'08			-1075 Jul 19 j 12:01	0°♌	
	-1077 Jan 18 j 19:12	0°♎			-1075 Aug 16 j 00:06	0°☿	
	-1077 Feb 11 j 23:18	0°♋		asc. node	-1075 Sep 02 j 12:39	20°☿21'14	
	-1077 Mar 08 j 08:57	0°♌			-1075 Sep 10 j 15:17	0°♈	
asc. node	-1077 Mar 18 j 17:30	12°♌37'15			-1075 Oct 05 j 07:18	0°♉	
	-1077 Apr 02 j 02:14	0°♍			-1075 Oct 29 j 11:13	0°♊	
	-1077 Apr 27 j 05:55	0°♎			-1075 Nov 22 j 10:09	0°♌	
	-1077 May 23 j 00:59	0°☿			-1075 Dec 16 j 08:23	0°♍	
	-1077 Jun 18 j 23:23	0°♈		desc. node	-1075 Dec 23 j 03:26	8°♍30'35	
desc. node	-1077 Jul 08 j 08:05	20°♈05'28		morning set	-1074 Jan 09 j 04:51	29°♍50'17	
evening max el	-1077 Jul 12 j 14:36	24°♈15'33	46°01'17		-1074 Jan 09 j 07:58	0°☿	
	-1077 Jul 18 j 17:13	0°♉			-1074 Feb 02 j 09:40	0°♎	
greatest brilliancy	-1077 Aug 20 j 16:17	22°♉52'41	-4.6m				
retrograde	-1077 Aug 30 j 23:12	24°♉48'36		superior conj	-1074 Feb 18 j 17:32	20°♎16'32	-1°-24'-55
evening set	-1077 Sep 17 j 06:15	19°♉12'54		minimum elong	-1074 Feb 18 j 18:06	20°♎18'17	1°24'57
inferior conj	-1077 Sep 20 j 18:40	17°♉06'53	-7°-58'-44	max. Earth dist.	-1074 Feb 22 j 04:52	24°♎34'43	1.72617 AU
minimum elong	-1077 Sep 21 j 03:27	16°♉53'34	7°57'30		-1074 Feb 26 j 13:56	0°♋	
min. Earth dist.	-1077 Sep 21 j 13:13	16°♉38'44	0.27087 AU		-1074 Mar 22 j 21:13	0°♌	
morning rise	-1077 Sep 25 j 00:16	14°♉35'14		evening rise	-1074 Mar 29 j 04:31	7°♌45'19	
direct	-1077 Oct 11 j 11:30	9°♉19'01		asc. node	-1074 Apr 15 j 05:31	28°♌39'35	
greatest brilliancy	-1077 Oct 25 j 01:37	12°♉42'37	-4.7m		-1074 Apr 16 j 07:47	0°♍	
asc. node	-1077 Oct 29 j 10:04	15°♉00'25			-1074 May 10 j 21:47	0°♎	
	-1077 Nov 17 j 23:45	0°♊			-1074 Jun 04 j 15:39	0°☿	
morning max el	-1077 Dec 01 j 07:16	12°♊54'13	46°55'27		-1074 Jun 29 j 14:56	0°♈	
	-1077 Dec 17 j 07:52	0°♌			-1074 Jul 24 j 23:05	0°♉	
	-1076 Jan 12 j 15:42	0°♍		desc. node	-1074 Aug 04 j 19:52	12°♉39'24	
	-1076 Feb 07 j 01:37	0°☿			-1074 Aug 19 j 23:12	0°♊	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1074 Sep 16 j 09:32	0°♍				-1071 Feb 16 j 21:13	0°♋	
evening max el	-1074 Sep 24 j 06:38	8°♍03'46	47°16'37			-1071 Mar 13 j 06:07	0°♋	
	-1074 Oct 18 j 21:23	0°♊		morning set		-1071 Mar 23 j 15:51	12°♋47'36	
greatest brilliancy	-1074 Nov 02 j 00:57	8°♊26'17	-4.7m			-1071 Apr 06 j 16:03	0°♊	
retrograde	-1074 Nov 13 j 23:11	11°♊06'03						
asc. node	-1074 Nov 25 j 22:00	8°♊09'36		superior conj		-1071 Apr 29 j 13:46	28°♊07'09	0°-30'-22
evening set	-1074 Nov 28 j 07:19	6°♊56'44		minimum elong		-1071 Apr 29 j 19:38	28°♊25'08	0°30'07
inferior conj	-1074 Dec 04 j 11:59	3°♊17'18	2°11'45	max. Earth dist.		-1071 Apr 29 j 08:31	27°♊51'01	1.73661 AU
minimum elong	-1074 Dec 04 j 07:09	3°♊24'42	2°10'13			-1071 May 01 j 02:33	0°♋	
min. Earth dist.	-1074 Dec 03 j 19:50	3°♊42'05	0.26494 AU	asc. node		-1071 May 12 j 17:29	14°♋16'05	
morning rise	-1074 Dec 10 j 07:39	29°♌52'05				-1071 May 25 j 12:55	0°♌	
	-1074 Dec 10 j 01:48	30°♌♌		evening rise		-1071 Jun 04 j 15:27	12°♌24'54	
direct	-1074 Dec 24 j 19:35	25°♌40'25				-1071 Jun 18 j 22:43	0°♍	
greatest brilliancy	-1073 Jan 04 j 20:53	27°♌58'47	-4.6m			-1071 Jul 13 j 08:15	0°♌	
	-1073 Jan 09 j 06:35	0°♊				-1071 Aug 06 j 18:43	0°♎	
morning max el	-1073 Feb 12 j 17:20	27°♊41'52	46°27'43			-1071 Aug 31 j 07:55	0°♎	
	-1073 Feb 15 j 00:58	0°♋		desc. node		-1071 Sep 01 j 07:55	1°♎13'01	
	-1073 Mar 15 j 06:40	0°♋				-1071 Sep 25 j 02:09	0°♌	
desc. node	-1073 Mar 17 j 12:50	2°♋30'21				-1071 Oct 20 j 05:47	0°♊	
	-1073 Apr 10 j 18:02	0°♋				-1071 Nov 15 j 06:27	0°♋	
	-1073 May 06 j 11:01	0°♊		evening max el		-1071 Dec 05 j 01:17	21°♋17'17	47°10'54
	-1073 May 31 j 16:47	0°♋				-1071 Dec 13 j 20:26	0°♋	
	-1073 Jun 25 j 13:27	0°♌		asc. node		-1071 Dec 23 j 09:52	8°♋37'53	
asc. node	-1073 Jul 08 j 15:02	15°♌56'34		greatest brilliancy		-1070 Jan 10 j 23:52	21°♋23'48	-4.6m
	-1073 Jul 20 j 01:42	0°♍		retrograde		-1070 Jan 24 j 22:48	25°♋00'03	
morning set	-1073 Aug 09 j 18:26	25°♍38'03		evening set		-1070 Feb 11 j 18:49	18°♋48'50	
	-1073 Aug 13 j 06:35	0°♌		min. Earth dist.		-1070 Feb 14 j 11:45	17°♋06'46	0.28344 AU
	-1073 Sep 06 j 06:12	0°♎		inferior conj		-1070 Feb 15 j 02:35	16°♋43'08	8°33'06
max. Earth dist.	-1073 Sep 13 j 23:39	9°♎42'06	1.71424 AU	minimum elong		-1070 Feb 15 j 01:59	16°♋44'06	8°33'05
				morning rise		-1070 Feb 18 j 09:24	14°♋39'19	
superior conj	-1073 Sep 16 j 11:41	12°♎50'38	1°17'55	direct		-1070 Mar 08 j 03:43	8°♋36'04	
minimum elong	-1073 Sep 16 j 19:04	13°♎13'50	1°17'47	greatest brilliancy		-1070 Mar 19 j 06:39	10°♋50'21	-4.5m
	-1073 Sep 30 j 03:10	0°♎		desc. node		-1070 Apr 14 j 00:41	27°♋45'58	
	-1073 Oct 23 j 23:44	0°♌				-1070 Apr 16 j 14:37	0°♋	
evening rise	-1073 Oct 26 j 20:02	3°♌34'34		morning max el		-1070 Apr 26 j 00:40	8°♋39'39	45°51'01
desc. node	-1073 Oct 28 j 05:51	5°♌20'49				-1070 May 17 j 01:32	0°♊	
	-1073 Nov 16 j 21:20	0°♊				-1070 Jun 13 j 06:58	0°♋	
	-1073 Dec 10 j 21:05	0°♋				-1070 Jul 09 j 04:39	0°♌	
	-1072 Jan 04 j 00:44	0°♋				-1070 Aug 03 j 06:40	0°♍	
	-1072 Jan 28 j 11:30	0°♋		asc. node		-1070 Aug 05 j 02:52	2°♍14'00	
asc. node	-1072 Feb 18 j 07:34	25°♋05'40				-1070 Aug 27 j 18:33	0°♌	
	-1072 Feb 22 j 10:43	0°♊				-1070 Sep 20 j 20:47	0°♎	
	-1072 Mar 19 j 07:26	0°♋				-1070 Oct 14 j 17:39	0°♎	
	-1072 Apr 15 j 22:13	0°♌		morning set		-1070 Oct 21 j 09:25	8°♎23'21	
evening max el	-1072 Apr 28 j 06:27	12°♌16'30	45°14'54	desc. node		-1070 Nov 07 j 12:48	0°♌	
	-1072 May 19 j 00:01	0°♍				-1070 Nov 24 j 17:42	21°♌40'10	
greatest brilliancy	-1072 Jun 02 j 13:52	8°♍39'00	-4.5m			-1070 Dec 01 j 08:36	0°♊	
desc. node	-1072 Jun 08 j 22:18	10°♍47'45						
retrograde	-1072 Jun 15 j 15:03	11°♍37'04		superior conj		-1070 Dec 01 j 20:05	0°♊36'05	0°-16'-42
evening set	-1072 Jul 01 j 09:06	6°♍56'48		minimum elong		-1070 Dec 01 j 15:34	0°♊21'53	0°16'31
inferior conj	-1072 Jul 06 j 23:53	3°♍36'01	-5°-59'-57	max. Earth dist.		-1070 Dec 04 j 19:22	4°♊20'10	1.71128 AU
minimum elong	-1072 Jul 06 j 13:49	3°♍51'35	5°57'48			-1070 Dec 25 j 06:14	0°♋	
min. Earth dist.	-1072 Jul 07 j 05:22	3°♍27'33	0.28575 AU	evening rise		-1069 Jan 12 j 13:21	22°♋52'29	
morning rise	-1072 Jul 11 j 18:09	0°♍43'10				-1069 Jan 18 j 06:31	0°♋	
	-1072 Jul 13 j 00:44	30°♎♌				-1069 Feb 11 j 10:40	0°♋	
direct	-1072 Jul 28 j 13:30	25°♌24'30				-1069 Mar 07 j 20:28	0°♊	
greatest brilliancy	-1072 Aug 11 j 23:10	29°♌03'07	-4.6m	asc. node		-1069 Mar 17 j 19:40	12°♊08'22	
	-1072 Aug 13 j 20:43	0°♍				-1069 Apr 01 j 14:10	0°♋	
morning max el	-1072 Sep 16 j 11:55	27°♍06'39	46°30'41			-1069 Apr 26 j 18:38	0°♌	
	-1072 Sep 19 j 08:40	0°♌				-1069 May 22 j 15:11	0°♍	
asc. node	-1072 Sep 30 j 00:27	11°♌12'09				-1069 Jun 18 j 16:47	0°♌	
	-1072 Oct 16 j 20:08	0°♎		desc. node		-1069 Jul 07 j 10:07	19°♌15'43	
	-1072 Nov 11 j 06:20	0°♎		evening max el		-1069 Jul 10 j 04:05	21°♌55'43	45°58'50
	-1072 Dec 05 j 21:40	0°♌				-1069 Jul 18 j 20:50	0°♎	
	-1072 Dec 30 j 06:15	0°♊		greatest brilliancy		-1069 Aug 18 j 02:32	20°♎26'47	-4.6m
desc. node	-1071 Jan 19 j 15:17	25°♊09'28		retrograde		-1069 Aug 28 j 12:10	22°♎24'56	
	-1071 Jan 23 j 13:26	0°♋		evening set		-1069 Sep 14 j 21:47	16°♎44'32	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

inferior conj	-1069 Sep 18 j 07:37	14° $\mathring{\text{M}}$ 42'20	-8°-8'-12	max. Earth dist.	-1066 Feb 19 j 21:58	22° \approx 24'55	1.72567 AU
minimum elong	-1069 Sep 18 j 15:48	14° $\mathring{\text{M}}$ 29'55	8°07'10		-1066 Feb 26 j 00:56	0° H	
min. Earth dist.	-1069 Sep 19 j 01:58	14° $\mathring{\text{M}}$ 14'32	0.27150 AU		-1066 Mar 22 j 08:12	0° Y	
morning rise	-1069 Sep 22 j 09:32	12° $\mathring{\text{M}}$ 16'14		evening rise	-1066 Mar 26 j 20:33	5° Y 33'19	
direct	-1069 Oct 09 j 01:35	6° $\mathring{\text{M}}$ 53'26		asc. node	-1066 Apr 14 j 07:38	28° Y 12'16	
greatest brilliancy	-1069 Oct 22 j 17:18	10° $\mathring{\text{M}}$ 19'31	-4.7m		-1066 Apr 15 j 18:51	0° B	
asc. node	-1069 Oct 28 j 12:14	13° $\mathring{\text{M}}$ 29'30			-1066 May 10 j 09:03	0° II	
	-1069 Nov 18 j 04:56	0° $\underline{\text{A}}$			-1066 Jun 04 j 03:21	0° S	
morning max el	-1069 Nov 28 j 22:10	10° $\underline{\text{A}}$ 31'10	46°55'24		-1066 Jun 29 j 03:23	0° Ω	
	-1069 Dec 17 j 02:10	0° $\mathring{\text{M}}$			-1066 Jul 24 j 12:47	0° $\mathring{\text{M}}$	
	-1068 Jan 12 j 06:44	0° Z		desc. node	-1066 Aug 03 j 21:57	12° $\mathring{\text{M}}$ 03'43	
	-1068 Feb 06 j 15:04	0° S			-1066 Aug 19 j 15:09	0° $\underline{\text{A}}$	
desc. node	-1068 Feb 17 j 03:07	12° S 33'58			-1066 Sep 16 j 06:42	0° $\mathring{\text{M}}$	
	-1068 Mar 02 j 15:25	0° \approx		evening max el	-1066 Sep 21 j 21:19	5° $\mathring{\text{M}}$ 41'50	47°14'56
	-1068 Mar 27 j 11:57	0° H			-1066 Oct 19 j 21:46	0° Z	
	-1068 Apr 21 j 05:58	0° Y		greatest brilliancy	-1066 Oct 30 j 16:32	6° Z 00'33	-4.7m
	-1068 May 15 j 21:27	0° B		retrograde	-1066 Nov 11 j 11:59	8° Z 36'48	
morning set	-1068 May 30 j 09:30	17° B 43'35		asc. node	-1066 Nov 24 j 23:59	4° Z 55'09	
asc. node	-1068 Jun 09 j 05:15	29° B 46'25		evening set	-1066 Nov 25 j 19:40	4° Z 29'07	
	-1068 Jun 09 j 09:40	0° II		min. Earth dist.	-1066 Dec 01 j 09:47	1° Z 12'05	0.26455 AU
max. Earth dist.	-1068 Jul 01 j 22:55	27° II 46'55	1.73065 AU	inferior conj	-1066 Dec 02 j 00:34	0° Z 49'22	1°48'20
	-1068 Jul 03 j 17:59	0° S		minimum elong	-1066 Dec 01 j 20:34	0° Z 55'31	1°47'02
					-1066 Dec 03 j 08:48	30° $\mathring{\text{R}}$ $\mathring{\text{M}}$	
superior conj	-1068 Jul 05 j 14:01	2° S 16'12	0°56'55	morning rise	-1066 Dec 07 j 22:04	27° $\mathring{\text{M}}$ 21'37	
minimum elong	-1068 Jul 05 j 05:24	1° S 49'30	0°56'37	direct	-1066 Dec 22 j 08:08	23° $\mathring{\text{M}}$ 13'21	
	-1068 Jul 27 j 22:36	0° Ω		greatest brilliancy	-1065 Jan 02 j 10:20	25° $\mathring{\text{M}}$ 32'29	-4.6m
evening rise	-1068 Aug 10 j 19:02	17° Ω 14'22			-1065 Jan 11 j 02:21	0° Z	
	-1068 Aug 21 j 00:49	0° $\mathring{\text{M}}$		morning max el	-1065 Feb 10 j 06:05	25° Z 17'49	46°29'01
	-1068 Sep 14 j 02:27	0° $\underline{\text{A}}$			-1065 Feb 14 j 22:47	0° S	
desc. node	-1068 Sep 28 j 20:00	18° $\underline{\text{A}}$ 20'20			-1065 Mar 14 j 22:33	0° \approx	
	-1068 Oct 08 j 05:05	0° $\mathring{\text{M}}$		desc. node	-1065 Mar 16 j 15:04	1° \approx 53'01	
	-1068 Nov 01 j 10:03	0° Z			-1065 Apr 10 j 07:35	0° H	
	-1068 Nov 25 j 19:36	0° S			-1065 May 05 j 23:21	0° Y	
	-1068 Dec 20 j 14:55	0° \approx			-1065 May 31 j 04:24	0° B	
	-1067 Jan 15 j 07:48	0° H			-1065 Jun 25 j 00:39	0° II	
asc. node	-1067 Jan 19 j 21:41	5° H 09'21		asc. node	-1065 Jul 07 j 17:05	15° II 29'00	
	-1067 Feb 12 j 05:06	0° Y			-1065 Jul 19 j 12:40	0° S	
evening max el	-1067 Feb 14 j 05:13	1° Y 59'23	45°55'10	morning set	-1065 Aug 07 j 10:26	23° S 24'39	
greatest brilliancy	-1067 Mar 20 j 13:05	28° Y 58'33	-4.5m		-1065 Aug 12 j 17:28	0° Ω	
	-1067 Mar 22 j 18:59	0° B			-1065 Sep 05 j 17:07	0° $\mathring{\text{M}}$	
retrograde	-1067 Apr 04 j 09:48	2° B 50'52		max. Earth dist.	-1065 Sep 11 j 07:23	7° $\mathring{\text{M}}$ 01'19	1.71473 AU
	-1067 Apr 16 j 08:33	30° $\mathring{\text{R}}$ Y					
evening set	-1067 Apr 20 j 03:27	28° Y 02'10		superior conj	-1065 Sep 14 j 01:32	10° $\mathring{\text{M}}$ 28'59	1°19'14
inferior conj	-1067 Apr 25 j 19:54	24° Y 34'39	3°31'52	minimum elong	-1065 Sep 14 j 08:15	10° $\mathring{\text{M}}$ 50'05	1°19'08
minimum elong	-1067 Apr 26 j 02:56	24° Y 23'35	3°30'03		-1065 Sep 29 j 14:11	0° $\underline{\text{A}}$	
min. Earth dist.	-1067 Apr 26 j 03:52	24° Y 22'07	0.29080 AU		-1065 Oct 23 j 10:51	0° $\mathring{\text{M}}$	
morning rise	-1067 May 02 j 02:28	20° Y 47'22		evening rise	-1065 Oct 24 j 06:08	1° $\mathring{\text{M}}$ 00'35	
desc. node	-1067 May 11 j 12:24	16° Y 56'08		desc. node	-1065 Oct 27 j 07:56	4° $\mathring{\text{M}}$ 52'21	
direct	-1067 May 17 j 12:18	16° Y 13'15			-1065 Nov 16 j 08:33	0° Z	
greatest brilliancy	-1067 May 31 j 02:14	19° Y 26'49	-4.5m		-1065 Dec 10 j 08:25	0° S	
	-1067 Jun 16 j 23:48	0° B			-1064 Jan 03 j 12:16	0° \approx	
morning max el	-1067 Jul 05 j 11:18	16° B 09'44	45°52'08		-1064 Jan 27 j 23:25	0° H	
	-1067 Jul 19 j 06:33	0° II		asc. node	-1064 Feb 17 j 09:45	24° H 34'55	
	-1067 Aug 15 j 14:39	0° S			-1064 Feb 21 j 23:25	0° Y	
asc. node	-1067 Sep 01 j 14:46	19° S 48'02			-1064 Mar 18 j 21:51	0° B	
	-1067 Sep 10 j 04:13	0° Ω			-1064 Apr 15 j 17:00	0° II	
	-1067 Oct 04 j 19:27	0° $\mathring{\text{M}}$		evening max el	-1064 Apr 25 j 20:55	10° II 02'42	45°14'43
	-1067 Oct 28 j 22:56	0° $\underline{\text{A}}$			-1064 May 19 j 17:56	0° S	
	-1067 Nov 21 j 21:37	0° $\mathring{\text{M}}$		greatest brilliancy	-1064 May 31 j 02:48	6° S 24'59	-4.5m
	-1067 Dec 15 j 19:41	0° Z		desc. node	-1064 Jun 08 j 00:20	8° S 55'14	
desc. node	-1067 Dec 22 j 05:27	8° Z 01'37		retrograde	-1064 Jun 13 j 05:51	9° S 25'45	
morning set	-1066 Jan 06 j 15:20	27° Z 18'18		evening set	-1064 Jun 28 j 21:51	4° S 48'32	
	-1066 Jan 08 j 19:07	0° S		inferior conj	-1064 Jul 04 j 15:21	1° S 24'11	-5°-44'-39
	-1066 Feb 01 j 20:43	0° \approx		minimum elong	-1064 Jul 04 j 05:23	1° S 39'36	5°42'26
				min. Earth dist.	-1064 Jul 04 j 21:05	1° S 15'20	0.28607 AU
superior conj	-1066 Feb 16 j 07:04	17° \approx 55'28	-1°-24'-58		-1064 Jul 06 j 22:01	30° $\mathring{\text{R}}$ II	
minimum elong	-1066 Feb 16 j 06:43	17° \approx 54'24	1°24'59	morning rise	-1064 Jul 09 j 12:28	28° II 27'06	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

direct	-1064 Jul 26 j 04:44	23°II11'57			-1061 Jan 17 j 17:30	0°≈	
greatest brilliancy	-1064 Aug 09 j 15:43	26°II51'10	-4.6m		-1061 Feb 10 j 21:41	0°✕	
	-1064 Aug 15 j 10:14	0°☿			-1061 Mar 07 j 07:40	0°Υ	
morning max el	-1064 Sep 14 j 01:44	24°☿46'30	46°29'18	asc. node	-1061 Mar 16 j 21:48	11°Υ40'32	
	-1064 Sep 19 j 05:20	0°Ω			-1061 Apr 01 j 01:45	0°♄	
asc. node	-1064 Sep 29 j 02:39	10°Ω29'15			-1061 Apr 26 j 07:01	0°II	
	-1064 Oct 16 j 11:37	0°♍			-1061 May 22 j 05:07	0°☿	
	-1064 Nov 10 j 19:52	0°♌			-1061 Jun 18 j 10:13	0°Ω	
	-1064 Dec 05 j 10:11	0°♋		desc. node	-1061 Jul 06 j 12:12	18°Ω25'55	
	-1064 Dec 29 j 18:09	0°♊		evening max el	-1061 Jul 07 j 18:14	19°Ω38'19	45°56'08
desc. node	-1063 Jan 18 j 17:22	24°♊40'17			-1061 Jul 19 j 01:59	0°♍	
	-1063 Jan 23 j 00:54	0°♋		greatest brilliancy	-1061 Aug 15 j 12:37	18°♍01'12	-4.6m
	-1063 Feb 16 j 08:20	0°≈		retrograde	-1061 Aug 26 j 01:02	20°♍01'15	
	-1063 Mar 12 j 16:59	0°✕		evening set	-1061 Sep 12 j 13:00	14°♍16'40	
morning set	-1063 Mar 21 j 08:15	10°✕37'23		inferior conj	-1061 Sep 15 j 20:22	12°♍17'55	-8°-16'-54
	-1063 Apr 06 j 02:44	0°Υ		minimum elong	-1061 Sep 16 j 03:55	12°♍06'28	8°16'02
				min. Earth dist.	-1061 Sep 16 j 14:16	11°♍50'47	0.27212 AU
superior conj	-1063 Apr 27 j 07:58	26°Υ03'07	0°-33'-17	morning rise	-1061 Sep 19 j 18:35	9°♍57'13	
minimum elong	-1063 Apr 27 j 14:19	26°Υ22'37	0°33'00	direct	-1061 Oct 06 j 15:48	4°♍28'15	
max. Earth dist.	-1063 Apr 27 j 04:32	25°Υ52'36	1.73654 AU	greatest brilliancy	-1061 Oct 20 j 07:53	7°♍55'22	-4.7m
	-1063 Apr 30 j 13:10	0°♄		asc. node	-1061 Oct 27 j 14:12	12°♍01'46	
asc. node	-1063 May 11 j 19:29	13°♄49'32			-1061 Nov 18 j 08:06	0°♌	
	-1063 May 24 j 23:36	0°II		morning max el	-1061 Nov 26 j 12:47	8°♌08'11	46°55'24
evening rise	-1063 Jun 02 j 10:46	10°II23'49			-1061 Dec 16 j 19:47	0°♋	
	-1063 Jun 18 j 09:34	0°☿			-1060 Jan 11 j 21:16	0°♊	
	-1063 Jul 12 j 19:23	0°Ω			-1060 Feb 06 j 04:03	0°♋	
	-1063 Aug 06 j 06:16	0°♍		desc. node	-1060 Feb 16 j 05:18	12°♋02'51	
	-1063 Aug 30 j 20:03	0°♌			-1060 Mar 02 j 03:29	0°≈	
desc. node	-1063 Aug 31 j 10:06	0°♌42'42			-1060 Mar 26 j 23:24	0°✕	
	-1063 Sep 24 j 15:10	0°♋			-1060 Apr 20 j 17:00	0°Υ	
	-1063 Oct 19 j 20:13	0°♊			-1060 May 15 j 08:13	0°♄	
	-1063 Nov 14 j 23:45	0°♋		morning set	-1060 May 28 j 04:21	15°♄41'41	
evening max el	-1063 Dec 02 j 15:35	18°♋55'27	47°12'54	asc. node	-1060 Jun 08 j 07:23	29°♄20'18	
	-1063 Dec 13 j 22:47	0°≈			-1060 Jun 08 j 20:18	0°II	
asc. node	-1063 Dec 22 j 11:59	7°≈32'19		max. Earth dist.	-1060 Jun 29 j 19:18	25°II48'50	1.73110 AU
greatest brilliancy	-1062 Jan 08 j 16:21	19°≈07'46	-4.6m				
retrograde	-1062 Jan 22 j 14:39	22°≈44'05		superior conj	-1060 Jul 03 j 08:31	0°☿12'07	0°54'35
evening set	-1062 Feb 09 j 09:24	16°≈34'29		minimum elong	-1060 Jul 03 j 00:00	29°II45'46	0°54'16
min. Earth dist.	-1062 Feb 12 j 02:22	14°≈52'41	0.28285 AU		-1060 Jul 03 j 04:36	0°☿	
inferior conj	-1062 Feb 12 j 18:08	14°≈27'37	8°32'38		-1060 Jul 27 j 09:20	0°Ω	
minimum elong	-1062 Feb 12 j 16:45	14°≈29'49	8°32'35	evening rise	-1060 Aug 08 j 11:47	15°Ω03'17	
morning rise	-1062 Feb 16 j 00:19	12°≈24'59			-1060 Aug 20 j 11:46	0°♍	
direct	-1062 Mar 05 j 17:59	6°≈21'21			-1060 Sep 13 j 13:40	0°♌	
greatest brilliancy	-1062 Mar 16 j 20:46	8°≈35'34	-4.5m	desc. node	-1060 Sep 27 j 22:02	17°♌51'14	
desc. node	-1062 Apr 13 j 02:41	26°≈48'24			-1060 Oct 07 j 16:37	0°♋	
	-1062 Apr 16 j 17:15	0°✕			-1060 Oct 31 j 21:58	0°♊	
morning max el	-1062 Apr 23 j 16:00	6°✕27'48	45°51'52		-1060 Nov 25 j 08:03	0°♋	
	-1062 May 16 j 18:10	0°Υ			-1060 Dec 20 j 04:18	0°≈	
	-1062 Jun 12 j 20:35	0°♄			-1059 Jan 14 j 23:12	0°✕	
	-1062 Jul 08 j 16:55	0°II		asc. node	-1059 Jan 18 j 23:52	4°✕31'01	
	-1062 Aug 02 j 18:16	0°☿		evening max el	-1059 Feb 11 j 21:33	29°✕48'20	45°57'41
asc. node	-1062 Aug 04 j 05:02	1°☿45'29			-1059 Feb 12 j 02:17	0°Υ	
	-1062 Aug 27 j 05:49	0°Ω		greatest brilliancy	-1059 Mar 18 j 07:14	26°Υ52'34	-4.5m
	-1062 Sep 20 j 07:51	0°♍			-1059 Mar 26 j 22:12	0°♄	
	-1062 Oct 14 j 04:38	0°♌		retrograde	-1059 Apr 02 j 02:40	0°♄43'15	
morning set	-1062 Oct 18 j 21:03	5°♌54'06			-1059 Apr 08 j 02:36	30°♄Υ	
	-1062 Nov 06 j 23:46	0°♋		evening set	-1059 Apr 17 j 22:27	25°Υ51'39	
desc. node	-1062 Nov 23 j 19:41	21°♋11'53		inferior conj	-1059 Apr 23 j 12:40	22°Υ26'48	3°49'24
				minimum elong	-1059 Apr 23 j 20:08	22°Υ15'01	3°47'28
superior conj	-1062 Nov 29 j 05:03	27°♋58'52	0°-12'-43	min. Earth dist.	-1059 Apr 23 j 20:16	22°Υ14'49	0.29078 AU
minimum elong	-1062 Nov 29 j 01:35	27°♋47'58	0°12'34	morning rise	-1059 Apr 29 j 17:57	18°Υ41'02	
behind sun begin	-1062 Nov 28 j 08:07	26°♋53'02		desc. node	-1059 May 10 j 14:26	14°Υ30'59	
behind sun end	-1062 Nov 29 j 19:03	28°♋42'54		direct	-1059 May 15 j 05:22	14°Υ05'40	
	-1062 Nov 30 j 19:34	0°♊		greatest brilliancy	-1059 May 28 j 15:50	17°Υ15'44	-4.5m
max. Earth dist.	-1062 Dec 02 j 01:31	1°♊34'10	1.71104 AU		-1059 Jun 17 j 09:07	0°♄	
	-1062 Dec 24 j 17:12	0°♋		morning max el	-1059 Jul 03 j 03:13	14°♄00'14	45°51'18
evening rise	-1061 Jan 10 j 00:06	20°♋22'06			-1059 Jul 19 j 00:18	0°II	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1059 Aug 15 j 04:46	0°☿					-1056 Feb 21 j 12:23	0°♊			
asc. node	-1059 Aug 31 j 16:56	19°☿15'52					-1056 Mar 18 j 12:35	0°♋			
	-1059 Sep 09 j 16:52	0°♌					-1056 Apr 15 j 12:28	0°♍			
	-1059 Oct 04 j 07:25	0°♎			evening max el		-1056 Apr 23 j 11:24	7°♎48'49	45°14'51		
	-1059 Oct 28 j 10:33	0°♏					-1056 May 20 j 18:21	0°☿			
	-1059 Nov 21 j 09:02	0°♐			greatest brilliancy		-1056 May 28 j 14:57	4°☿10'07	-4.5m		
	-1059 Dec 15 j 06:56	0°♑			desc. node		-1056 Jun 07 j 02:30	6°☿58'41			
desc. node	-1059 Dec 21 j 07:37	7°♑33'20			retrograde		-1056 Jun 10 j 21:17	7°☿14'54			
morning set	-1058 Jan 04 j 01:25	24°♑45'09			evening set		-1056 Jun 26 j 10:57	2°☿40'12			
	-1058 Jan 08 j 06:12	0°♒					-1056 Jul 01 j 00:12	30°♒♊			
	-1058 Feb 01 j 07:39	0°♓			inferior conj		-1056 Jul 02 j 06:59	29°♒12'35	-5°-28'-51		
					minimum elong		-1056 Jul 01 j 21:11	29°♒27'42	5°26'36		
superior conj	-1058 Feb 13 j 20:20	15°♓33'57	-1°-24'-50		min. Earth dist.		-1056 Jul 02 j 12:44	29°♒03'41	0.28637 AU		
minimum elong	-1058 Feb 13 j 19:04	15°♓30'01	1°24'52		morning rise		-1056 Jul 07 j 06:56	26°♒11'30			
max. Earth dist.	-1058 Feb 17 j 15:59	20°♓18'14	1.72510 AU		direct		-1056 Jul 23 j 20:18	20°♒59'33			
	-1058 Feb 25 j 11:47	0°♈			greatest brilliancy		-1056 Aug 07 j 09:12	24°♒40'38	-4.5m		
	-1058 Mar 21 j 19:03	0°♊					-1056 Aug 16 j 12:36	0°☿			
evening rise	-1058 Mar 24 j 12:31	3°♊21'26			morning max el		-1056 Sep 11 j 16:40	22°☿29'10	46°28'03		
asc. node	-1058 Apr 13 j 09:39	27°♊44'59					-1056 Sep 19 j 01:24	0°♌			
	-1058 Apr 15 j 05:47	0°♋			asc. node		-1056 Sep 28 j 04:35	9°♌46'04			
	-1058 May 09 j 20:13	0°♍					-1056 Oct 16 j 02:56	0°♎			
	-1058 Jun 03 j 14:57	0°☿					-1056 Nov 10 j 09:22	0°♏			
	-1058 Jun 28 j 15:43	0°♌					-1056 Dec 04 j 22:46	0°♐			
	-1058 Jul 24 j 02:26	0°♎					-1056 Dec 29 j 06:11	0°♑			
desc. node	-1058 Aug 03 j 00:09	11°♎28'38			desc. node		-1055 Jan 17 j 19:30	24°♑10'37			
	-1058 Aug 19 j 07:12	0°♏					-1055 Jan 22 j 12:33	0°♒			
	-1058 Sep 16 j 04:33	0°♐					-1055 Feb 15 j 19:43	0°♓			
evening max el	-1058 Sep 19 j 10:43	3°♐16'53	47°12'50				-1055 Mar 12 j 04:07	0°♈			
	-1058 Oct 21 j 07:56	0°♑			morning set		-1055 Mar 19 j 00:11	8°♈24'42			
greatest brilliancy	-1058 Oct 28 j 08:19	3°♑34'22	-4.7m				-1055 Apr 05 j 13:42	0°♊			
retrograde	-1058 Nov 08 j 23:55	6°♑06'36									
evening set	-1058 Nov 23 j 07:56	2°♑00'02			superior conj		-1055 Apr 25 j 01:51	23°♊57'21	0°-36'-11		
asc. node	-1058 Nov 24 j 02:09	1°♑35'09			minimum elong		-1055 Apr 25 j 08:41	24°♊18'17	0°35'53		
	-1058 Nov 26 j 19:42	30°♒♋			max. Earth dist.		-1055 Apr 25 j 01:03	23°♊54'52	1.73642 AU		
min. Earth dist.	-1058 Nov 28 j 23:54	28°♋40'27	0.26424 AU				-1055 Apr 30 j 00:02	0°♋			
inferior conj	-1058 Nov 29 j 12:54	28°♋20'28	1°24'17		asc. node		-1055 May 10 j 21:36	13°♋22'37			
minimum elong	-1058 Nov 29 j 09:46	28°♋25'17	1°23'17				-1055 May 24 j 10:30	0°♌			
morning rise	-1058 Dec 05 j 12:05	24°♋50'16			evening rise		-1055 May 31 j 06:01	8°♌21'59			
direct	-1058 Dec 19 j 20:01	20°♋44'55					-1055 Jun 17 j 20:38	0°☿			
greatest brilliancy	-1058 Dec 31 j 00:51	23°♋06'14	-4.6m				-1055 Jul 12 j 06:45	0°♌			
	-1057 Jan 12 j 08:50	0°♑					-1055 Aug 05 j 18:04	0°♎			
morning max el	-1057 Feb 07 j 18:02	22°♑50'59	46°30'31				-1055 Aug 30 j 08:27	0°♏			
	-1057 Feb 14 j 20:00	0°♒			desc. node		-1055 Aug 30 j 12:07	0°♏11'08			
	-1057 Mar 14 j 14:15	0°♓					-1055 Sep 24 j 04:26	0°♐			
desc. node	-1057 Mar 15 j 17:07	1°♓15'17					-1055 Oct 19 j 10:59	0°♑			
	-1057 Apr 09 j 21:01	0°♈					-1055 Nov 14 j 17:35	0°♒			
	-1057 May 05 j 11:36	0°♊			evening max el		-1055 Nov 30 j 06:35	16°♒34'52	47°14'43		
	-1057 May 30 j 15:58	0°♋					-1055 Dec 14 j 02:59	0°♓			
	-1057 Jun 24 j 11:48	0°♌			asc. node		-1055 Dec 21 j 14:07	6°♓24'20			
asc. node	-1057 Jul 06 j 19:16	15°♌01'52			greatest brilliancy		-1054 Jan 06 j 08:10	16°♓49'52	-4.6m		
	-1057 Jul 18 j 23:36	0°☿			retrograde		-1054 Jan 20 j 06:49	20°♓26'49			
morning set	-1057 Aug 05 j 02:57	21°☿12'58			evening set		-1054 Feb 06 j 23:27	14°♓19'16			
	-1057 Aug 12 j 04:21	0°♌			min. Earth dist.		-1054 Feb 09 j 16:32	12°♓37'33	0.28229 AU		
	-1057 Sep 05 j 04:02	0°♎			inferior conj		-1054 Feb 10 j 09:32	12°♓10'36	8°31'12		
max. Earth dist.	-1057 Sep 08 j 19:09	4°♎33'19	1.71523 AU		minimum elong		-1054 Feb 10 j 07:23	12°♓14'01	8°31'08		
					morning rise		-1054 Feb 13 j 15:32	10°♓08'33			
superior conj	-1057 Sep 11 j 15:58	8°♎09'19	1°20'24		direct		-1054 Mar 03 j 08:40	4°♓05'08			
minimum elong	-1057 Sep 11 j 21:58	8°♎28'10	1°20'18		greatest brilliancy		-1054 Mar 14 j 10:27	6°♓18'56	-4.5m		
	-1057 Sep 29 j 01:11	0°♏			desc. node		-1054 Apr 12 j 04:43	25°♓50'53			
evening rise	-1057 Oct 21 j 16:43	28°♏28'06					-1054 Apr 16 j 19:00	0°♈			
	-1057 Oct 22 j 21:59	0°♐			morning max el		-1054 Apr 21 j 07:59	4°♈16'14	45°52'42		
desc. node	-1057 Oct 26 j 09:57	4°♐23'37					-1054 May 16 j 10:55	0°♊			
	-1057 Nov 15 j 19:50	0°♑					-1054 Jun 12 j 10:26	0°♋			
	-1057 Dec 09 j 19:54	0°♒					-1054 Jul 08 j 05:26	0°♌			
	-1056 Jan 03 j 00:00	0°♓					-1054 Aug 02 j 06:07	0°☿			
	-1056 Jan 27 j 11:34	0°♈			asc. node		-1054 Aug 03 j 07:05	1°☿15'50			
asc. node	-1056 Feb 16 j 11:51	24°♈03'17					-1054 Aug 26 j 17:18	0°♌			

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1054 Sep 19 j 19:10	0° $\mathring{\text{M}}$		retrograde	-1051 Mar 30 j 19:08	28° Υ 34'48	
	-1054 Oct 13 j 15:53	0° $\underline{\text{A}}$		evening set	-1051 Apr 15 j 17:30	23° Υ 40'09	
morning set	-1054 Oct 16 j 09:04	3° $\underline{\text{A}}$ 25'17		inferior conj	-1051 Apr 21 j 05:27	20° Υ 18'10	4°06'28
	-1054 Nov 06 j 11:00	0° $\mathring{\text{M}}$		minimum elong	-1051 Apr 21 j 13:18	20° Υ 05'44	4°04'29
desc. node	-1054 Nov 22 j 21:53	20° $\mathring{\text{M}}$ 43'26		min. Earth dist.	-1051 Apr 21 j 12:55	20° Υ 06'21	0.29076 AU
				morning rise	-1051 Apr 27 j 09:14	16° Υ 34'01	
superior conj	-1054 Nov 26 j 14:23	25° $\mathring{\text{M}}$ 21'56	0°-8'-43	desc. node	-1051 May 09 j 16:37	12° Υ 09'25	
minimum elong	-1054 Nov 26 j 11:59	25° $\mathring{\text{M}}$ 14'23	0°08'39	direct	-1051 May 12 j 21:59	11° Υ 57'13	
behind sun begin	-1054 Nov 25 j 12:52	24° $\mathring{\text{M}}$ 01'38		greatest brilliancy	-1051 May 26 j 05:45	15° Υ 04'01	-4.5m
behind sun end	-1054 Nov 27 j 11:07	26° $\mathring{\text{M}}$ 27'09			-1051 Jun 17 j 16:19	0° B	
max. Earth dist.	-1054 Nov 29 j 10:11	28° $\mathring{\text{M}}$ 55'11	1.71079 AU	morning max el	-1051 Jun 30 j 18:25	11° B 47'55	45°50'29
	-1054 Nov 30 j 06:48	0° A			-1051 Jul 18 j 18:02	0° II	
	-1054 Dec 24 j 04:25	0° B			-1051 Aug 14 j 19:06	0° B	
evening rise	-1053 Jan 07 j 11:06	17° B 51'40		asc. node	-1051 Aug 30 j 18:56	18° B 42'22	
	-1053 Jan 17 j 04:43	0° \approx			-1051 Sep 09 j 05:45	0° Ω	
	-1053 Feb 10 j 09:00	0° H			-1051 Oct 03 j 19:35	0° $\mathring{\text{M}}$	
	-1053 Mar 06 j 19:11	0° Υ			-1051 Oct 27 j 22:22	0° $\underline{\text{A}}$	
asc. node	-1053 Mar 15 j 23:47	11° Υ 11'08			-1051 Nov 20 j 20:38	0° $\mathring{\text{M}}$	
	-1053 Mar 31 j 13:44	0° B			-1051 Dec 14 j 18:22	0° A	
	-1053 Apr 25 j 19:51	0° II		desc. node	-1051 Dec 20 j 09:41	7° A 04'01	
	-1053 May 21 j 19:36	0° B		morning set	-1050 Jan 01 j 11:22	22° A 10'50	
	-1053 Jun 18 j 04:24	0° Ω			-1050 Jan 07 j 17:30	0° B	
evening max el	-1053 Jul 05 j 08:42	17° Ω 20'55	45°53'38		-1050 Jan 31 j 18:50	0° \approx	
desc. node	-1053 Jul 05 j 14:21	17° Ω 34'29					
	-1053 Jul 19 j 09:40	0° $\mathring{\text{M}}$		superior conj	-1050 Feb 11 j 09:35	13° \approx 11'35	-1°-24'-34
greatest brilliancy	-1053 Aug 12 j 23:41	15° $\mathring{\text{M}}$ 36'32	-4.6m	minimum elong	-1050 Feb 11 j 07:25	13° \approx 04'50	1°24'36
retrograde	-1053 Aug 23 j 13:47	17° $\mathring{\text{M}}$ 37'24		max. Earth dist.	-1050 Feb 15 j 08:29	18° \approx 06'02	1.72449 AU
evening set	-1053 Sep 10 j 04:16	11° $\mathring{\text{M}}$ 49'15			-1050 Feb 24 j 22:52	0° H	
inferior conj	-1053 Sep 13 j 09:21	9° $\mathring{\text{M}}$ 53'30	-8°-24'-35		-1050 Mar 21 j 06:06	0° Υ	
minimum elong	-1053 Sep 13 j 16:13	9° $\mathring{\text{M}}$ 43'05	8°23'53	evening rise	-1050 Mar 22 j 04:25	1° Υ 08'41	
min. Earth dist.	-1053 Sep 14 j 02:47	9° $\mathring{\text{M}}$ 27'01	0.27272 AU	asc. node	-1050 Apr 12 j 11:50	27° Υ 17'38	
morning rise	-1053 Sep 17 j 03:58	7° $\mathring{\text{M}}$ 37'49			-1050 Apr 14 j 16:55	0° B	
direct	-1053 Oct 04 j 06:08	2° $\mathring{\text{M}}$ 03'10			-1050 May 09 j 07:36	0° II	
greatest brilliancy	-1053 Oct 17 j 21:56	5° $\mathring{\text{M}}$ 30'02	-4.7m		-1050 Jun 03 j 02:49	0° B	
asc. node	-1053 Oct 26 j 16:23	10° $\mathring{\text{M}}$ 36'41			-1050 Jun 28 j 04:25	0° Ω	
	-1053 Nov 18 j 10:07	0° $\underline{\text{A}}$			-1050 Jul 23 j 16:29	0° $\mathring{\text{M}}$	
morning max el	-1053 Nov 24 j 02:50	5° $\underline{\text{A}}$ 42'54	46°55'19	desc. node	-1050 Aug 02 j 02:07	10° $\mathring{\text{M}}$ 51'46	
	-1053 Dec 16 j 13:18	0° $\mathring{\text{M}}$			-1050 Aug 18 j 23:50	0° $\underline{\text{A}}$	
	-1052 Jan 11 j 11:54	0° A			-1050 Sep 16 j 03:31	0° $\mathring{\text{M}}$	
	-1052 Feb 05 j 17:13	0° B		evening max el	-1050 Sep 16 j 23:07	0° $\mathring{\text{M}}$ 48'56	47°10'54
desc. node	-1052 Feb 15 j 07:19	11° B 30'34			-1050 Oct 23 j 11:29	0° A	
	-1052 Mar 01 j 15:45	0° \approx		greatest brilliancy	-1050 Oct 25 j 23:49	1° A 07'22	-4.7m
	-1052 Mar 26 j 11:06	0° H		retrograde	-1050 Nov 06 j 11:50	3° A 36'14	
	-1052 Apr 20 j 04:20	0° Υ			-1050 Nov 19 j 21:30	30° $\mathring{\text{M}}$	
	-1052 May 14 j 19:20	0° B		evening set	-1050 Nov 20 j 20:25	29° $\mathring{\text{M}}$ 30'01	
morning set	-1052 May 25 j 23:01	13° B 38'12		asc. node	-1050 Nov 23 j 04:17	28° $\mathring{\text{M}}$ 11'37	
asc. node	-1052 Jun 07 j 09:33	28° B 53'12		min. Earth dist.	-1050 Nov 26 j 14:05	26° $\mathring{\text{M}}$ 08'20	0.26398 AU
	-1052 Jun 08 j 07:18	0° II		inferior conj	-1050 Nov 27 j 01:16	25° $\mathring{\text{M}}$ 51'10	1°00'10
max. Earth dist.	-1052 Jun 27 j 13:51	23° II 44'05	1.73152 AU	minimum elong	-1050 Nov 26 j 23:01	25° $\mathring{\text{M}}$ 54'38	0°59'25
				morning rise	-1050 Dec 03 j 01:57	22° $\mathring{\text{M}}$ 18'54	
superior conj	-1052 Jul 01 j 02:53	28° II 06'37	0°52'08	direct	-1050 Dec 17 j 07:35	18° $\mathring{\text{M}}$ 15'47	
minimum elong	-1052 Jun 30 j 18:31	27° II 40'47	0°51'50	greatest brilliancy	-1050 Dec 28 j 16:00	20° $\mathring{\text{M}}$ 40'17	-4.7m
	-1052 Jul 02 j 15:34	0° B			-1049 Jan 13 j 07:11	0° A	
	-1052 Jul 26 j 20:22	0° Ω		morning max el	-1049 Feb 05 j 06:29	20° A 24'38	46°32'00
evening rise	-1052 Aug 06 j 04:28	12° Ω 51'11			-1049 Feb 14 j 16:41	0° B	
	-1052 Aug 19 j 22:59	0° $\mathring{\text{M}}$			-1049 Mar 14 j 05:54	0° \approx	
	-1052 Sep 13 j 01:10	0° $\underline{\text{A}}$		desc. node	-1049 Mar 14 j 19:07	0° \approx 37'11	
desc. node	-1052 Sep 27 j 00:03	17° $\underline{\text{A}}$ 21'10			-1049 Apr 09 j 10:31	0° H	
	-1052 Oct 07 j 04:28	0° $\mathring{\text{M}}$			-1049 May 04 j 23:57	0° Υ	
	-1052 Oct 31 j 10:14	0° A			-1049 May 30 j 03:37	0° B	
	-1052 Nov 24 j 20:52	0° B			-1049 Jun 23 j 23:04	0° II	
	-1052 Dec 19 j 18:07	0° \approx		asc. node	-1049 Jul 05 j 21:19	14° II 33'57	
	-1051 Jan 14 j 15:08	0° H			-1049 Jul 18 j 10:41	0° B	
asc. node	-1051 Jan 18 j 01:58	3° H 51'15		morning set	-1049 Aug 02 j 19:21	19° B 00'30	
evening max el	-1051 Feb 09 j 12:57	27° H 33'58	46°00'13		-1049 Aug 11 j 15:23	0° Ω	
	-1051 Feb 12 j 00:37	0° Υ			-1049 Sep 04 j 15:07	0° $\mathring{\text{M}}$	
greatest brilliancy	-1051 Mar 16 j 01:17	24° Υ 45'32	-4.5m	max. Earth dist.	-1049 Sep 06 j 07:55	2° $\mathring{\text{M}}$ 07'57	1.71574 AU

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

superior conj	-1049 Sep 09 j 06:12	5° $\overline{\text{m}}$ 48'28	1°21'25	direct	-1046 Feb 28 j 23:33	1° \approx 48'38	
minimum elong	-1049 Sep 09 j 11:27	6° $\overline{\text{m}}$ 04'57	1°21'21	greatest brilliancy	-1046 Mar 11 j 22:45	4° \approx 00'44	-4.5m
	-1049 Sep 28 j 12:22	0° $\underline{\text{u}}$		desc. node	-1046 Apr 11 j 06:58	24° \approx 55'25	
evening rise	-1049 Oct 19 j 03:06	25° $\underline{\text{u}}$ 54'37			-1046 Apr 16 j 19:18	0° H	
	-1049 Oct 22 j 09:15	0° $\overline{\text{m}}$		morning max el	-1046 Apr 18 j 23:52	2° H 04'50	45°53'31
desc. node	-1049 Oct 25 j 12:08	3° $\overline{\text{m}}$ 55'01			-1046 May 16 j 03:10	0° Y	
	-1049 Nov 15 j 07:14	0° $\overline{\text{x}}$			-1046 Jun 11 j 23:58	0° B	
	-1049 Dec 09 j 07:28	0° $\overline{\text{z}}$			-1046 Jul 07 j 17:43	0° II	
	-1048 Jan 02 j 11:50	0° \approx			-1046 Aug 01 j 17:43	0° $\overline{\text{z}}$	
	-1048 Jan 26 j 23:50	0° H		asc. node	-1046 Aug 02 j 09:09	0° $\overline{\text{z}}$ 46'55	
asc. node	-1048 Feb 15 j 13:50	23° H 30'57			-1046 Aug 26 j 04:33	0° Ω	
	-1048 Feb 21 j 01:30	0° Y			-1046 Sep 19 j 06:15	0° $\overline{\text{m}}$	
	-1048 Mar 18 j 03:35	0° B			-1046 Oct 13 j 02:56	0° $\underline{\text{u}}$	
	-1048 Apr 15 j 08:33	0° II		morning set	-1046 Oct 13 j 21:10	0° $\underline{\text{u}}$ 57'25	
evening max el	-1048 Apr 21 j 02:39	5° II 36'46	45°15'09		-1046 Nov 05 j 22:04	0° $\overline{\text{m}}$	
	-1048 May 22 j 04:35	0° $\overline{\text{z}}$		desc. node	-1046 Nov 21 j 23:57	20° $\overline{\text{m}}$ 15'07	
greatest brilliancy	-1048 May 26 j 02:42	1° $\overline{\text{z}}$ 55'03	-4.5m				
desc. node	-1048 Jun 06 j 04:33	4° $\overline{\text{z}}$ 57'50		superior conj	-1046 Nov 23 j 23:25	22° $\overline{\text{m}}$ 44'30	0°-4'-42
retrograde	-1048 Jun 08 j 13:12	5° $\overline{\text{z}}$ 04'13		minimum elong	-1046 Nov 23 j 22:08	22° $\overline{\text{m}}$ 40'27	0°04'40
evening set	-1048 Jun 24 j 00:16	0° $\overline{\text{z}}$ 31'53		behind sun begin	-1046 Nov 22 j 20:11	21° $\overline{\text{m}}$ 18'46	
	-1048 Jun 24 j 23:11	30° $\overline{\text{R}}$ II		behind sun end	-1046 Nov 25 j 00:06	24° $\overline{\text{m}}$ 02'09	
inferior conj	-1048 Jun 29 j 22:37	27° II 01'04	-5°-12'-37	max. Earth dist.	-1046 Nov 26 j 18:03	26° $\overline{\text{m}}$ 14'07	1.71058 AU
minimum elong	-1048 Jun 29 j 13:02	27° II 15'51	5°10'22		-1046 Nov 29 j 17:53	0° $\overline{\text{x}}$	
min. Earth dist.	-1048 Jun 30 j 04:04	26° II 52'40	0.28667 AU		-1046 Dec 23 j 15:30	0° $\overline{\text{z}}$	
morning rise	-1048 Jul 05 j 01:22	23° II 56'13		evening rise	-1045 Jan 04 j 21:26	15° $\overline{\text{z}}$ 19'29	
direct	-1048 Jul 21 j 12:20	18° II 47'25			-1045 Jan 16 j 15:47	0° \approx	
greatest brilliancy	-1048 Aug 05 j 02:20	22° II 30'00	-4.5m		-1045 Feb 09 j 20:07	0° H	
	-1048 Aug 17 j 07:54	0° $\overline{\text{z}}$			-1045 Mar 06 j 06:32	0° Y	
morning max el	-1048 Sep 09 j 08:30	20° $\overline{\text{z}}$ 14'14	46°26'33	asc. node	-1045 Mar 15 j 01:57	10° Y 43'00	
	-1048 Sep 18 j 20:57	0° Ω			-1045 Mar 31 j 01:32	0° B	
asc. node	-1048 Sep 27 j 06:47	9° Ω 03'51			-1045 Apr 25 j 08:31	0° II	
	-1048 Oct 15 j 18:09	0° $\overline{\text{m}}$			-1045 May 21 j 10:00	0° $\overline{\text{z}}$	
	-1048 Nov 09 j 22:50	0° $\underline{\text{u}}$			-1045 Jun 17 j 22:46	0° Ω	
	-1048 Dec 04 j 11:20	0° $\overline{\text{m}}$		evening max el	-1045 Jul 02 j 22:54	15° Ω 03'48	45°51'08
	-1048 Dec 28 j 18:11	0° $\overline{\text{x}}$		desc. node	-1045 Jul 04 j 16:22	16° Ω 42'34	
desc. node	-1047 Jan 16 j 21:32	23° $\overline{\text{x}}$ 40'48			-1045 Jul 19 j 19:35	0° $\overline{\text{m}}$	
	-1047 Jan 22 j 00:09	0° $\overline{\text{z}}$		greatest brilliancy	-1045 Aug 10 j 11:48	13° $\overline{\text{m}}$ 14'18	-4.6m
	-1047 Feb 15 j 07:01	0° \approx		retrograde	-1045 Aug 21 j 02:12	15° $\overline{\text{m}}$ 15'03	
	-1047 Mar 11 j 15:11	0° H		evening set	-1045 Sep 07 j 19:20	9° $\overline{\text{m}}$ 24'02	
morning set	-1047 Mar 16 j 15:53	6° H 11'27		inferior conj	-1045 Sep 10 j 22:30	7° $\overline{\text{m}}$ 30'51	-8°-31'-12
	-1047 Apr 05 j 00:35	0° Y		minimum elong	-1045 Sep 11 j 04:36	7° $\overline{\text{m}}$ 21'34	8°30'40
				min. Earth dist.	-1045 Sep 11 j 15:42	7° $\overline{\text{m}}$ 04'38	0.27329 AU
superior conj	-1047 Apr 22 j 19:39	21° Y 51'23	0°-39'-1	morning rise	-1045 Sep 14 j 13:40	5° $\overline{\text{m}}$ 19'51	
minimum elong	-1047 Apr 23 j 02:55	22° Y 13'41	0°38'43		-1045 Sep 27 j 18:25	30° $\overline{\text{R}}$ Ω	
max. Earth dist.	-1047 Apr 22 j 22:28	22° Y 00'01	1.73628 AU	direct	-1045 Oct 01 j 20:03	29° Ω 39'49	
	-1047 Apr 29 j 10:51	0° B			-1045 Oct 05 j 23:08	0° $\overline{\text{m}}$	
asc. node	-1047 May 09 j 23:46	12° B 56'06		greatest brilliancy	-1045 Oct 15 j 11:57	3° $\overline{\text{m}}$ 06'07	-4.7m
	-1047 May 23 j 21:20	0° II		asc. node	-1045 Oct 25 j 18:31	9° $\overline{\text{m}}$ 15'32	
evening rise	-1047 May 29 j 01:18	6° II 20'29			-1045 Nov 18 j 10:26	0° $\underline{\text{u}}$	
	-1047 Jun 17 j 07:38	0° $\overline{\text{z}}$		morning max el	-1045 Nov 21 j 15:54	3° $\underline{\text{u}}$ 16'08	46°55'02
	-1047 Jul 11 j 18:02	0° Ω			-1045 Dec 16 j 06:11	0° $\overline{\text{m}}$	
	-1047 Aug 05 j 05:47	0° $\overline{\text{m}}$			-1044 Jan 11 j 02:08	0° $\overline{\text{x}}$	
desc. node	-1047 Aug 29 j 14:10	29° $\overline{\text{m}}$ 39'52			-1044 Feb 05 j 06:05	0° $\overline{\text{z}}$	
	-1047 Aug 29 j 20:49	0° $\underline{\text{u}}$		desc. node	-1044 Feb 14 j 09:23	10° $\overline{\text{z}}$ 59'08	
	-1047 Sep 23 j 17:47	0° $\overline{\text{m}}$			-1044 Mar 01 j 03:45	0° \approx	
	-1047 Oct 19 j 01:56	0° $\overline{\text{x}}$			-1044 Mar 25 j 22:31	0° H	
	-1047 Nov 14 j 11:53	0° $\overline{\text{z}}$			-1044 Apr 19 j 15:22	0° Y	
evening max el	-1047 Nov 27 j 22:26	14° $\overline{\text{z}}$ 16'19	47°16'31		-1044 May 14 j 06:07	0° B	
	-1047 Dec 14 j 09:12	0° \approx		morning set	-1044 May 23 j 17:33	11° B 35'15	
asc. node	-1047 Dec 20 j 16:09	5° \approx 14'03		asc. node	-1044 Jun 06 j 11:32	28° B 26'31	
greatest brilliancy	-1046 Jan 04 j 00:23	14° \approx 32'11	-4.6m		-1044 Jun 07 j 17:58	0° II	
retrograde	-1046 Jan 17 j 23:01	18° \approx 08'47		max. Earth dist.	-1044 Jun 25 j 08:02	21° II 39'14	1.73196 AU
evening set	-1046 Feb 04 j 13:00	12° \approx 03'58					
min. Earth dist.	-1046 Feb 07 j 06:10	10° \approx 22'14	0.28166 AU	superior conj	-1044 Jun 28 j 21:17	26° II 02'19	0°49'38
inferior conj	-1046 Feb 08 j 00:40	9° \approx 52'57	8°29'03	minimum elong	-1044 Jun 28 j 13:08	25° II 37'08	0°49'20
minimum elong	-1046 Feb 07 j 21:45	9° \approx 57'35	8°28'55		-1044 Jul 02 j 02:14	0° $\overline{\text{z}}$	
morning rise	-1046 Feb 11 j 06:46	7° \approx 51'02			-1044 Jul 26 j 07:08	0° Ω	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening rise	-1044 Aug 03 j 21:26	10°Ω40'58			-1041 Feb 14 j 12:16	0°Ξ		
	-1044 Aug 19 j 09:56	0°ϯ		desc. node	-1041 Mar 13 j 21:21	0°≈01'13		
	-1044 Sep 12 j 12:22	0°Ω			-1041 Mar 13 j 20:55	0°≈		
desc. node	-1044 Sep 26 j 02:15	16°Ω52'48			-1041 Apr 08 j 23:34	0°ϥ		
	-1044 Oct 06 j 15:58	0°ℳ			-1041 May 04 j 11:55	0°ϣ		
	-1044 Oct 30 j 22:08	0°ϯ			-1041 May 29 j 14:58	0°ϣ		
	-1044 Nov 24 j 09:23	0°Ξ			-1041 Jun 23 j 10:01	0°Π		
	-1044 Dec 19 j 07:41	0°≈		asc. node	-1041 Jul 04 j 23:23	14°Π06'58		
	-1043 Jan 14 j 07:01	0°ϥ			-1041 Jul 17 j 21:27	0°Ω		
asc. node	-1043 Jan 17 j 03:58	3°ϥ11'37		morning set	-1041 Jul 31 j 11:50	16°Ω49'20		
evening max el	-1043 Feb 07 j 03:34	25°ϥ18'14	46°02'46		-1041 Aug 11 j 02:07	0°Ω		
	-1043 Feb 11 j 23:36	0°ϣ		max. Earth dist.	-1041 Sep 03 j 21:52	29°Ω47'18	1.71627 AU	
greatest brilliancy	-1043 Mar 13 j 18:41	22°ϣ38'06	-4.5m		-1041 Sep 04 j 01:55	0°ϯ		
retrograde	-1043 Mar 28 j 11:28	26°ϣ27'02						
evening set	-1043 Apr 13 j 12:34	21°ϣ29'02		superior conj	-1041 Sep 06 j 20:33	3°ϯ28'58	1°22'16	
inferior conj	-1043 Apr 18 j 22:13	18°ϣ10'16	4°23'09	minimum elong	-1041 Sep 07 j 01:02	3°ϯ43'03	1°22'15	
minimum elong	-1043 Apr 19 j 06:25	17°ϣ57'16	4°21'09		-1041 Sep 27 j 23:16	0°Ω		
min. Earth dist.	-1043 Apr 19 j 05:45	17°ϣ58'19	0.29073 AU	evening rise	-1041 Oct 16 j 13:43	23°Ω22'36		
morning rise	-1043 Apr 25 j 00:20	14°ϣ27'58			-1041 Oct 21 j 20:18	0°ℳ		
desc. node	-1043 May 08 j 18:38	9°ϣ53'11		desc. node	-1041 Oct 24 j 14:09	3°ℳ26'39		
direct	-1043 May 10 j 14:00	9°ϣ49'23			-1041 Nov 14 j 18:25	0°ϯ		
greatest brilliancy	-1043 May 23 j 20:25	12°ϣ54'01	-4.5m		-1041 Dec 08 j 18:49	0°Ξ		
	-1043 Jun 17 j 20:56	0°ϣ			-1040 Jan 01 j 23:24	0°≈		
morning max el	-1043 Jun 28 j 09:23	9°ϣ35'59	45°49'46		-1040 Jan 26 j 11:49	0°ϥ		
	-1043 Jul 18 j 11:00	0°Π		asc. node	-1040 Feb 14 j 16:01	23°ϥ00'04		
	-1043 Aug 14 j 08:54	0°Ω			-1040 Feb 20 j 14:22	0°ϣ		
asc. node	-1043 Aug 29 j 21:04	18°Ω10'25			-1040 Mar 17 j 18:26	0°ϣ		
	-1043 Sep 08 j 18:13	0°Ω			-1040 Apr 15 j 04:59	0°Π		
	-1043 Oct 03 j 07:23	0°ϯ		evening max el	-1040 Apr 18 j 18:54	3°Π28'02	45°15'26	
	-1043 Oct 27 j 09:49	0°Ω		greatest brilliancy	-1040 May 23 j 15:18	29°Π41'52	-4.5m	
	-1043 Nov 20 j 07:51	0°ℳ			-1040 May 24 j 08:02	0°Ω		
	-1043 Dec 14 j 05:24	0°ϯ		desc. node	-1040 Jun 05 j 06:35	2°Ω53'17		
desc. node	-1043 Dec 19 j 11:41	6°ϯ35'50		retrograde	-1040 Jun 06 j 05:22	2°Ω54'19		
morning set	-1043 Dec 29 j 21:33	19°ϯ38'16			-1040 Jun 18 j 10:19	30°RΠ		
	-1042 Jan 07 j 04:24	0°Ξ		evening set	-1040 Jun 21 j 13:56	28°Π24'24		
	-1042 Jan 31 j 05:39	0°≈		inferior conj	-1040 Jun 27 j 14:22	24°Π50'27	-4°-56'-1	
				minimum elong	-1040 Jun 27 j 05:04	25°Π04'48	4°53'46	
superior conj	-1042 Feb 08 j 22:48	10°≈50'09	-1°-24'-9	min. Earth dist.	-1040 Jun 27 j 19:23	24°Π42'43	0.28696 AU	
minimum elong	-1042 Feb 08 j 19:43	10°≈40'34	1°24'09	morning rise	-1040 Jul 02 j 19:50	21°Π41'53		
max. Earth dist.	-1042 Feb 12 j 22:47	15°≈48'07	1.72392 AU	direct	-1040 Jul 19 j 04:53	16°Π36'22		
	-1042 Feb 24 j 09:37	0°ϥ		greatest brilliancy	-1040 Aug 02 j 18:29	20°Π19'01	-4.5m	
evening rise	-1042 Mar 19 j 20:02	28°ϥ55'58			-1040 Aug 17 j 21:56	0°Ω		
	-1042 Mar 20 j 16:51	0°ϣ		morning max el	-1040 Sep 07 j 00:38	18°Ω00'59	46°24'59	
asc. node	-1042 Apr 11 j 13:54	26°ϣ50'56			-1040 Sep 18 j 15:43	0°Ω		
	-1042 Apr 14 j 03:45	0°ϣ		asc. node	-1040 Sep 26 j 08:56	8°Ω22'37		
	-1042 May 08 j 18:41	0°Π			-1040 Oct 15 j 08:56	0°ϯ		
	-1042 Jun 02 j 14:23	0°Ω			-1040 Nov 09 j 12:02	0°Ω		
	-1042 Jun 27 j 16:50	0°Ω			-1040 Dec 03 j 23:40	0°ℳ		
	-1042 Jul 23 j 06:21	0°ϯ			-1040 Dec 28 j 06:00	0°ϯ		
desc. node	-1042 Aug 01 j 04:13	10°ϯ15'57		desc. node	-1039 Jan 15 j 23:36	23°ϯ11'31		
	-1042 Aug 18 j 16:25	0°Ω			-1039 Jan 21 j 11:36	0°Ξ		
evening max el	-1042 Sep 14 j 11:24	28°Ω21'46	47°08'54		-1039 Feb 14 j 18:09	0°≈		
	-1042 Sep 16 j 03:07	0°ℳ			-1039 Mar 11 j 02:03	0°ϥ		
greatest brilliancy	-1042 Oct 23 j 14:45	28°ℳ40'35	-4.7m	morning set	-1039 Mar 14 j 07:48	3°ϥ59'21		
	-1042 Oct 27 j 10:01	0°ϯ			-1039 Apr 04 j 11:17	0°ϣ		
retrograde	-1042 Nov 04 j 00:05	1°ϯ07'04						
	-1042 Nov 11 j 08:52	30°Rℳ		superior conj	-1039 Apr 20 j 13:36	19°ϣ46'23	0°-41'-48	
evening set	-1042 Nov 18 j 09:04	27°ℳ00'33		minimum elong	-1039 Apr 20 j 21:16	20°ϣ09'56	0°41'29	
asc. node	-1042 Nov 22 j 06:15	24°ℳ47'08		max. Earth dist.	-1039 Apr 20 j 21:51	20°ϣ11'42	1.73614 AU	
min. Earth dist.	-1042 Nov 24 j 04:09	23°ℳ37'20	0.26375 AU		-1039 Apr 28 j 21:30	0°ϣ		
inferior conj	-1042 Nov 24 j 13:36	23°ℳ22'53	0°35'53	asc. node	-1039 May 09 j 01:45	12°ϣ29'26		
minimum elong	-1042 Nov 24 j 12:14	23°ℳ24'57	0°35'25		-1039 May 23 j 08:04	0°Π		
morning rise	-1042 Nov 30 j 15:38	19°ℳ49'04		evening rise	-1039 May 26 j 20:41	4°Π19'45		
direct	-1042 Dec 14 j 19:14	15°ℳ47'30			-1039 Jun 16 j 18:32	0°Ω		
greatest brilliancy	-1042 Dec 26 j 07:04	18°ℳ15'30	-4.7m		-1039 Jul 11 j 05:14	0°Ω		
	-1041 Jan 13 j 23:13	0°ϯ			-1039 Aug 04 j 17:27	0°ϯ		
morning max el	-1041 Feb 02 j 19:48	18°ϯ01'37	46°33'33	desc. node	-1039 Aug 28 j 16:20	29°ϯ09'04		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1039 Aug 29 j 09:09	0°♄				-1036 Jan 10 j 16:27	0°♄		
	-1039 Sep 23 j 07:09	0°♍				-1036 Feb 04 j 19:05	0°♅		
	-1039 Oct 18 j 17:01	0°♊		desc. node		-1036 Feb 13 j 11:32	10°♅27'24		
	-1039 Nov 14 j 06:35	0°♉				-1036 Feb 29 j 15:57	0°♊		
evening max el	-1039 Nov 25 j 14:45	11°♉58'54	47°18'05			-1036 Mar 25 j 10:10	0°♋		
	-1039 Dec 14 j 17:50	0°♊				-1036 Apr 19 j 02:38	0°♌		
asc. node	-1039 Dec 19 j 18:16	4°♊01'49				-1036 May 13 j 17:08	0°♍		
greatest brilliancy	-1038 Jan 01 j 17:45	12°♊15'46	-4.6m	morning set		-1036 May 21 j 12:17	9°♍32'17		
retrograde	-1038 Jan 15 j 15:09	15°♊50'14		asc. node		-1036 Jun 05 j 13:39	27°♍59'39		
evening set	-1038 Feb 02 j 02:16	9°♋48'58				-1036 Jun 07 j 04:50	0°♎		
min. Earth dist.	-1038 Feb 04 j 19:56	8°♋06'27	0.28098 AU	max. Earth dist.		-1036 Jun 23 j 03:51	19°♎38'52	1.73239 AU	
inferior conj	-1038 Feb 05 j 15:46	7°♋35'03	8°26'07						
minimum elong	-1038 Feb 05 j 12:05	7°♋40'52	8°25'54	superior conj		-1036 Jun 26 j 16:02	23°♎58'33	0°47'07	
morning rise	-1038 Feb 08 j 22:15	5°♋32'40		minimum elong		-1036 Jun 26 j 08:07	23°♎34'05	0°46'48	
	-1038 Feb 21 j 19:48	30°♋♅				-1036 Jul 01 j 13:06	0°♏		
direct	-1038 Feb 26 j 14:27	29°♋32'09				-1036 Jul 25 j 18:07	0°♐		
	-1038 Mar 03 j 12:00	0°♋		evening rise		-1036 Aug 01 j 14:51	8°♐31'38		
greatest brilliancy	-1038 Mar 09 j 10:13	1°♋41'28	-4.5m			-1036 Aug 18 j 21:08	0°♑		
desc. node	-1038 Apr 10 j 08:56	24°♋00'41				-1036 Sep 11 j 23:52	0°♒		
morning max el	-1038 Apr 16 j 15:13	29°♋52'18	45°54'27	desc. node		-1036 Sep 25 j 04:16	16°♒22'48		
	-1038 Apr 16 j 18:25	0°♋				-1036 Oct 06 j 03:49	0°♓		
	-1038 May 15 j 19:03	0°♌				-1036 Oct 30 j 10:25	0°♄		
	-1038 Jun 11 j 13:21	0°♍				-1036 Nov 23 j 22:18	0°♅		
asc. node	-1038 Jul 07 j 05:55	0°♎				-1036 Dec 18 j 21:44	0°♆		
	-1038 Aug 01 j 11:18	0°♏18'11				-1035 Jan 13 j 23:33	0°♋		
	-1038 Aug 01 j 05:19	0°♏		asc. node		-1035 Jan 16 j 06:09	2°♋30'59		
	-1038 Aug 25 j 15:51	0°♐		evening max el		-1035 Feb 04 j 17:39	22°♋59'58	46°05'24	
	-1038 Sep 18 j 17:24	0°♑				-1035 Feb 12 j 00:07	0°♌		
morning set	-1038 Oct 11 j 09:22	28°♑29'42		greatest brilliancy		-1035 Mar 11 j 10:59	20°♌27'57	-4.5m	
	-1038 Oct 12 j 14:02	0°♒		retrograde		-1035 Mar 26 j 03:54	24°♌18'08		
	-1038 Nov 05 j 09:11	0°♓		evening set		-1035 Apr 11 j 07:36	19°♌16'18		
				inferior conj		-1035 Apr 16 j 14:55	16°♌01'03	4°39'37	
superior conj	-1038 Nov 21 j 08:34	20°♓07'13	0°00'-39	minimum elong		-1035 Apr 16 j 23:26	15°♌47'34	4°37'35	
minimum elong	-1038 Nov 21 j 08:23	20°♓06'40	0°00'40	min. Earth dist.		-1035 Apr 16 j 22:33	15°♌48'57	0.29069 AU	
behind sun begin	-1038 Nov 20 j 05:39	18°♓42'32		morning rise		-1035 Apr 22 j 15:15	12°♌21'02		
behind sun end	-1038 Nov 22 j 11:07	21°♓30'48		desc. node		-1035 May 07 j 20:41	7°♌40'13		
desc. node	-1038 Nov 21 j 01:56	19°♓46'18		direct		-1035 May 08 j 05:43	7°♌40'03		
max. Earth dist.	-1038 Nov 24 j 00:55	23°♓29'40	1.71038 AU	greatest brilliancy		-1035 May 21 j 11:53	10°♌43'51	-4.5m	
	-1038 Nov 29 j 05:02	0°♄				-1035 Jun 18 j 00:15	0°♍		
	-1038 Dec 23 j 02:40	0°♅		morning max el		-1035 Jun 26 j 01:03	7°♍24'54	45°49'19	
evening rise	-1037 Jan 02 j 07:40	12°♅46'31				-1035 Jul 18 j 03:56	0°♎		
	-1037 Jan 16 j 02:59	0°♆				-1035 Aug 13 j 22:51	0°♏		
	-1037 Feb 09 j 07:24	0°♋		asc. node		-1035 Aug 28 j 23:11	17°♏37'47		
	-1037 Mar 05 j 18:01	0°♌				-1035 Sep 08 j 06:54	0°♐		
asc. node	-1037 Mar 14 j 04:04	10°♌14'14				-1035 Oct 02 j 19:28	0°♑		
	-1037 Mar 30 j 13:27	0°♍				-1035 Oct 26 j 21:35	0°♒		
	-1037 Apr 24 j 21:20	0°♎				-1035 Nov 19 j 19:27	0°♓		
	-1037 May 21 j 00:36	0°♏				-1035 Dec 13 j 16:51	0°♄		
	-1037 Jun 17 j 17:41	0°♐		desc. node		-1035 Dec 18 j 13:53	6°♐06'50		
evening max el	-1037 Jun 30 j 12:19	12°♐44'32	45°48'31	morning set		-1035 Dec 27 j 07:10	17°♐02'28		
desc. node	-1037 Jul 03 j 18:28	15°♐49'30				-1034 Jan 06 j 15:44	0°♑		
	-1037 Jul 20 j 09:05	0°♑				-1034 Jan 30 j 16:52	0°♒		
greatest brilliancy	-1037 Aug 08 j 00:22	10°♑52'13	-4.6m						
retrograde	-1037 Aug 18 j 14:14	12°♑52'35		superior conj		-1034 Feb 06 j 11:26	8°♑25'32	-1°23'-34	
evening set	-1037 Sep 05 j 10:07	6°♑59'03		minimum elong		-1034 Feb 06 j 07:24	8°♑13'01	1°23'33	
inferior conj	-1037 Sep 08 j 11:45	5°♑08'02	-8°-36'-51	max. Earth dist.		-1034 Feb 10 j 10:33	13°♑20'57	1.72334 AU	
minimum elong	-1037 Sep 08 j 17:01	4°♑59'59	8°36'28			-1034 Feb 23 j 20:47	0°♋		
min. Earth dist.	-1037 Sep 09 j 05:04	4°♑41'36	0.27391 AU	evening rise		-1034 Mar 17 j 11:18	26°♋40'50		
morning rise	-1037 Sep 11 j 23:43	3°♑01'24				-1034 Mar 20 j 04:00	0°♌		
	-1037 Sep 17 j 16:58	30°♑♒		asc. node		-1034 Apr 10 j 15:55	26°♌22'41		
direct	-1037 Sep 29 j 09:36	27°♒15'58				-1034 Apr 13 j 15:01	0°♍		
	-1037 Oct 11 j 12:59	0°♑				-1034 May 08 j 06:12	0°♎		
greatest brilliancy	-1037 Oct 13 j 02:59	0°♑42'54	-4.7m			-1034 Jun 02 j 02:24	0°♏		
asc. node	-1037 Oct 24 j 20:29	7°♑55'51				-1034 Jun 27 j 05:42	0°♐		
	-1037 Nov 18 j 09:58	0°♒				-1034 Jul 22 j 20:41	0°♑		
morning max el	-1037 Nov 19 j 04:32	0°♒47'24	46°54'48	desc. node		-1034 Jul 31 j 06:24	9°♑39'12		
	-1037 Dec 15 j 22:59	0°♓				-1034 Aug 18 j 09:38	0°♒		

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 74

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening max el	-1034 Sep 12 j 00:20	25°♄55'37	47°06'47			-1031 Jan 20 j 23:17	0°♁	
	-1034 Sep 16 j 04:12	0°♄				-1031 Feb 14 j 05:33	0°♁	
greatest brilliancy	-1034 Oct 21 j 04:23	26°♄11'07	-4.7m			-1031 Mar 10 j 13:14	0°♁	
retrograde	-1034 Nov 01 j 12:34	28°♄36'28		morning set		-1031 Mar 11 j 23:12	1°♁44'34	
evening set	-1034 Nov 15 j 21:48	24°♄29'05				-1031 Apr 03 j 22:19	0°♁	
asc. node	-1034 Nov 21 j 08:25	21°♄19'13						
min. Earth dist.	-1034 Nov 21 j 17:47	21°♄04'56	0.26362 AU	superior conj		-1031 Apr 18 j 07:01	17°♁38'45	0°-44'-35
inferior conj	-1034 Nov 22 j 01:46	20°♄52'46	0°11'15	minimum elong		-1031 Apr 18 j 15:03	18°♁03'25	0°44'14
minimum elong	-1034 Nov 22 j 01:20	20°♄53'25	0°11'06	max. Earth dist.		-1031 Apr 18 j 20:50	18°♁21'10	1.73595 AU
transit middle	-1034 Nov 22 j 01:20	20°♄53'25	0°11'06			-1031 Apr 28 j 08:28	0°♁	
transit begin	-1034 Nov 21 j 22:17	20°♄58'05		asc. node		-1031 May 08 j 03:53	12°♁02'21	
transit end	-1034 Nov 22 j 04:23	20°♄48'45				-1031 May 22 j 19:05	0°♁	
morning rise	-1034 Nov 28 j 05:02	17°♄17'49		evening rise		-1031 May 24 j 15:39	2°♁16'46	
direct	-1034 Dec 12 j 07:26	13°♄17'21				-1031 Jun 16 j 05:44	0°♁	
greatest brilliancy	-1034 Dec 23 j 21:44	15°♄48'27	-4.7m			-1031 Jul 10 j 16:45	0°♁	
	-1033 Jan 14 j 11:58	0°♁				-1031 Aug 04 j 05:26	0°♁	
morning max el	-1033 Jan 31 j 10:03	15°♁39'12	46°34'59	desc. node		-1031 Aug 27 j 18:20	28°♁36'52	
	-1033 Feb 14 j 07:53	0°♁				-1031 Aug 28 j 21:49	0°♁	
desc. node	-1033 Mar 12 j 23:22	29°♁23'26				-1031 Sep 22 j 20:49	0°♁	
	-1033 Mar 13 j 12:16	0°♁				-1031 Oct 18 j 08:23	0°♁	
	-1033 Apr 08 j 12:59	0°♁				-1031 Nov 14 j 01:49	0°♁	
	-1033 May 04 j 00:16	0°♁		evening max el		-1031 Nov 23 j 06:41	9°♁40'18	47°19'33
	-1033 May 29 j 02:41	0°♁				-1031 Dec 15 j 05:27	0°♁	
	-1033 Jun 22 j 21:22	0°♁		asc. node		-1031 Dec 18 j 20:23	2°♁47'26	
asc. node	-1033 Jul 04 j 01:33	13°♁39'08		greatest brilliancy		-1031 Dec 30 j 11:36	9°♁59'51	-4.6m
	-1033 Jul 17 j 08:37	0°♁		retrograde		-1030 Jan 13 j 06:54	13°♁31'22	
morning set	-1033 Jul 29 j 04:40	14°♁38'15		evening set		-1030 Jan 30 j 15:19	7°♁34'21	
	-1033 Aug 10 j 13:13	0°♁		min. Earth dist.		-1030 Feb 02 j 10:09	5°♁49'59	0.28032 AU
max. Earth dist.	-1033 Sep 01 j 11:06	27°♁23'27	1.71673 AU	inferior conj		-1030 Feb 03 j 06:56	5°♁17'01	8°22'17
	-1033 Sep 03 j 13:02	0°♁		minimum elong		-1030 Feb 03 j 02:33	5°♁23'59	8°21'59
				morning rise		-1030 Feb 06 j 14:09	3°♁13'27	
superior conj	-1033 Sep 04 j 11:28	1°♁10'18	1°23'00			-1030 Feb 12 j 13:08	30°♁♁	
minimum elong	-1033 Sep 04 j 15:11	1°♁21'57	1°22'58	direct		-1030 Feb 24 j 05:14	27°♁15'30	
	-1033 Sep 27 j 10:28	0°♁		greatest brilliancy		-1030 Mar 06 j 22:23	29°♁22'21	-4.5m
evening rise	-1033 Oct 14 j 00:50	20°♁51'19				-1030 Mar 08 j 12:11	0°♁	
	-1033 Oct 21 j 07:38	0°♄		desc. node		-1030 Apr 09 j 11:01	23°♁06'40	
desc. node	-1033 Oct 23 j 16:12	2°♄57'29		morning max el		-1030 Apr 14 j 05:47	27°♁37'07	45°55'13
	-1033 Nov 14 j 05:55	0°♁				-1030 Apr 16 j 16:52	0°♁	
	-1033 Dec 08 j 06:31	0°♁				-1030 May 15 j 10:56	0°♁	
	-1032 Jan 01 j 11:23	0°♁				-1030 Jun 11 j 02:51	0°♁	
	-1032 Jan 26 j 00:18	0°♁				-1030 Jul 06 j 18:15	0°♁	
asc. node	-1032 Feb 13 j 18:06	22°♁27'16		asc. node		-1030 Jul 31 j 13:22	29°♁48'51	
	-1032 Feb 20 j 03:48	0°♁				-1030 Jul 31 j 17:02	0°♁	
	-1032 Mar 17 j 10:02	0°♁				-1030 Aug 25 j 03:14	0°♁	
	-1032 Apr 15 j 02:45	0°♁				-1030 Sep 18 j 04:38	0°♁	
evening max el	-1032 Apr 16 j 11:32	1°♁18'45	45°15'50	morning set		-1030 Oct 08 j 21:39	26°♁01'56	
greatest brilliancy	-1032 May 21 j 04:56	27°♁28'36	-4.5m			-1030 Oct 12 j 01:14	0°♁	
	-1032 May 28 j 15:48	0°♁				-1030 Nov 04 j 20:23	0°♄	
retrograde	-1032 Jun 03 j 21:08	0°♁42'50						
desc. node	-1032 Jun 04 j 08:45	0°♁42'33		superior conj		-1030 Nov 18 j 18:05	17°♄31'02	0°03'24
	-1032 Jun 09 j 21:45	30°♁♁		minimum elong		-1030 Nov 18 j 19:00	17°♄33'53	0°03'20
evening set	-1032 Jun 19 j 03:43	26°♁15'26		behind sun begin		-1030 Nov 17 j 16:38	16°♄10'55	
inferior conj	-1032 Jun 25 j 06:00	22°♁38'26	-4°-38'-59	behind sun end		-1030 Nov 19 j 21:21	18°♄56'51	
minimum elong	-1032 Jun 24 j 21:02	22°♁52'16	4°36'45	desc. node		-1030 Nov 20 j 04:08	19°♄18'12	
min. Earth dist.	-1032 Jun 25 j 10:41	22°♁31'10	0.28719 AU	max. Earth dist.		-1030 Nov 21 j 04:52	20°♄36'00	1.71013 AU
morning rise	-1032 Jun 30 j 14:04	19°♁26'03				-1030 Nov 28 j 16:11	0°♁	
direct	-1032 Jul 16 j 21:25	14°♁24'03				-1030 Dec 22 j 13:47	0°♁	
greatest brilliancy	-1032 Jul 31 j 09:25	18°♁05'11	-4.5m	evening rise		-1030 Dec 30 j 18:09	10°♁14'25	
	-1032 Aug 18 j 08:57	0°♁				-1029 Jan 15 j 14:07	0°♁	
morning max el	-1032 Sep 04 j 16:15	15°♁45'38	46°23'36			-1029 Feb 08 j 18:39	0°♁	
	-1032 Sep 18 j 10:20	0°♁				-1029 Mar 05 j 05:31	0°♁	
asc. node	-1032 Sep 25 j 10:53	7°♁40'26		asc. node		-1029 Mar 13 j 06:02	9°♁45'01	
	-1032 Oct 14 j 23:48	0°♁				-1029 Mar 30 j 01:27	0°♁	
	-1032 Nov 09 j 01:19	0°♁				-1029 Apr 24 j 10:17	0°♁	
	-1032 Dec 03 j 12:10	0°♄				-1029 May 20 j 15:30	0°♁	
	-1032 Dec 27 j 18:01	0°♁				-1029 Jun 17 j 13:14	0°♁	
desc. node	-1031 Jan 15 j 01:46	22°♁41'52		evening max el		-1029 Jun 28 j 00:56	10°♁23'15	45°46'05

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 75

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

desc. node	-1029 Jul 02 j 20:37	14°♌55'12			-1026 Jan 06 j 02:46	0°♊		
	-1029 Jul 21 j 03:12	0°♎			-1026 Jan 30 j 03:47	0°♋		
greatest brilliancy	-1029 Aug 05 j 12:22	8°♎29'32	-4.6m					
retrograde	-1029 Aug 16 j 02:15	10°♎30'25		superior conj	-1026 Feb 04 j 00:04	6°♋01'44	-1°-22'-48	
evening set	-1029 Sep 03 j 00:31	4°♎34'31		minimum elong	-1026 Feb 03 j 19:07	5°♋46'23	1°22'47	
inferior conj	-1029 Sep 06 j 00:59	2°♎45'19	-8°-41'-34	max. Earth dist.	-1026 Feb 07 j 21:26	10°♋51'57	1.72273 AU	
minimum elong	-1029 Sep 06 j 05:24	2°♎38'33	8°41'17		-1026 Feb 23 j 07:36	0°♋		
min. Earth dist.	-1029 Sep 06 j 18:31	2°♎18'32	0.27452 AU	evening rise	-1026 Mar 15 j 02:46	24°♋27'30		
morning rise	-1029 Sep 09 j 10:04	0°♎42'48			-1026 Mar 19 j 14:47	0°♎		
	-1029 Sep 10 j 15:31	30°♎♌		asc. node	-1026 Apr 09 j 18:07	25°♎56'15		
direct	-1029 Sep 26 j 23:00	24°♌51'59			-1026 Apr 13 j 01:53	0°♏		
greatest brilliancy	-1029 Oct 10 j 19:06	28°♌21'15	-4.7m		-1026 May 07 j 17:21	0°♐		
	-1029 Oct 13 j 23:24	0°♎			-1026 Jun 01 j 14:06	0°♑		
asc. node	-1029 Oct 23 j 22:42	6°♎39'02			-1026 Jun 26 j 18:19	0°♌		
morning max el	-1029 Nov 16 j 17:28	28°♎19'33	46°54'42		-1026 Jul 22 j 10:52	0°♎		
	-1029 Nov 18 j 08:30	0°♐		desc. node	-1026 Jul 30 j 08:21	9°♎02'19		
	-1029 Dec 15 j 15:25	0°♍			-1026 Aug 18 j 02:55	0°♐		
	-1028 Jan 10 j 06:28	0°♏		evening max el	-1026 Sep 09 j 14:19	23°♐33'03	47°04'37	
	-1028 Feb 04 j 07:49	0°♊			-1026 Sep 16 j 06:15	0°♍		
desc. node	-1028 Feb 12 j 13:34	9°♊56'01		greatest brilliancy	-1026 Oct 18 j 17:31	23°♍42'07	-4.7m	
	-1028 Feb 29 j 03:52	0°♋		retrograde	-1026 Oct 30 j 01:26	26°♍06'40		
	-1028 Mar 24 j 21:34	0°♋		evening set	-1026 Nov 13 j 10:47	21°♍58'22		
	-1028 Apr 18 j 13:42	0°♎		inferior conj	-1026 Nov 19 j 13:52	18°♍23'26	0°-13'-25	
	-1028 May 13 j 03:59	0°♏		minimum elong	-1026 Nov 19 j 14:23	18°♍22'39	0°13'16	
morning set	-1028 May 19 j 06:57	7°♏29'22		transit middle	-1026 Nov 19 j 14:23	18°♍22'39	0°13'16	
asc. node	-1028 Jun 04 j 15:49	27°♏33'17		transit begin	-1026 Nov 19 j 11:53	18°♍26'27		
	-1028 Jun 06 j 15:36	0°♐		transit end	-1026 Nov 19 j 16:53	18°♍18'51		
max. Earth dist.	-1028 Jun 21 j 00:22	17°♐40'58	1.73283 AU	min. Earth dist.	-1026 Nov 19 j 07:06	18°♍33'43	0.26349 AU	
				asc. node	-1026 Nov 20 j 10:33	17°♍51'57		
superior conj	-1028 Jun 24 j 10:37	21°♐54'37	0°44'29	morning rise	-1026 Nov 25 j 18:11	14°♍47'42		
minimum elong	-1028 Jun 24 j 02:58	21°♐30'59	0°44'11	direct	-1026 Dec 09 j 20:04	10°♍48'13		
	-1028 Jun 30 j 23:52	0°♑		greatest brilliancy	-1026 Dec 21 j 11:29	13°♍21'15	-4.7m	
	-1028 Jul 25 j 04:59	0°♌			-1025 Jan 14 j 21:02	0°♏		
evening rise	-1028 Jul 30 j 08:11	6°♌22'30		morning max el	-1025 Jan 29 j 00:42	13°♏18'47	46°36'21	
	-1028 Aug 18 j 08:13	0°♎			-1025 Feb 14 j 02:35	0°♊		
	-1028 Sep 11 j 11:15	0°♐		desc. node	-1025 Mar 12 j 01:23	28°♊47'07		
desc. node	-1028 Sep 24 j 06:18	15°♐53'20			-1025 Mar 13 j 03:00	0°♋		
	-1028 Oct 05 j 15:33	0°♍			-1025 Apr 08 j 01:53	0°♋		
	-1028 Oct 29 j 22:35	0°♏			-1025 May 03 j 12:08	0°♎		
	-1028 Nov 23 j 11:07	0°♊			-1025 May 28 j 13:55	0°♏		
	-1028 Dec 18 j 11:42	0°♋			-1025 Jun 22 j 08:15	0°♐		
	-1027 Jan 13 j 16:03	0°♋		asc. node	-1025 Jul 03 j 03:36	13°♐12'18		
asc. node	-1027 Jan 15 j 08:15	1°♋50'33			-1025 Jul 16 j 19:21	0°♑		
evening max el	-1027 Feb 02 j 08:12	20°♋43'56	46°08'17	morning set	-1025 Jul 26 j 21:43	12°♑29'10		
	-1027 Feb 12 j 01:22	0°♎			-1025 Aug 09 j 23:57	0°♌		
greatest brilliancy	-1027 Mar 09 j 02:30	18°♎18'16	-4.5m	max. Earth dist.	-1025 Aug 29 j 21:51	24°♌53'00	1.71727 AU	
retrograde	-1027 Mar 23 j 20:58	22°♎11'05						
evening set	-1027 Apr 09 j 02:55	17°♎05'07		superior conj	-1025 Sep 02 j 02:29	28°♌53'03	1°23'35	
inferior conj	-1027 Apr 14 j 07:51	13°♎53'28	4°55'30	minimum elong	-1025 Sep 02 j 05:23	29°♌02'08	1°23'33	
minimum elong	-1027 Apr 14 j 16:38	13°♎39'35	4°53'26		-1025 Sep 02 j 23:51	0°♎		
min. Earth dist.	-1027 Apr 14 j 15:16	13°♎41'44	0.29068 AU		-1025 Sep 26 j 21:23	0°♐		
morning rise	-1027 Apr 20 j 06:20	10°♎16'09		evening rise	-1025 Oct 11 j 11:45	18°♐20'18		
direct	-1027 May 05 j 21:56	5°♎32'19			-1025 Oct 20 j 18:41	0°♍		
desc. node	-1027 May 06 j 22:53	5°♎33'34		desc. node	-1025 Oct 22 j 18:23	2°♍29'39		
greatest brilliancy	-1027 May 19 j 03:52	8°♎35'50	-4.5m		-1025 Nov 13 j 17:08	0°♏		
	-1027 Jun 18 j 01:38	0°♏			-1025 Dec 07 j 17:56	0°♊		
morning max el	-1027 Jun 23 j 17:48	5°♏17'26	45°48'42		-1025 Dec 31 j 23:04	0°♋		
	-1027 Jul 17 j 20:17	0°♐			-1024 Jan 25 j 12:28	0°♋		
	-1027 Aug 13 j 12:28	0°♑		asc. node	-1024 Feb 12 j 20:07	21°♋55'14		
asc. node	-1027 Aug 28 j 01:13	17°♑05'36			-1024 Feb 19 j 16:58	0°♎		
	-1027 Sep 07 j 19:18	0°♌			-1024 Mar 17 j 01:25	0°♏		
	-1027 Oct 02 j 07:17	0°♎		evening max el	-1024 Apr 14 j 04:12	29°♏11'00	45°16'22	
	-1027 Oct 26 j 09:05	0°♐			-1024 Apr 15 j 00:46	0°♐		
	-1027 Nov 19 j 06:44	0°♍		greatest brilliancy	-1024 May 18 j 19:54	25°♐18'57	-4.5m	
	-1027 Dec 13 j 04:01	0°♏		retrograde	-1024 Jun 01 j 12:47	28°♐33'48		
desc. node	-1027 Dec 17 j 15:55	5°♏38'21		desc. node	-1024 Jun 03 j 10:48	28°♐29'33		
morning set	-1027 Dec 24 j 16:46	14°♏27'26		evening set	-1024 Jun 16 j 18:04	24°♐08'48		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

inferior conj	-1024 Jun 22 j 22:00	20°II29'05	-4°-21'-43	behind sun begin	-1022 Nov 15 j 05:20	13°ML45'12	
minimum elong	-1024 Jun 22 j 13:26	20°II42'21	4°19'32	behind sun end	-1022 Nov 17 j 05:47	16°ML17'42	
min. Earth dist.	-1024 Jun 23 j 02:34	20°II21'59	0.28741 AU	max. Earth dist.	-1022 Nov 18 j 06:25	17°ML35'14	1.71003 AU
morning rise	-1024 Jun 28 j 08:31	17°II12'53		desc. node	-1022 Nov 19 j 06:12	18°ML50'03	
direct	-1024 Jul 14 j 14:04	12°II14'30			-1022 Nov 28 j 03:13	0°X	
greatest brilliancy	-1024 Jul 28 j 23:47	15°II52'45	-4.5m		-1022 Dec 22 j 00:51	0°Z	
	-1024 Aug 18 j 16:18	0°S		evening rise	-1022 Dec 28 j 04:06	7°Z40'47	
morning max el	-1024 Sep 02 j 07:08	13°S29'59	46°21'55		-1021 Jan 15 j 01:13	0°≈	
	-1024 Sep 18 j 04:04	0°Q			-1021 Feb 08 j 05:51	0°H	
asc. node	-1024 Sep 24 j 13:06	7°Q00'33			-1021 Mar 04 j 16:58	0°Y	
	-1024 Oct 14 j 14:11	0°M		asc. node	-1021 Mar 12 j 08:15	9°Y16'45	
	-1024 Nov 08 j 14:17	0°A			-1021 Mar 29 j 13:24	0°B	
	-1024 Dec 03 j 00:22	0°ML			-1021 Apr 23 j 23:13	0°II	
	-1024 Dec 27 j 05:45	0°X			-1021 May 20 j 06:26	0°S	
desc. node	-1023 Jan 14 j 03:47	22°X12'42			-1021 Jun 17 j 09:11	0°Q	
	-1023 Jan 20 j 10:39	0°Z		evening max el	-1021 Jun 25 j 13:50	8°Q03'32	45°43'55
	-1023 Feb 13 j 16:37	0°≈		desc. node	-1021 Jul 01 j 22:39	14°Q00'12	
morning set	-1023 Mar 09 j 14:27	29°≈30'21			-1021 Jul 22 j 02:57	0°M	
	-1023 Mar 10 j 00:05	0°H		greatest brilliancy	-1021 Aug 02 j 23:35	6°M07'34	-4.5m
	-1023 Apr 03 j 09:01	0°Y		retrograde	-1021 Aug 13 j 15:09	8°M10'25	
				evening set	-1021 Aug 31 j 14:50	2°M12'27	
superior conj	-1023 Apr 16 j 00:34	15°Y32'29	0°-47'-16	inferior conj	-1021 Sep 03 j 14:34	0°M24'30	-8°-45'-9
minimum elong	-1023 Apr 16 j 08:55	15°Y58'08	0°46'56	minimum elong	-1021 Sep 03 j 18:09	0°M19'03	8°45'00
max. Earth dist.	-1023 Apr 16 j 18:59	16°Y29'01	1.73571 AU		-1021 Sep 04 j 06:39	30°RQ	
	-1023 Apr 27 j 19:07	0°B		min. Earth dist.	-1021 Sep 04 j 07:58	29°Q57'59	0.27513 AU
asc. node	-1023 May 07 j 06:03	11°B36'21		morning rise	-1021 Sep 06 j 21:13	28°Q25'43	
evening rise	-1023 May 22 j 10:50	0°II15'31		direct	-1021 Sep 24 j 12:56	22°Q29'59	
	-1023 May 22 j 05:46	0°II		greatest brilliancy	-1021 Oct 08 j 11:54	26°Q02'18	-4.6m
	-1023 Jun 15 j 16:34	0°S			-1021 Oct 15 j 11:57	0°M	
	-1023 Jul 10 j 03:53	0°Q		asc. node	-1021 Oct 23 j 00:48	5°M25'32	
	-1023 Aug 03 j 17:03	0°M		morning max el	-1021 Nov 14 j 07:20	25°M55'04	46°54'21
desc. node	-1023 Aug 26 j 20:26	28°M05'58			-1021 Nov 18 j 05:53	0°A	
	-1023 Aug 28 j 10:10	0°A			-1021 Dec 15 j 07:24	0°ML	
	-1023 Sep 22 j 10:18	0°ML			-1020 Jan 09 j 20:19	0°X	
	-1023 Oct 17 j 23:47	0°X			-1020 Feb 03 j 20:31	0°Z	
	-1023 Nov 13 j 21:29	0°Z		desc. node	-1020 Feb 11 j 15:38	9°Z24'40	
evening max el	-1023 Nov 20 j 21:47	7°Z19'35	47°20'46		-1020 Feb 28 j 15:51	0°≈	
	-1023 Dec 15 j 21:02	0°≈			-1020 Mar 24 j 09:02	0°H	
asc. node	-1023 Dec 17 j 22:26	1°≈30'32			-1020 Apr 18 j 00:49	0°Y	
greatest brilliancy	-1023 Dec 28 j 05:46	7°≈43'49	-4.7m		-1020 May 12 j 14:52	0°B	
retrograde	-1022 Jan 10 j 21:53	11°≈11'50		morning set	-1020 May 17 j 01:21	5°B25'39	
evening set	-1022 Jan 28 j 03:49	5°≈19'41		asc. node	-1020 Jun 03 j 17:49	27°B06'21	
min. Earth dist.	-1022 Jan 31 j 00:30	3°≈32'32	0.27962 AU		-1020 Jun 06 j 02:22	0°II	
inferior conj	-1022 Jan 31 j 21:53	2°≈58'37	8°17'32	max. Earth dist.	-1020 Jun 18 j 22:26	15°II47'48	1.73322 AU
minimum elong	-1022 Jan 31 j 16:46	3°≈06'44	8°17'07				
morning rise	-1022 Feb 04 j 06:05	0°≈53'24		superior conj	-1020 Jun 22 j 05:08	19°II50'26	0°41'48
	-1022 Feb 05 j 18:04	30°RZ		minimum elong	-1020 Jun 21 j 21:47	19°II27'46	0°41'31
direct	-1022 Feb 21 j 19:16	24°Z58'23			-1020 Jun 30 j 10:38	0°S	
greatest brilliancy	-1022 Mar 04 j 11:17	27°Z03'50	-4.5m		-1020 Jul 24 j 15:53	0°Q	
	-1022 Mar 10 j 20:06	0°≈		evening rise	-1020 Jul 28 j 01:47	4°Q14'11	
desc. node	-1022 Apr 08 j 13:15	22°≈14'34			-1020 Aug 17 j 19:19	0°M	
morning max el	-1022 Apr 11 j 19:28	25°≈20'08	45°56'12		-1020 Sep 10 j 22:36	0°A	
	-1022 Apr 16 j 14:15	0°H		desc. node	-1020 Sep 23 j 08:31	15°A24'30	
	-1022 May 15 j 02:19	0°Y			-1020 Oct 05 j 03:14	0°ML	
	-1022 Jun 10 j 15:58	0°B			-1020 Oct 29 j 10:44	0°X	
	-1022 Jul 06 j 06:15	0°II			-1020 Nov 22 j 23:58	0°Z	
asc. node	-1022 Jul 30 j 15:26	29°II20'26			-1020 Dec 18 j 01:50	0°≈	
	-1022 Jul 31 j 04:26	0°S			-1019 Jan 13 j 09:03	0°H	
	-1022 Aug 24 j 14:19	0°Q		asc. node	-1019 Jan 14 j 10:16	1°H08'59	
greatest brilliancy	-1022 Sep 02 j 05:11	10°Q42'33	-3.9m	evening max el	-1019 Jan 30 j 23:30	18°H28'53	46°10'59
	-1022 Sep 17 j 15:36	0°M			-1019 Feb 12 j 04:30	0°Y	
morning set	-1022 Oct 06 j 10:20	23°M36'13		greatest brilliancy	-1019 Mar 06 j 18:11	16°Y07'23	-4.5m
	-1022 Oct 11 j 12:11	0°A		retrograde	-1019 Mar 21 j 14:09	20°Y02'04	
	-1022 Nov 04 j 07:22	0°ML		evening set	-1019 Apr 06 j 21:57	14°Y51'56	
				inferior conj	-1019 Apr 12 j 00:24	11°Y43'54	5°11'04
superior conj	-1022 Nov 16 j 03:35	14°ML55'12	0°07'23	minimum elong	-1019 Apr 12 j 09:25	11°Y29'40	5°09'02
minimum elong	-1022 Nov 16 j 05:34	15°ML01'28	0°07'16	min. Earth dist.	-1019 Apr 12 j 07:18	11°Y33'00	0.29064 AU

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning rise	-1019 Apr 17 j 20:54	8°Υ09'40		-1017 Nov 13 j 04:39	0°ϛ	
direct	-1019 May 03 j 14:14	3°Υ22'46		-1017 Dec 07 j 05:37	0°ϛ	
desc. node	-1019 May 06 j 00:53	3°Υ29'38		-1017 Dec 31 j 11:01	0°≈	
greatest brilliancy	-1019 May 16 j 19:06	6°Υ25'43	-4.5m	-1016 Jan 25 j 00:54	0°Ϟ	
	-1019 Jun 18 j 02:07	0°ϛ		asc. node	-1016 Feb 11 j 22:19	21°Ϟ22'58
morning max el	-1019 Jun 21 j 10:45	3°ϛ09'49	45°48'11	-1016 Feb 19 j 06:27	0°Υ	
	-1019 Jul 17 j 12:31	0°Π		-1016 Mar 16 j 17:20	0°ϛ	
	-1019 Aug 13 j 02:06	0°ϛ		evening max el	-1016 Apr 11 j 19:55	26°ϛ59'45 45°16'43
asc. node	-1019 Aug 27 j 03:22	16°ϛ33'36		-1016 Apr 15 j 00:12	0°Π	
	-1019 Sep 07 j 07:47	0°Ω		greatest brilliancy	-1016 May 16 j 10:57	23°Π07'49 -4.5m
	-1019 Oct 01 j 19:11	0°Ϟ		retrograde	-1016 May 30 j 03:54	26°Π23'10
	-1019 Oct 25 j 20:39	0°Ω		desc. node	-1016 Jun 02 j 12:51	26°Π09'57
	-1019 Nov 18 j 18:05	0°Ϟ		evening set	-1016 Jun 14 j 08:24	22°Π00'13
	-1019 Dec 12 j 15:12	0°ϛ		inferior conj	-1016 Jun 20 j 13:52	18°Π18'10 -4°-4'00
desc. node	-1019 Dec 16 j 17:57	5°ϛ09'41		minimum elong	-1016 Jun 20 j 05:44	18°Π30'47 4°01'54
morning set	-1019 Dec 22 j 02:48	11°ϛ53'32		min. Earth dist.	-1016 Jun 20 j 18:44	18°Π10'36 0.28764 AU
	-1018 Jan 05 j 13:52	0°ϛ		morning rise	-1016 Jun 26 j 02:44	14°Π58'12
	-1018 Jan 29 j 14:50	0°≈		direct	-1016 Jul 12 j 06:09	10°Π03'13
				greatest brilliancy	-1016 Jul 26 j 14:38	13°Π39'21 -4.5m
superior conj	-1018 Feb 01 j 12:35	3°≈37'07	-1°-21'-54		-1016 Aug 18 j 22:05	0°ϛ
minimum elong	-1018 Feb 01 j 06:47	3°≈19'04	1°21'52	morning max el	-1016 Aug 30 j 20:57	11°ϛ10'29 46°20'23
max. Earth dist.	-1018 Feb 05 j 10:16	8°≈28'28	1.72223 AU		-1016 Sep 17 j 21:49	0°Ω
	-1018 Feb 22 j 18:36	0°Ϟ		asc. node	-1016 Sep 23 j 15:14	6°Ω19'47
evening rise	-1018 Mar 12 j 17:55	22°Ϟ12'27		-1016 Oct 14 j 04:45	0°Ϟ	
	-1018 Mar 19 j 01:48	0°Υ		-1016 Nov 08 j 03:28	0°Ω	
asc. node	-1018 Apr 08 j 20:11	25°Υ28'36		-1016 Dec 02 j 12:50	0°Ϟ	
	-1018 Apr 12 j 13:01	0°ϛ		-1016 Dec 26 j 17:45	0°ϛ	
	-1018 May 07 j 04:48	0°Π		desc. node	-1015 Jan 13 j 05:53	21°ϛ42'54
	-1018 Jun 01 j 02:06	0°ϛ		-1015 Jan 19 j 22:17	0°ϛ	
	-1018 Jun 26 j 07:16	0°Ω		-1015 Feb 13 j 03:58	0°≈	
	-1018 Jul 22 j 01:28	0°Ϟ		morning set	-1015 Mar 07 j 05:48	27°≈15'28
desc. node	-1018 Jul 29 j 10:29	8°Ϟ24'50		-1015 Mar 09 j 11:11	0°Ϟ	
	-1018 Aug 17 j 20:51	0°Ω		-1015 Apr 02 j 19:59	0°Υ	
evening max el	-1018 Sep 07 j 04:53	21°Ω11'23	47°02'24			
	-1018 Sep 16 j 10:08	0°Ϟ		superior conj	-1015 Apr 13 j 18:14	13°Υ25'42 0°-49'-53
greatest brilliancy	-1018 Oct 16 j 07:03	21°Ϟ13'12	-4.7m	minimum elong	-1015 Apr 14 j 02:52	13°Υ52'13 0°49'33
retrograde	-1018 Oct 27 j 14:14	23°Ϟ36'10		max. Earth dist.	-1015 Apr 14 j 16:26	14°Υ33'54 1.73547 AU
evening set	-1018 Nov 11 j 00:03	19°Ϟ27'04			-1015 Apr 27 j 06:04	0°ϛ
inferior conj	-1018 Nov 17 j 01:58	15°Ϟ53'36	0°-38'-2	asc. node	-1015 May 06 j 08:02	11°ϛ08'54
minimum elong	-1018 Nov 17 j 03:25	15°Ϟ51'23	0°37'36	evening rise	-1015 May 20 j 05:58	28°ϛ13'09
min. Earth dist.	-1018 Nov 16 j 20:24	16°Ϟ02'04	0.26336 AU		-1015 May 21 j 16:48	0°Π
asc. node	-1018 Nov 19 j 12:33	14°Ϟ25'07		-1015 Jun 15 j 03:48	0°ϛ	
morning rise	-1018 Nov 23 j 07:02	12°Ϟ17'11		-1015 Jul 09 j 15:26	0°Ω	
direct	-1018 Dec 07 j 08:53	8°Ϟ18'49		-1015 Aug 03 j 05:07	0°Ϟ	
greatest brilliancy	-1018 Dec 19 j 00:34	10°Ϟ52'43	-4.7m	desc. node	-1015 Aug 25 j 22:34	27°Ϟ33'54
	-1017 Jan 15 j 03:44	0°ϛ		-1015 Aug 27 j 23:00	0°Ω	
morning max el	-1017 Jan 26 j 14:33	10°ϛ55'54	46°37'38	-1015 Sep 22 j 00:16	0°Ϟ	
	-1017 Feb 13 j 20:56	0°ϛ		-1015 Oct 17 j 15:45	0°ϛ	
desc. node	-1017 Mar 11 j 03:37	28°ϛ11'08		-1015 Nov 13 j 18:07	0°ϛ	
	-1017 Mar 12 j 17:45	0°≈		evening max el	-1015 Nov 18 j 11:47	4°ϛ54'58 47°21'57
	-1017 Apr 07 j 14:57	0°Ϟ		-1015 Dec 16 j 18:34	0°≈	
	-1017 May 03 j 00:16	0°Υ		asc. node	-1015 Dec 17 j 00:34	0°≈10'21
	-1017 May 28 j 01:29	0°ϛ		greatest brilliancy	-1015 Dec 25 j 23:30	5°≈25'55 -4.7m
	-1017 Jun 21 j 19:30	0°Π		retrograde	-1014 Jan 08 j 12:36	8°≈51'13
asc. node	-1017 Jul 02 j 05:41	12°Π44'35		evening set	-1014 Jan 25 j 16:01	3°≈04'02
	-1017 Jul 16 j 06:26	0°ϛ		min. Earth dist.	-1014 Jan 28 j 15:01	1°≈13'33 0.27892 AU
morning set	-1017 Jul 24 j 14:31	10°ϛ18'22		inferior conj	-1014 Jan 29 j 12:46	0°≈39'04 8°11'59
	-1017 Aug 09 j 10:59	0°Ω		minimum elong	-1014 Jan 29 j 06:57	0°≈48'17 8°11'26
max. Earth dist.	-1017 Aug 27 j 07:51	22°Ω19'25	1.71781 AU		-1014 Jan 30 j 13:27	30°ϛ
				morning rise	-1014 Feb 01 j 22:14	28°ϛ31'55
superior conj	-1017 Aug 30 j 17:27	26°Ω34'55	1°24'00	direct	-1014 Feb 19 j 08:51	22°ϛ39'56
minimum elong	-1017 Aug 30 j 19:33	26°Ω41'27	1°24'00	greatest brilliancy	-1014 Mar 02 j 01:08	24°ϛ45'17 -4.5m
	-1017 Sep 02 j 10:56	0°Ϟ		-1014 Mar 12 j 08:48	0°≈	
	-1017 Sep 26 j 08:35	0°Ω		desc. node	-1014 Apr 07 j 15:12	21°≈22'04
evening rise	-1017 Oct 08 j 22:44	15°Ω48'34		morning max el	-1014 Apr 09 j 09:06	23°≈02'07 45°57'22
	-1017 Oct 20 j 06:02	0°Ϟ		-1014 Apr 16 j 11:10	0°Ϟ	
desc. node	-1017 Oct 21 j 20:24	2°Ϟ00'19		-1014 May 14 j 17:45	0°Υ	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-1014 Jun 10 j 05:16	0°♄					-1012 Oct 28 j 23:09	0°♄			
	-1014 Jul 05 j 18:31	0°♂					-1012 Nov 22 j 13:07	0°♂			
asc. node	-1014 Jul 29 j 17:36	28°♂51'24					-1012 Dec 17 j 16:18	0°≈			
	-1014 Jul 30 j 16:08	0°♄					-1011 Jan 13 j 02:31	0°♄			
	-1014 Aug 24 j 01:45	0°♂				asc. node	-1011 Jan 13 j 12:27	0°♄26'59			
greatest brilliancy	-1014 Sep 06 j 14:28	16°♂50'13	-3.9m			evening max el	-1011 Jan 28 j 15:28	16°♄15'14	46°13'52		
	-1014 Sep 17 j 02:55	0°♄					-1011 Feb 12 j 09:26	0°♄			
morning set	-1014 Oct 03 j 22:49	21°♄08'52				greatest brilliancy	-1011 Mar 04 j 11:02	13°♄58'03	-4.5m		
	-1014 Oct 10 j 23:28	0°♄				retrograde	-1011 Mar 19 j 07:34	17°♄53'02			
	-1014 Nov 03 j 18:40	0°♄				evening set	-1011 Apr 04 j 17:12	12°♄38'55			
						inferior conj	-1011 Apr 09 j 17:03	9°♄34'24	5°26'17		
superior conj	-1014 Nov 13 j 12:54	12°♄17'56	0°11'22			minimum elong	-1011 Apr 10 j 02:13	9°♄19'55	5°24'16		
minimum elong	-1014 Nov 13 j 15:57	12°♄27'33	0°11'13			min. Earth dist.	-1011 Apr 09 j 23:05	9°♄24'53	0.29056 AU		
behind sun begin	-1014 Nov 12 j 20:15	11°♄25'30				morning rise	-1011 Apr 15 j 11:23	6°♄03'26			
behind sun end	-1014 Nov 14 j 11:39	13°♄29'34				direct	-1011 May 01 j 07:01	1°♄13'32			
max. Earth dist.	-1014 Nov 15 j 09:03	14°♄36'55	1.70993 AU			desc. node	-1011 May 05 j 02:58	1°♄30'20			
desc. node	-1014 Nov 18 j 08:12	18°♄20'51				greatest brilliancy	-1011 May 14 j 09:28	4°♄14'41	-4.5m		
	-1014 Nov 27 j 14:31	0°♄					-1011 Jun 18 j 01:25	0°♄			
	-1014 Dec 21 j 12:10	0°♂				morning max el	-1011 Jun 19 j 03:53	1°♄02'52	45°47'44		
evening rise	-1014 Dec 25 j 14:01	5°♂06'15					-1011 Jul 17 j 04:25	0°♂			
	-1013 Jan 14 j 12:35	0°≈					-1011 Aug 12 j 15:34	0°♄			
	-1013 Feb 07 j 17:19	0°♄				asc. node	-1011 Aug 26 j 05:28	16°♄01'43			
	-1013 Mar 04 j 04:40	0°♄					-1011 Sep 06 j 20:10	0°♂			
asc. node	-1013 Mar 11 j 10:19	8°♄47'11					-1011 Oct 01 j 07:02	0°♄			
	-1013 Mar 29 j 01:36	0°♄					-1011 Oct 25 j 08:14	0°♄			
	-1013 Apr 23 j 12:26	0°♂					-1011 Nov 18 j 05:31	0°♄			
	-1013 May 19 j 21:46	0°♄					-1011 Dec 12 j 02:31	0°♄			
	-1013 Jun 17 j 06:03	0°♂				desc. node	-1011 Dec 15 j 20:08	4°♄41'05			
evening max el	-1013 Jun 23 j 03:06	5°♂44'09	45°41'39			morning set	-1011 Dec 19 j 12:21	9°♄17'44			
desc. node	-1013 Jul 01 j 00:45	13°♂03'24					-1010 Jan 05 j 01:04	0°♂			
	-1013 Jul 23 j 12:47	0°♄					-1010 Jan 29 j 01:55	0°≈			
greatest brilliancy	-1013 Jul 31 j 09:30	3°♄43'14	-4.5m								
retrograde	-1013 Aug 11 j 04:26	5°♄49'04				superior conj	-1010 Jan 30 j 00:32	1°≈10'27	-1°-20'-50		
	-1013 Aug 28 j 21:20	30°♄				minimum elong	-1010 Jan 29 j 17:52	0°≈49'42	1°20'45		
evening set	-1013 Aug 29 j 04:28	29°♄49'32				max. Earth dist.	-1010 Feb 03 j 00:48	6°≈10'01	1.72165 AU		
inferior conj	-1013 Sep 01 j 03:55	28°♂02'06	-8°-47'-49				-1010 Feb 22 j 05:36	0°♄			
minimum elong	-1013 Sep 01 j 06:36	27°♂58'01	8°47'44			evening rise	-1010 Mar 10 j 08:48	19°♄56'32			
min. Earth dist.	-1013 Sep 01 j 20:49	27°♂36'23	0.27577 AU				-1010 Mar 18 j 12:47	0°♄			
morning rise	-1013 Sep 04 j 08:31	26°♂06'31				asc. node	-1010 Apr 07 j 22:11	25°♄00'50			
direct	-1013 Sep 22 j 03:08	20°♂06'24					-1010 Apr 12 j 00:08	0°♄			
greatest brilliancy	-1013 Oct 06 j 04:26	23°♂41'45	-4.6m				-1010 May 06 j 16:13	0°♂			
	-1013 Oct 16 j 14:32	0°♄					-1010 May 31 j 14:04	0°♄			
asc. node	-1013 Oct 22 j 02:48	4°♄12'31					-1010 Jun 25 j 20:10	0°♂			
morning max el	-1013 Nov 11 j 21:58	23°♄31'28	46°54'03				-1010 Jul 21 j 16:03	0°♄			
	-1013 Nov 18 j 02:58	0°♄				desc. node	-1010 Jul 28 j 12:39	7°♄47'44			
	-1013 Dec 14 j 23:27	0°♄					-1010 Aug 17 j 14:57	0°♄			
	-1012 Jan 09 j 10:17	0°♄				evening max el	-1010 Sep 04 j 19:08	18°♄49'35	46°59'53		
	-1012 Feb 03 j 09:19	0°♂					-1010 Sep 16 j 15:35	0°♄			
desc. node	-1012 Feb 10 j 17:49	8°♂53'17				greatest brilliancy	-1010 Oct 13 j 21:00	18°♄45'11	-4.7m		
	-1012 Feb 28 j 03:55	0°≈				retrograde	-1010 Oct 25 j 02:23	21°♄05'35			
	-1012 Mar 23 j 20:37	0°♄				evening set	-1010 Nov 08 j 13:26	16°♄55'36			
	-1012 Apr 17 j 12:02	0°♄				inferior conj	-1010 Nov 14 j 13:59	13°♄23'47	-1°-2'-41		
	-1012 May 12 j 01:51	0°♄				minimum elong	-1010 Nov 14 j 16:22	13°♄20'09	1°01'56		
morning set	-1012 May 14 j 20:02	3°♄22'24				min. Earth dist.	-1010 Nov 14 j 09:51	13°♄30'05	0.26332 AU		
asc. node	-1012 Jun 02 j 19:57	26°♄39'32				asc. node	-1010 Nov 18 j 14:43	10°♄59'27			
	-1012 Jun 05 j 13:14	0°♂				morning rise	-1010 Nov 20 j 19:32	9°♄46'41			
max. Earth dist.	-1012 Jun 16 j 21:45	13°♂58'16	1.73359 AU			direct	-1010 Dec 04 j 21:30	5°♄49'18			
						greatest brilliancy	-1010 Dec 16 j 14:05	8°♄24'13	-4.7m		
superior conj	-1012 Jun 19 j 23:53	17°♂46'44	0°39'05				-1009 Jan 15 j 08:31	0°♄			
minimum elong	-1012 Jun 19 j 16:53	17°♂25'10	0°38'48			morning max el	-1009 Jan 24 j 03:27	8°♄30'09	46°38'54		
	-1012 Jun 29 j 21:30	0°♄					-1009 Feb 13 j 14:56	0°♂			
	-1012 Jul 24 j 02:54	0°♂				desc. node	-1009 Mar 10 j 05:36	27°♂34'45			
evening rise	-1012 Jul 25 j 19:39	2°♂06'28					-1009 Mar 12 j 08:18	0°≈			
	-1012 Aug 17 j 06:34	0°♄					-1009 Apr 07 j 03:50	0°♄			
	-1012 Sep 10 j 10:10	0°♄					-1009 May 02 j 12:11	0°♄			
desc. node	-1012 Sep 22 j 10:29	14°♄54'11					-1009 May 27 j 12:49	0°♄			
	-1012 Oct 04 j 15:11	0°♄					-1009 Jun 21 j 06:31	0°♂			

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

asc. node	-1009 Jul 01 j 07:50	12° Π 17'40		evening set	-1006 Jan 23 j 03:58	0° \approx 49'35	
	-1009 Jul 15 j 17:18	0° \mathfrak{S}			-1006 Jan 24 j 12:24	30° \mathfrak{R} \mathfrak{Z}	
morning set	-1009 Jul 22 j 07:41	8° \mathfrak{S} 09'28		min. Earth dist.	-1006 Jan 26 j 05:26	28° \mathfrak{Z} 55'42	0.27826 AU
	-1009 Aug 08 j 21:48	0° Ω		inferior conj	-1006 Jan 27 j 03:38	28° \mathfrak{Z} 20'35	8°05'30
max. Earth dist.	-1009 Aug 24 j 18:56	19° Ω 50'03	1.71835 AU	minimum elong	-1006 Jan 26 j 21:11	28° \mathfrak{Z} 30'48	8°04'48
				morning rise	-1006 Jan 30 j 14:42	26° \mathfrak{Z} 11'10	
superior conj	-1009 Aug 28 j 09:05	24° Ω 19'39	1°24'17	direct	-1006 Feb 16 j 22:25	20° \mathfrak{Z} 22'19	
minimum elong	-1009 Aug 28 j 10:23	24° Ω 23'43	1°24'18	greatest brilliancy	-1006 Feb 27 j 15:37	22° \mathfrak{Z} 28'27	-4.6m
	-1009 Sep 01 j 21:46	0° \mathfrak{M}			-1006 Mar 13 j 10:11	0° \approx	
	-1009 Sep 25 j 19:32	0° $\underline{\mathfrak{A}}$		desc. node	-1006 Apr 06 j 17:17	20° \approx 31'45	
evening rise	-1009 Oct 06 j 10:22	13° $\underline{\mathfrak{A}}$ 19'49		morning max el	-1006 Apr 06 j 23:26	20° \approx 46'31	45°58'29
	-1009 Oct 19 j 17:09	0° \mathfrak{M}			-1006 Apr 16 j 07:06	0° \mathfrak{H}	
desc. node	-1009 Oct 20 j 22:27	1° \mathfrak{M} 31'54			-1006 May 14 j 08:40	0° \mathfrak{Y}	
	-1009 Nov 12 j 15:57	0° \mathfrak{J}			-1006 Jun 09 j 18:09	0° \mathfrak{B}	
	-1009 Dec 06 j 17:09	0° \mathfrak{Z}			-1006 Jul 05 j 06:22	0° Π	
	-1009 Dec 30 j 22:50	0° \approx		asc. node	-1006 Jul 28 j 19:37	28° Π 23'07	
	-1008 Jan 24 j 13:16	0° \mathfrak{H}			-1006 Jul 30 j 03:26	0° \mathfrak{S}	
asc. node	-1008 Feb 11 j 00:21	20° \mathfrak{H} 50'22			-1006 Aug 23 j 12:46	0° Ω	
	-1008 Feb 18 j 19:56	0° \mathfrak{Y}		greatest brilliancy	-1006 Sep 08 j 20:39	20° Ω 20'14	-3.9m
	-1008 Mar 16 j 09:22	0° \mathfrak{B}			-1006 Sep 16 j 13:50	0° \mathfrak{M}	
evening max el	-1008 Apr 09 j 10:49	24° \mathfrak{B} 47'11	45°17'26	morning set	-1006 Oct 01 j 11:39	18° \mathfrak{M} 43'51	
	-1008 Apr 15 j 00:26	0° Π			-1006 Oct 10 j 10:23	0° $\underline{\mathfrak{A}}$	
greatest brilliancy	-1008 May 14 j 01:28	20° Π 57'04	-4.5m		-1006 Nov 03 j 05:35	0° \mathfrak{M}	
retrograde	-1008 May 27 j 19:14	24° Π 14'08					
desc. node	-1008 Jun 01 j 14:59	23° Π 46'57		superior conj	-1006 Nov 10 j 22:34	9° \mathfrak{M} 42'47	0°15'19
evening set	-1008 Jun 11 j 23:05	19° Π 52'37		minimum elong	-1006 Nov 11 j 02:38	9° \mathfrak{M} 55'38	0°15'07
inferior conj	-1008 Jun 18 j 05:56	16° Π 08'43	-3°-46'-8	behind sun begin	-1006 Nov 10 j 16:17	9° \mathfrak{M} 22'59	
minimum elong	-1008 Jun 17 j 22:16	16° Π 20'37	3°44'05	behind sun end	-1006 Nov 11 j 13:00	10° \mathfrak{M} 28'17	
min. Earth dist.	-1008 Jun 18 j 11:14	16° Π 00'28	0.28785 AU	max. Earth dist.	-1006 Nov 12 j 14:03	11° \mathfrak{M} 47'10	1.70985 AU
morning rise	-1008 Jun 23 j 21:03	12° Π 45'14		desc. node	-1006 Nov 17 j 10:24	17° \mathfrak{M} 53'25	
direct	-1008 Jul 09 j 21:56	7° Π 53'16			-1006 Nov 27 j 01:26	0° \mathfrak{J}	
greatest brilliancy	-1008 Jul 24 j 06:42	11° Π 28'45	-4.5m		-1006 Dec 20 j 23:05	0° \mathfrak{Z}	
	-1008 Aug 19 j 01:30	0° \mathfrak{S}		evening rise	-1006 Dec 23 j 00:13	2° \mathfrak{Z} 33'48	
morning max el	-1008 Aug 28 j 11:00	8° \mathfrak{S} 52'45	46°19'01		-1005 Jan 13 j 23:32	0° \approx	
	-1008 Sep 17 j 14:48	0° Ω			-1005 Feb 07 j 04:24	0° \mathfrak{H}	
asc. node	-1008 Sep 22 j 17:10	5° Ω 39'56			-1005 Mar 03 j 16:02	0° \mathfrak{Y}	
	-1008 Oct 13 j 18:46	0° \mathfrak{M}		asc. node	-1005 Mar 10 j 12:19	8° \mathfrak{Y} 18'28	
	-1008 Nov 07 j 16:12	0° $\underline{\mathfrak{A}}$			-1005 Mar 28 j 13:31	0° \mathfrak{B}	
	-1008 Dec 02 j 00:53	0° \mathfrak{M}			-1005 Apr 23 j 01:25	0° Π	
	-1008 Dec 26 j 05:22	0° \mathfrak{J}			-1005 May 19 j 13:02	0° \mathfrak{S}	
desc. node	-1007 Jan 12 j 08:00	21° \mathfrak{J} 14'09			-1005 Jun 17 j 03:17	0° Ω	
	-1007 Jan 19 j 09:36	0° \mathfrak{Z}		evening max el	-1005 Jun 20 j 17:26	3° Ω 28'31	45°39'38
	-1007 Feb 12 j 15:01	0° \approx		desc. node	-1005 Jun 30 j 02:53	12° Ω 06'30	
morning set	-1007 Mar 04 j 20:35	24° \approx 59'27			-1005 Jul 25 j 14:10	0° \mathfrak{M}	
	-1007 Mar 08 j 22:03	0° \mathfrak{H}		greatest brilliancy	-1005 Jul 28 j 19:20	1° \mathfrak{M} 20'29	-4.5m
	-1007 Apr 02 j 06:43	0° \mathfrak{Y}		retrograde	-1005 Aug 08 j 18:06	3° \mathfrak{M} 29'21	
					-1005 Aug 22 j 03:48	30° \mathfrak{R} Ω	
superior conj	-1007 Apr 11 j 11:28	11° \mathfrak{Y} 18'25	0°-52'-28	evening set	-1005 Aug 26 j 17:55	27° Ω 29'02	
minimum elong	-1007 Apr 11 j 20:20	11° \mathfrak{Y} 45'38	0°52'08	inferior conj	-1005 Aug 29 j 17:27	25° Ω 41'25	-8°-49'-37
max. Earth dist.	-1007 Apr 12 j 11:32	12° \mathfrak{Y} 32'19	1.73519 AU	minimum elong	-1005 Aug 29 j 19:14	25° Ω 38'42	8°49'34
	-1007 Apr 26 j 16:44	0° \mathfrak{B}		min. Earth dist.	-1005 Aug 30 j 09:27	25° Ω 17'03	0.27638 AU
asc. node	-1007 May 05 j 10:10	10° \mathfrak{B} 42'44		morning rise	-1005 Sep 01 j 20:22	23° Ω 48'23	
evening rise	-1007 May 18 j 00:47	26° \mathfrak{B} 10'51		direct	-1005 Sep 19 j 17:57	17° Ω 44'50	
	-1007 May 21 j 03:31	0° Π		greatest brilliancy	-1005 Oct 03 j 20:01	21° Ω 21'38	-4.6m
	-1007 Jun 14 j 14:42	0° \mathfrak{S}			-1005 Oct 17 j 09:23	0° \mathfrak{M}	
	-1007 Jul 09 j 02:41	0° Ω		asc. node	-1005 Oct 21 j 05:00	3° \mathfrak{M} 03'18	
	-1007 Aug 02 j 16:53	0° \mathfrak{M}		morning max el	-1005 Nov 09 j 13:03	21° \mathfrak{M} 10'25	46°53'33
desc. node	-1007 Aug 25 j 00:33	27° \mathfrak{M} 02'15			-1005 Nov 17 j 22:57	0° $\underline{\mathfrak{A}}$	
	-1007 Aug 27 j 11:32	0° $\underline{\mathfrak{A}}$			-1005 Dec 14 j 14:53	0° \mathfrak{M}	
	-1007 Sep 21 j 13:58	0° \mathfrak{M}			-1004 Jan 08 j 23:45	0° \mathfrak{J}	
	-1007 Oct 17 j 07:31	0° \mathfrak{J}			-1004 Feb 02 j 21:42	0° \mathfrak{Z}	
	-1007 Nov 13 j 14:53	0° \mathfrak{Z}		desc. node	-1004 Feb 09 j 19:48	8° \mathfrak{Z} 22'30	
evening max el	-1007 Nov 16 j 01:26	2° \mathfrak{Z} 30'54	47°23'05		-1004 Feb 27 j 15:36	0° \approx	
asc. node	-1007 Dec 16 j 02:40	28° \mathfrak{Z} 48'57			-1004 Mar 23 j 07:50	0° \mathfrak{H}	
	-1007 Dec 17 j 23:14	0° \approx			-1004 Apr 16 j 22:56	0° \mathfrak{Y}	
greatest brilliancy	-1007 Dec 23 j 16:06	3° \approx 07'44	-4.7m		-1004 May 11 j 12:33	0° \mathfrak{B}	
retrograde	-1006 Jan 06 j 03:30	6° \approx 31'54		morning set	-1004 May 12 j 14:39	1° \mathfrak{B} 19'49	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

asc. node	-1004 Jun 01 j 22:06	26° U 13'33		minimum elong	-1002 Nov 12 j 05:19	10° M 49'10	1°26'11
	-1004 Jun 04 j 23:50	0° II		min. Earth dist.	-1002 Nov 11 j 23:37	10° M 57'52	0.26329 AU
max. Earth dist.	-1004 Jun 14 j 19:57	12° II 06'08	1.73393 AU	asc. node	-1002 Nov 17 j 16:49	7° M 36'33	
				morning rise	-1002 Nov 18 j 07:46	7° M 16'34	
superior conj	-1004 Jun 17 j 18:29	15° II 43'23	0°36'19	direct	-1002 Dec 02 j 09:28	3° M 19'52	
minimum elong	-1004 Jun 17 j 11:52	15° II 23'01	0°36'01	greatest brilliancy	-1002 Dec 14 j 04:08	5° M 56'25	-4.7m
	-1004 Jun 29 j 08:09	0° S			-1001 Jan 15 j 11:30	0° J	
evening rise	-1004 Jul 23 j 13:25	29° S 59'16		morning max el	-1001 Jan 21 j 15:32	6° J 02'15	46°40'06
	-1004 Jul 23 j 13:40	0° Q			-1001 Feb 13 j 08:28	0° Z	
	-1004 Aug 16 j 17:33	0° M		desc. node	-1001 Mar 09 j 07:40	26° Z 59'00	
	-1004 Sep 09 j 21:27	0° A			-1001 Mar 11 j 22:40	0° \approx	
desc. node	-1004 Sep 21 j 12:34	14° A 25'05			-1001 Apr 06 j 16:37	0° H	
	-1004 Oct 04 j 02:51	0° M			-1001 May 02 j 00:03	0° Y	
	-1004 Oct 28 j 11:21	0° J			-1001 May 27 j 00:09	0° B	
	-1004 Nov 22 j 02:06	0° Z			-1001 Jun 20 j 17:32	0° II	
	-1004 Dec 17 j 06:38	0° \approx		asc. node	-1001 Jun 30 j 09:52	11° II 50'24	
asc. node	-1003 Jan 12 j 14:31	29° \approx 45'01			-1001 Jul 15 j 04:11	0° S	
	-1003 Jan 12 j 20:04	0° H		morning set	-1001 Jul 20 j 00:52	6° S 00'28	
evening max el	-1003 Jan 26 j 07:47	14° H 03'05	46°16'43		-1001 Aug 08 j 08:41	0° Q	
	-1003 Feb 12 j 16:05	0° Y		max. Earth dist.	-1001 Aug 22 j 07:36	17° Q 25'23	1.71897 AU
greatest brilliancy	-1003 Mar 02 j 04:55	11° Y 50'53	-4.5m				
retrograde	-1003 Mar 17 j 00:48	15° Y 44'40		superior conj	-1001 Aug 26 j 00:39	22° Q 03'55	1°24'26
evening set	-1003 Apr 02 j 12:32	10° Y 26'51		minimum elong	-1001 Aug 26 j 01:09	22° Q 05'29	1°24'26
inferior conj	-1003 Apr 07 j 09:45	7° Y 25'45	5°41'01		-1001 Sep 01 j 08:44	0° M	
minimum elong	-1003 Apr 07 j 19:02	7° Y 11'04	5°39'02		-1001 Sep 25 j 06:38	0° A	
min. Earth dist.	-1003 Apr 07 j 14:51	7° Y 17'40	0.29045 AU	evening rise	-1001 Oct 03 j 21:52	10° A 50'15	
morning rise	-1003 Apr 13 j 01:45	3° Y 58'04			-1001 Oct 19 j 04:24	0° M	
	-1003 Apr 22 j 05:46	30° R		desc. node	-1001 Oct 20 j 00:38	1° M 03'25	
direct	-1003 Apr 28 j 23:58	29° H 05'21			-1001 Nov 12 j 03:23	0° J	
desc. node	-1003 May 04 j 05:07	29° H 36'11			-1001 Dec 06 j 04:46	0° Z	
	-1003 May 05 j 23:45	0° Y			-1001 Dec 30 j 10:47	0° \approx	
greatest brilliancy	-1003 May 11 j 22:47	2° Y 03'10	-4.5m		-1000 Jan 24 j 01:48	0° H	
morning max el	-1003 Jun 16 j 20:24	28° Y 55'02	45°47'08	asc. node	-1000 Feb 10 j 02:22	20° H 17'13	
	-1003 Jun 17 j 23:31	0° B			-1000 Feb 18 j 09:40	0° Y	
	-1003 Jul 16 j 19:56	0° II			-1000 Mar 16 j 01:51	0° B	
	-1003 Aug 12 j 04:48	0° S		evening max el	-1000 Apr 07 j 01:24	22° B 33'25	45°18'16
asc. node	-1003 Aug 25 j 07:29	15° S 30'07			-1000 Apr 15 j 02:09	0° II	
	-1003 Sep 06 j 08:22	0° Q		greatest brilliancy	-1000 May 11 j 15:00	18° II 44'45	-4.5m
	-1003 Sep 30 j 18:43	0° M		retrograde	-1000 May 25 j 10:57	22° II 04'59	
	-1003 Oct 24 j 19:37	0° A		desc. node	-1000 May 31 j 17:03	21° II 19'00	
	-1003 Nov 17 j 16:44	0° M		evening set	-1000 Jun 09 j 13:55	17° II 44'21	
	-1003 Dec 11 j 13:38	0° J		inferior conj	-1000 Jun 15 j 22:01	13° II 59'00	-3°-27'-52
desc. node	-1003 Dec 14 j 22:10	4° J 12'41		minimum elong	-1000 Jun 15 j 14:52	14° II 10'07	3°25'56
morning set	-1003 Dec 16 j 21:55	6° J 42'28		min. Earth dist.	-1000 Jun 16 j 03:42	13° II 50'10	0.28807 AU
	-1002 Jan 04 j 12:06	0° Z		morning rise	-1000 Jun 21 j 15:19	10° II 32'19	
				direct	-1000 Jul 07 j 13:33	5° II 42'56	
superior conj	-1002 Jan 27 j 12:21	28° Z 43'39	-1°-19'-36	greatest brilliancy	-1000 Jul 21 j 23:27	9° II 18'55	-4.5m
minimum elong	-1002 Jan 27 j 04:52	28° Z 20'21	1°19'30		-1000 Aug 19 j 03:33	0° S	
	-1002 Jan 28 j 12:52	0° \approx		morning max el	-1000 Aug 26 j 01:48	6° S 36'32	46°17'35
max. Earth dist.	-1002 Jan 31 j 16:04	3° \approx 54'07	1.72108 AU		-1000 Sep 17 j 07:40	0° Q	
	-1002 Feb 21 j 16:29	0° H		asc. node	-1000 Sep 21 j 19:25	5° Q 00'48	
evening rise	-1002 Mar 07 j 23:31	17° H 40'20			-1000 Oct 13 j 08:55	0° M	
	-1002 Mar 17 j 23:40	0° Y			-1000 Nov 07 j 05:10	0° A	
asc. node	-1002 Apr 07 j 00:24	24° Y 34'03			-1000 Dec 01 j 13:12	0° M	
	-1002 Apr 11 j 11:07	0° B			-1000 Dec 25 j 17:15	0° J	
	-1002 May 06 j 03:32	0° II		desc. node	-999 Jan 11 j 10:02	20° J 44'26	
	-1002 May 31 j 01:59	0° S			-999 Jan 18 j 21:09	0° Z	
	-1002 Jun 25 j 09:06	0° Q			-999 Feb 12 j 02:18	0° \approx	
	-1002 Jul 21 j 06:48	0° M		morning set	-999 Mar 02 j 11:03	22° \approx 41'41	
desc. node	-1002 Jul 27 j 14:36	7° M 09'37			-999 Mar 08 j 09:08	0° H	
	-1002 Aug 17 j 09:34	0° A			-999 Apr 01 j 17:42	0° Y	
evening max el	-1002 Sep 02 j 08:31	16° A 25'35	46°57'20				
	-1002 Sep 16 j 23:17	0° M		superior conj	-999 Apr 09 j 04:38	9° Y 10'05	0°-54'-58
greatest brilliancy	-1002 Oct 11 j 11:55	16° M 18'14	-4.7m	minimum elong	-999 Apr 09 j 13:41	9° Y 37'53	0°54'39
retrograde	-1002 Oct 22 j 14:03	18° M 35'05		max. Earth dist.	-999 Apr 10 j 05:48	10° Y 27'26	1.73493 AU
evening set	-1002 Nov 06 j 03:01	14° M 23'56			-999 Apr 26 j 03:40	0° B	
inferior conj	-1002 Nov 12 j 02:01	10° M 54'12	-1°-27'-14	asc. node	-999 May 04 j 12:18	10° B 15'41	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening rise	-999 May 15 j 19:41	24°♄07'58			-997 Oct 17 j 23:47	0°♍	
	-999 May 20 j 14:31	0°♈		asc. node	-997 Oct 20 j 07:05	1°♍55'03	
	-999 Jun 14 j 01:52	0°♊		morning max el	-997 Nov 07 j 03:43	18°♍47'36	46°52'57
	-999 Jul 08 j 14:12	0°♋			-997 Nov 17 j 18:39	0°♌	
	-999 Aug 02 j 04:57	0°♍			-997 Dec 14 j 06:26	0°♍	
desc. node	-999 Aug 24 j 02:41	26°♍30'09			-996 Jan 08 j 13:30	0°♌	
	-999 Aug 27 j 00:25	0°♌			-996 Feb 02 j 10:27	0°♌	
	-999 Sep 21 j 04:08	0°♍		desc. node	-996 Feb 08 j 21:54	7°♌50'54	
	-999 Oct 16 j 23:57	0°♌			-996 Feb 27 j 03:42	0°♌	
evening max el	-999 Nov 13 j 15:46	0°♌07'10	47°24'08		-996 Mar 22 j 19:27	0°♌	
	-999 Nov 13 j 12:57	0°♌			-996 Apr 16 j 10:12	0°♍	
asc. node	-999 Dec 15 j 04:43	27°♌23'06		morning set	-996 May 10 j 09:06	29°♍15'39	
	-999 Dec 19 j 18:18	0°♌			-996 May 10 j 23:36	0°♌	
greatest brilliancy	-999 Dec 21 j 07:59	0°♌46'39	-4.7m	asc. node	-996 Jun 01 j 00:04	25°♌45'56	
retrograde	-998 Jan 03 j 18:44	4°♌10'31			-996 Jun 04 j 10:48	0°♈	
	-998 Jan 18 j 02:56	30°♌		max. Earth dist.	-996 Jun 12 j 17:16	10°♈10'13	1.73425 AU
evening set	-998 Jan 20 j 15:29	28°♌33'09					
min. Earth dist.	-998 Jan 23 j 19:20	26°♌36'04	0.27757 AU	superior conj	-996 Jun 15 j 13:03	13°♈38'54	0°33'28
inferior conj	-998 Jan 24 j 18:15	25°♌59'54	7°58'01	minimum elong	-996 Jun 15 j 06:52	13°♈19'50	0°33'13
minimum elong	-998 Jan 24 j 11:11	26°♌11'03	7°57'11		-996 Jun 28 j 19:09	0°♊	
morning rise	-998 Jan 28 j 07:14	23°♌47'59		evening rise	-996 Jul 21 j 07:20	27°♊51'23	
direct	-998 Feb 14 j 11:58	18°♌02'35			-996 Jul 23 j 00:49	0°♋	
greatest brilliancy	-998 Feb 25 j 05:16	20°♌09'07	-4.6m		-996 Aug 16 j 04:56	0°♍	
	-998 Mar 14 j 05:31	0°♌			-996 Sep 09 j 09:06	0°♌	
morning max el	-998 Apr 04 j 14:25	18°♌31'21	45°59'39	desc. node	-996 Sep 20 j 14:45	13°♌55'15	
desc. node	-998 Apr 05 j 19:32	19°♌41'40			-996 Oct 03 j 14:51	0°♍	
	-998 Apr 16 j 02:50	0°♌			-996 Oct 27 j 23:52	0°♌	
	-998 May 13 j 23:45	0°♍			-996 Nov 21 j 15:24	0°♌	
	-998 Jun 09 j 07:19	0°♌			-996 Dec 16 j 21:26	0°♌	
	-998 Jul 04 j 18:32	0°♈		asc. node	-995 Jan 11 j 16:33	29°♌01'29	
asc. node	-998 Jul 27 j 21:42	27°♈54'02			-995 Jan 12 j 14:23	0°♌	
	-998 Jul 29 j 15:03	0°♊		evening max el	-995 Jan 23 j 23:48	11°♌48'52	46°19'21
	-998 Aug 23 j 00:06	0°♋			-995 Feb 13 j 01:58	0°♍	
greatest brilliancy	-998 Sep 10 j 15:22	23°♋13'43	-3.9m	greatest brilliancy	-995 Feb 27 j 23:29	9°♍43'08	-4.5m
	-998 Sep 16 j 01:04	0°♍		retrograde	-995 Mar 14 j 17:33	13°♍34'46	
morning set	-998 Sep 29 j 00:55	16°♍19'18		evening set	-995 Mar 31 j 07:53	8°♍13'23	
	-998 Oct 09 j 21:37	0°♌		inferior conj	-995 Apr 05 j 02:26	5°♍15'48	5°55'15
	-998 Nov 02 j 16:51	0°♍		minimum elong	-995 Apr 05 j 11:46	5°♍01'00	5°53'20
				min. Earth dist.	-995 Apr 05 j 06:53	5°♍08'44	0.29032 AU
superior conj	-998 Nov 08 j 08:18	7°♍06'43	0°19'14	morning rise	-995 Apr 10 j 15:54	1°♍51'25	
minimum elong	-998 Nov 08 j 13:21	7°♍22'37	0°18'58		-995 Apr 14 j 04:34	30°♌	
max. Earth dist.	-998 Nov 09 j 22:06	9°♍05'47	1.70983 AU	direct	-995 Apr 26 j 16:37	26°♌55'56	
desc. node	-998 Nov 16 j 12:27	17°♍24'19		desc. node	-995 May 03 j 07:08	27°♌44'47	
	-998 Nov 26 j 12:45	0°♌		greatest brilliancy	-995 May 09 j 11:52	29°♌50'00	-4.5m
evening rise	-998 Dec 20 j 10:04	29°♌58'53			-995 May 09 j 21:07	0°♍	
	-998 Dec 20 j 10:26	0°♌		morning max el	-995 Jun 14 j 12:00	26°♍43'58	45°46'38
	-997 Jan 13 j 10:57	0°♌			-995 Jun 17 j 21:13	0°♌	
	-997 Feb 06 j 15:56	0°♌			-995 Jul 16 j 11:32	0°♈	
	-997 Mar 03 j 03:50	0°♍			-995 Aug 11 j 18:14	0°♊	
asc. node	-997 Mar 09 j 14:31	7°♍49'04		asc. node	-995 Aug 24 j 09:39	14°♊58'17	
	-997 Mar 28 j 01:53	0°♌			-995 Sep 05 j 20:49	0°♋	
	-997 Apr 22 j 14:56	0°♈			-995 Sep 30 j 06:38	0°♍	
	-997 May 19 j 04:58	0°♊			-995 Oct 24 j 07:15	0°♌	
	-997 Jun 17 j 01:50	0°♋			-995 Nov 17 j 04:10	0°♍	
evening max el	-997 Jun 18 j 08:36	1°♋13'48	45°37'38		-995 Dec 11 j 00:57	0°♌	
desc. node	-997 Jun 29 j 04:55	11°♋06'58		morning set	-995 Dec 14 j 07:54	4°♌07'49	
greatest brilliancy	-997 Jul 26 j 05:58	28°♋57'55	-4.5m	desc. node	-995 Dec 14 j 00:13	3°♌43'40	
	-997 Jul 29 j 09:36	0°♍			-994 Jan 03 j 23:19	0°♌	
retrograde	-997 Aug 06 j 07:43	1°♍08'52					
	-997 Aug 13 j 22:28	30°♌		superior conj	-994 Jan 25 j 00:23	26°♌16'55	-1°-18'-12
evening set	-997 Aug 24 j 07:05	25°♌08'48		minimum elong	-994 Jan 24 j 16:09	25°♌51'18	1°18'05
inferior conj	-997 Aug 27 j 07:05	23°♌20'16	-8°-50'-28		-994 Jan 27 j 23:59	0°♌	
minimum elong	-997 Aug 27 j 08:00	23°♌18'53	8°50'28	max. Earth dist.	-994 Jan 29 j 07:28	1°♌38'01	1.72051 AU
min. Earth dist.	-997 Aug 27 j 22:11	22°♌57'16	0.27693 AU		-994 Feb 21 j 03:33	0°♌	
morning rise	-997 Aug 30 j 08:45	21°♌29'00		evening rise	-994 Mar 05 j 14:10	15°♌23'12	
direct	-997 Sep 17 j 08:57	15°♌23'04			-994 Mar 17 j 10:46	0°♍	
greatest brilliancy	-997 Oct 01 j 10:18	18°♌59'19	-4.6m	asc. node	-994 Apr 06 j 02:27	24°♍05'59	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-994 Apr 10 j 22:23	0°♄			-992 Dec 25 j 05:01	0°♄		
	-994 May 05 j 15:08	0°♂		desc. node	-991 Jan 10 j 12:09	20°♄15'13		
	-994 May 30 j 14:11	0°♂			-991 Jan 18 j 08:34	0°♂		
	-994 Jun 24 j 22:21	0°♂			-991 Feb 11 j 13:27	0°♂		
	-994 Jul 20 j 21:58	0°♂		morning set	-991 Feb 28 j 01:38	20°♂24'34		
desc. node	-994 Jul 26 j 16:45	6°♂31'10			-991 Mar 07 j 20:04	0°♂		
	-994 Aug 17 j 04:53	0°♂			-991 Apr 01 j 04:29	0°♂		
evening max el	-994 Aug 30 j 21:00	13°♂58'52	46°54'42					
	-994 Sep 17 j 09:58	0°♂		superior conj	-991 Apr 06 j 22:01	7°♂02'56	0°-57'-23	
greatest brilliancy	-994 Oct 09 j 03:14	13°♂51'15	-4.7m	minimum elong	-991 Apr 07 j 07:13	7°♂31'13	0°57'04	
retrograde	-994 Oct 20 j 01:32	16°♂04'27		max. Earth dist.	-991 Apr 08 j 01:42	8°♂28'01	1.73465 AU	
evening set	-994 Nov 03 j 16:48	11°♂51'33			-991 Apr 25 j 14:25	0°♂		
inferior conj	-994 Nov 09 j 14:08	8°♂24'27	-1°-51'-32	asc. node	-991 May 03 j 14:19	9°♂48'53		
minimum elong	-994 Nov 09 j 18:19	8°♂18'04	1°50'13	evening rise	-991 May 13 j 14:51	22°♂06'30		
min. Earth dist.	-994 Nov 09 j 13:45	8°♂25'01	0.26329 AU		-991 May 20 j 01:20	0°♂		
morning rise	-994 Nov 15 j 19:49	4°♂46'38			-991 Jun 13 j 12:54	0°♂		
asc. node	-994 Nov 16 j 18:50	4°♂17'00			-991 Jul 08 j 01:36	0°♂		
direct	-994 Nov 29 j 21:04	0°♂49'55			-991 Aug 01 j 16:55	0°♂		
greatest brilliancy	-994 Dec 11 j 19:09	3°♂29'26	-4.7m	desc. node	-991 Aug 23 j 04:49	25°♂58'26		
	-993 Jan 15 j 13:06	0°♂			-991 Aug 26 j 13:13	0°♂		
morning max el	-993 Jan 19 j 03:42	3°♂34'08	46°41'31		-991 Sep 20 j 18:14	0°♂		
	-993 Feb 13 j 01:40	0°♂			-991 Oct 16 j 16:27	0°♂		
desc. node	-993 Mar 08 j 09:53	26°♂23'50		evening max el	-991 Nov 11 j 06:57	27°♂46'16	47°25'02	
	-993 Mar 11 j 12:55	0°♂			-991 Nov 13 j 11:39	0°♂		
	-993 Apr 06 j 05:23	0°♂		asc. node	-991 Dec 14 j 06:51	25°♂54'57		
	-993 May 01 j 11:59	0°♂		greatest brilliancy	-991 Dec 18 j 23:35	28°♂25'32	-4.7m	
	-993 May 26 j 11:35	0°♂			-991 Dec 22 j 18:03	0°♂		
	-993 Jun 20 j 04:40	0°♂		retrograde	-990 Jan 01 j 10:16	1°♂49'08		
asc. node	-993 Jun 29 j 11:59	11°♂23'02			-990 Jan 10 j 17:28	30°♂		
	-993 Jul 14 j 15:10	0°♂		evening set	-990 Jan 18 j 02:46	26°♂16'53		
morning set	-993 Jul 17 j 18:06	3°♂51'26		min. Earth dist.	-990 Jan 21 j 08:55	24°♂16'38	0.27687 AU	
	-993 Aug 07 j 19:38	0°♂		inferior conj	-990 Jan 22 j 08:43	23°♂39'11	7°49'40	
max. Earth dist.	-993 Aug 19 j 22:58	15°♂09'03	1.71956 AU	minimum elong	-990 Jan 22 j 01:05	23°♂51'12	7°48'41	
				morning rise	-990 Jan 25 j 23:48	21°♂24'30		
superior conj	-993 Aug 23 j 16:20	19°♂48'26	1°24'26	direct	-990 Feb 12 j 01:52	15°♂42'57		
minimum elong	-993 Aug 23 j 16:02	19°♂47'31	1°24'27	greatest brilliancy	-990 Feb 22 j 18:01	17°♂49'00	-4.6m	
	-993 Aug 31 j 19:45	0°♂			-990 Mar 14 j 19:43	0°♂		
	-993 Sep 24 j 17:47	0°♂		morning max el	-990 Apr 02 j 06:01	16°♂18'21	46°00'58	
evening rise	-993 Oct 01 j 09:42	8°♂21'37		desc. node	-990 Apr 04 j 21:27	18°♂52'25		
	-993 Oct 18 j 15:45	0°♂			-990 Apr 15 j 21:44	0°♂		
desc. node	-993 Oct 19 j 02:38	0°♂34'08			-990 May 13 j 14:19	0°♂		
	-993 Nov 11 j 14:54	0°♂			-990 Jun 08 j 20:03	0°♂		
	-993 Dec 05 j 16:29	0°♂			-990 Jul 04 j 06:20	0°♂		
	-993 Dec 29 j 22:47	0°♂		asc. node	-990 Jul 26 j 23:53	27°♂26'08		
	-992 Jan 23 j 14:23	0°♂			-990 Jul 29 j 02:22	0°♂		
asc. node	-992 Feb 09 j 04:36	19°♂44'44			-990 Aug 22 j 11:12	0°♂		
	-992 Feb 17 j 23:27	0°♂		greatest brilliancy	-990 Sep 12 j 07:13	25°♂59'06	-3.9m	
	-992 Mar 15 j 18:31	0°♂			-990 Sep 15 j 12:05	0°♂		
evening max el	-992 Apr 04 j 16:30	20°♂21'15	45°19'07	morning set	-990 Sep 26 j 14:10	13°♂55'29		
	-992 Apr 15 j 05:14	0°♂			-990 Oct 09 j 08:37	0°♂		
greatest brilliancy	-992 May 09 j 03:44	16°♂31'49	-4.5m		-990 Nov 02 j 03:51	0°♂		
retrograde	-992 May 23 j 03:12	19°♂56'20						
desc. node	-992 May 30 j 19:06	18°♂46'58		superior conj	-990 Nov 05 j 17:59	4°♂31'20	0°23'05	
evening set	-992 Jun 07 j 05:04	15°♂36'14		minimum elong	-990 Nov 05 j 23:57	4°♂50'07	0°22'47	
inferior conj	-992 Jun 13 j 14:13	11°♂49'39	-3°-9'-20	max. Earth dist.	-990 Nov 07 j 06:45	6°♂27'08	1.70980 AU	
minimum elong	-992 Jun 13 j 07:36	11°♂59'54	3°07'32	desc. node	-990 Nov 15 j 14:29	16°♂56'02		
min. Earth dist.	-992 Jun 13 j 20:05	11°♂40'32	0.28832 AU		-990 Nov 25 j 23:46	0°♂		
morning rise	-992 Jun 19 j 09:39	8°♂20'06		evening rise	-990 Dec 17 j 19:45	27°♂24'14		
direct	-992 Jul 05 j 05:38	3°♂32'55			-990 Dec 19 j 21:30	0°♂		
greatest brilliancy	-992 Jul 19 j 16:48	7°♂10'14	-4.5m		-989 Jan 12 j 22:06	0°♂		
	-992 Aug 19 j 04:13	0°♂			-989 Feb 06 j 03:13	0°♂		
morning max el	-992 Aug 23 j 17:42	4°♂23'26	46°16'09		-989 Mar 02 j 15:23	0°♂		
	-992 Sep 17 j 00:09	0°♂		asc. node	-989 Mar 08 j 16:35	7°♂19'59		
asc. node	-992 Sep 20 j 21:30	4°♂21'48			-989 Mar 27 j 13:59	0°♂		
	-992 Oct 12 j 22:51	0°♂			-989 Apr 22 j 04:11	0°♂		
	-992 Nov 06 j 17:58	0°♂			-989 May 18 j 20:44	0°♂		
	-992 Dec 01 j 01:22	0°♂		evening max el	-989 Jun 15 j 23:40	29°♂00'13	45°35'35	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-989 Jun 17 j 00:49	0°♌		desc. node	-987 Dec 13 j 02:25	3°♊15'51	
desc. node	-989 Jun 28 j 07:01	10°♌07'36			-986 Jan 03 j 10:18	0°♊	
greatest brilliancy	-989 Jul 23 j 17:29	26°♌37'51	-4.5m				
retrograde	-989 Aug 03 j 20:57	28°♌49'54		superior conj	-986 Jan 22 j 11:48	23°♊48'58	-1°-16'-39
evening set	-989 Aug 21 j 19:55	22°♌51'02		minimum elong	-986 Jan 22 j 02:53	23°♊21'10	1°16'29
inferior conj	-989 Aug 24 j 20:54	21°♌00'46	-8°-50'-20	max. Earth dist.	-986 Jan 26 j 19:38	29°♊12'31	1.71992 AU
minimum elong	-989 Aug 24 j 20:54	21°♌00'46	8°50'21		-986 Jan 27 j 10:53	0°♊	
min. Earth dist.	-989 Aug 25 j 11:19	20°♌38'44	0.27751 AU		-986 Feb 20 j 14:23	0°♋	
morning rise	-989 Aug 27 j 21:44	19°♌10'28		evening rise	-986 Mar 03 j 04:17	13°♋05'07	
direct	-989 Sep 14 j 23:50	13°♌02'53			-986 Mar 16 j 21:37	0°♋	
greatest brilliancy	-989 Sep 29 j 00:25	16°♌37'51	-4.6m	asc. node	-986 Apr 05 j 04:29	23°♋38'38	
	-989 Oct 18 j 10:10	0°♍			-986 Apr 10 j 09:25	0°♋	
asc. node	-989 Oct 19 j 09:06	0°♍49'18			-986 May 05 j 02:30	0°♌	
morning max el	-989 Nov 04 j 17:40	16°♍23'46	46°52'14		-986 May 30 j 02:10	0°♌	
	-989 Nov 17 j 13:31	0°♌			-986 Jun 24 j 11:23	0°♌	
	-989 Dec 13 j 21:28	0°♍			-986 Jul 20 j 12:57	0°♍	
	-988 Jan 08 j 02:49	0°♎		desc. node	-986 Jul 25 j 18:54	5°♍53'29	
	-988 Feb 01 j 22:48	0°♎			-986 Aug 17 j 00:18	0°♌	
desc. node	-988 Feb 08 j 00:04	7°♎20'38		evening max el	-986 Aug 28 j 08:58	11°♌32'20	46°52'10
	-988 Feb 26 j 15:25	0°♎			-986 Sep 17 j 23:28	0°♍	
	-988 Mar 22 j 06:43	0°♋		greatest brilliancy	-986 Oct 06 j 17:33	11°♍24'27	-4.7m
	-988 Apr 15 j 21:09	0°♋		retrograde	-986 Oct 17 j 13:04	13°♍35'20	
morning set	-988 May 08 j 03:41	27°♋12'54		evening set	-986 Nov 01 j 06:45	9°♍19'51	
	-988 May 10 j 10:19	0°♌		inferior conj	-986 Nov 07 j 02:16	5°♍55'46	-2°-15'-30
asc. node	-988 May 31 j 02:16	25°♌20'01		minimum elong	-986 Nov 07 j 07:18	5°♍48'05	2°13'56
	-988 Jun 03 j 21:25	0°♌		min. Earth dist.	-986 Nov 07 j 03:47	5°♍53'26	0.26340 AU
max. Earth dist.	-988 Jun 10 j 13:31	8°♌12'11	1.73451 AU	morning rise	-986 Nov 13 j 07:42	2°♍18'13	
				asc. node	-986 Nov 15 j 21:01	1°♍02'34	
superior conj	-988 Jun 13 j 07:55	11°♌36'30	0°30'37		-986 Nov 18 j 09:51	30°♍	
minimum elong	-988 Jun 13 j 02:11	11°♌18'51	0°30'22	direct	-986 Nov 27 j 08:49	28°♌20'38	
	-988 Jun 28 j 05:47	0°♍			-986 Dec 06 j 16:22	0°♍	
evening rise	-988 Jul 19 j 01:36	25°♍45'55		greatest brilliancy	-986 Dec 09 j 10:50	1°♍04'05	-4.7m
	-988 Jul 22 j 11:35	0°♌			-985 Jan 15 j 13:18	0°♎	
	-988 Aug 15 j 15:56	0°♍		morning max el	-985 Jan 16 j 16:46	1°♎08'37	46°42'45
	-988 Sep 08 j 20:25	0°♌			-985 Feb 12 j 18:24	0°♎	
desc. node	-988 Sep 19 j 16:45	13°♌25'44		desc. node	-985 Mar 07 j 11:52	25°♎48'35	
	-988 Oct 03 j 02:36	0°♍			-985 Mar 11 j 02:53	0°♎	
	-988 Oct 27 j 12:11	0°♎			-985 Apr 05 j 17:56	0°♋	
	-988 Nov 21 j 04:34	0°♎			-985 Apr 30 j 23:42	0°♋	
	-988 Dec 16 j 12:08	0°♎			-985 May 25 j 22:48	0°♌	
asc. node	-987 Jan 10 j 18:45	28°♎18'36			-985 Jun 19 j 15:36	0°♌	
	-987 Jan 12 j 08:53	0°♋		asc. node	-985 Jun 28 j 14:07	10°♌56'20	
evening max el	-987 Jan 21 j 14:43	9°♋32'26	46°22'04		-985 Jul 14 j 01:57	0°♍	
	-987 Feb 13 j 14:53	0°♋		morning set	-985 Jul 15 j 11:22	1°♍43'09	
greatest brilliancy	-987 Feb 25 j 17:43	7°♋35'19	-4.5m		-985 Aug 07 j 06:23	0°♌	
retrograde	-987 Mar 12 j 09:50	11°♋25'15		max. Earth dist.	-985 Aug 17 j 15:12	12°♌56'07	1.72010 AU
evening set	-987 Mar 29 j 03:06	6°♋00'13					
inferior conj	-987 Apr 02 j 18:59	3°♋06'20	6°09'03	superior conj	-985 Aug 21 j 08:15	17°♌34'23	1°24'18
minimum elong	-987 Apr 03 j 04:18	2°♋51'31	6°07'13	minimum elong	-985 Aug 21 j 07:11	17°♌31'05	1°24'19
min. Earth dist.	-987 Apr 02 j 23:05	2°♋59'49	0.29017 AU		-985 Aug 31 j 06:33	0°♍	
	-987 Apr 07 j 19:38	30°♋			-985 Sep 24 j 04:43	0°♌	
morning rise	-987 Apr 08 j 05:45	29°♋45'23		evening rise	-985 Sep 28 j 21:59	5°♌55'17	
direct	-987 Apr 24 j 08:33	24°♋46'50		desc. node	-985 Oct 18 j 04:43	0°♍05'55	
desc. node	-987 May 02 j 09:14	25°♋57'53			-985 Oct 18 j 02:50	0°♍	
greatest brilliancy	-987 May 07 j 01:22	27°♋37'50	-4.5m		-985 Nov 11 j 02:11	0°♎	
	-987 May 11 j 22:29	0°♋			-985 Dec 05 j 04:00	0°♎	
morning max el	-987 Jun 12 j 03:06	24°♋32'29	45°46'25		-985 Dec 29 j 10:40	0°♎	
	-987 Jun 17 j 17:48	0°♌			-984 Jan 23 j 02:55	0°♋	
	-987 Jul 16 j 02:32	0°♌		asc. node	-984 Feb 08 j 06:37	19°♋11'40	
	-987 Aug 11 j 07:12	0°♍			-984 Feb 17 j 13:18	0°♋	
asc. node	-987 Aug 23 j 11:45	14°♍27'32			-984 Mar 15 j 11:31	0°♌	
	-987 Sep 05 j 08:49	0°♌		evening max el	-984 Apr 02 j 08:14	18°♌10'40	45°20'11
	-987 Sep 29 j 18:10	0°♍			-984 Apr 15 j 10:05	0°♌	
	-987 Oct 23 j 18:32	0°♌		greatest brilliancy	-984 May 06 j 16:39	14°♌19'09	-4.5m
	-987 Nov 16 j 15:20	0°♍		retrograde	-984 May 20 j 19:35	17°♌47'19	
	-987 Dec 10 j 12:02	0°♎		desc. node	-984 May 29 j 21:15	16°♌09'53	
morning set	-987 Dec 11 j 17:23	1°♎32'11		evening set	-984 Jun 04 j 20:14	13°♌27'42	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

inferior conj	-984 Jun 11 j 06:11	9°II39'51	-2°-50'-34			-982 Nov 25 j 10:55	0°𐌶	
minimum elong	-984 Jun 11 j 00:09	9°II49'12	2°48'53	evening rise		-982 Dec 15 j 05:32	24°𐌶49'30	
min. Earth dist.	-984 Jun 11 j 11:57	9°II30'55	0.28854 AU			-982 Dec 19 j 08:40	0°𐌶	
morning rise	-984 Jun 17 j 03:40	6°II07'41				-981 Jan 12 j 09:18	0°≈	
direct	-984 Jul 02 j 22:04	1°II22'37				-981 Feb 05 j 14:33	0°𐌶	
greatest brilliancy	-984 Jul 17 j 09:25	5°II00'41	-4.5m			-981 Mar 02 j 03:01	0°𐌶	
	-984 Aug 19 j 03:43	0°𐌶		asc. node		-981 Mar 07 j 18:36	6°𐌶50'32	
morning max el	-984 Aug 21 j 10:11	2°𐌶12'08	46°14'48			-981 Mar 27 j 02:15	0°𐌶	
	-984 Sep 16 j 16:15	0°𐌶				-981 Apr 21 j 17:44	0°II	
asc. node	-984 Sep 19 j 23:29	3°𐌶43'10				-981 May 18 j 13:02	0°𐌶	
	-984 Oct 12 j 12:33	0°𐌶		evening max el		-981 Jun 13 j 14:05	26°𐌶44'16	45°33'34
	-984 Nov 06 j 06:32	0°𐌶				-981 Jun 17 j 01:12	0°𐌶	
	-984 Nov 30 j 13:20	0°𐌶		desc. node		-981 Jun 27 j 09:09	9°𐌶06'02	
	-984 Dec 24 j 16:34	0°𐌶		greatest brilliancy		-981 Jul 21 j 05:42	24°𐌶17'50	-4.5m
desc. node	-983 Jan 09 j 14:15	19°𐌶46'29		retrograde		-981 Aug 01 j 09:39	26°𐌶30'25	
	-983 Jan 17 j 19:51	0°𐌶		evening set		-981 Aug 19 j 08:19	20°𐌶33'27	
	-983 Feb 11 j 00:30	0°≈		inferior conj		-981 Aug 22 j 10:44	18°𐌶40'53	-8°-49'-21
morning set	-983 Feb 25 j 15:48	18°≈06'11		minimum elong		-981 Aug 22 j 09:49	18°𐌶42'17	8°49'21
	-983 Mar 07 j 06:59	0°𐌶		min. Earth dist.		-981 Aug 23 j 00:48	18°𐌶19'20	0.27806 AU
	-983 Mar 31 j 15:18	0°𐌶		morning rise		-981 Aug 25 j 11:10	16°𐌶50'55	
				direct		-981 Sep 12 j 14:14	10°𐌶42'09	
superior conj	-983 Apr 04 j 14:50	4°𐌶53'54	0°-59'-45	greatest brilliancy		-981 Sep 26 j 15:09	14°𐌶16'34	-4.6m
minimum elong	-983 Apr 05 j 00:09	5°𐌶22'31	0°59'27	asc. node		-981 Oct 18 j 11:20	29°𐌶45'05	
max. Earth dist.	-983 Apr 05 j 22:00	6°𐌶29'44	1.73437 AU			-981 Oct 18 j 18:05	0°𐌶	
	-983 Apr 25 j 01:11	0°𐌶		morning max el		-981 Nov 02 j 06:39	13°𐌶56'45	46°51'29
asc. node	-983 May 02 j 16:28	9°𐌶22'23				-981 Nov 17 j 08:09	0°𐌶	
evening rise	-983 May 11 j 09:29	20°𐌶03'23				-981 Dec 13 j 12:33	0°𐌶	
	-983 May 19 j 12:10	0°II				-980 Jan 07 j 16:15	0°𐌶	
	-983 Jun 12 j 23:58	0°𐌶				-980 Feb 01 j 11:16	0°𐌶	
	-983 Jul 07 j 13:04	0°𐌶		desc. node		-980 Feb 07 j 02:02	6°𐌶49'17	
	-983 Aug 01 j 04:59	0°𐌶				-980 Feb 26 j 03:15	0°≈	
desc. node	-983 Aug 22 j 06:47	25°𐌶25'58				-980 Mar 21 j 18:06	0°𐌶	
	-983 Aug 26 j 02:08	0°𐌶				-980 Apr 15 j 08:13	0°𐌶	
	-983 Sep 20 j 08:29	0°𐌶		morning set		-980 May 05 j 22:19	25°𐌶09'44	
	-983 Oct 16 j 09:12	0°𐌶				-980 May 09 j 21:13	0°𐌶	
evening max el	-983 Nov 08 j 23:04	25°𐌶28'03	47°25'57	asc. node		-980 May 30 j 04:22	24°𐌶53'08	
	-983 Nov 13 j 11:12	0°𐌶				-980 Jun 03 j 08:16	0°II	
asc. node	-983 Dec 13 j 08:57	24°𐌶24'13		max. Earth dist.		-980 Jun 08 j 08:44	6°II10'17	1.73483 AU
greatest brilliancy	-983 Dec 16 j 15:30	26°𐌶05'19	-4.7m					
retrograde	-983 Dec 30 j 01:54	29°𐌶27'57		superior conj		-980 Jun 11 j 02:45	9°II33'21	0°27'44
evening set	-982 Jan 15 j 14:05	24°𐌶01'07		minimum elong		-980 Jun 10 j 21:30	9°II17'11	0°27'29
min. Earth dist.	-982 Jan 18 j 22:30	21°𐌶57'36	0.27616 AU			-980 Jun 27 j 16:42	0°𐌶	
inferior conj	-982 Jan 19 j 23:14	21°𐌶18'44	7°40'35	evening rise		-980 Jul 16 j 19:47	23°𐌶39'26	
minimum elong	-982 Jan 19 j 15:06	21°𐌶31'31	7°39'25			-980 Jul 21 j 22:39	0°𐌶	
morning rise	-982 Jan 23 j 16:34	19°𐌶00'57				-980 Aug 15 j 03:13	0°𐌶	
direct	-982 Feb 09 j 16:15	13°𐌶23'48				-980 Sep 08 j 08:03	0°𐌶	
greatest brilliancy	-982 Feb 20 j 06:06	15°𐌶28'21	-4.6m	desc. node		-980 Sep 18 j 18:49	12°𐌶55'37	
	-982 Mar 15 j 06:14	0°≈				-980 Oct 02 j 14:41	0°𐌶	
morning max el	-982 Mar 30 j 21:25	14°≈04'46	46°01'59			-980 Oct 27 j 00:52	0°𐌶	
desc. node	-982 Apr 03 j 23:36	18°≈04'30				-980 Nov 20 j 18:08	0°𐌶	
	-982 Apr 15 j 16:12	0°𐌶				-980 Dec 16 j 03:19	0°≈	
	-982 May 13 j 04:51	0°𐌶		asc. node		-979 Jan 09 j 20:48	27°≈34'02	
	-982 Jun 08 j 08:52	0°𐌶				-979 Jan 12 j 04:09	0°𐌶	
	-982 Jul 03 j 18:14	0°II		evening max el		-979 Jan 19 j 05:04	7°𐌶13'40	46°24'57
asc. node	-982 Jul 26 j 01:55	26°II57'25				-979 Feb 14 j 08:32	0°𐌶	
	-982 Jul 28 j 13:47	0°𐌶		greatest brilliancy		-979 Feb 23 j 11:15	5°𐌶26'09	-4.5m
	-982 Aug 21 j 22:23	0°𐌶		retrograde		-979 Mar 10 j 02:14	9°𐌶15'51	
greatest brilliancy	-982 Sep 13 j 04:50	27°𐌶47'13	-3.9m	evening set		-979 Mar 26 j 22:29	3°𐌶46'55	
	-982 Sep 14 j 23:12	0°𐌶		inferior conj		-979 Mar 31 j 11:46	0°𐌶56'57	6°22'15
morning set	-982 Sep 24 j 03:19	11°𐌶31'07		minimum elong		-979 Mar 31 j 21:02	0°𐌶42'13	6°20'30
	-982 Oct 08 j 19:44	0°𐌶		min. Earth dist.		-979 Mar 31 j 15:37	0°𐌶50'50	0.28999 AU
	-982 Nov 01 j 14:59	0°𐌶				-979 Apr 01 j 23:39	30°𐌶𐌶	
				morning rise		-979 Apr 05 j 19:45	27°𐌶39'41	
superior conj	-982 Nov 03 j 03:52	1°𐌶56'10	0°26'53	direct		-979 Apr 22 j 00:18	22°𐌶37'41	
minimum elong	-982 Nov 03 j 10:41	2°𐌶17'40	0°26'34	desc. node		-979 May 01 j 11:22	24°𐌶14'52	
max. Earth dist.	-982 Nov 04 j 12:28	3°𐌶38'52	1.70974 AU	greatest brilliancy		-979 May 04 j 15:50	25°𐌶26'43	-4.5m
desc. node	-982 Nov 14 j 16:40	16°𐌶27'46				-979 May 13 j 07:24	0°𐌶	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning max el	-979 Jun 09 j 18:23	22°Υ20'55	45°46'06		-977 Dec 28 j 22:55	0°≈	
	-979 Jun 17 j 13:57	0°Ϡ			-976 Jan 22 j 15:50	0°Ϡ	
	-979 Jul 15 j 17:38	0°Π		asc. node	-976 Feb 07 j 08:39	18°Ϡ37'36	
	-979 Aug 10 j 20:24	0°Ϡ			-976 Feb 17 j 03:36	0°Υ	
asc. node	-979 Aug 22 j 13:45	13°Ϡ55'36			-976 Mar 15 j 05:09	0°Ϡ	
	-979 Sep 04 j 21:07	0°Ω		evening max el	-976 Mar 31 j 00:53	16°Ϡ01'39	45°21'25
	-979 Sep 29 j 06:00	0°Ϡ			-976 Apr 15 j 17:21	0°Π	
	-979 Oct 23 j 06:06	0°Ϡ		greatest brilliancy	-976 May 04 j 07:13	12°Π08'26	-4.5m
	-979 Nov 16 j 02:47	0°Ϡ		retrograde	-976 May 18 j 12:20	15°Π38'29	
morning set	-979 Dec 09 j 02:45	28°Ϡ55'10		desc. node	-976 May 28 j 23:17	13°Π29'10	
	-979 Dec 09 j 23:23	0°Ϡ		evening set	-976 Jun 02 j 11:58	11°Π19'30	
desc. node	-979 Dec 12 j 04:24	2°Ϡ46'27		inferior conj	-976 Jun 08 j 22:27	7°Π30'27	-2°-31'-42
	-978 Jan 02 j 21:35	0°Ϡ		minimum elong	-976 Jun 08 j 17:03	7°Π38'50	2°30'10
				min. Earth dist.	-976 Jun 09 j 03:56	7°Π21'57	0.28871 AU
superior conj	-978 Jan 19 j 23:06	21°Ϡ19'34	-1°-14'-56	morning rise	-976 Jun 14 j 21:50	3°Π55'46	
minimum elong	-978 Jan 19 j 13:31	20°Ϡ49'41	1°14'43		-976 Jun 24 j 08:18	30°Ϡ	
max. Earth dist.	-978 Jan 24 j 04:41	26°Ϡ36'19	1.71932 AU	direct	-976 Jun 30 j 15:04	29°Ϡ13'04	
	-978 Jan 26 j 22:04	0°≈			-976 Jul 07 j 02:29	0°Π	
	-978 Feb 20 j 01:31	0°Ϡ		greatest brilliancy	-976 Jul 15 j 00:56	2°Π50'02	-4.5m
evening rise	-978 Feb 28 j 18:23	10°Ϡ46'01		morning max el	-976 Aug 19 j 02:34	0°Ϡ00'39	46°13'14
	-978 Mar 16 j 08:46	0°Υ			-976 Aug 19 j 02:19	0°Ϡ	
asc. node	-978 Apr 04 j 06:41	23°Υ11'00			-976 Sep 16 j 08:15	0°Ω	
	-978 Apr 09 j 20:42	0°Ϡ		asc. node	-976 Sep 19 j 01:43	3°Ω05'10	
	-978 May 04 j 14:08	0°Π			-976 Oct 12 j 02:22	0°Ϡ	
	-978 May 29 j 14:26	0°Ϡ			-976 Nov 05 j 19:21	0°Ϡ	
	-978 Jun 24 j 00:48	0°Ω			-976 Nov 30 j 01:36	0°Ϡ	
	-978 Jul 20 j 04:32	0°Ϡ			-976 Dec 24 j 04:26	0°Ϡ	
desc. node	-978 Jul 24 j 20:51	5°Ϡ13'48		desc. node	-975 Jan 08 j 16:17	19°Ϡ16'34	
	-978 Aug 16 j 20:48	0°Ϡ			-975 Jan 17 j 07:24	0°Ϡ	
evening max el	-978 Aug 25 j 21:15	9°Ϡ05'33	46°49'30		-975 Feb 10 j 11:49	0°≈	
	-978 Sep 18 j 18:17	0°Ϡ		morning set	-975 Feb 23 j 05:39	15°≈46'00	
greatest brilliancy	-978 Oct 04 j 06:50	8°Ϡ55'04	-4.7m		-975 Mar 06 j 18:07	0°Ϡ	
retrograde	-978 Oct 15 j 00:53	11°Ϡ04'47			-975 Mar 31 j 02:18	0°Υ	
evening set	-978 Oct 29 j 20:42	6°Ϡ46'14					
inferior conj	-978 Nov 04 j 14:13	3°Ϡ25'25	-2°-39'-19	superior conj	-975 Apr 02 j 07:31	2°Υ43'42	-1°-2'-3
minimum elong	-978 Nov 04 j 20:05	3°Ϡ16'29	2°37'30	minimum elong	-975 Apr 02 j 16:51	3°Υ12'26	1°01'45
min. Earth dist.	-978 Nov 04 j 17:23	3°Ϡ20'36	0.26356 AU	max. Earth dist.	-975 Apr 03 j 19:47	4°Υ35'17	1.73405 AU
	-978 Nov 10 j 10:48	30°Ϡ			-975 Apr 24 j 12:10	0°Ϡ	
morning rise	-978 Nov 10 j 19:14	29°Ϡ48'46		asc. node	-975 May 01 j 18:34	8°Ϡ55'07	
asc. node	-978 Nov 14 j 23:05	27°Ϡ51'31		evening rise	-975 May 09 j 04:11	17°Ϡ59'51	
direct	-978 Nov 24 j 20:56	25°Ϡ49'41			-975 May 18 j 23:12	0°Π	
greatest brilliancy	-978 Dec 07 j 02:08	28°Ϡ36'59	-4.7m		-975 Jun 12 j 11:11	0°Ϡ	
	-978 Dec 10 j 00:23	0°Ϡ			-975 Jul 07 j 00:39	0°Ω	
morning max el	-977 Jan 14 j 06:38	28°Ϡ43'56	46°43'58		-975 Jul 31 j 17:10	0°Ϡ	
	-977 Jan 15 j 12:49	0°Ϡ		desc. node	-975 Aug 21 j 08:56	24°Ϡ53'45	
	-977 Feb 12 j 11:10	0°Ϡ			-975 Aug 25 j 15:13	0°Ϡ	
desc. node	-977 Mar 06 j 13:56	25°Ϡ12'56			-975 Sep 19 j 23:00	0°Ϡ	
	-977 Mar 10 j 17:01	0°≈			-975 Oct 16 j 02:31	0°Ϡ	
	-977 Apr 05 j 06:42	0°Ϡ		evening max el	-975 Nov 06 j 15:10	23°Ϡ08'41	47°26'22
	-977 Apr 30 j 11:39	0°Υ			-975 Nov 13 j 12:18	0°Ϡ	
	-977 May 25 j 10:14	0°Ϡ		asc. node	-975 Dec 12 j 10:59	22°Ϡ48'25	
	-977 Jun 19 j 02:45	0°Π		greatest brilliancy	-975 Dec 14 j 08:13	23°Ϡ44'19	-4.7m
asc. node	-977 Jun 27 j 16:08	10°Π28'36		retrograde	-975 Dec 27 j 16:55	27°Ϡ04'15	
morning set	-977 Jul 13 j 05:03	29°Π35'34		evening set	-974 Jan 13 j 00:59	21°Ϡ43'24	
	-977 Jul 13 j 12:58	0°Ϡ		min. Earth dist.	-974 Jan 16 j 12:03	19°Ϡ35'55	0.27542 AU
	-977 Aug 06 j 17:23	0°Ω		inferior conj	-974 Jan 17 j 13:22	18°Ϡ56'08	7°30'26
max. Earth dist.	-977 Aug 15 j 07:39	10°Ω43'04	1.72070 AU	minimum elong	-974 Jan 17 j 04:48	19°Ϡ09'36	7°29'07
				morning rise	-974 Jan 21 j 09:07	16°Ϡ34'51	
superior conj	-977 Aug 19 j 00:23	15°Ω20'13	1°24'02	direct	-974 Feb 07 j 06:13	11°Ϡ02'43	
minimum elong	-977 Aug 18 j 22:36	15°Ω14'36	1°24'02	greatest brilliancy	-974 Feb 17 j 17:58	13°Ϡ05'35	-4.6m
	-977 Aug 30 j 17:40	0°Ϡ			-974 Mar 15 j 14:25	0°≈	
	-977 Sep 23 j 16:00	0°Ϡ		morning max el	-974 Mar 28 j 11:41	11°≈47'28	46°03'10
evening rise	-977 Sep 26 j 10:17	3°Ϡ27'53		desc. node	-974 Apr 03 j 01:47	17°≈16'48	
desc. node	-977 Oct 17 j 06:53	29°Ϡ36'48			-974 Apr 15 j 10:26	0°Ϡ	
	-977 Oct 17 j 14:17	0°Ϡ			-974 May 12 j 19:21	0°Υ	
	-977 Nov 10 j 13:49	0°Ϡ			-974 Jun 07 j 21:40	0°Ϡ	
	-977 Dec 04 j 15:52	0°Ϡ			-974 Jul 03 j 06:09	0°Π	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

asc. node	-974 Jul 25 j 03:59	26° Π 28'49			-971 Feb 15 j 08:33	0° Υ	
	-974 Jul 28 j 01:12	0° \mathfrak{S}		greatest brilliancy	-971 Feb 21 j 03:38	3° Υ 15'11	-4.6m
	-974 Aug 21 j 09:33	0° Ω		retrograde	-971 Mar 07 j 18:36	7° Υ 05'59	
greatest brilliancy	-974 Sep 13 j 22:38	29° Ω 23'30	-3.9m	evening set	-971 Mar 24 j 17:35	1° Υ 32'46	
	-974 Sep 14 j 10:16	0° \mathfrak{M}			-971 Mar 27 j 06:05	30° \mathfrak{R} \mathfrak{K}	
morning set	-974 Sep 21 j 17:08	9° \mathfrak{M} 08'54		inferior conj	-971 Mar 29 j 04:18	28° \mathfrak{K} 46'51	6°34'58
	-974 Oct 08 j 06:48	0° \mathfrak{A}		minimum elong	-971 Mar 29 j 13:27	28° \mathfrak{K} 32'18	6°33'19
				min. Earth dist.	-971 Mar 29 j 07:48	28° \mathfrak{K} 41'17	0.28985 AU
superior conj	-974 Oct 31 j 14:16	29° \mathfrak{A} 22'42	0°30'35	morning rise	-971 Apr 03 j 09:26	25° \mathfrak{K} 33'41	
minimum elong	-974 Oct 31 j 21:51	29° \mathfrak{A} 46'37	0°30'13	direct	-971 Apr 19 j 15:50	20° \mathfrak{K} 27'42	
	-974 Nov 01 j 02:06	0° \mathfrak{M}		desc. node	-971 Apr 30 j 13:23	22° \mathfrak{K} 34'59	
max. Earth dist.	-974 Nov 01 j 16:12	0° \mathfrak{M} 44'23	1.70979 AU	greatest brilliancy	-971 May 02 j 07:10	23° \mathfrak{K} 16'17	-4.5m
desc. node	-974 Nov 13 j 18:42	15° \mathfrak{M} 59'01			-971 May 14 j 07:04	0° Υ	
	-974 Nov 24 j 22:06	0° \mathfrak{J}		morning max el	-971 Jun 07 j 10:06	20° Υ 10'32	45°45'58
evening rise	-974 Dec 12 j 15:06	22° \mathfrak{J} 13'47			-971 Jun 17 j 09:25	0° \mathfrak{B}	
	-974 Dec 18 j 19:56	0° \mathfrak{Z}			-971 Jul 15 j 08:22	0° Π	
	-973 Jan 11 j 20:39	0° \approx			-971 Aug 10 j 09:18	0° \mathfrak{S}	
	-973 Feb 05 j 02:02	0° \mathfrak{K}		asc. node	-971 Aug 21 j 15:57	13° \mathfrak{S} 25'02	
	-973 Mar 01 j 14:48	0° Υ			-971 Sep 04 j 09:08	0° Ω	
asc. node	-973 Mar 06 j 20:47	6° Υ 21'13			-971 Sep 28 j 17:32	0° \mathfrak{M}	
	-973 Mar 26 j 14:41	0° \mathfrak{B}			-971 Oct 22 j 17:24	0° \mathfrak{A}	
	-973 Apr 21 j 07:28	0° Π			-971 Nov 15 j 13:55	0° \mathfrak{M}	
	-973 May 18 j 05:40	0° \mathfrak{S}		morning set	-971 Dec 06 j 12:39	26° \mathfrak{M} 20'47	
evening max el	-973 Jun 11 j 03:43	24° \mathfrak{S} 26'36	45°31'44		-971 Dec 09 j 10:25	0° \mathfrak{J}	
	-973 Jun 17 j 02:48	0° Ω		desc. node	-971 Dec 11 j 06:28	2° \mathfrak{J} 18'22	
desc. node	-973 Jun 26 j 11:09	8° Ω 02'54			-970 Jan 02 j 08:31	0° \mathfrak{Z}	
greatest brilliancy	-973 Jul 18 j 18:04	21° Ω 58'37	-4.5m				
retrograde	-973 Jul 29 j 22:33	24° Ω 12'12		superior conj	-970 Jan 17 j 10:34	18° \mathfrak{Z} 51'41	-1°-13'-3
evening set	-973 Aug 16 j 20:31	18° Ω 17'29		minimum elong	-970 Jan 17 j 00:25	18° \mathfrak{Z} 20'00	1°12'50
inferior conj	-973 Aug 20 j 00:48	16° Ω 22'11	-8°-47'-29	max. Earth dist.	-970 Jan 21 j 13:48	24° \mathfrak{Z} 01'16	1.71879 AU
minimum elong	-973 Aug 19 j 23:00	16° Ω 24'56	8°47'27		-970 Jan 26 j 08:55	0° \approx	
min. Earth dist.	-973 Aug 20 j 14:41	16° Ω 00'53	0.27858 AU		-970 Feb 19 j 12:20	0° \mathfrak{K}	
morning rise	-973 Aug 23 j 01:17	14° Ω 31'59		evening rise	-970 Feb 26 j 08:29	8° \mathfrak{K} 27'46	
direct	-973 Sep 10 j 04:25	8° Ω 22'32			-970 Mar 15 j 19:39	0° Υ	
greatest brilliancy	-973 Sep 24 j 06:54	11° Ω 57'43	-4.6m	asc. node	-970 Apr 03 j 08:42	22° Υ 43'32	
asc. node	-973 Oct 17 j 13:21	28° Ω 42'49			-970 Apr 09 j 07:47	0° \mathfrak{B}	
	-973 Oct 18 j 23:22	0° \mathfrak{M}			-970 May 04 j 01:35	0° Π	
morning max el	-973 Oct 30 j 19:26	11° \mathfrak{M} 30'03	46°50'48		-970 May 29 j 02:33	0° \mathfrak{S}	
	-973 Nov 17 j 02:05	0° \mathfrak{A}			-970 Jun 23 j 14:05	0° Ω	
	-973 Dec 13 j 03:15	0° \mathfrak{M}			-970 Jul 19 j 20:04	0° \mathfrak{M}	
	-972 Jan 07 j 05:29	0° \mathfrak{J}		desc. node	-970 Jul 23 j 23:01	4° \mathfrak{M} 35'12	
	-972 Jan 31 j 23:39	0° \mathfrak{Z}			-970 Aug 16 j 17:39	0° \mathfrak{A}	
desc. node	-972 Feb 06 j 04:10	6° \mathfrak{Z} 18'35		evening max el	-970 Aug 23 j 10:17	6° \mathfrak{A} 41'46	46°46'55
	-972 Feb 25 j 15:03	0° \approx			-970 Sep 19 j 18:59	0° \mathfrak{M}	
	-972 Mar 21 j 05:28	0° \mathfrak{K}		greatest brilliancy	-970 Oct 01 j 19:15	6° \mathfrak{M} 25'57	-4.7m
	-972 Apr 14 j 19:16	0° Υ		retrograde	-970 Oct 12 j 13:12	8° \mathfrak{M} 35'19	
morning set	-972 May 03 j 16:27	23° Υ 05'05		evening set	-970 Oct 27 j 10:52	4° \mathfrak{M} 13'30	
	-972 May 09 j 08:03	0° \mathfrak{B}		inferior conj	-970 Nov 02 j 02:07	0° \mathfrak{M} 55'58	-3°-2'-52
asc. node	-972 May 29 j 06:21	24° \mathfrak{B} 26'08		minimum elong	-970 Nov 02 j 08:47	0° \mathfrak{M} 45'52	3°00'50
	-972 Jun 02 j 19:02	0° Π		min. Earth dist.	-970 Nov 02 j 06:34	0° \mathfrak{M} 49'14	0.26371 AU
max. Earth dist.	-972 Jun 06 j 04:46	4° Π 11'15	1.73512 AU		-970 Nov 03 j 15:09	30° \mathfrak{R} \mathfrak{A}	
				morning rise	-970 Nov 08 j 06:29	27° \mathfrak{A} 20'42	
superior conj	-972 Jun 08 j 21:19	7° Π 29'45	0°24'46	asc. node	-970 Nov 14 j 01:07	24° \mathfrak{A} 46'58	
minimum elong	-972 Jun 08 j 16:34	7° Π 15'08	0°24'34	direct	-970 Nov 22 j 09:33	23° \mathfrak{A} 19'54	
	-972 Jun 27 j 03:30	0° \mathfrak{S}		greatest brilliancy	-970 Dec 04 j 16:37	26° \mathfrak{A} 10'04	-4.7m
evening rise	-972 Jul 14 j 14:03	21° \mathfrak{S} 33'42			-970 Dec 11 j 21:55	0° \mathfrak{M}	
	-972 Jul 21 j 09:36	0° Ω		morning max el	-969 Jan 11 j 21:00	26° \mathfrak{M} 21'46	46°45'15
	-972 Aug 14 j 14:23	0° \mathfrak{M}			-969 Jan 15 j 10:53	0° \mathfrak{J}	
	-972 Sep 07 j 19:31	0° \mathfrak{A}			-969 Feb 12 j 03:08	0° \mathfrak{Z}	
desc. node	-972 Sep 17 j 20:59	12° \mathfrak{A} 26'21		desc. node	-969 Mar 05 j 16:09	24° \mathfrak{Z} 39'13	
	-972 Oct 02 j 02:33	0° \mathfrak{M}			-969 Mar 10 j 06:34	0° \approx	
	-972 Oct 26 j 13:19	0° \mathfrak{J}			-969 Apr 04 j 19:00	0° \mathfrak{K}	
	-972 Nov 20 j 07:29	0° \mathfrak{Z}			-969 Apr 29 j 23:13	0° Υ	
	-972 Dec 15 j 18:24	0° \approx			-969 May 24 j 21:22	0° \mathfrak{B}	
asc. node	-971 Jan 08 j 22:51	26° \approx 49'29			-969 Jun 18 j 13:37	0° Π	
	-971 Jan 11 j 23:43	0° \mathfrak{K}		asc. node	-969 Jun 26 j 18:16	10° Π 01'59	
evening max el	-971 Jan 16 j 19:05	4° \mathfrak{K} 54'30	46°27'36	morning set	-969 Jul 10 j 22:31	27° Π 28'18	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-969 Jul 12 j 23:41	0°☿		min. Earth dist.	-966 Jan 14 j 02:01	17°☿14'33	0.27466 AU
	-969 Aug 06 j 04:06	0°♌		inferior conj	-966 Jan 15 j 03:32	16°☿34'25	7°19'28
max. Earth dist.	-969 Aug 12 j 22:41	8°♌26'41	1.72125 AU	minimum elong	-966 Jan 14 j 18:34	16°☿48'31	7°17'59
				morning rise	-966 Jan 19 j 01:46	14°☿09'23	
superior conj	-969 Aug 16 j 16:25	13°♌06'45	1°23'38	direct	-966 Feb 04 j 19:48	8°☿42'25	
minimum elong	-969 Aug 16 j 13:53	12°♌58'50	1°23'38	greatest brilliancy	-966 Feb 15 j 06:43	10°☿44'23	-4.6m
	-969 Aug 30 j 04:27	0°♍			-966 Mar 15 j 19:52	0°≈	
	-969 Sep 23 j 02:57	0°♎		morning max el	-966 Mar 26 j 01:03	9°≈28'43	46°04'28
evening rise	-969 Sep 23 j 22:36	1°♎01'38		desc. node	-966 Apr 02 j 03:43	16°≈30'06	
desc. node	-969 Oct 16 j 08:52	29°♎08'09			-966 Apr 15 j 03:54	0°♏	
	-969 Oct 17 j 01:25	0°♏			-966 May 12 j 09:21	0°♐	
	-969 Nov 10 j 01:09	0°♑			-966 Jun 07 j 10:06	0°♒	
	-969 Dec 04 j 03:25	0°☿			-966 Jul 02 j 17:46	0°♓	
	-969 Dec 28 j 10:49	0°≈		asc. node	-966 Jul 24 j 06:09	26°♓01'07	
	-968 Jan 22 j 04:24	0°♏			-966 Jul 27 j 12:25	0°☿	
asc. node	-968 Feb 06 j 10:52	18°♏05'17			-966 Aug 20 j 20:35	0°♌	
	-968 Feb 16 j 17:34	0°♐			-966 Sep 13 j 21:16	0°♍	
	-968 Mar 14 j 22:42	0°♒		greatest brilliancy	-966 Sep 14 j 22:05	1°♍17'52	-3.9m
evening max el	-968 Mar 28 j 17:32	13°♒53'45	45°22'28	morning set	-966 Sep 19 j 06:41	6°♍46'12	
	-968 Apr 16 j 02:44	0°♓			-966 Oct 07 j 17:47	0°♎	
greatest brilliancy	-968 May 01 j 22:39	9°♓59'36	-4.5m				
retrograde	-968 May 16 j 04:34	13°♓30'07		superior conj	-966 Oct 29 j 00:29	26°♎49'06	0°34'13
desc. node	-968 May 28 j 01:21	10°♓44'40		minimum elong	-966 Oct 29 j 08:47	27°♎15'15	0°33'50
evening set	-968 May 31 j 03:46	9°♓11'46		max. Earth dist.	-966 Oct 29 j 17:15	27°♎41'54	1.70982 AU
inferior conj	-968 Jun 06 j 14:37	5°♓21'38	-2°-12'-28		-966 Oct 31 j 13:06	0°♏	
minimum elong	-968 Jun 06 j 09:52	5°♓29'02	2°11'08	desc. node	-966 Nov 12 j 20:45	15°♏30'45	
min. Earth dist.	-968 Jun 06 j 20:00	5°♓13'17	0.28890 AU		-966 Nov 24 j 09:08	0°♑	
morning rise	-968 Jun 12 j 15:44	1°♓44'21		evening rise	-966 Dec 10 j 00:28	19°♑37'58	
	-968 Jun 16 j 01:28	30°♒♏			-966 Dec 18 j 07:01	0°☿	
direct	-968 Jun 28 j 08:00	27°♒04'05			-965 Jan 11 j 07:50	0°≈	
	-968 Jul 11 j 05:01	0°♓			-965 Feb 04 j 13:22	0°♏	
greatest brilliancy	-968 Jul 12 j 15:43	0°♓38'53	-4.5m		-965 Mar 01 j 02:27	0°♐	
morning max el	-968 Aug 16 j 18:05	27°♓47'42	46°11'44	asc. node	-965 Mar 05 j 22:49	5°♐51'52	
	-968 Aug 18 j 23:48	0°☿			-965 Mar 26 j 02:59	0°♒	
	-968 Sep 15 j 23:45	0°♌			-965 Apr 20 j 21:08	0°♓	
asc. node	-968 Sep 18 j 03:47	2°♌27'45			-965 May 17 j 22:23	0°☿	
	-968 Oct 11 j 15:46	0°♍		evening max el	-965 Jun 08 j 16:46	22°☿08'17	45°29'57
	-968 Nov 05 j 07:47	0°♎			-965 Jun 17 j 05:36	0°♌	
	-968 Nov 29 j 13:28	0°♏		desc. node	-965 Jun 25 j 13:18	6°♌59'01	
	-968 Dec 23 j 15:56	0°♑		greatest brilliancy	-965 Jul 16 j 05:21	19°♌38'49	-4.5m
desc. node	-967 Jan 07 j 18:24	18°♑47'57		retrograde	-965 Jul 27 j 11:47	21°♌54'42	
	-967 Jan 16 j 18:36	0°☿		evening set	-965 Aug 14 j 08:15	16°♌02'30	
	-967 Feb 09 j 22:47	0°≈		inferior conj	-965 Aug 17 j 14:52	14°♌03'50	-8°-44'-33
morning set	-967 Feb 20 j 19:33	13°≈27'03		minimum elong	-965 Aug 17 j 12:12	14°♌07'55	8°44'28
	-967 Mar 06 j 04:53	0°♏		min. Earth dist.	-965 Aug 18 j 04:32	13°♌42'56	0.27917 AU
	-967 Mar 30 j 12:57	0°♐		morning rise	-965 Aug 20 j 15:57	12°♌12'47	
				direct	-965 Sep 07 j 18:39	6°♌02'59	
superior conj	-967 Mar 31 j 00:18	0°♐34'57	-1°-4'-14	greatest brilliancy	-965 Sep 21 j 23:52	9°♌40'40	-4.6m
minimum elong	-967 Mar 31 j 09:38	1°♐03'38	1°03'58	asc. node	-965 Oct 16 j 15:23	27°♌41'49	
max. Earth dist.	-967 Apr 01 j 18:43	2°♐45'25	1.73370 AU		-965 Oct 19 j 02:58	0°♍	
	-967 Apr 23 j 22:46	0°♒		morning max el	-965 Oct 28 j 08:57	9°♍05'01	46°50'05
asc. node	-967 Apr 30 j 20:34	8°♒28'39			-965 Nov 16 j 19:44	0°♎	
evening rise	-967 May 06 j 22:56	15°♒57'28			-965 Dec 12 j 17:52	0°♏	
	-967 May 18 j 09:55	0°♓			-964 Jan 06 j 18:39	0°♑	
	-967 Jun 11 j 22:10	0°☿			-964 Jan 31 j 11:57	0°☿	
	-967 Jul 06 j 12:04	0°♌		desc. node	-964 Feb 05 j 06:19	5°☿48'10	
	-967 Jul 31 j 05:12	0°♍			-964 Feb 25 j 02:45	0°≈	
desc. node	-967 Aug 20 j 11:02	24°♍21'53			-964 Mar 20 j 16:45	0°♏	
	-967 Aug 25 j 04:10	0°♎			-964 Apr 14 j 06:14	0°♐	
	-967 Sep 19 j 13:27	0°♏		morning set	-964 May 01 j 10:48	21°♐01'11	
	-967 Oct 15 j 19:53	0°♑			-964 May 08 j 18:51	0°♒	
evening max el	-967 Nov 04 j 06:18	20°♑47'36	47°26'47	asc. node	-964 May 28 j 08:32	23°♒59'51	
	-967 Nov 13 j 14:20	0°☿			-964 Jun 02 j 05:46	0°♓	
asc. node	-967 Dec 11 j 13:07	21°☿10'08		max. Earth dist.	-964 Jun 04 j 02:29	2°♓17'29	1.73538 AU
greatest brilliancy	-967 Dec 12 j 01:43	21°☿25'02	-4.7m				
retrograde	-967 Dec 25 j 07:25	24°☿41'14		superior conj	-964 Jun 06 j 16:15	5°♓27'23	0°21'49
evening set	-966 Jan 10 j 11:54	19°☿26'33		minimum elong	-964 Jun 06 j 12:01	5°♓14'22	0°21'38

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-964 Jun 26 j 14:16	0°☿		greatest brilliancy	-962 Dec 02 j 06:26	23°☿41'44	-4.7m
evening rise	-964 Jul 12 j 08:47	19°☿29'37			-962 Dec 13 j 05:15	0°♊	
	-964 Jul 20 j 20:31	0°♊		morning max el	-961 Jan 09 j 11:21	23°♊58'24	46°46'11
	-964 Aug 14 j 01:34	0°♋			-961 Jan 15 j 08:33	0°♌	
	-964 Sep 07 j 07:04	0°♍			-961 Feb 11 j 19:17	0°♎	
desc. node	-964 Sep 16 j 22:59	11°♍56'15		desc. node	-961 Mar 04 j 18:06	24°♎03'41	
	-964 Oct 01 j 14:36	0°♏			-961 Mar 09 j 20:26	0°♐	
	-964 Oct 26 j 02:00	0°♑			-961 Apr 04 j 07:36	0°♒	
	-964 Nov 19 j 21:07	0°♓			-961 Apr 29 j 11:05	0°♑	
	-964 Dec 15 j 09:52	0°♐			-961 May 24 j 08:46	0°♒	
asc. node	-963 Jan 08 j 01:02	26°♐04'17			-961 Jun 18 j 00:44	0°♓	
	-963 Jan 11 j 20:04	0°♑		asc. node	-961 Jun 25 j 20:23	9°♓34'32	
evening max el	-963 Jan 14 j 09:37	2°♑36'11	46°30'34	morning set	-961 Jul 08 j 16:16	25°♓21'07	
	-963 Feb 16 j 18:34	0°♒			-961 Jul 12 j 10:41	0°☿	
greatest brilliancy	-963 Feb 18 j 19:41	1°♒03'38	-4.6m		-961 Aug 05 j 15:05	0°♊	
retrograde	-963 Mar 05 j 11:37	4°♒56'08		max. Earth dist.	-961 Aug 10 j 12:01	6°♊04'15	1.72179 AU
	-963 Mar 21 j 08:25	30°♒♋					
evening set	-963 Mar 22 j 12:45	29°♒18'30		superior conj	-961 Aug 14 j 08:58	10°♊54'10	1°23'07
inferior conj	-963 Mar 26 j 20:53	26°♒36'34	6°47'05	minimum elong	-961 Aug 14 j 05:44	10°♊44'07	1°23'06
minimum elong	-963 Mar 27 j 05:53	26°♒22'17	6°45'33		-961 Aug 29 j 15:32	0°♋	
min. Earth dist.	-963 Mar 26 j 23:37	26°♒32'14	0.28967 AU	evening rise	-961 Sep 21 j 11:32	28°♋36'33	
morning rise	-963 Mar 31 j 23:08	23°♒27'50			-961 Sep 22 j 14:09	0°♌	
direct	-963 Apr 17 j 07:43	18°♒17'35		desc. node	-961 Oct 15 j 10:58	28°♌39'10	
desc. node	-963 Apr 29 j 15:31	20°♒58'39			-961 Oct 16 j 12:48	0°♍	
greatest brilliancy	-963 Apr 29 j 22:25	21°♒05'49	-4.5m		-961 Nov 09 j 12:43	0°♌	
	-963 May 15 j 00:36	0°♑			-961 Dec 03 j 15:16	0°♎	
morning max el	-963 Jun 05 j 02:48	18°♑02'29	45°45'55		-961 Dec 27 j 23:06	0°♏	
	-963 Jun 17 j 04:22	0°♒			-960 Jan 21 j 17:27	0°♑	
	-963 Jul 14 j 22:58	0°♓		asc. node	-960 Feb 05 j 12:52	17°♑30'47	
	-963 Aug 09 j 22:10	0°☿			-960 Feb 16 j 08:10	0°♒	
asc. node	-963 Aug 20 j 17:59	12°☿53'54			-960 Mar 14 j 17:12	0°♓	
	-963 Sep 03 j 21:09	0°♊		evening max el	-960 Mar 26 j 09:47	11°♓43'28	45°23'42
	-963 Sep 28 j 05:09	0°♋			-960 Apr 16 j 16:09	0°♓	
	-963 Oct 22 j 04:49	0°♌		greatest brilliancy	-960 Apr 29 j 14:56	7°♓50'44	-4.5m
	-963 Nov 15 j 01:16	0°♍		retrograde	-960 May 13 j 20:29	11°♓20'58	
morning set	-963 Dec 03 j 22:15	23°♌44'36		desc. node	-960 May 27 j 03:29	7°♓55'32	
	-963 Dec 08 j 21:43	0°♌		evening set	-960 May 28 j 19:53	7°♓03'04	
desc. node	-963 Dec 10 j 08:39	1°♌49'47		inferior conj	-960 Jun 04 j 06:56	3°♓12'13	-1°-53'-18
	-962 Jan 01 j 19:43	0°♍		minimum elong	-960 Jun 04 j 02:50	3°♓18'37	1°52'08
				min. Earth dist.	-960 Jun 04 j 12:28	3°♓03'36	0.28905 AU
superior conj	-962 Jan 14 j 21:21	16°♓20'40	-1°-11'00		-960 Jun 09 j 13:54	30°♓♋	
minimum elong	-962 Jan 14 j 10:42	15°♓47'26	1°10'45	morning rise	-960 Jun 10 j 09:34	29°♓32'22	
max. Earth dist.	-962 Jan 18 j 22:43	21°♓24'37	1.71825 AU	direct	-960 Jun 26 j 00:40	24°♓54'33	
	-962 Jan 25 j 20:02	0°♎		greatest brilliancy	-960 Jul 10 j 06:12	28°♓26'32	-4.5m
	-962 Feb 18 j 23:25	0°♏			-960 Jul 13 j 08:31	0°♓	
evening rise	-962 Feb 23 j 22:08	6°♏07'24		morning max el	-960 Aug 14 j 08:55	25°♓32'16	46°10'17
	-962 Mar 15 j 06:47	0°♑			-960 Aug 18 j 20:54	0°☿	
asc. node	-962 Apr 02 j 10:45	22°♑15'29			-960 Sep 15 j 15:21	0°♊	
	-962 Apr 08 j 19:05	0°♒		asc. node	-960 Sep 17 j 05:46	1°♊49'32	
	-962 May 03 j 13:15	0°♓			-960 Oct 11 j 05:22	0°♋	
	-962 May 28 j 14:54	0°☿			-960 Nov 04 j 20:25	0°♌	
	-962 Jun 23 j 03:40	0°♊			-960 Nov 29 j 01:33	0°♍	
	-962 Jul 19 j 12:00	0°♋			-960 Dec 23 j 03:39	0°♌	
desc. node	-962 Jul 23 j 01:09	3°♋55'42		desc. node	-959 Jan 06 j 20:30	18°♌18'29	
	-962 Aug 16 j 15:21	0°♍			-959 Jan 16 j 06:04	0°♎	
evening max el	-962 Aug 21 j 00:15	4°♍20'13	46°44'17		-959 Feb 09 j 10:04	0°♏	
	-962 Sep 21 j 05:27	0°♏		morning set	-959 Feb 18 j 09:13	11°♏06'11	
greatest brilliancy	-962 Sep 29 j 07:24	3°♏56'47	-4.6m		-959 Mar 05 j 16:02	0°♑	
retrograde	-962 Oct 10 j 01:45	6°♏05'48					
evening set	-962 Oct 25 j 01:22	1°♏40'48		superior conj	-959 Mar 28 j 16:49	28°♏24'03	-1°-6'-21
	-962 Oct 27 j 23:56	30°♏♍		minimum elong	-959 Mar 29 j 02:04	28°♏52'31	1°06'05
inferior conj	-962 Oct 30 j 14:10	28°♍26'26	-3°-25'-46		-959 Mar 29 j 23:59	0°♑	
minimum elong	-962 Oct 30 j 21:34	28°♍15'13	3°23'34	max. Earth dist.	-959 Mar 30 j 15:37	0°♒48'06	1.73333 AU
min. Earth dist.	-962 Oct 30 j 19:33	28°♍18'16	0.26395 AU		-959 Apr 23 j 09:47	0°♓	
morning rise	-962 Nov 05 j 17:36	24°♍52'43		asc. node	-959 Apr 29 j 22:45	8°♓01'31	
asc. node	-962 Nov 13 j 03:17	21°♍48'03		evening rise	-959 May 04 j 17:19	13°♓52'46	
direct	-962 Nov 19 j 22:40	20°♍50'10			-959 May 17 j 21:00	0°♓	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-959 Jun 11 j 09:30	0°☿					-956 Jan 31 j 00:19	0°☿			
	-959 Jul 05 j 23:49	0°♌			desc. node		-956 Feb 04 j 08:17	5°☿16'52			
	-959 Jul 30 j 17:36	0°♍					-956 Feb 24 j 14:32	0°≈			
desc. node	-959 Aug 19 j 13:01	23°♍48'31					-956 Mar 20 j 04:06	0°♋			
	-959 Aug 24 j 17:32	0°♎					-956 Apr 13 j 17:19	0°♌			
	-959 Sep 19 j 04:23	0°♍			morning set		-956 Apr 29 j 05:09	18°♌56'53			
	-959 Oct 15 j 13:57	0°♎					-956 May 08 j 05:46	0°♍			
evening max el	-959 Nov 01 j 20:36	18°♎23'38	47°27'09		asc. node		-956 May 27 j 10:39	23°♍32'57			
	-959 Nov 13 j 18:11	0°☿					-956 Jun 01 j 16:38	0°♎			
greatest brilliancy	-959 Dec 09 j 19:21	19°☿05'14	-4.7m		max. Earth dist.		-956 Jun 02 j 01:24	0°♎26'54	1.73565 AU		
asc. node	-959 Dec 10 j 15:13	19°☿27'37									
retrograde	-959 Dec 22 j 21:35	22°☿17'52			superior conj		-956 Jun 04 j 11:02	3°♎24'07	0°18'50		
evening set	-958 Jan 07 j 22:57	17°☿09'09			minimum elong		-956 Jun 04 j 07:21	3°♎12'47	0°18'39		
min. Earth dist.	-958 Jan 11 j 16:24	14°☿52'22	0.27394 AU				-956 Jun 26 j 01:13	0°☿			
inferior conj	-958 Jan 12 j 17:49	14°☿12'24	7°07'46		evening rise		-956 Jul 10 j 03:24	17°☿24'43			
minimum elong	-958 Jan 12 j 08:31	14°☿27'02	7°06'07				-956 Jul 20 j 07:35	0°♌			
morning rise	-958 Jan 16 j 18:38	11°☿43'29					-956 Aug 13 j 12:53	0°♍			
direct	-958 Feb 02 j 09:05	6°☿21'36					-956 Sep 06 j 18:44	0°♎			
greatest brilliancy	-958 Feb 12 j 20:34	8°☿23'44	-4.6m		desc. node		-956 Sep 16 j 01:05	11°♎26'14			
	-958 Mar 15 j 23:47	0°≈					-956 Oct 01 j 02:45	0°♍			
morning max el	-958 Mar 23 j 14:03	7°≈07'58	46°05'41				-956 Oct 25 j 14:48	0°♎			
desc. node	-958 Apr 01 j 05:53	15°≈43'52					-956 Nov 19 j 10:56	0°☿			
	-958 Apr 14 j 21:21	0°♋					-956 Dec 15 j 01:39	0°≈			
	-958 May 11 j 23:35	0°♌			asc. node		-955 Jan 07 j 03:05	25°≈17'42			
	-958 Jun 06 j 22:50	0°♍					-955 Jan 11 j 17:13	0°♋			
	-958 Jul 02 j 05:42	0°♎			evening max el		-955 Jan 12 j 01:07	0°♋19'56	46°33'29		
asc. node	-958 Jul 23 j 08:12	25°♎32'08			greatest brilliancy		-955 Feb 16 j 12:05	28°♋52'10	-4.6m		
	-958 Jul 26 j 23:54	0°☿					-955 Feb 18 j 23:06	0°♌			
	-958 Aug 20 j 07:52	0°♌			retrograde		-955 Mar 03 j 04:58	2°♌45'40			
	-958 Sep 13 j 08:28	0°♍					-955 Mar 14 j 20:38	30°♋			
greatest brilliancy	-958 Sep 15 j 06:37	2°♍24'48	-3.9m		evening set		-955 Mar 20 j 07:48	27°♋03'50			
morning set	-958 Sep 16 j 20:21	4°♍23'12			inferior conj		-955 Mar 24 j 13:21	24°♋25'46	6°58'41		
	-958 Oct 07 j 05:00	0°♎			minimum elong		-955 Mar 24 j 22:08	24°♋11'50	6°57'16		
					min. Earth dist.		-955 Mar 24 j 14:57	24°♋23'13	0.28946 AU		
superior conj	-958 Oct 26 j 10:56	24°♎15'20	0°37'46		morning rise		-955 Mar 29 j 12:38	21°♋21'39			
minimum elong	-958 Oct 26 j 19:52	24°♎43'30	0°37'22		direct		-955 Apr 14 j 23:52	16°♋07'11			
max. Earth dist.	-958 Oct 26 j 20:05	24°♎44'10	1.70992 AU		greatest brilliancy		-955 Apr 27 j 12:33	18°♋53'58	-4.5m		
	-958 Oct 31 j 00:21	0°♍			desc. node		-955 Apr 28 j 17:38	19°♋25'29			
desc. node	-958 Nov 11 j 22:56	15°♍02'06					-955 May 15 j 13:42	0°♌			
	-958 Nov 23 j 20:27	0°♎			morning max el		-955 Jun 02 j 19:46	15°♌55'06	45°45'48		
evening rise	-958 Dec 07 j 10:02	17°♎01'57					-955 Jun 16 j 22:52	0°♍			
	-958 Dec 17 j 18:22	0°☿					-955 Jul 14 j 13:28	0°♎			
	-957 Jan 10 j 19:13	0°≈					-955 Aug 09 j 11:01	0°☿			
	-957 Feb 04 j 00:54	0°♋			asc. node		-955 Aug 19 j 20:03	12°☿22'46			
	-957 Feb 28 j 14:19	0°♌					-955 Sep 03 j 09:12	0°♌			
asc. node	-957 Mar 05 j 00:52	5°♌21'55					-955 Sep 27 j 16:46	0°♍			
	-957 Mar 25 j 15:36	0°♎					-955 Oct 21 j 16:14	0°♎			
	-957 Apr 20 j 11:12	0°♎					-955 Nov 14 j 12:34	0°♍			
	-957 May 17 j 15:47	0°☿			morning set		-955 Dec 01 j 07:53	21°♍08'45			
evening max el	-957 Jun 06 j 06:29	19°☿50'53	45°28'22				-955 Dec 08 j 08:55	0°♎			
	-957 Jun 17 j 10:30	0°♌			desc. node		-955 Dec 09 j 10:40	1°♎20'53			
desc. node	-957 Jun 24 j 15:24	5°♌52'32					-954 Jan 01 j 06:50	0°☿			
greatest brilliancy	-957 Jul 13 j 15:50	17°♌17'43	-4.5m								
retrograde	-957 Jul 25 j 01:45	19°♌37'04			superior conj		-954 Jan 12 j 07:56	13°☿49'07	-1°-8'-48		
evening set	-957 Aug 11 j 19:45	13°♌47'43			minimum elong		-954 Jan 11 j 20:53	13°☿14'33	1°08'30		
inferior conj	-957 Aug 15 j 05:04	11°♌45'17	-8°-40'-48		max. Earth dist.		-954 Jan 16 j 09:43	18°☿54'30	1.71775 AU		
minimum elong	-957 Aug 15 j 01:32	11°♌50'40	8°40'38				-954 Jan 25 j 07:06	0°≈			
min. Earth dist.	-957 Aug 15 j 18:08	11°♌25'17	0.27972 AU				-954 Feb 18 j 10:27	0°♋			
morning rise	-957 Aug 18 j 07:07	9°♌52'54			evening rise		-954 Feb 21 j 11:43	3°♋46'48			
direct	-957 Sep 05 j 09:15	3°♌43'23					-954 Mar 14 j 17:51	0°♌			
greatest brilliancy	-957 Sep 19 j 16:58	7°♌23'50	-4.6m		asc. node		-954 Apr 01 j 12:58	21°♌48'10			
asc. node	-957 Oct 15 j 17:39	26°♌42'26					-954 Apr 08 j 06:19	0°♍			
	-957 Oct 19 j 05:08	0°♍					-954 May 03 j 00:51	0°♎			
morning max el	-957 Oct 25 j 23:28	6°♍42'25	46°49'14				-954 May 28 j 03:13	0°☿			
	-957 Nov 16 j 13:07	0°♎					-954 Jun 22 j 17:17	0°♌			
	-957 Dec 12 j 08:27	0°♍					-954 Jul 19 j 04:10	0°♍			
	-956 Jan 06 j 07:52	0°♎			desc. node		-954 Jul 22 j 03:06	3°♍15'21			

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-954 Aug 16 j 13:57	0°♄			-951 Jan 15 j 17:18	0°♄	
evening max el	-954 Aug 18 j 14:23	1°♄59'06	46°41'27		-951 Feb 08 j 21:05	0°≈	
	-954 Sep 23 j 09:19	0°♄		morning set	-951 Feb 15 j 22:26	8°≈44'39	
greatest brilliancy	-954 Sep 26 j 20:25	1°♄28'32	-4.6m		-951 Mar 05 j 02:52	0°✠	
retrograde	-954 Oct 07 j 13:55	3°♄35'50					
	-954 Oct 21 j 00:28	30°♄		superior conj	-951 Mar 26 j 09:08	26°✠13'30	-1°-8'-23
evening set	-954 Oct 22 j 15:56	29°♄07'51		minimum elong	-951 Mar 26 j 18:15	26°✠41'32	1°08'08
inferior conj	-954 Oct 28 j 02:06	25°♄56'49	-3°-48'-21	max. Earth dist.	-951 Mar 28 j 11:03	28°✠47'08	1.73294 AU
minimum elong	-954 Oct 28 j 10:10	25°♄44'35	3°46'00		-951 Mar 29 j 10:43	0°♄	
min. Earth dist.	-954 Oct 28 j 08:34	25°♄47'00	0.26416 AU		-951 Apr 22 j 20:30	0°♄	
morning rise	-954 Nov 03 j 04:16	22°♄24'45		asc. node	-951 Apr 29 j 00:50	7°♄34'56	
asc. node	-954 Nov 12 j 05:22	18°♄54'51		evening rise	-951 May 02 j 11:36	11°♄48'42	
direct	-954 Nov 17 j 11:30	18°♄20'31			-951 May 17 j 07:49	0°♄	
greatest brilliancy	-954 Nov 29 j 19:38	21°♄12'38	-4.7m		-951 Jun 10 j 20:33	0°♄	
	-954 Dec 14 j 03:50	0°♄			-951 Jul 05 j 11:17	0°♄	
morning max el	-953 Jan 07 j 00:40	21°♄32'45	46°47'04		-951 Jul 30 j 05:41	0°♄	
	-953 Jan 15 j 05:18	0°♄		desc. node	-951 Aug 18 j 15:11	23°♄16'47	
	-953 Feb 11 j 10:59	0°♄			-951 Aug 24 j 06:36	0°♄	
desc. node	-953 Mar 03 j 20:14	23°♄29'28			-951 Sep 18 j 19:08	0°♄	
	-953 Mar 09 j 09:59	0°≈			-951 Oct 15 j 08:08	0°♄	
	-953 Apr 03 j 19:59	0°✠		evening max el	-951 Oct 30 j 10:00	15°♄57'58	47°27'13
	-953 Apr 28 j 22:44	0°♄			-951 Nov 13 j 23:41	0°♄	
	-953 May 23 j 19:57	0°♄		greatest brilliancy	-951 Dec 07 j 12:14	16°♄44'04	-4.7m
	-953 Jun 17 j 11:38	0°♄		asc. node	-951 Dec 09 j 17:16	17°♄40'44	
asc. node	-953 Jun 24 j 22:26	9°♄07'29		retrograde	-951 Dec 20 j 11:27	19°♄53'55	
morning set	-953 Jul 06 j 10:10	23°♄15'05		evening set	-950 Jan 05 j 09:34	14°♄50'50	
	-953 Jul 11 j 21:28	0°♄		min. Earth dist.	-950 Jan 09 j 06:37	12°♄29'09	0.27323 AU
	-953 Aug 05 j 01:53	0°♄		inferior conj	-950 Jan 10 j 07:44	11°♄49'41	6°54'59
max. Earth dist.	-953 Aug 08 j 01:22	3°♄42'38	1.72240 AU	minimum elong	-950 Jan 09 j 22:11	12°♄04'43	6°53'10
				morning rise	-950 Jan 14 j 11:18	9°♄16'52	
superior conj	-953 Aug 12 j 01:37	8°♄42'39	1°22'27	direct	-950 Jan 30 j 21:38	3°♄59'54	
minimum elong	-953 Aug 11 j 21:45	8°♄30'34	1°22'26	greatest brilliancy	-950 Feb 10 j 10:46	6°♄03'16	-4.6m
	-953 Aug 29 j 02:26	0°♄			-950 Mar 16 j 01:53	0°≈	
evening rise	-953 Sep 19 j 00:23	26°♄11'47		morning max el	-950 Mar 21 j 03:15	4°≈48'10	46°07'06
	-953 Sep 22 j 01:14	0°♄		desc. node	-950 Mar 31 j 08:03	14°≈58'58	
desc. node	-953 Oct 14 j 13:07	28°♄10'43			-950 Apr 14 j 14:08	0°✠	
	-953 Oct 16 j 00:03	0°♄			-950 May 11 j 13:20	0°♄	
	-953 Nov 09 j 00:11	0°♄			-950 Jun 06 j 11:09	0°♄	
	-953 Dec 03 j 03:00	0°♄			-950 Jul 01 j 17:15	0°♄	
	-953 Dec 27 j 11:14	0°≈		asc. node	-950 Jul 22 j 10:16	25°♄04'16	
	-952 Jan 21 j 06:22	0°✠			-950 Jul 26 j 11:03	0°♄	
asc. node	-952 Feb 04 j 14:57	16°✠57'03			-950 Aug 19 j 18:48	0°♄	
	-952 Feb 15 j 22:41	0°♄			-950 Sep 12 j 19:19	0°♄	
	-952 Mar 14 j 11:54	0°♄		morning set	-950 Sep 14 j 10:28	2°♄02'48	
evening max el	-952 Mar 24 j 01:13	9°♄31'46	45°24'59		-950 Oct 06 j 15:51	0°♄	
	-952 Apr 17 j 09:41	0°♄					
greatest brilliancy	-952 Apr 27 j 06:51	5°♄42'07	-4.5m	superior conj	-950 Oct 23 j 21:40	21°♄43'38	0°41'12
retrograde	-952 May 11 j 12:13	9°♄12'48		minimum elong	-950 Oct 24 j 07:10	22°♄13'33	0°40'48
desc. node	-952 May 26 j 05:32	5°♄03'50		max. Earth dist.	-950 Oct 24 j 03:18	22°♄01'23	1.71008 AU
evening set	-952 May 26 j 12:09	4°♄54'57			-950 Oct 30 j 11:15	0°♄	
inferior conj	-952 Jun 01 j 23:17	1°♄03'52	-1°-33'-59	desc. node	-950 Nov 11 j 00:56	14°♄33'56	
minimum elong	-952 Jun 01 j 19:52	1°♄09'12	1°32'59		-950 Nov 23 j 07:26	0°♄	
min. Earth dist.	-952 Jun 02 j 05:19	0°♄54'27	0.28918 AU	evening rise	-950 Dec 04 j 19:33	14°♄26'45	
	-952 Jun 03 j 16:17	30°♄			-950 Dec 17 j 05:26	0°♄	
morning rise	-952 Jun 08 j 03:18	27°♄21'36			-949 Jan 10 j 06:22	0°≈	
direct	-952 Jun 23 j 16:45	22°♄45'58			-949 Feb 03 j 12:12	0°✠	
greatest brilliancy	-952 Jul 07 j 21:03	26°♄15'39	-4.5m		-949 Feb 28 j 01:59	0°♄	
	-952 Jul 14 j 17:54	0°♄		asc. node	-949 Mar 04 j 03:04	4°♄53'07	
morning max el	-952 Aug 11 j 23:13	23°♄16'37	46°08'54		-949 Mar 25 j 03:59	0°♄	
	-952 Aug 18 j 16:55	0°♄			-949 Apr 20 j 01:08	0°♄	
	-952 Sep 15 j 06:24	0°♄			-949 May 17 j 09:15	0°♄	
asc. node	-952 Sep 16 j 08:02	1°♄13'21		evening max el	-949 Jun 03 j 21:05	17°♄36'42	45°26'54
	-952 Oct 10 j 18:36	0°♄			-949 Jun 17 j 17:03	0°♄	
	-952 Nov 04 j 08:47	0°♄		desc. node	-949 Jun 23 j 17:25	4°♄44'56	
	-952 Nov 28 j 13:24	0°♄		greatest brilliancy	-949 Jul 11 j 01:47	14°♄57'12	-4.5m
	-952 Dec 22 j 15:10	0°♄		retrograde	-949 Jul 22 j 16:04	17°♄20'28	
desc. node	-951 Jan 05 j 22:32	17°♄49'28		evening set	-949 Aug 09 j 07:01	11°♄34'24	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 91

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

inferior conj	-949 Aug 12 j 19:14	9°Ω27'45	-8°-36'-17	superior conj	-946 Jan 09 j 18:46	11°☾18'48	-1°-6'-28
minimum elong	-949 Aug 12 j 14:55	9°Ω34'21	8°36'01	minimum elong	-946 Jan 09 j 07:23	10°☾43'15	1°06'09
min. Earth dist.	-949 Aug 13 j 07:27	9°Ω09'04	0.28024 AU	max. Earth dist.	-946 Jan 13 j 23:04	16°☾32'16	1.71722 AU
morning rise	-949 Aug 15 j 22:35	7°Ω33'33			-946 Jan 24 j 17:58	0°≈	
direct	-949 Sep 03 j 00:20	1°Ω24'58			-946 Feb 17 j 21:18	0°✕	
greatest brilliancy	-949 Sep 17 j 09:09	5°Ω07'06	-4.6m	evening rise	-946 Feb 19 j 01:22	1°✕26'55	
asc. node	-949 Oct 14 j 19:38	25°Ω44'50			-946 Mar 14 j 04:47	0°Υ	
	-949 Oct 19 j 05:32	0°♐		asc. node	-946 Mar 31 j 14:58	21°Υ20'35	
morning max el	-949 Oct 23 j 14:47	4°♐23'16	46°48'28		-946 Apr 07 j 17:26	0°♄	
	-949 Nov 16 j 05:46	0°♌			-946 May 02 j 12:23	0°♈	
	-949 Dec 11 j 22:31	0°♍			-946 May 27 j 15:30	0°☿	
	-948 Jan 05 j 20:40	0°♊			-946 Jun 22 j 06:55	0°♌	
	-948 Jan 30 j 12:22	0°☾			-946 Jul 18 j 20:31	0°♐	
desc. node	-948 Feb 03 j 10:24	4°☾46'54		desc. node	-946 Jul 21 j 05:17	2°♐35'31	
	-948 Feb 24 j 02:03	0°≈		evening max el	-946 Aug 16 j 03:57	29°♐37'01	46°38'32
	-948 Mar 19 j 15:13	0°✕			-946 Aug 16 j 13:23	0°♌	
	-948 Apr 13 j 04:09	0°Υ		greatest brilliancy	-946 Sep 24 j 10:15	29°♌01'35	-4.6m
morning set	-948 Apr 26 j 23:14	16°Υ52'31			-946 Sep 27 j 09:41	0°♍	
	-948 May 07 j 16:26	0°♄		retrograde	-946 Oct 05 j 01:27	1°♍06'13	
asc. node	-948 May 26 j 12:38	23°♄06'26			-946 Oct 12 j 10:41	30°♌♌	
max. Earth dist.	-948 May 31 j 01:24	28°♄40'33	1.73587 AU	evening set	-946 Oct 20 j 06:41	26°♌35'06	
	-948 Jun 01 j 03:15	0°♈		inferior conj	-946 Oct 25 j 14:05	23°♌27'38	-4°-10'-29
				minimum elong	-946 Oct 25 j 22:45	23°♌14'28	4°08'00
superior conj	-948 Jun 02 j 05:37	1°♈21'02	0°15'47	min. Earth dist.	-946 Oct 25 j 21:58	23°♌15'39	0.26442 AU
minimum elong	-948 Jun 02 j 02:30	1°♈11'27	0°15'39	morning rise	-946 Oct 31 j 14:39	19°♌57'19	
behind sun begin	-948 Jun 01 j 23:24	1°♈01'55		asc. node	-946 Nov 11 j 07:24	16°♌07'51	
behind sun end	-948 Jun 02 j 05:36	1°♈20'59		direct	-946 Nov 14 j 23:56	15°♌51'03	
	-948 Jun 25 j 11:53	0°☿		greatest brilliancy	-946 Nov 27 j 09:30	18°♌44'18	-4.7m
evening rise	-948 Jul 07 j 22:02	15°☿20'44			-946 Dec 14 j 20:34	0°♍	
	-948 Jul 19 j 18:25	0°♌		morning max el	-945 Jan 04 j 13:14	19°♍05'03	46°48'09
	-948 Aug 13 j 00:00	0°♐			-945 Jan 15 j 01:19	0°♊	
	-948 Sep 06 j 06:13	0°♌			-945 Feb 11 j 02:22	0°☾	
desc. node	-948 Sep 15 j 03:14	10°♌57'01		desc. node	-945 Mar 02 j 22:23	22°☾55'43	
	-948 Sep 30 j 14:42	0°♍			-945 Mar 08 j 23:20	0°≈	
	-948 Oct 25 j 03:22	0°♊			-945 Apr 03 j 08:13	0°✕	
	-948 Nov 19 j 00:32	0°☾			-945 Apr 28 j 10:18	0°Υ	
	-948 Dec 14 j 17:19	0°≈			-945 May 23 j 07:06	0°♄	
asc. node	-947 Jan 06 j 05:09	24°≈31'21			-945 Jun 16 j 22:33	0°♈	
evening max el	-947 Jan 09 j 17:25	28°≈06'25	46°36'13	asc. node	-945 Jun 24 j 00:33	8°♈40'37	
	-947 Jan 11 j 14:47	0°✕		morning set	-945 Jul 04 j 03:59	21°♈08'49	
greatest brilliancy	-947 Feb 14 j 05:21	26°✕42'18	-4.6m		-945 Jul 11 j 08:16	0°☿	
	-947 Feb 23 j 10:14	0°Υ			-945 Aug 04 j 12:42	0°♌	
retrograde	-947 Feb 28 j 22:12	0°Υ35'17		max. Earth dist.	-945 Aug 05 j 15:53	1°♌24'38	1.72300 AU
	-947 Mar 06 j 06:30	30°♌♌					
evening set	-947 Mar 18 j 02:49	24°✕49'32		superior conj	-945 Aug 09 j 18:19	6°♌31'18	1°21'41
inferior conj	-947 Mar 22 j 05:46	22°✕15'10	7°09'46	minimum elong	-945 Aug 09 j 13:49	6°♌17'15	1°21'38
minimum elong	-947 Mar 22 j 14:18	22°✕01'38	7°08'27		-945 Aug 28 j 13:22	0°♐	
min. Earth dist.	-947 Mar 22 j 06:07	22°✕14'36	0.28924 AU	evening rise	-945 Sep 16 j 13:29	23°♐47'47	
morning rise	-947 Mar 27 j 02:01	19°✕15'38			-945 Sep 21 j 12:20	0°♌	
direct	-947 Apr 12 j 16:21	13°✕57'10		desc. node	-945 Oct 13 j 15:06	27°♌41'33	
greatest brilliancy	-947 Apr 25 j 01:43	16°✕41'14	-4.5m		-945 Oct 15 j 11:22	0°♍	
desc. node	-947 Apr 27 j 19:37	17°✕55'34			-945 Nov 08 j 11:43	0°♊	
	-947 May 15 j 23:16	0°Υ			-945 Dec 02 j 14:50	0°☾	
morning max el	-947 May 31 j 12:32	13°Υ47'44	45°45'41		-945 Dec 26 j 23:31	0°≈	
	-947 Jun 16 j 16:44	0°♄			-944 Jan 20 j 19:24	0°✕	
	-947 Jul 14 j 03:36	0°♈		asc. node	-944 Feb 03 j 17:09	16°✕23'22	
	-947 Aug 08 j 23:36	0°☿			-944 Feb 15 j 13:22	0°Υ	
asc. node	-947 Aug 18 j 22:13	11°☿52'36			-944 Mar 14 j 07:05	0°♄	
	-947 Sep 02 j 21:01	0°♌		evening max el	-944 Mar 21 j 16:01	7°♄18'35	45°26'23
	-947 Sep 27 j 04:13	0°♐			-944 Apr 18 j 09:27	0°♈	
	-947 Oct 21 j 03:29	0°♌		greatest brilliancy	-944 Apr 24 j 21:38	3°♈32'09	-4.5m
	-947 Nov 13 j 23:42	0°♍		retrograde	-944 May 09 j 04:07	7°♈05'06	
morning set	-947 Nov 28 j 17:56	18°♍34'42		evening set	-944 May 24 j 04:40	2°♈46'39	
	-947 Dec 07 j 19:57	0°♊		desc. node	-944 May 25 j 07:34	2°♈09'27	
desc. node	-947 Dec 08 j 12:43	0°♊52'43			-944 May 28 j 22:30	30°♌♌	
	-947 Dec 31 j 17:46	0°☾		inferior conj	-944 May 30 j 15:48	28°♄55'44	-1°-14'-33
				minimum elong	-944 May 30 j 13:05	28°♄59'59	1°13'46

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

min. Earth dist.	-944 May 30 j 22:27	28° ♁ 45'20	0.28935 AU	evening rise	-942 Dec 02 j 04:57	11° ♁ 50'08	
morning rise	-944 Jun 05 j 21:06	25° ♁ 11'20			-942 Dec 16 j 16:49	0° ♁	
direct	-944 Jun 21 j 08:43	20° ♁ 37'19			-941 Jan 09 j 17:52	0° \approx	
greatest brilliancy	-944 Jul 05 j 13:15	24° ♁ 06'22	-4.5m		-941 Feb 02 j 23:53	0° ♁	
	-944 Jul 15 j 17:52	0° ♁			-941 Feb 27 j 14:04	0° ♁	
morning max el	-944 Aug 09 j 14:05	21° ♁ 01'59	46°07'34	asc. node	-941 Mar 03 j 05:03	4° ♁ 22'29	
	-944 Aug 18 j 12:31	0° ♁			-941 Mar 24 j 16:51	0° ♁	
	-944 Sep 14 j 21:26	0° ♁			-941 Apr 19 j 15:34	0° ♁	
asc. node	-944 Sep 15 j 10:02	0° ♁ 36'12			-941 May 17 j 03:26	0° ♁	
	-944 Oct 10 j 07:53	0° ♁		evening max el	-941 Jun 01 j 12:34	15° ♁ 24'00	45°25'34
	-944 Nov 03 j 21:14	0° ♁			-941 Jun 18 j 02:27	0° ♁	
	-944 Nov 28 j 01:22	0° ♁		desc. node	-941 Jun 22 j 19:34	3° ♁ 35'04	
	-944 Dec 22 j 02:48	0° ♁		greatest brilliancy	-941 Jul 08 j 12:02	12° ♁ 36'48	-4.5m
desc. node	-943 Jan 05 j 00:39	17° ♁ 20'11		retrograde	-941 Jul 20 j 06:28	15° ♁ 03'32	
	-943 Jan 15 j 04:43	0° ♁		evening set	-941 Aug 06 j 18:16	9° ♁ 21'19	
	-943 Feb 08 j 08:18	0° \approx		inferior conj	-941 Aug 10 j 09:34	7° ♁ 09'57	-8°-30'-53
morning set	-943 Feb 13 j 11:29	6° \approx 21'52		minimum elong	-941 Aug 10 j 04:30	7° ♁ 17'41	8°30'31
	-943 Mar 04 j 13:54	0° ♁		min. Earth dist.	-941 Aug 10 j 20:45	6° ♁ 52'50	0.28076 AU
				morning rise	-941 Aug 13 j 14:34	5° ♁ 13'19	
superior conj	-943 Mar 24 j 01:32	24° ♁ 02'38	-1°-10'-18		-941 Aug 25 j 00:43	30° ♁	
minimum elong	-943 Mar 24 j 10:27	24° ♁ 30'04	1°10'04	direct	-941 Aug 31 j 16:01	29° ♁ 06'29	
max. Earth dist.	-943 Mar 26 j 04:59	26° ♁ 41'04	1.73250 AU		-941 Sep 07 j 11:48	0° ♁	
	-943 Mar 28 j 21:37	0° ♁		greatest brilliancy	-941 Sep 15 j 00:28	2° ♁ 48'40	-4.6m
	-943 Apr 22 j 07:22	0° ♁		asc. node	-941 Oct 13 j 21:42	24° ♁ 47'27	
asc. node	-943 Apr 28 j 02:51	7° ♁ 07'47			-941 Oct 19 j 05:19	0° ♁	
evening rise	-943 Apr 30 j 06:01	9° ♁ 44'36		morning max el	-941 Oct 21 j 06:11	2° ♁ 03'16	46°47'22
greatest brilliancy	-943 Apr 30 j 11:13	10° ♁ 00'34	-3.9m		-941 Nov 15 j 22:36	0° ♁	
	-943 May 16 j 18:48	0° ♁			-941 Dec 11 j 12:55	0° ♁	
	-943 Jun 10 j 07:49	0° ♁			-940 Jan 05 j 09:50	0° ♁	
	-943 Jul 04 j 23:00	0° ♁			-940 Jan 30 j 00:46	0° ♁	
	-943 Jul 29 j 18:05	0° ♁		desc. node	-940 Feb 02 j 12:34	4° ♁ 15'55	
desc. node	-943 Aug 17 j 17:15	22° ♁ 43'42			-940 Feb 23 j 13:54	0° \approx	
	-943 Aug 23 j 20:03	0° ♁			-940 Mar 19 j 02:41	0° ♁	
	-943 Sep 18 j 10:22	0° ♁			-940 Apr 12 j 15:22	0° ♁	
	-943 Oct 15 j 03:04	0° ♁		morning set	-940 Apr 24 j 17:15	14° ♁ 46'44	
evening max el	-943 Oct 27 j 23:28	13° ♁ 31'46	47°27'18		-940 May 07 j 03:29	0° ♁	
	-943 Nov 14 j 07:49	0° ♁		asc. node	-940 May 25 j 14:49	22° ♁ 39'26	
greatest brilliancy	-943 Dec 05 j 04:04	14° ♁ 20'29	-4.7m	max. Earth dist.	-940 May 29 j 00:33	26° ♁ 50'29	1.73602 AU
asc. node	-943 Dec 08 j 19:23	15° ♁ 48'42					
retrograde	-943 Dec 18 j 01:35	17° ♁ 28'54		superior conj	-940 May 31 j 00:16	29° ♁ 17'05	0°12'43
evening set	-942 Jan 02 j 20:05	12° ♁ 30'57		minimum elong	-940 May 30 j 21:44	29° ♁ 09'19	0°12'37
min. Earth dist.	-942 Jan 06 j 20:35	10° ♁ 04'45	0.27255 AU	behind sun begin	-940 May 30 j 08:12	28° ♁ 27'42	
inferior conj	-942 Jan 07 j 21:32	9° ♁ 25'41	6°41'15	behind sun end	-940 May 31 j 11:17	29° ♁ 50'56	
minimum elong	-942 Jan 07 j 11:46	9° ♁ 40'59	6°39'18		-940 May 31 j 14:14	0° ♁	
morning rise	-942 Jan 12 j 03:57	6° ♁ 48'59			-940 Jun 24 j 22:53	0° ♁	
direct	-942 Jan 28 j 10:11	1° ♁ 36'40		evening rise	-940 Jul 05 j 16:52	13° ♁ 16'27	
greatest brilliancy	-942 Feb 08 j 01:02	3° ♁ 41'38	-4.6m		-940 Jul 19 j 05:34	0° ♁	
	-942 Mar 16 j 03:02	0° \approx			-940 Aug 12 j 11:25	0° ♁	
morning max el	-942 Mar 18 j 17:30	2° \approx 29'49	46°08'39		-940 Sep 05 j 18:02	0° ♁	
desc. node	-942 Mar 30 j 09:59	14° \approx 13'10		desc. node	-940 Sep 14 j 05:12	10° ♁ 26'13	
	-942 Apr 14 j 06:54	0° ♁			-940 Sep 30 j 03:03	0° ♁	
	-942 May 11 j 03:13	0° ♁			-940 Oct 24 j 16:26	0° ♁	
	-942 Jun 05 j 23:39	0° ♁			-940 Nov 18 j 14:42	0° ♁	
	-942 Jul 01 j 05:01	0° ♁			-940 Dec 14 j 09:44	0° \approx	
asc. node	-942 Jul 21 j 12:26	24° ♁ 35'59		asc. node	-939 Jan 05 j 07:19	23° \approx 43'05	
	-942 Jul 25 j 22:27	0° ♁		evening max el	-939 Jan 07 j 09:37	25° \approx 51'01	46°38'59
	-942 Aug 19 j 06:02	0° ♁			-939 Jan 11 j 13:49	0° ♁	
morning set	-942 Sep 12 j 00:40	29° ♁ 41'41		greatest brilliancy	-939 Feb 11 j 23:28	24° ♁ 31'58	-4.6m
	-942 Sep 12 j 06:30	0° ♁		retrograde	-939 Feb 26 j 14:57	28° ♁ 22'59	
	-942 Oct 06 j 03:03	0° ♁		evening set	-939 Mar 15 j 21:40	22° ♁ 33'40	
				inferior conj	-939 Mar 19 j 22:02	20° ♁ 02'51	7°20'16
superior conj	-942 Oct 21 j 08:23	19° ♁ 10'43	0°44'35	minimum elong	-939 Mar 20 j 06:15	19° ♁ 49'48	7°19'05
minimum elong	-942 Oct 21 j 18:20	19° ♁ 42'05	0°44'08	min. Earth dist.	-939 Mar 19 j 21:15	20° ♁ 04'07	0.28896 AU
max. Earth dist.	-942 Oct 21 j 11:56	19° ♁ 21'55	1.71022 AU	morning rise	-939 Mar 24 j 15:07	17° ♁ 07'51	
	-942 Oct 29 j 22:31	0° ♁		direct	-939 Apr 10 j 08:38	11° ♁ 45'36	
desc. node	-942 Nov 10 j 03:00	14° ♁ 04'59		greatest brilliancy	-939 Apr 22 j 13:57	14° ♁ 25'51	-4.5m
	-942 Nov 22 j 18:45	0° ♁		desc. node	-939 Apr 26 j 21:47	16° ♁ 27'22	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-939 May 16 j 06:47	0°Υ				-936 Jan 20 j 08:36	0°⋈		
morning max el	-939 May 29 j 04:35	11°Υ37'25	45°45'39	asc. node		-936 Feb 02 j 19:06	15°⋈48'23		
	-939 Jun 16 j 10:36	0°Ϡ				-936 Feb 15 j 04:23	0°Υ		
	-939 Jul 13 j 17:55	0°Π				-936 Mar 14 j 03:05	0°Ϡ		
	-939 Aug 08 j 12:22	0°☿		evening max el		-936 Mar 19 j 06:38	5°Ϡ04'19	45°27'55	
asc. node	-939 Aug 18 j 00:14	11°☿21'15				-936 Apr 19 j 19:31	0°Π		
	-939 Sep 02 j 09:02	0°♈		greatest brilliancy		-936 Apr 22 j 11:35	1°Π20'24	-4.5m	
	-939 Sep 26 j 15:51	0°♍		retrograde		-936 May 06 j 20:16	4°Π56'38		
	-939 Oct 20 j 14:58	0°♊		evening set		-936 May 21 j 21:11	0°Π37'08		
	-939 Nov 13 j 11:06	0°♋				-936 May 23 j 00:02	30°♋		
morning set	-939 Nov 26 j 03:47	15°♋59'00		desc. node		-936 May 24 j 09:43	29°♋11'17		
	-939 Dec 07 j 07:18	0°♌		inferior conj		-936 May 28 j 08:08	26°♋46'41	0°-54'-59	
desc. node	-939 Dec 07 j 14:54	0°♌23'54		minimum elong		-936 May 28 j 06:07	26°♋49'50	0°54'24	
	-939 Dec 31 j 05:03	0°♍		min. Earth dist.		-936 May 28 j 15:13	26°♋35'37	0.28952 AU	
				morning rise		-936 Jun 03 j 14:37	23°♋00'34		
superior conj	-938 Jan 07 j 04:59	8°♍45'25	-1°-3'-56	direct		-936 Jun 19 j 00:34	18°♋27'41		
minimum elong	-938 Jan 06 j 17:24	8°♍09'14	1°03'36	greatest brilliancy		-936 Jul 03 j 06:01	21°♋57'22	-4.5m	
max. Earth dist.	-938 Jan 11 j 11:01	14°♍04'25	1.71669 AU			-936 Jul 16 j 11:48	0°Π		
	-938 Jan 24 j 05:11	0°♎		morning max el		-936 Aug 07 j 05:42	18°Π49'05	46°06'20	
evening rise	-938 Feb 16 j 14:17	29°♎03'32				-936 Aug 18 j 07:40	0°☿		
	-938 Feb 17 j 08:30	0°⋈		asc. node		-936 Sep 14 j 12:03	29°☿59'18		
	-938 Mar 13 j 16:03	0°Υ				-936 Sep 14 j 12:18	0°♈		
asc. node	-938 Mar 30 j 17:01	20°Υ52'06				-936 Oct 09 j 21:05	0°♍		
	-938 Apr 07 j 04:55	0°Ϡ				-936 Nov 03 j 09:33	0°♊		
	-938 May 02 j 00:17	0°Π				-936 Nov 27 j 13:11	0°♋		
	-938 May 27 j 04:10	0°☿				-936 Dec 21 j 14:18	0°♌		
	-938 Jun 21 j 21:00	0°♈		desc. node		-935 Jan 04 j 02:44	16°♌51'19		
	-938 Jul 18 j 13:26	0°♍				-935 Jan 14 j 15:58	0°♍		
desc. node	-938 Jul 20 j 07:23	1°♍54'18				-935 Feb 07 j 19:22	0°♎		
evening max el	-938 Aug 13 j 16:42	27°♍12'33	46°35'44	morning set		-935 Feb 11 j 00:24	3°♎58'55		
	-938 Aug 16 j 14:06	0°♊				-935 Mar 04 j 00:49	0°⋈		
greatest brilliancy	-938 Sep 22 j 00:23	26°♊35'07	-4.6m						
retrograde	-938 Oct 02 j 12:42	28°♊37'05		superior conj		-935 Mar 21 j 17:38	21°⋈50'57	-1°-12'-7	
evening set	-938 Oct 17 j 21:39	24°♊02'25		minimum elong		-935 Mar 22 j 02:19	22°⋈17'41	1°11'55	
inferior conj	-938 Oct 23 j 02:15	20°♊58'53	-4°-31'-48	max. Earth dist.		-935 Mar 23 j 21:33	24°⋈30'51	1.73212 AU	
minimum elong	-938 Oct 23 j 11:27	20°♊44'54	4°29'14			-935 Mar 28 j 08:27	0°Υ		
min. Earth dist.	-938 Oct 23 j 11:44	20°♊44'28	0.26473 AU			-935 Apr 21 j 18:12	0°Ϡ		
morning rise	-938 Oct 29 j 00:59	17°♊30'36		asc. node		-935 Apr 27 j 05:01	6°Ϡ41'08		
asc. node	-938 Nov 10 j 09:34	13°♊27'08		evening rise		-935 Apr 28 j 00:02	7°Ϡ39'27		
direct	-938 Nov 12 j 12:04	13°♊21'42		greatest brilliancy		-935 Apr 30 j 18:43	11°Ϡ03'47	-3.9m	
greatest brilliancy	-938 Nov 25 j 00:22	16°♊17'11	-4.7m			-935 May 16 j 05:46	0°Π		
	-938 Dec 15 j 09:14	0°♋				-935 Jun 09 j 19:03	0°☿		
morning max el	-937 Jan 02 j 01:30	16°♋35'52	46°48'58			-935 Jul 04 j 10:41	0°♈		
	-937 Jan 14 j 20:59	0°♌				-935 Jul 29 j 06:29	0°♍		
	-937 Feb 10 j 17:49	0°♍		desc. node		-935 Aug 16 j 19:14	22°♍10'26		
desc. node	-937 Mar 02 j 00:20	22°♍20'44				-935 Aug 23 j 09:32	0°♊		
	-937 Mar 08 j 12:52	0°♎				-935 Sep 18 j 01:41	0°♋		
	-937 Apr 02 j 20:40	0°⋈				-935 Oct 14 j 22:21	0°♌		
	-937 Apr 27 j 22:04	0°Υ		evening max el		-935 Oct 25 j 14:04	11°♌09'11	47°27'29	
	-937 May 22 j 18:26	0°Ϡ				-935 Nov 14 j 18:22	0°♍		
	-937 Jun 16 j 09:37	0°Π		greatest brilliancy		-935 Dec 02 j 19:08	11°♍56'56	-4.7m	
asc. node	-937 Jun 23 j 02:39	8°Π13'11		asc. node		-935 Dec 07 j 21:29	13°♍53'15		
morning set	-937 Jul 01 j 21:40	19°Π01'34		retrograde		-935 Dec 15 j 16:15	15°♍05'02		
	-937 Jul 10 j 19:14	0°☿		evening set		-935 Dec 31 j 06:50	10°♍11'56		
max. Earth dist.	-937 Aug 03 j 07:49	29°☿10'36	1.72358 AU	min. Earth dist.		-934 Jan 04 j 10:19	7°♍41'53	0.27186 AU	
	-937 Aug 03 j 23:41	0°♈		inferior conj		-934 Jan 05 j 11:25	7°♍02'44	6°26'52	
				minimum elong		-934 Jan 05 j 01:31	7°♍18'12	6°24'46	
superior conj	-937 Aug 07 j 11:09	4°♈19'55	1°20'47	morning rise		-934 Jan 09 j 20:43	4°♍22'19		
minimum elong	-937 Aug 07 j 06:02	4°♈03'59	1°20'43			-934 Jan 19 j 22:12	30°♋		
	-937 Aug 28 j 00:26	0°♍		direct		-934 Jan 25 j 23:23	29°♌14'40		
evening rise	-937 Sep 14 j 03:02	21°♍25'01				-934 Feb 01 j 05:38	0°♍		
	-937 Sep 20 j 23:31	0°♊		greatest brilliancy		-934 Feb 05 j 14:32	1°♍20'28	-4.6m	
desc. node	-937 Oct 12 j 17:13	27°♊12'45				-934 Mar 16 j 02:34	0°♎		
	-937 Oct 14 j 22:43	0°♋		morning max el		-934 Mar 16 j 08:34	0°♎14'32	46°09'58	
	-937 Nov 07 j 23:17	0°♌		desc. node		-934 Mar 29 j 12:10	13°♎29'37		
	-937 Dec 02 j 02:42	0°♍				-934 Apr 13 j 23:03	0°⋈		
	-937 Dec 26 j 11:52	0°♎				-934 May 10 j 16:45	0°Υ		

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-934 Jun 05 j 11:55	0°♄			-932 Nov 18 j 04:37	0°♅	
	-934 Jun 30 j 16:36	0°♅			-932 Dec 14 j 02:03	0°♁	
asc. node	-934 Jul 20 j 14:26	24°♅07'46		asc. node	-931 Jan 04 j 09:20	22°♁54'48	
	-934 Jul 25 j 09:38	0°♁		evening max el	-931 Jan 05 j 01:21	23°♁35'26	46°41'43
	-934 Aug 18 j 17:02	0°♂			-931 Jan 11 j 13:21	0°♁	
morning set	-934 Sep 09 j 14:48	27°♂21'17		greatest brilliancy	-931 Feb 09 j 18:24	22°♁24'00	-4.6m
	-934 Sep 11 j 17:26	0°♁		retrograde	-931 Feb 24 j 07:30	26°♁12'23	
	-934 Oct 05 j 14:00	0°♁		evening set	-931 Mar 13 j 16:38	20°♁19'54	
				inferior conj	-931 Mar 17 j 14:33	17°♁52'33	7°30'04
superior conj	-934 Oct 18 j 19:12	16°♁38'53	0°47'50	minimum elong	-931 Mar 17 j 22:22	17°♁40'05	7°29'02
minimum elong	-934 Oct 19 j 05:31	17°♁11'23	0°47'24	min. Earth dist.	-931 Mar 17 j 12:51	17°♁55'14	0.28862 AU
max. Earth dist.	-934 Oct 18 j 20:08	16°♁41'51	1.71037 AU	morning rise	-931 Mar 22 j 04:23	15°♁02'01	
	-934 Oct 29 j 09:32	0°♁		direct	-931 Apr 08 j 00:43	9°♁36'08	
desc. node	-934 Nov 09 j 05:10	13°♁37'04		greatest brilliancy	-931 Apr 20 j 02:33	12°♁12'41	-4.5m
	-934 Nov 22 j 05:50	0°♁		desc. node	-931 Apr 25 j 23:52	15°♁03'43	
evening rise	-934 Nov 29 j 14:24	9°♁14'27			-931 May 16 j 11:20	0°♁	
	-934 Dec 16 j 03:56	0°♅		morning max el	-931 May 26 j 19:50	9°♁26'43	45°45'37
	-933 Jan 09 j 05:01	0°♁			-931 Jun 16 j 03:29	0°♄	
	-933 Feb 02 j 11:12	0°♁			-931 Jul 13 j 07:37	0°♅	
	-933 Feb 27 j 01:46	0°♁			-931 Aug 08 j 00:43	0°♁	
asc. node	-933 Mar 02 j 07:08	3°♁53'16		asc. node	-931 Aug 17 j 02:19	10°♁51'12	
	-933 Mar 24 j 05:22	0°♄			-931 Sep 01 j 20:43	0°♂	
	-933 Apr 19 j 05:47	0°♅			-931 Sep 26 j 03:12	0°♁	
	-933 May 16 j 21:45	0°♁			-931 Oct 20 j 02:08	0°♁	
evening max el	-933 May 30 j 04:23	13°♁12'54	45°24'06		-931 Nov 12 j 22:10	0°♁	
	-933 Jun 18 j 14:42	0°♂		morning set	-931 Nov 23 j 13:36	13°♁24'09	
desc. node	-933 Jun 21 j 21:39	2°♂23'41		desc. node	-931 Dec 06 j 16:54	29°♁55'41	
greatest brilliancy	-933 Jul 05 j 23:27	10°♂18'31	-4.5m		-931 Dec 06 j 18:17	0°♁	
retrograde	-933 Jul 17 j 20:31	12°♂47'16			-931 Dec 30 j 15:59	0°♅	
evening set	-933 Aug 04 j 05:18	7°♂09'37					
inferior conj	-933 Aug 07 j 23:54	4°♂53'06	-8°-24'-38	superior conj	-930 Jan 04 j 15:09	6°♅12'57	-1°-1'-18
minimum elong	-933 Aug 07 j 18:07	5°♂01'57	8°24'09	minimum elong	-930 Jan 04 j 03:29	5°♅36'26	1°00'55
min. Earth dist.	-933 Aug 08 j 10:11	4°♂37'20	0.28124 AU	max. Earth dist.	-930 Jan 08 j 21:16	11°♅32'18	1.71617 AU
morning rise	-933 Aug 11 j 06:47	2°♂53'30			-930 Jan 23 j 16:05	0°♁	
	-933 Aug 16 j 14:27	30°♁♄		evening rise	-930 Feb 14 j 03:11	26°♁41'03	
direct	-933 Aug 29 j 07:36	26°♁49'07			-930 Feb 16 j 19:23	0°♁	
	-933 Sep 11 j 13:13	0°♂			-930 Mar 13 j 02:58	0°♁	
greatest brilliancy	-933 Sep 12 j 14:54	0°♂30'01	-4.6m	asc. node	-930 Mar 29 j 19:14	20°♁25'19	
asc. node	-933 Oct 12 j 23:55	23°♂52'31			-930 Apr 06 j 16:00	0°♄	
morning max el	-933 Oct 18 j 20:36	29°♂41'52	46°46'14		-930 May 01 j 11:47	0°♅	
	-933 Oct 19 j 03:45	0°♁			-930 May 26 j 16:28	0°♁	
	-933 Nov 15 j 14:47	0°♁			-930 Jun 21 j 10:48	0°♂	
	-933 Dec 11 j 02:50	0°♁			-930 Jul 18 j 06:18	0°♁	
	-932 Jan 04 j 22:34	0°♁		desc. node	-930 Jul 19 j 09:21	1°♁13'13	
	-932 Jan 29 j 12:43	0°♅		evening max el	-930 Aug 11 j 04:37	24°♁47'00	46°32'41
desc. node	-932 Feb 01 j 14:30	3°♅45'31			-930 Aug 16 j 15:47	0°♁	
	-932 Feb 23 j 01:19	0°♁		greatest brilliancy	-930 Sep 19 j 14:14	24°♁08'48	-4.6m
	-932 Mar 18 j 13:42	0°♁		retrograde	-930 Sep 29 j 23:51	26°♁08'37	
	-932 Apr 12 j 02:06	0°♁		evening set	-930 Oct 15 j 12:36	21°♁29'49	
morning set	-932 Apr 22 j 11:33	12°♁43'15		inferior conj	-930 Oct 20 j 14:21	18°♁30'38	-4°-52'-30
	-932 May 06 j 14:06	0°♄		minimum elong	-930 Oct 21 j 00:01	18°♁15'57	4°49'55
asc. node	-932 May 24 j 16:54	22°♄13'25		min. Earth dist.	-930 Oct 21 j 01:32	18°♁13'39	0.26510 AU
max. Earth dist.	-932 May 26 j 22:45	24°♄58'45	1.73621 AU	morning rise	-930 Oct 26 j 11:01	15°♁04'53	
				asc. node	-930 Nov 09 j 11:37	10°♁52'51	
superior conj	-932 May 28 j 19:07	27°♄15'01	0°09'41	direct	-930 Nov 10 j 00:03	10°♁52'31	
minimum elong	-932 May 28 j 17:11	27°♄09'05	0°09'36	greatest brilliancy	-930 Nov 22 j 16:12	13°♁51'47	-4.7m
behind sun begin	-932 May 27 j 23:18	26°♄14'10			-930 Dec 15 j 18:25	0°♁	
behind sun end	-932 May 29 j 11:04	28°♄04'01		morning max el	-930 Dec 30 j 14:01	14°♁07'50	46°49'55
	-932 May 31 j 00:48	0°♅			-929 Jan 14 j 15:50	0°♁	
	-932 Jun 24 j 09:32	0°♁			-929 Feb 10 j 08:46	0°♅	
evening rise	-932 Jul 03 j 11:45	11°♁13'22		desc. node	-929 Mar 01 j 02:30	21°♅47'27	
	-932 Jul 18 j 16:24	0°♂			-929 Mar 08 j 02:00	0°♁	
	-932 Aug 11 j 22:32	0°♁			-929 Apr 02 j 08:46	0°♁	
	-932 Sep 05 j 05:34	0°♁			-929 Apr 27 j 09:30	0°♁	
desc. node	-932 Sep 13 j 07:20	9°♁56'53			-929 May 22 j 05:26	0°♄	
	-932 Sep 29 j 15:05	0°♁			-929 Jun 15 j 20:21	0°♅	
	-932 Oct 24 j 05:11	0°♁		asc. node	-929 Jun 22 j 04:42	7°♅46'39	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

morning set	-929 Jun 29 j 15:53	16° Π 57'03		retrograde	-927 Dec 13 j 06:49	12° Ξ 39'17	
	-929 Jul 10 j 05:53	0° Ξ		evening set	-927 Dec 28 j 17:20	7° Ξ 51'04	
max. Earth dist.	-929 Aug 01 j 02:58	27° Ξ 07'37	1.72420 AU	min. Earth dist.	-926 Jan 01 j 23:39	5° Ξ 17'10	0.27120 AU
	-929 Aug 03 j 10:22	0° Ω		inferior conj	-926 Jan 03 j 00:55	4° Ξ 37'50	6°11'26
				minimum elong	-926 Jan 02 j 14:58	4° Ξ 53'20	6°09'13
superior conj	-929 Aug 05 j 04:23	2° Ω 10'47	1°19'46	morning rise	-926 Jan 07 j 13:12	1° Ξ 53'37	
minimum elong	-929 Aug 04 j 22:43	1° Ω 53'10	1°19'42		-926 Jan 11 j 02:09	30° \mathbb{R} 7	
	-929 Aug 27 j 11:16	0° \mathbb{P}		direct	-926 Jan 23 j 12:49	26° \mathbb{X} 50'53	
evening rise	-929 Sep 11 j 16:55	19° \mathbb{P} 04'00		greatest brilliancy	-926 Feb 03 j 03:13	28° \mathbb{X} 56'46	-4.6m
	-929 Sep 20 j 10:32	0° Ξ			-926 Feb 05 j 16:29	0° Ξ	
desc. node	-929 Oct 11 j 19:22	26° Ξ 44'27		morning max el	-926 Mar 13 j 23:31	27° Ξ 58'00	46°11'22
	-929 Oct 14 j 09:56	0° \mathbb{L}			-926 Mar 16 j 01:26	0° \approx	
	-929 Nov 07 j 10:46	0° \mathbb{X}		desc. node	-926 Mar 28 j 14:19	12° \approx 45'49	
	-929 Dec 01 j 14:30	0° Ξ			-926 Apr 13 j 15:08	0° \mathbb{X}	
	-929 Dec 26 j 00:08	0° \approx			-926 May 10 j 06:19	0° \mathbb{Y}	
	-928 Jan 19 j 21:45	0° \mathbb{X}			-926 Jun 05 j 00:14	0° \mathbb{X}	
asc. node	-928 Feb 01 j 21:13	15° \mathbb{X} 14'04			-926 Jun 30 j 04:14	0° Π	
	-928 Feb 14 j 19:26	0° \mathbb{Y}		asc. node	-926 Jul 19 j 16:33	23° Π 39'39	
	-928 Mar 13 j 23:30	0° \mathbb{X}			-926 Jul 24 j 20:54	0° Ξ	
evening max el	-928 Mar 16 j 21:54	2° \mathbb{X} 52'15	45°29'40		-926 Aug 18 j 04:06	0° Ω	
greatest brilliancy	-928 Apr 20 j 01:42	29° \mathbb{X} 09'50	-4.5m	morning set	-926 Sep 07 j 05:36	25° Ω 02'50	
	-928 Apr 21 j 22:36	0° Π			-926 Sep 11 j 04:26	0° \mathbb{P}	
retrograde	-928 May 04 j 13:07	2° Π 49'25			-926 Oct 05 j 01:01	0° Ξ	
	-928 May 16 j 13:11	30° \mathbb{R} 8					
evening set	-928 May 19 j 14:05	28° \mathbb{X} 28'41		superior conj	-926 Oct 16 j 06:42	14° Ξ 09'07	0°50'55
desc. node	-928 May 23 j 11:46	26° \mathbb{X} 12'55		minimum elong	-926 Oct 16 j 17:16	14° Ξ 42'26	0°50'31
inferior conj	-928 May 26 j 00:39	24° \mathbb{X} 38'46	0°-35'-29	max. Earth dist.	-926 Oct 16 j 03:36	13° Ξ 59'23	1.71055 AU
minimum elong	-928 May 25 j 23:20	24° \mathbb{X} 40'48	0°35'06		-926 Oct 28 j 20:38	0° \mathbb{L}	
min. Earth dist.	-928 May 26 j 07:51	24° \mathbb{X} 27'32	0.28965 AU	desc. node	-926 Nov 08 j 07:11	13° \mathbb{L} 08'24	
morning rise	-928 Jun 01 j 08:13	20° \mathbb{X} 51'22			-926 Nov 21 j 17:01	0° \mathbb{X}	
direct	-928 Jun 16 j 17:02	16° \mathbb{X} 19'22		evening rise	-926 Nov 26 j 23:59	6° \mathbb{X} 38'40	
greatest brilliancy	-928 Jun 30 j 22:48	19° \mathbb{X} 49'41	-4.5m		-926 Dec 15 j 15:13	0° Ξ	
	-928 Jul 17 j 00:40	0° Π			-925 Jan 08 j 16:25	0° \approx	
morning max el	-928 Aug 04 j 22:09	16° Π 39'25	46°05'07		-925 Feb 01 j 22:50	0° \mathbb{X}	
	-928 Aug 18 j 01:59	0° Ξ			-925 Feb 26 j 13:50	0° \mathbb{Y}	
asc. node	-928 Sep 13 j 14:18	29° Ξ 24'01		asc. node	-925 Mar 01 j 09:20	3° \mathbb{Y} 23'20	
	-928 Sep 14 j 02:45	0° Ω			-925 Mar 23 j 18:18	0° \mathbb{X}	
	-928 Oct 09 j 10:01	0° \mathbb{P}			-925 Apr 18 j 20:29	0° Π	
	-928 Nov 02 j 21:45	0° Ξ			-925 May 16 j 16:52	0° Ξ	
	-928 Nov 27 j 00:58	0° \mathbb{L}		evening max el	-925 May 27 j 19:38	10° Ξ 59'43	45°22'47
	-928 Dec 21 j 01:48	0° \mathbb{X}			-925 Jun 19 j 07:26	0° Ω	
desc. node	-927 Jan 03 j 04:47	16° \mathbb{X} 22'16		desc. node	-925 Jun 20 j 23:40	1° Ω 09'30	
	-927 Jan 14 j 03:15	0° Ξ		greatest brilliancy	-925 Jul 03 j 12:10	8° Ω 01'19	-4.5m
	-927 Feb 07 j 06:26	0° \approx		retrograde	-925 Jul 15 j 10:19	10° Ω 30'58	
morning set	-927 Feb 08 j 12:49	1° \approx 34'14		evening set	-925 Aug 01 j 16:25	4° Ω 58'11	
	-927 Mar 03 j 11:44	0° \mathbb{X}		inferior conj	-925 Aug 05 j 14:26	2° Ω 36'23	-8°-17'-47
				minimum elong	-925 Aug 05 j 07:58	2° Ω 46'19	8°17'10
superior conj	-927 Mar 19 j 09:27	19° \mathbb{X} 38'20	-1°-13'-51	min. Earth dist.	-925 Aug 06 j 00:09	2° Ω 21'28	0.28166 AU
minimum elong	-927 Mar 19 j 17:49	20° \mathbb{X} 04'10	1°13'40	morning rise	-925 Aug 08 j 23:19	0° Ω 33'30	
max. Earth dist.	-927 Mar 21 j 15:27	22° \mathbb{X} 24'46	1.73171 AU		-925 Aug 09 j 22:10	30° \mathbb{R} 8	
	-927 Mar 27 j 19:16	0° \mathbb{Y}		direct	-925 Aug 26 j 22:50	24° Ξ 31'53	
	-927 Apr 21 j 05:01	0° \mathbb{X}		greatest brilliancy	-925 Sep 10 j 05:17	28° Ξ 11'07	-4.6m
evening rise	-927 Apr 25 j 18:06	5° \mathbb{X} 34'29			-925 Sep 13 j 16:17	0° Ω	
asc. node	-927 Apr 26 j 07:05	6° \mathbb{X} 14'16		asc. node	-925 Oct 12 j 01:55	22° Ω 57'52	
greatest brilliancy	-927 May 02 j 17:00	14° \mathbb{X} 05'52	-3.9m	morning max el	-925 Oct 16 j 10:09	27° Ω 18'01	46°45'13
	-927 May 15 j 16:43	0° Π			-925 Oct 19 j 01:26	0° \mathbb{P}	
	-927 Jun 09 j 06:15	0° Ξ			-925 Nov 15 j 06:49	0° Ξ	
	-927 Jul 03 j 22:19	0° Ω			-925 Dec 10 j 16:45	0° \mathbb{L}	
	-927 Jul 28 j 18:48	0° \mathbb{P}			-924 Jan 04 j 11:24	0° \mathbb{X}	
desc. node	-927 Aug 15 j 21:26	21° \mathbb{P} 38'03			-924 Jan 29 j 00:53	0° Ξ	
	-927 Aug 22 j 22:59	0° Ξ		desc. node	-924 Jan 31 j 16:41	3° Ξ 15'10	
	-927 Sep 17 j 17:08	0° \mathbb{L}			-924 Feb 22 j 13:01	0° \approx	
	-927 Oct 14 j 18:12	0° \mathbb{X}			-924 Mar 18 j 01:04	0° \mathbb{X}	
evening max el	-927 Oct 23 j 05:21	8° \mathbb{X} 48'14	47°27'11		-924 Apr 11 j 13:14	0° \mathbb{Y}	
	-927 Nov 15 j 08:48	0° Ξ		morning set	-924 Apr 20 j 05:22	10° \mathbb{Y} 37'05	
greatest brilliancy	-927 Nov 30 j 09:54	9° Ξ 31'54	-4.7m		-924 May 06 j 01:04	0° \mathbb{X}	
asc. node	-927 Dec 06 j 23:31	11° Ξ 51'41		asc. node	-924 May 23 j 18:54	21° \mathbb{X} 46'05	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

max. Earth dist.	-924 May 24 j 19:15	23°♄00'50	1.73633 AU	morning rise	-922 Oct 23 j 20:50	12°♊38'45	
				direct	-922 Nov 07 j 12:20	8°♊22'11	
superior conj	-924 May 26 j 13:38	25°♄10'57	0°06'36	asc. node	-922 Nov 08 j 13:42	8°♊23'33	
minimum elong	-924 May 26 j 12:18	25°♄06'53	0°06'32	greatest brilliancy	-922 Nov 20 j 08:10	11°♊25'41	-4.7m
behind sun begin	-924 May 25 j 15:51	24°♄04'05			-922 Dec 16 j 01:30	0°♋	
behind sun end	-924 May 27 j 08:45	26°♄09'42		morning max el	-922 Dec 28 j 03:30	11°♋41'17	46°50'57
	-924 May 30 j 11:43	0°♋			-921 Jan 14 j 10:31	0°♌	
	-924 Jun 23 j 20:31	0°♌			-921 Feb 09 j 23:47	0°♍	
evening rise	-924 Jul 01 j 06:30	9°♌08'59		desc. node	-921 Feb 28 j 04:37	21°♍13'29	
	-924 Jul 18 j 03:34	0°♎			-921 Mar 07 j 15:17	0°♏	
	-924 Aug 11 j 10:00	0°♏			-921 Apr 01 j 21:04	0°♐	
	-924 Sep 04 j 17:25	0°♐			-921 Apr 26 j 21:12	0°♑	
desc. node	-924 Sep 12 j 09:27	9°♐26'30			-921 May 21 j 16:45	0°♒	
	-924 Sep 29 j 03:26	0°♑			-921 Jun 15 j 07:28	0°♓	
	-924 Oct 23 j 18:15	0°♒		asc. node	-921 Jun 21 j 06:50	7°♓19'13	
	-924 Nov 17 j 18:53	0°♓		morning set	-921 Jun 27 j 09:51	14°♓50'40	
	-924 Dec 13 j 18:53	0°♔			-921 Jul 09 j 16:54	0°♕	
evening max el	-923 Jan 02 j 15:56	21°♔15'53	46°44'13	max. Earth dist.	-921 Jul 29 j 22:03	25°♕03'20	1.72476 AU
asc. node	-923 Jan 03 j 11:27	22°♔05'11					
	-923 Jan 11 j 14:24	0°♕		superior conj	-921 Aug 02 j 21:19	29°♕59'42	1°18'38
greatest brilliancy	-923 Feb 07 j 12:36	20°♕13'28	-4.6m	minimum elong	-921 Aug 02 j 15:09	29°♕40'30	1°18'32
retrograde	-923 Feb 21 j 23:27	24°♕00'02			-921 Aug 02 j 21:25	0°♎	
evening set	-923 Mar 11 j 11:17	18°♕04'19			-921 Aug 26 j 22:24	0°♏	
inferior conj	-923 Mar 15 j 06:52	15°♕40'24	7°39'18	evening rise	-921 Sep 09 j 06:41	16°♏41'45	
minimum elong	-923 Mar 15 j 14:15	15°♕28'37	7°38'23		-921 Sep 19 j 21:51	0°♐	
min. Earth dist.	-923 Mar 15 j 04:33	15°♕44'06	0.28834 AU	desc. node	-921 Oct 10 j 21:19	26°♐14'37	
morning rise	-923 Mar 19 j 17:28	12°♕54'22			-921 Oct 13 j 21:28	0°♑	
direct	-923 Apr 05 j 16:12	7°♕24'32			-921 Nov 06 j 22:33	0°♒	
greatest brilliancy	-923 Apr 17 j 16:20	9°♕58'54	-4.5m		-921 Dec 01 j 02:37	0°♓	
desc. node	-923 Apr 25 j 01:53	13°♕40'50			-921 Dec 25 j 12:44	0°♔	
	-923 May 16 j 14:53	0°♑			-920 Jan 19 j 11:14	0°♕	
morning max el	-923 May 24 j 10:31	7°♑12'58	45°45'43	asc. node	-920 Jan 31 j 23:25	14°♕39'08	
	-923 Jun 15 j 20:36	0°♒			-920 Feb 14 j 10:54	0°♖	
	-923 Jul 12 j 21:39	0°♓			-920 Mar 13 j 20:51	0°♗	
	-923 Aug 07 j 13:23	0°♔		evening max el	-920 Mar 14 j 13:50	0°♗41'16	45°31'26
asc. node	-923 Aug 16 j 04:31	10°♔20'31		greatest brilliancy	-920 Apr 17 j 16:13	26°♗59'12	-4.5m
	-923 Sep 01 j 08:42	0°♕			-920 Apr 26 j 04:49	0°♘	
	-923 Sep 25 j 14:51	0°♖		retrograde	-920 May 02 j 06:07	0°♘41'17	
	-923 Oct 19 j 13:37	0°♗			-920 May 08 j 03:13	30°♘♌	
	-923 Nov 12 j 09:32	0°♘		evening set	-920 May 17 j 07:07	26°♘19'19	
morning set	-923 Nov 20 j 23:41	10°♘49'08		desc. node	-920 May 22 j 13:49	23°♘12'18	
desc. node	-923 Dec 05 j 18:59	29°♘26'45		inferior conj	-920 May 23 j 17:05	22°♘29'52	0°-15'-52
	-923 Dec 06 j 05:33	0°♙		minimum elong	-920 May 23 j 16:30	22°♘30'47	0°15'42
	-923 Dec 30 j 03:11	0°♚		transit middle	-920 May 23 j 16:30	22°♘30'47	0°15'42
				transit begin	-920 May 23 j 15:30	22°♘32'19	
superior conj	-922 Jan 02 j 01:35	3°♚40'25	0°-58'-32	transit end	-920 May 23 j 17:30	22°♘29'14	
minimum elong	-922 Jan 01 j 13:53	3°♚03'47	0°58'08	min. Earth dist.	-920 May 24 j 00:06	22°♘18'56	0.28983 AU
max. Earth dist.	-922 Jan 06 j 05:45	8°♚53'47	1.71563 AU	morning rise	-920 May 30 j 01:37	18°♘41'24	
	-922 Jan 23 j 03:13	0°♛		direct	-920 Jun 14 j 09:57	14°♘10'10	
evening rise	-922 Feb 11 j 16:12	24°♛18'02		greatest brilliancy	-920 Jun 28 j 15:06	17°♘40'29	-4.5m
	-922 Feb 16 j 06:32	0°♜			-920 Jul 17 j 10:43	0°♙	
	-922 Mar 12 j 14:13	0°♝		morning max el	-920 Aug 02 j 14:56	14°♙29'38	46°03'47
asc. node	-922 Mar 28 j 21:14	19°♝56'40			-920 Aug 17 j 20:16	0°♞	
	-922 Apr 06 j 03:29	0°♞		asc. node	-920 Sep 12 j 16:18	28°♞47'15	
	-922 Apr 30 j 23:44	0°♟			-920 Sep 13 j 17:24	0°♠	
	-922 May 26 j 05:17	0°♞			-920 Oct 08 j 23:09	0°♡	
	-922 Jun 21 j 01:12	0°♠			-920 Nov 02 j 10:07	0°♢	
	-922 Jul 18 j 00:00	0°♡			-920 Nov 26 j 12:54	0°♣	
desc. node	-922 Jul 18 j 11:33	0°♡31'06			-920 Dec 20 j 13:27	0°♤	
evening max el	-922 Aug 08 j 16:18	22°♡20'01	46°29'52	desc. node	-919 Jan 02 j 06:53	15°♤52'55	
	-922 Aug 16 j 19:26	0°♣			-919 Jan 13 j 14:41	0°♥	
greatest brilliancy	-922 Sep 17 j 03:00	21°♣40'28	-4.6m	morning set	-919 Feb 06 j 01:10	29°♥08'45	
retrograde	-922 Sep 27 j 11:21	23°♣39'30			-919 Feb 06 j 17:41	0°♦	
evening set	-922 Oct 13 j 03:37	18°♣55'59			-919 Mar 02 j 22:47	0°♧	
inferior conj	-922 Oct 18 j 02:25	16°♣01'18	-5°-12'-41				
minimum elong	-922 Oct 18 j 12:28	15°♣46'04	5°10'04	superior conj	-919 Mar 17 j 01:16	17°♧25'13	-1°-15'-28
min. Earth dist.	-922 Oct 18 j 14:56	15°♣42'18	0.26550 AU	minimum elong	-919 Mar 17 j 09:17	17°♧49'56	1°15'18

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

max. Earth dist.	-919 Mar 19 j 11:06	20° K 23'35	1.73127 AU	morning rise	-917 Aug 06 j 16:19	28° G 14'18	
	-919 Mar 27 j 06:13	0° Y		direct	-917 Aug 24 j 13:46	22° G 15'33	
	-919 Apr 20 j 15:57	0° B		greatest brilliancy	-917 Sep 07 j 20:43	25° G 54'14	-4.6m
evening rise	-919 Apr 23 j 12:14	3° B 29'24			-917 Sep 15 j 01:49	0° Q	
asc. node	-919 Apr 25 j 09:08	5° B 47'01		asc. node	-917 Oct 11 j 04:00	22° Q 04'31	
greatest brilliancy	-919 May 05 j 20:38	18° B 37'16	-3.9m	morning max el	-917 Oct 13 j 23:09	24° Q 52'53	46°44'00
	-919 May 15 j 03:47	0° II			-917 Oct 18 j 22:22	0° M	
	-919 Jun 08 j 17:38	0° G			-917 Nov 14 j 22:38	0° A	
	-919 Jul 03 j 10:11	0° Q			-917 Dec 10 j 06:34	0° M	
	-919 Jul 28 j 07:25	0° M			-916 Jan 04 j 00:08	0° J	
desc. node	-919 Aug 14 j 23:28	21° M 04'14			-916 Jan 28 j 12:54	0° C	
	-919 Aug 22 j 12:48	0° A		desc. node	-916 Jan 30 j 18:47	2° C 44'58	
	-919 Sep 17 j 09:04	0° M			-916 Feb 22 j 00:32	0° \approx	
	-919 Oct 14 j 14:53	0° J			-916 Mar 17 j 12:14	0° K	
evening max el	-919 Oct 20 j 20:54	6° J 27'27	47°26'54		-916 Apr 11 j 00:10	0° Y	
	-919 Nov 16 j 04:18	0° C		morning set	-916 Apr 17 j 23:11	8° Y 31'27	
greatest brilliancy	-919 Nov 28 j 01:23	7° C 07'22	-4.7m		-916 May 05 j 11:51	0° B	
asc. node	-919 Dec 06 j 01:39	9° C 44'46		max. Earth dist.	-916 May 22 j 14:53	21° B 00'51	1.73644 AU
retrograde	-919 Dec 10 j 21:15	10° C 12'45		asc. node	-916 May 22 j 21:06	21° B 19'55	
evening set	-919 Dec 26 j 03:59	5° C 29'34					
min. Earth dist.	-919 Dec 30 j 13:01	2° C 51'45	0.27052 AU	superior conj	-916 May 24 j 08:23	23° B 08'17	0°03'30
inferior conj	-919 Dec 31 j 14:20	2° C 12'22	5°55'12	minimum elong	-916 May 24 j 07:41	23° B 06'07	0°03'29
minimum elong	-919 Dec 31 j 04:26	2° C 27'46	5°52'55	behind sun begin	-916 May 23 j 09:53	21° B 59'09	
	-918 Jan 04 j 04:58	30° R J		behind sun end	-916 May 25 j 05:30	24° B 13'06	
morning rise	-918 Jan 05 j 05:35	29° J 24'12			-916 May 29 j 22:26	0° II	
direct	-918 Jan 21 j 02:19	24° J 26'45			-916 Jun 23 j 07:16	0° G	
greatest brilliancy	-918 Jan 31 j 15:31	26° J 32'02	-4.6m	evening rise	-916 Jun 29 j 01:37	7° G 06'33	
	-918 Feb 07 j 22:20	0° C			-916 Jul 17 j 14:30	0° Q	
morning max el	-918 Mar 11 j 13:46	25° C 39'28	46°12'45		-916 Aug 10 j 21:14	0° M	
	-918 Mar 15 j 23:29	0° \approx			-916 Sep 04 j 05:05	0° A	
desc. node	-918 Mar 27 j 16:14	12° \approx 01'53		desc. node	-916 Sep 11 j 11:26	8° A 56'16	
	-918 Apr 13 j 06:59	0° K			-916 Sep 28 j 15:40	0° M	
	-918 May 09 j 19:47	0° Y			-916 Oct 23 j 07:17	0° J	
	-918 Jun 04 j 12:30	0° B			-916 Nov 17 j 09:14	0° C	
	-918 Jun 29 j 15:51	0° II			-916 Dec 13 j 11:59	0° \approx	
asc. node	-918 Jul 18 j 18:43	23° II 11'45		evening max el	-916 Dec 31 j 05:42	18° \approx 54'21	46°46'54
	-918 Jul 24 j 08:10	0° G		asc. node	-915 Jan 02 j 13:35	21° \approx 14'54	
	-918 Aug 17 j 15:13	0° Q			-915 Jan 11 j 16:44	0° K	
morning set	-918 Sep 04 j 20:09	22° Q 43'23		greatest brilliancy	-915 Feb 05 j 06:06	18° K 02'05	-4.6m
	-918 Sep 10 j 15:31	0° M		retrograde	-915 Feb 19 j 15:29	21° K 48'01	
	-918 Oct 04 j 12:09	0° A		evening set	-915 Mar 09 j 05:45	15° K 48'59	
				inferior conj	-915 Mar 12 j 23:08	13° K 28'33	7°47'52
superior conj	-918 Oct 13 j 17:59	11° A 38'24	0°53'57	minimum elong	-915 Mar 13 j 06:03	13° K 17'32	7°47'04
minimum elong	-918 Oct 14 j 04:44	12° A 12'15	0°53'32	min. Earth dist.	-915 Mar 12 j 20:11	13° K 33'15	0.28801 AU
max. Earth dist.	-918 Oct 13 j 07:08	11° A 04'13	1.71074 AU	morning rise	-915 Mar 17 j 06:33	10° K 47'11	
	-918 Oct 28 j 07:49	0° M		direct	-915 Apr 03 j 07:16	5° K 13'12	
desc. node	-918 Nov 07 j 09:16	12° M 39'45		greatest brilliancy	-915 Apr 15 j 06:47	7° K 46'30	-4.5m
	-918 Nov 21 j 04:16	0° J		desc. node	-915 Apr 24 j 04:02	12° K 21'23	
evening rise	-918 Nov 24 j 09:06	4° J 01'17			-915 May 16 j 16:32	0° Y	
	-918 Dec 15 j 02:31	0° C		morning max el	-915 May 22 j 01:33	5° Y 00'53	45°46'00
	-917 Jan 08 j 03:50	0° \approx			-915 Jun 15 j 13:01	0° B	
	-917 Feb 01 j 10:28	0° K			-915 Jul 12 j 11:12	0° II	
	-917 Feb 26 j 01:54	0° Y			-915 Aug 07 j 01:37	0° G	
asc. node	-917 Feb 28 j 11:19	2° Y 52'49		asc. node	-915 Aug 15 j 06:29	9° G 50'20	
	-917 Mar 23 j 07:14	0° B			-915 Aug 31 j 20:18	0° Q	
	-917 Apr 18 j 11:14	0° II			-915 Sep 25 j 02:08	0° M	
	-917 May 16 j 12:19	0° G			-915 Oct 19 j 00:46	0° A	
evening max el	-917 May 25 j 10:09	8° G 45'18	45°21'36		-915 Nov 11 j 20:37	0° M	
desc. node	-917 Jun 20 j 01:49	29° G 54'01		morning set	-915 Nov 18 j 09:46	8° M 14'50	
	-917 Jun 20 j 05:31	0° Q		desc. node	-915 Dec 04 j 21:09	28° M 58'53	
greatest brilliancy	-917 Jul 01 j 01:00	5° Q 45'05	-4.5m		-915 Dec 05 j 16:36	0° J	
retrograde	-917 Jul 12 j 23:57	8° Q 15'53			-915 Dec 29 j 14:11	0° C	
evening set	-917 Jul 30 j 03:34	2° Q 47'55					
inferior conj	-917 Aug 03 j 05:09	0° Q 20'50	-8°-10'-5	superior conj	-915 Dec 30 j 11:27	1° C 06'36	0°-55'-35
minimum elong	-917 Aug 02 j 22:04	0° Q 31'44	8°09'19	minimum elong	-915 Dec 29 j 23:50	0° C 30'14	0°55'11
min. Earth dist.	-917 Aug 03 j 14:36	0° Q 06'17	0.28212 AU	max. Earth dist.	-914 Jan 03 j 10:47	6° C 05'01	1.71515 AU
	-917 Aug 03 j 18:41	30° R G			-914 Jan 22 j 14:11	0° \approx	

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Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

evening rise	-914 Feb 09 j 04:36	21° \approx 53'41		morning max el	-912 Jul 31 j 07:21	12° Π 20'14	46°02'26
	-914 Feb 15 j 17:29	0° X			-912 Aug 17 j 13:42	0° S	
	-914 Mar 12 j 01:13	0° Y		asc. node	-912 Sep 11 j 18:21	28° S 12'05	
asc. node	-914 Mar 27 j 23:18	19° Y 29'06			-912 Sep 13 j 07:29	0° Ω	
	-914 Apr 05 j 14:41	0° X			-912 Oct 08 j 11:50	0° M	
	-914 Apr 30 j 11:24	0° Π			-912 Nov 01 j 22:04	0° $\underline{\text{A}}$	
	-914 May 25 j 17:50	0° S			-912 Nov 26 j 00:26	0° M	
	-914 Jun 20 j 15:23	0° Ω			-912 Dec 20 j 00:43	0° X	
desc. node	-914 Jul 17 j 13:37	29° Ω 49'17		desc. node	-911 Jan 01 j 08:57	15° X 24'40	
	-914 Jul 17 j 17:38	0° M			-911 Jan 13 j 01:45	0° S	
evening max el	-914 Aug 06 j 04:57	19° M 57'02	46°27'11	morning set	-911 Feb 03 j 13:33	26° S 44'23	
	-914 Aug 17 j 00:11	0° $\underline{\text{A}}$			-911 Feb 06 j 04:33	0° \approx	
greatest brilliancy	-914 Sep 14 j 14:52	19° $\underline{\text{A}}$ 13'21	-4.6m		-911 Mar 02 j 09:32	0° X	
retrograde	-914 Sep 24 j 23:44	21° $\underline{\text{A}}$ 12'45					
evening set	-914 Oct 10 j 18:57	16° $\underline{\text{A}}$ 24'18		superior conj	-911 Mar 14 j 16:49	15° X 12'00	-1°-16'-58
inferior conj	-914 Oct 15 j 14:41	13° $\underline{\text{A}}$ 34'03	-5°-31'-57	minimum elong	-911 Mar 15 j 00:24	15° X 35'26	1°16'50
minimum elong	-914 Oct 16 j 01:03	13° $\underline{\text{A}}$ 18'22	5°29'20	max. Earth dist.	-911 Mar 17 j 07:17	18° X 24'46	1.73085 AU
min. Earth dist.	-914 Oct 16 j 04:05	13° $\underline{\text{A}}$ 13'47	0.26595 AU		-911 Mar 26 j 16:54	0° Y	
morning rise	-914 Oct 21 j 06:42	10° $\underline{\text{A}}$ 15'09			-911 Apr 20 j 02:40	0° X	
direct	-914 Nov 05 j 01:21	5° $\underline{\text{A}}$ 54'05		evening rise	-911 Apr 21 j 05:56	1° X 23'38	
asc. node	-914 Nov 07 j 15:50	6° $\underline{\text{A}}$ 02'18		asc. node	-911 Apr 24 j 11:18	5° X 20'48	
greatest brilliancy	-914 Nov 17 j 23:28	9° $\underline{\text{A}}$ 00'44	-4.7m		-911 May 14 j 14:38	0° Π	
	-914 Dec 16 j 05:56	0° M			-911 Jun 08 j 04:44	0° S	
morning max el	-914 Dec 25 j 17:58	9° M 18'23	46°51'38		-911 Jul 02 j 21:47	0° Ω	
	-913 Jan 14 j 04:24	0° X			-911 Jul 27 j 19:48	0° M	
	-913 Feb 09 j 14:23	0° S		desc. node	-911 Aug 14 j 01:27	20° M 30'59	
desc. node	-913 Feb 27 j 06:34	20° S 39'53			-911 Aug 22 j 02:27	0° $\underline{\text{A}}$	
	-913 Mar 07 j 04:16	0° \approx			-911 Sep 17 j 00:57	0° M	
	-913 Apr 01 j 09:05	0° X			-911 Oct 14 j 11:56	0° X	
	-913 Apr 26 j 08:34	0° Y		evening max el	-911 Oct 18 j 12:15	4° X 07'00	47°26'25
	-913 May 21 j 03:42	0° X			-911 Nov 17 j 06:10	0° S	
	-913 Jun 14 j 18:12	0° Π		greatest brilliancy	-911 Nov 25 j 17:53	4° S 44'58	-4.7m
asc. node	-913 Jun 20 j 08:56	6° Π 52'49		asc. node	-911 Dec 05 j 03:44	7° S 33'38	
morning set	-913 Jun 25 j 03:54	12° Π 45'48		retrograde	-911 Dec 08 j 11:19	7° S 46'57	
	-913 Jul 09 j 03:34	0° S		evening set	-911 Dec 23 j 14:48	3° S 08'55	
max. Earth dist.	-913 Jul 27 j 16:15	22° S 57'31	1.72530 AU	min. Earth dist.	-911 Dec 28 j 02:44	0° S 26'53	0.26982 AU
					-911 Dec 28 j 20:01	30° R X	
superior conj	-913 Jul 31 j 14:31	27° S 50'36	1°17'23	inferior conj	-911 Dec 29 j 03:45	29° X 47'56	5°38'16
minimum elong	-913 Jul 31 j 07:52	27° S 29'55	1°17'16	minimum elong	-911 Dec 28 j 17:58	0° S 03'11	5°35'55
	-913 Aug 02 j 08:07	0° Ω		morning rise	-910 Jan 02 j 21:52	26° X 55'45	
	-913 Aug 26 j 09:12	0° M		direct	-910 Jan 18 j 15:31	22° X 03'45	
evening rise	-913 Sep 06 j 20:57	14° M 22'11		greatest brilliancy	-910 Jan 29 j 04:03	24° X 08'23	-4.6m
	-913 Sep 19 j 08:47	0° $\underline{\text{A}}$			-910 Feb 09 j 08:59	0° S	
desc. node	-913 Oct 09 j 23:27	25° $\underline{\text{A}}$ 46'34		morning max el	-910 Mar 09 j 03:00	23° S 19'12	46°14'05
	-913 Oct 13 j 08:36	0° M			-910 Mar 15 j 20:20	0° \approx	
	-913 Nov 06 j 09:57	0° X		desc. node	-910 Mar 26 j 18:27	11° \approx 20'12	
	-913 Nov 30 j 14:22	0° S			-910 Apr 12 j 22:19	0° X	
	-913 Dec 25 j 01:00	0° \approx			-910 May 09 j 08:56	0° Y	
	-912 Jan 19 j 00:28	0° X			-910 Jun 04 j 00:32	0° X	
asc. node	-912 Jan 31 j 01:21	14° X 04'01			-910 Jun 29 j 03:15	0° Π	
	-912 Feb 14 j 02:19	0° Y		asc. node	-910 Jul 17 j 20:42	22° Π 43'55	
evening max el	-912 Mar 12 j 06:26	28° Y 32'28	45°33'16		-910 Jul 23 j 19:13	0° S	
	-912 Mar 13 j 18:45	0° X			-910 Aug 17 j 02:05	0° Ω	
greatest brilliancy	-912 Apr 15 j 08:15	24° X 51'08	-4.5m	morning set	-910 Sep 02 j 10:46	20° Ω 24'55	
retrograde	-912 Apr 29 j 23:05	28° X 33'41			-910 Sep 10 j 02:21	0° M	
evening set	-912 May 15 j 00:22	24° X 10'42			-910 Oct 03 j 23:03	0° $\underline{\text{A}}$	
inferior conj	-912 May 21 j 09:32	20° X 21'48	0°03'44	max. Earth dist.	-910 Oct 10 j 10:24	8° $\underline{\text{A}}$ 09'02	1.71101 AU
minimum elong	-912 May 21 j 09:40	20° X 21'35	0°03'42				
transit middle	-912 May 21 j 09:40	20° X 21'35	0°03'42	superior conj	-910 Oct 11 j 05:34	9° $\underline{\text{A}}$ 09'23	0°56'50
transit begin	-912 May 21 j 05:42	20° X 27'45		minimum elong	-910 Oct 11 j 16:24	9° $\underline{\text{A}}$ 43'29	0°56'25
transit end	-912 May 21 j 13:37	20° X 15'24			-910 Oct 27 j 18:49	0° M	
min. Earth dist.	-912 May 21 j 16:17	20° X 11'16	0.28993 AU	desc. node	-910 Nov 06 j 11:24	12° M 11'49	
desc. node	-912 May 21 j 15:57	20° X 11'47			-910 Nov 20 j 15:20	0° X	
morning rise	-912 May 27 j 18:50	16° X 32'19		evening rise	-910 Nov 21 j 18:25	1° X 25'01	
direct	-912 Jun 12 j 02:58	12° X 02'06			-910 Dec 14 j 13:39	0° S	
greatest brilliancy	-912 Jun 26 j 06:04	15° X 30'39	-4.5m		-909 Jan 07 j 15:04	0° \approx	
	-912 Jul 17 j 17:36	0° Π			-909 Jan 31 j 21:55	0° X	

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-909 Feb 25 j 13:49	0°Υ			-907 Aug 06 j 14:01	0°Ϣ		
asc. node	-909 Feb 27 j 13:24	2°Υ23'09		asc. node	-907 Aug 14 j 08:35	9°Ϣ20'00		
	-909 Mar 22 j 20:04	0°Ϡ			-907 Aug 31 j 08:06	0°Ϣ		
	-909 Apr 18 j 02:03	0°Π			-907 Sep 24 j 13:39	0°ϣ		
	-909 May 16 j 08:19	0°ϣ			-907 Oct 18 j 12:07	0°Ϣ		
evening max el	-909 May 23 j 00:08	6°ϣ29'49	45°20'26		-907 Nov 11 j 07:52	0°ϣ		
desc. node	-909 Jun 19 j 03:53	28°ϣ36'04		morning set	-907 Nov 15 j 19:54	5°ϣ40'11		
	-909 Jun 21 j 12:01	0°Ϣ		desc. node	-907 Dec 03 j 23:08	28°ϣ29'56		
greatest brilliancy	-909 Jun 28 j 13:15	3°Ϣ28'15	-4.5m		-907 Dec 05 j 03:47	0°Ϡ		
retrograde	-909 Jul 10 j 13:45	6°Ϣ01'11						
evening set	-909 Jul 27 j 14:35	0°Ϣ37'53		superior conj	-907 Dec 27 j 21:09	28°Ϡ31'41	0°-52'-31	
	-909 Jul 28 j 16:31	30°ϣϣ		minimum elong	-907 Dec 27 j 09:44	27°Ϡ55'53	0°52'07	
inferior conj	-909 Jul 31 j 19:53	28°ϣ05'33	-8°-1'-30		-907 Dec 29 j 01:20	0°Ϣ		
minimum elong	-909 Jul 31 j 12:12	28°ϣ17'21	8°00'36	max. Earth dist.	-907 Dec 31 j 16:54	3°Ϣ19'01	1.71472 AU	
min. Earth dist.	-909 Aug 01 j 05:12	27°ϣ51'12	0.28256 AU		-906 Jan 22 j 01:20	0°≈		
morning rise	-909 Aug 04 j 09:31	25°ϣ55'14		evening rise	-906 Feb 06 j 16:58	19°≈28'33		
direct	-909 Aug 22 j 04:25	19°ϣ59'23			-906 Feb 15 j 04:38	0°Ϡ		
greatest brilliancy	-909 Sep 05 j 13:05	23°ϣ39'01	-4.6m		-906 Mar 11 j 12:26	0°Υ		
	-909 Sep 16 j 01:38	0°Ϣ		asc. node	-906 Mar 27 j 01:29	19°Υ01'07		
asc. node	-909 Oct 10 j 06:13	21°Ϣ12'52			-906 Apr 05 j 02:08	0°Ϡ		
morning max el	-909 Oct 11 j 12:26	22°Ϣ28'59	46°42'51		-906 Apr 29 j 23:21	0°Π		
	-909 Oct 18 j 18:31	0°ϣ			-906 May 25 j 06:42	0°ϣ		
	-909 Nov 14 j 14:07	0°Ϣ			-906 Jun 20 j 05:59	0°Ϣ		
	-909 Dec 09 j 20:11	0°ϣ		desc. node	-906 Jul 16 j 15:36	29°Ϣ05'51		
	-908 Jan 03 j 12:44	0°Ϡ			-906 Jul 17 j 12:01	0°ϣ		
desc. node	-908 Jan 28 j 00:51	0°Ϣ		evening max el	-906 Aug 03 j 18:23	17°ϣ35'08	46°24'17	
	-908 Jan 29 j 20:44	2°Ϣ14'29			-906 Aug 17 j 07:34	0°Ϣ		
	-908 Feb 21 j 12:01	0°≈		greatest brilliancy	-906 Sep 12 j 02:11	16°Ϣ44'19	-4.6m	
	-908 Mar 16 j 23:22	0°Ϡ		retrograde	-906 Sep 22 j 12:09	18°Ϣ44'04		
	-908 Apr 10 j 11:03	0°Υ		evening set	-906 Oct 08 j 10:10	13°Ϣ50'50		
morning set	-908 Apr 15 j 16:59	6°Υ25'45		inferior conj	-906 Oct 13 j 02:42	11°Ϣ04'58	-5°-50'-36	
	-908 May 04 j 22:36	0°Ϡ		minimum elong	-906 Oct 13 j 13:18	10°Ϣ48'56	5°48'02	
max. Earth dist.	-908 May 20 j 11:24	19°Ϡ03'37	1.73659 AU	min. Earth dist.	-906 Oct 13 j 16:42	10°Ϣ43'47	0.26641 AU	
asc. node	-908 May 21 j 23:09	20°Ϡ53'18		morning rise	-906 Oct 18 j 16:03	7°Ϣ49'57		
				direct	-906 Nov 02 j 14:32	3°Ϣ24'21		
superior conj	-908 May 22 j 03:08	21°Ϡ05'36	0°00'24	asc. node	-906 Nov 06 j 17:53	3°Ϣ44'59		
minimum elong	-908 May 22 j 03:02	21°Ϡ05'16	0°00'24	greatest brilliancy	-906 Nov 15 j 13:39	6°Ϣ32'48	-4.7m	
behind sun begin	-908 May 21 j 04:52	19°Ϡ57'13			-906 Dec 16 j 09:12	0°ϣ		
behind sun end	-908 May 23 j 01:12	22°Ϡ13'19		morning max el	-906 Dec 23 j 08:24	6°ϣ54'16	46°52'20	
	-908 May 29 j 09:10	0°Π			-905 Jan 13 j 22:15	0°Ϡ		
	-908 Jun 22 j 18:05	0°ϣ			-905 Feb 09 j 05:06	0°Ϣ		
evening rise	-908 Jun 26 j 20:41	5°ϣ03'52		desc. node	-905 Feb 26 j 08:45	20°Ϣ06'23		
	-908 Jul 17 j 01:31	0°Ϣ			-905 Mar 06 j 17:26	0°≈		
	-908 Aug 10 j 08:34	0°ϣ			-905 Mar 31 j 21:19	0°Ϡ		
	-908 Sep 03 j 16:50	0°Ϣ			-905 Apr 25 j 20:12	0°Υ		
desc. node	-908 Sep 10 j 13:35	8°Ϣ26'17			-905 May 20 j 14:57	0°Ϡ		
	-908 Sep 28 j 03:59	0°ϣ			-905 Jun 14 j 05:14	0°Π		
	-908 Oct 22 j 20:25	0°Ϡ		asc. node	-905 Jun 19 j 10:57	6°Π25'17		
	-908 Nov 16 j 23:46	0°Ϣ		morning set	-905 Jun 22 j 22:12	10°Π40'49		
	-908 Dec 13 j 05:32	0°≈			-905 Jul 08 j 14:31	0°ϣ		
evening max el	-908 Dec 28 j 19:47	16°≈33'15	46°49'34	max. Earth dist.	-905 Jul 25 j 09:36	20°ϣ48'16	1.72585 AU	
asc. node	-907 Jan 01 j 15:36	20°≈23'11						
	-907 Jan 11 j 20:47	0°Ϡ		superior conj	-905 Jul 29 j 07:57	25°ϣ41'21	1°16'01	
greatest brilliancy	-907 Feb 02 j 22:40	15°Ϡ48'58	-4.6m	minimum elong	-905 Jul 29 j 00:53	25°ϣ19'24	1°15'54	
retrograde	-907 Feb 17 j 07:54	19°Ϡ35'36			-905 Aug 01 j 19:07	0°Ϣ		
evening set	-907 Mar 06 j 23:58	13°Ϡ33'16			-905 Aug 25 j 20:20	0°ϣ		
inferior conj	-907 Mar 10 j 15:19	11°Ϡ16'08	7°55'39	evening rise	-905 Sep 04 j 11:20	12°ϣ01'59		
minimum elong	-907 Mar 10 j 21:43	11°Ϡ05'57	7°55'00		-905 Sep 18 j 20:07	0°Ϣ		
min. Earth dist.	-907 Mar 10 j 11:32	11°Ϡ22'09	0.28766 AU	desc. node	-905 Oct 09 j 01:35	25°Ϣ17'10		
morning rise	-907 Mar 14 j 19:39	8°Ϡ39'32			-905 Oct 12 j 20:10	0°ϣ		
direct	-907 Mar 31 j 22:20	3°Ϡ01'13			-905 Nov 05 j 21:48	0°Ϡ		
greatest brilliancy	-907 Apr 12 j 21:23	5°Ϡ34'03	-4.5m		-905 Nov 30 j 02:33	0°Ϣ		
desc. node	-907 Apr 23 j 06:07	11°Ϡ04'02			-905 Dec 24 j 13:43	0°≈		
	-907 May 16 j 17:00	0°Υ			-904 Jan 18 j 14:12	0°Ϡ		
morning max el	-907 May 19 j 17:15	2°Υ50'08	45°46'19	asc. node	-904 Jan 30 j 03:29	13°Ϡ28'08		
	-907 Jun 15 j 05:15	0°Ϡ			-904 Feb 13 j 18:22	0°Υ		
	-907 Jul 12 j 00:47	0°Π		evening max el	-904 Mar 09 j 22:53	26°Υ22'06	45°35'06	

Planetary Phenomena of Venus from -1400 through -900 (UT), Astrodienst AG 7-Dez-2017 14:45, page 100

Attention, astronomical year style is used: The year -1399 in astronomical counting style is the year 1400 BCE in historical counting style.

	-904 Mar 13 j 18:03	0°♄				-902 Oct 03 j 10:14	0°♅	
greatest brilliancy	-904 Apr 13 j 01:04	22°♄42'56	-4.5m	max. Earth dist.		-902 Oct 07 j 16:16	5°♅21'13	1.71128 AU
retrograde	-904 Apr 27 j 15:35	26°♄24'52						
evening set	-904 May 12 j 17:47	22°♄00'51		superior conj		-902 Oct 08 j 17:42	6°♅41'15	0°59'33
inferior conj	-904 May 19 j 02:00	18°♄12'42	0°23'18	minimum elong		-902 Oct 09 j 04:32	7°♅15'21	0°59'10
minimum elong	-904 May 19 j 02:51	18°♄11'22	0°23'04			-902 Oct 27 j 06:04	0°♄	
min. Earth dist.	-904 May 19 j 08:45	18°♄02'08	0.29001 AU	desc. node		-902 Nov 05 j 13:24	11°♄42'42	
desc. node	-904 May 20 j 17:59	17°♄10'18		evening rise		-902 Nov 19 j 04:03	28°♄49'03	
morning rise	-904 May 25 j 11:50	14°♄22'10				-902 Nov 20 j 02:39	0°♄	
direct	-904 Jun 09 j 19:51	9°♄53'02				-902 Dec 14 j 01:04	0°♄	
greatest brilliancy	-904 Jun 23 j 20:02	13°♄18'25	-4.5m			-901 Jan 07 j 02:37	0°♄	
	-904 Jul 17 j 22:49	0°♄				-901 Jan 31 j 09:43	0°♄	
morning max el	-904 Jul 28 j 22:59	10°♄07'57	46°01'12			-901 Feb 25 j 02:06	0°♄	
	-904 Aug 17 j 07:08	0°♄		asc. node		-901 Feb 26 j 15:34	1°♄52'34	
asc. node	-904 Sep 10 j 20:34	27°♄36'38				-901 Mar 22 j 09:19	0°♄	
	-904 Sep 12 j 21:46	0°♄				-901 Apr 17 j 17:23	0°♄	
	-904 Oct 08 j 00:47	0°♄				-901 May 16 j 05:19	0°♄	
	-904 Nov 01 j 10:23	0°♄		evening max el		-901 May 20 j 14:04	4°♄13'35	45°19'29
	-904 Nov 25 j 12:23	0°♄		desc. node		-901 Jun 18 j 05:54	27°♄14'58	
	-904 Dec 19 j 12:25	0°♄				-901 Jun 23 j 09:17	0°♄	
desc. node	-904 Dec 31 j 11:00	14°♄54'56		greatest brilliancy		-901 Jun 26 j 00:23	1°♄09'38	-4.5m
	-903 Jan 12 j 13:14	0°♄		retrograde		-901 Jul 08 j 04:05	3°♄46'13	
morning set	-903 Feb 01 j 01:25	24°♄17'04				-901 Jul 22 j 05:20	30°♄	
	-903 Feb 05 j 15:50	0°♄		evening set		-901 Jul 25 j 01:36	28°♄27'18	
	-903 Mar 01 j 20:39	0°♄		inferior conj		-901 Jul 29 j 10:39	25°♄49'46	-7°-52'-14
				minimum elong		-901 Jul 29 j 02:26	26°♄02'23	7°51'11
superior conj	-903 Mar 12 j 08:02	12°♄56'35	-1°-18'-22	min. Earth dist.		-901 Jul 29 j 19:42	25°♄35'50	0.28301 AU
minimum elong	-903 Mar 12 j 15:08	13°♄18'32	1°18'15	morning rise		-901 Aug 02 j 02:56	23°♄35'37	
max. Earth dist.	-903 Mar 15 j 04:00	16°♄26'21	1.73037 AU	direct		-901 Aug 19 j 19:12	17°♄42'34	
	-903 Mar 26 j 03:57	0°♄		greatest brilliancy		-901 Sep 03 j 06:09	21°♄24'20	-4.6m
evening rise	-903 Apr 18 j 23:27	29°♄16'08				-901 Sep 16 j 19:32	0°♄	
	-903 Apr 19 j 13:45	0°♄		morning max el		-901 Oct 09 j 02:53	20°♄07'38	46°41'54
asc. node	-903 Apr 23 j 13:19	4°♄52'59		asc. node		-901 Oct 09 j 08:10	20°♄20'58	
	-903 May 14 j 01:52	0°♄				-901 Oct 18 j 14:15	0°♄	
	-903 Jun 07 j 16:16	0°♄				-901 Nov 14 j 05:31	0°♄	
	-903 Jul 02 j 09:48	0°♄				-901 Dec 09 j 09:48	0°♄	
	-903 Jul 27 j 08:36	0°♄				-900 Jan 03 j 01:23	0°♄	
desc. node	-903 Aug 13 j 03:40	19°♄57'17				-900 Jan 27 j 12:53	0°♄	
	-903 Aug 21 j 16:33	0°♄		desc. node		-900 Jan 28 j 22:56	1°♄44'25	
	-903 Sep 16 j 17:27	0°♄				-900 Feb 20 j 23:37	0°♄	
	-903 Oct 14 j 10:11	0°♄				-900 Mar 16 j 10:40	0°♄	
evening max el	-903 Oct 16 j 02:30	1°♄42'36	47°25'37			-900 Apr 09 j 22:07	0°♄	
	-903 Nov 18 j 19:46	0°♄		morning set		-900 Apr 13 j 10:29	4°♄18'31	
greatest brilliancy	-903 Nov 23 j 10:49	2°♄21'17	-4.7m			-900 May 04 j 09:30	0°♄	
asc. node	-903 Dec 04 j 05:46	5°♄15'11		max. Earth dist.		-900 May 18 j 09:24	17°♄10'26	1.73670 AU
retrograde	-903 Dec 06 j 00:38	5°♄19'04						
evening set	-903 Dec 21 j 01:33	0°♄45'55		superior conj		-900 May 19 j 21:36	19°♄01'35	0°-2'-44
	-903 Dec 22 j 09:30	30°♄		minimum elong		-900 May 19 j 22:10	19°♄03'18	0°02'43
min. Earth dist.	-903 Dec 25 j 16:47	27°♄59'17	0.26918 AU	behind sun begin		-900 May 19 j 00:07	17°♄55'38	
inferior conj	-903 Dec 26 j 17:01	27°♄21'33	5°20'31	behind sun end		-900 May 20 j 20:12	20°♄10'58	
minimum elong	-903 Dec 26 j 07:24	27°♄36'31	5°18'06	asc. node		-900 May 21 j 01:10	20°♄26'13	
morning rise	-903 Dec 31 j 13:58	24°♄25'14				-900 May 28 j 20:01	0°♄	
direct	-902 Jan 16 j 04:02	19°♄38'31				-900 Jun 22 j 05:02	0°♄	
greatest brilliancy	-902 Jan 26 j 17:35	21°♄43'44	-4.6m	evening rise		-900 Jun 24 j 15:45	3°♄00'56	
	-902 Feb 10 j 10:33	0°♄				-900 Jul 16 j 12:41	0°♄	
morning max el	-902 Mar 06 j 15:32	20°♄55'28	46°15'33			-900 Aug 09 j 20:04	0°♄	
	-902 Mar 15 j 17:03	0°♄		desc. node		-900 Sep 03 j 04:46	0°♄	
desc. node	-902 Mar 25 j 20:33	10°♄37'26				-900 Sep 09 j 15:40	7°♄55'39	
	-902 Apr 12 j 13:52	0°♄				-900 Sep 27 j 16:28	0°♄	
	-902 May 08 j 22:21	0°♄				-900 Oct 22 j 09:42	0°♄	
	-902 Jun 03 j 12:52	0°♄				-900 Nov 16 j 14:28	0°♄	
	-902 Jun 28 j 14:58	0°♄				-900 Dec 12 j 23:23	0°♄	
asc. node	-902 Jul 16 j 22:48	22°♄15'28		evening max el		-900 Dec 26 j 10:50	14°♄14'53	46°52'13
	-902 Jul 23 j 06:35	0°♄						
	-902 Aug 16 j 13:17	0°♄						
morning set	-902 Aug 31 j 01:45	18°♄06'43						
	-902 Sep 09 j 13:30	0°♄						

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 1

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-900 May 19 j 21:36	19°♄01'35	0°-2'-44	min. Earth dist.	-898 Oct 11 j 05:22	8°♌15'02	0.26688 AU
minimum elong	-900 May 19 j 22:10	19°♄03'18	0°02'43	morning rise	-898 Oct 16 j 01:16	5°♌25'57	
behind sun begin	-900 May 19 j 00:07	17°♄55'38		direct	-898 Oct 31 j 03:59	0°♌55'49	
behind sun end	-900 May 20 j 20:12	20°♄10'58		asc. node	-898 Nov 05 j 19:58	1°♌34'05	
asc. node	-900 May 21 j 01:10	20°♄26'13		greatest brilliancy	-898 Nov 13 j 03:17	4°♌04'50	-4.7m
	-900 May 28 j 20:01	0°♈			-898 Dec 16 j 10:46	0°♌	
	-900 Jun 22 j 05:02	0°♄		morning max el	-898 Dec 20 j 22:33	4°♌29'57	46°53'00
evening rise	-900 Jun 24 j 15:45	3°♄00'56			-897 Jan 13 j 15:30	0°♌	
	-900 Jul 16 j 12:41	0°♌			-897 Feb 08 j 19:25	0°♌	
	-900 Aug 09 j 20:04	0°♍		desc. node	-897 Feb 25 j 10:50	19°♌33'35	
	-900 Sep 03 j 04:46	0°♌			-897 Mar 06 j 06:14	0°♌	
desc. node	-900 Sep 09 j 15:40	7°♌55'39			-897 Mar 31 j 09:13	0°♌	
	-900 Sep 27 j 16:28	0°♌			-897 Apr 25 j 07:31	0°♌	
	-900 Oct 22 j 09:42	0°♌			-897 May 20 j 01:56	0°♌	
	-900 Nov 16 j 14:28	0°♌			-897 Jun 13 j 16:01	0°♌	
	-900 Dec 12 j 23:23	0°♌		asc. node	-897 Jun 18 j 13:07	5°♌58'54	
evening max el	-900 Dec 26 j 10:50	14°♌14'53	46°52'13	morning set	-897 Jun 20 j 16:38	8°♌37'01	
asc. node	-900 Dec 31 j 17:42	19°♌31'01			-897 Jul 08 j 01:15	0°♌	
	-899 Jan 12 j 02:41	0°♌		max. Earth dist.	-897 Jul 23 j 01:08	18°♌34'12	1.72640 AU
greatest brilliancy	-899 Jan 31 j 14:39	13°♌35'15	-4.6m				
retrograde	-899 Feb 15 j 00:51	17°♌23'17		superior conj	-897 Jul 27 j 01:30	23°♌33'24	1°14'34
evening set	-899 Mar 04 j 18:06	11°♌17'45		minimum elong	-897 Jul 26 j 18:05	23°♌10'21	1°14'24
inferior conj	-899 Mar 08 j 07:34	9°♌03'39	8°02'50		-897 Aug 01 j 05:52	0°♌	
minimum elong	-899 Mar 08 j 13:24	8°♌54'22	8°02'17		-897 Aug 25 j 07:12	0°♌	
min. Earth dist.	-899 Mar 08 j 02:35	9°♌11'34	0.28733 AU	evening rise	-897 Sep 02 j 01:52	9°♌43'11	
morning rise	-899 Mar 12 j 08:55	6°♌31'49			-897 Sep 18 j 07:10	0°♌	
direct	-899 Mar 29 j 13:52	0°♌49'14		desc. node	-897 Oct 08 j 03:33	24°♌48'06	
greatest brilliancy	-899 Apr 10 j 11:39	3°♌21'13	-4.5m		-897 Oct 12 j 07:29	0°♌	
desc. node	-899 Apr 22 j 08:08	9°♌48'53			-897 Nov 05 j 09:25	0°♌	
	-899 May 16 j 16:24	0°♌			-897 Nov 29 j 14:31	0°♌	
morning max el	-899 May 17 j 09:58	0°♌41'44	45°46'37		-897 Dec 24 j 02:14	0°♌	
	-899 Jun 14 j 21:14	0°♌			-896 Jan 18 j 03:45	0°♌	
	-899 Jul 11 j 14:14	0°♌		asc. node	-896 Jan 29 j 05:40	12°♌53'07	
	-899 Aug 06 j 02:18	0°♌			-896 Feb 13 j 10:18	0°♌	
asc. node	-899 Aug 13 j 10:46	8°♌50'09		evening max el	-896 Mar 07 j 14:53	24°♌11'39	45°37'02
	-899 Aug 30 j 19:49	0°♌			-896 Mar 13 j 17:52	0°♌	
	-899 Sep 24 j 01:05	0°♌		greatest brilliancy	-896 Apr 10 j 18:02	20°♌36'25	-4.5m
	-899 Oct 17 j 23:24	0°♌		retrograde	-896 Apr 25 j 07:49	24°♌17'58	
	-899 Nov 10 j 19:04	0°♌		evening set	-896 May 10 j 11:33	19°♌52'41	
morning set	-899 Nov 13 j 06:20	3°♌06'38		inferior conj	-896 May 16 j 18:43	16°♌05'37	0°42'38
desc. node	-899 Dec 03 j 01:14	28°♌01'32		minimum elong	-896 May 16 j 20:17	16°♌03'10	0°42'12
	-899 Dec 04 j 14:55	0°♌		min. Earth dist.	-896 May 17 j 01:45	15°♌54'35	0.29010 AU
				desc. node	-896 May 19 j 20:03	14°♌11'42	
superior conj	-899 Dec 25 j 07:00	25°♌57'26	0°-49'-21	morning rise	-896 May 23 j 04:55	12°♌14'04	
minimum elong	-899 Dec 24 j 19:52	25°♌22'30	0°48'56	direct	-896 Jun 07 j 12:35	7°♌45'53	
	-899 Dec 28 j 12:24	0°♌		greatest brilliancy	-896 Jun 21 j 10:23	11°♌08'08	-4.5m
max. Earth dist.	-899 Dec 29 j 01:28	0°♌40'57	1.71426 AU		-896 Jul 18 j 01:44	0°♌	
	-898 Jan 21 j 12:20	0°♌		morning max el	-896 Jul 26 j 14:07	7°♌55'36	45°59'54
evening rise	-898 Feb 04 j 05:34	17°♌04'36			-896 Aug 16 j 23:52	0°♌	
	-898 Feb 14 j 15:38	0°♌		asc. node	-896 Sep 09 j 22:33	27°♌01'43	
	-898 Mar 10 j 23:31	0°♌			-896 Sep 12 j 11:36	0°♌	
asc. node	-898 Mar 26 j 03:28	18°♌32'55			-896 Oct 07 j 13:21	0°♌	
	-898 Apr 04 j 13:28	0°♌			-896 Oct 31 j 22:18	0°♌	
	-898 Apr 29 j 11:13	0°♌			-896 Nov 24 j 23:57	0°♌	
	-898 May 24 j 19:32	0°♌			-896 Dec 18 j 23:45	0°♌	
	-898 Jun 19 j 20:38	0°♌		desc. node	-896 Dec 30 j 13:08	14°♌26'36	
desc. node	-898 Jul 15 j 17:49	28°♌22'58			-895 Jan 12 j 00:22	0°♌	
	-898 Jul 17 j 06:42	0°♌		morning set	-895 Jan 29 j 13:07	21°♌50'05	
evening max el	-898 Aug 01 j 08:34	15°♌15'46	46°21'26		-895 Feb 05 j 02:47	0°♌	
	-898 Aug 17 j 17:17	0°♌			-895 Mar 01 j 07:27	0°♌	
greatest brilliancy	-898 Sep 09 j 13:50	14°♌16'48	-4.6m				
retrograde	-898 Sep 20 j 00:23	16°♌16'20		superior conj	-895 Mar 09 j 23:18	10°♌42'20	-1°-19'-39
evening set	-898 Oct 06 j 01:36	11°♌18'33		minimum elong	-895 Mar 10 j 05:52	11°♌02'36	1°19'32
inferior conj	-898 Oct 10 j 14:52	8°♌36'59	-6°-8'-28	max. Earth dist.	-895 Mar 12 j 23:07	14°♌24'04	1.72984 AU
minimum elong	-898 Oct 11 j 01:35	8°♌20'45	6°05'59		-895 Mar 25 j 14:39	0°♌	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 2

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-895 Apr 16 j 17:04	27° Υ 10'05			-893 Sep 17 j 08:17	0° Ω	
	-895 Apr 19 j 00:27	0° \mathcal{B}		morning max el	-893 Oct 06 j 18:13	17° Ω 49'50	46°40'36
asc. node	-895 Apr 22 j 15:24	4° \mathcal{B} 26'35		asc. node	-893 Oct 08 j 10:18	19° Ω 31'30	
	-895 May 13 j 12:42	0° Π			-893 Oct 18 j 09:07	0° \mathfrak{M}	
	-895 Jun 07 j 03:24	0° \mathfrak{E}			-893 Nov 13 j 20:30	0° $\underline{\mathfrak{A}}$	
	-895 Jul 01 j 21:28	0° Ω			-893 Dec 08 j 23:07	0° \mathfrak{M}	
	-895 Jul 26 j 21:07	0° \mathfrak{M}			-892 Jan 02 j 13:46	0° \mathcal{A}	
desc. node	-895 Aug 12 j 05:40	19° \mathfrak{M} 23'50			-892 Jan 27 j 00:40	0° \mathcal{B}	
	-895 Aug 21 j 06:27	0° $\underline{\mathfrak{A}}$		desc. node	-892 Jan 28 j 01:01	1° \mathcal{B} 14'44	
	-895 Sep 16 j 09:53	0° \mathfrak{M}			-892 Feb 20 j 10:59	0° \approx	
evening max el	-895 Oct 13 j 15:54	29° \mathfrak{M} 17'04	47°24'49		-892 Mar 15 j 21:43	0° \mathcal{H}	
	-895 Oct 14 j 08:55	0° \mathcal{A}			-892 Apr 09 j 08:57	0° Υ	
greatest brilliancy	-895 Nov 21 j 03:30	29° \mathcal{A} 58'07	-4.7m	morning set	-892 Apr 11 j 03:47	2° Υ 11'19	
	-895 Nov 21 j 05:12	0° \mathcal{B}			-892 May 03 j 20:12	0° \mathcal{B}	
asc. node	-895 Dec 03 j 07:55	2° \mathcal{B} 52'11		max. Earth dist.	-892 May 16 j 08:15	15° \mathcal{B} 20'29	1.73677 AU
retrograde	-895 Dec 03 j 13:40	2° \mathcal{B} 52'15					
	-895 Dec 15 j 09:28	30° \mathcal{R} \mathcal{A}		superior conj	-892 May 17 j 16:05	16° \mathcal{B} 58'15	0°-5'-51
evening set	-895 Dec 18 j 12:25	28° \mathcal{A} 23'21		minimum elong	-892 May 17 j 17:16	17° \mathcal{B} 01'51	0°05'48
min. Earth dist.	-895 Dec 23 j 07:07	25° \mathcal{A} 32'08	0.26857 AU	behind sun begin	-892 May 16 j 20:17	15° \mathcal{B} 57'26	
inferior conj	-895 Dec 24 j 06:14	24° \mathcal{A} 56'08	5°02'01	behind sun end	-892 May 18 j 14:14	18° \mathcal{B} 06'15	
minimum elong	-895 Dec 23 j 20:54	25° \mathcal{A} 10'41	4°59'34	asc. node	-892 May 20 j 03:22	20° \mathcal{B} 00'13	
morning rise	-895 Dec 29 j 06:00	21° \mathcal{A} 55'48			-892 May 28 j 06:41	0° Π	
direct	-894 Jan 13 j 16:07	17° \mathcal{A} 13'55			-892 Jun 21 j 15:45	0° \mathfrak{E}	
greatest brilliancy	-894 Jan 24 j 08:07	19° \mathcal{A} 21'00	-4.6m	evening rise	-892 Jun 22 j 11:00	0° \mathfrak{E} 59'18	
	-894 Feb 11 j 04:57	0° \mathcal{B}			-892 Jul 15 j 23:36	0° Ω	
morning max el	-894 Mar 04 j 04:13	18° \mathcal{B} 32'54	46°17'05		-892 Aug 09 j 07:18	0° \mathfrak{M}	
	-894 Mar 15 j 12:44	0° \approx			-892 Sep 02 j 16:26	0° $\underline{\mathfrak{A}}$	
desc. node	-894 Mar 24 j 22:30	9° \approx 55'51		desc. node	-892 Sep 08 j 17:41	7° $\underline{\mathfrak{A}}$ 25'34	
	-894 Apr 12 j 04:49	0° \mathcal{H}			-892 Sep 27 j 04:45	0° \mathfrak{M}	
	-894 May 08 j 11:17	0° Υ			-892 Oct 21 j 22:54	0° \mathcal{A}	
	-894 Jun 03 j 00:44	0° \mathcal{B}			-892 Nov 16 j 05:15	0° \mathcal{B}	
	-894 Jun 28 j 02:14	0° Π			-892 Dec 12 j 17:40	0° \approx	
asc. node	-894 Jul 16 j 00:59	21° Π 48'31		evening max el	-892 Dec 24 j 02:45	11° \approx 58'29	46°54'47
	-894 Jul 22 j 17:31	0° \mathfrak{E}		asc. node	-892 Dec 30 j 19:52	18° \approx 37'56	
	-894 Aug 16 j 00:06	0° Ω			-891 Jan 12 j 11:02	0° \mathcal{H}	
morning set	-894 Aug 28 j 16:51	15° Ω 50'00		greatest brilliancy	-891 Jan 29 j 07:05	11° \mathcal{H} 21'38	-4.6m
	-894 Sep 09 j 00:19	0° \mathfrak{M}		retrograde	-891 Feb 12 j 17:44	15° \mathcal{H} 09'56	
	-894 Oct 02 j 21:07	0° $\underline{\mathfrak{A}}$		evening set	-891 Mar 02 j 11:47	9° \mathcal{H} 01'38	
max. Earth dist.	-894 Oct 04 j 23:59	2° $\underline{\mathfrak{A}}$ 40'05	1.71162 AU	inferior conj	-891 Mar 05 j 23:30	6° \mathcal{H} 50'14	8°09'21
				minimum elong	-891 Mar 06 j 04:45	6° \mathcal{H} 41'54	8°08'54
superior conj	-894 Oct 06 j 05:43	4° $\underline{\mathfrak{A}}$ 13'42	1°02'10	min. Earth dist.	-891 Mar 05 j 17:04	7° \mathcal{H} 00'26	0.28695 AU
minimum elong	-894 Oct 06 j 16:29	4° $\underline{\mathfrak{A}}$ 47'35	1°01'49	morning rise	-891 Mar 09 j 21:56	4° \mathcal{H} 22'59	
	-894 Oct 26 j 17:02	0° \mathfrak{M}			-891 Mar 18 j 22:40	30° \mathcal{R} \approx	
desc. node	-894 Nov 04 j 15:31	11° \mathfrak{M} 14'45		direct	-891 Mar 27 j 05:29	28° \approx 36'32	
evening rise	-894 Nov 16 j 13:25	26° \mathfrak{M} 13'03			-891 Apr 04 j 21:41	0° \mathcal{H}	
	-894 Nov 19 j 13:42	0° \mathcal{A}		greatest brilliancy	-891 Apr 08 j 00:31	1° \mathcal{H} 06'25	-4.5m
	-894 Dec 13 j 12:12	0° \mathcal{B}		desc. node	-891 Apr 21 j 10:18	8° \mathcal{H} 36'07	
	-893 Jan 06 j 13:54	0° \approx		morning max el	-891 May 15 j 02:42	28° \mathcal{H} 33'33	45°46'57
	-893 Jan 30 j 21:16	0° \mathcal{H}			-891 May 16 j 14:47	0° Υ	
	-893 Feb 24 j 14:09	0° Υ			-891 Jun 14 j 12:53	0° \mathcal{B}	
asc. node	-893 Feb 25 j 17:33	1° Υ 22'15			-891 Jul 11 j 03:29	0° Π	
	-893 Mar 21 j 22:21	0° \mathcal{B}			-891 Aug 05 j 14:26	0° \mathfrak{E}	
	-893 Apr 17 j 08:35	0° Π		asc. node	-891 Aug 12 j 12:44	8° \mathfrak{E} 20'09	
	-893 May 16 j 02:36	0° \mathfrak{E}			-891 Aug 30 j 07:22	0° Ω	
evening max el	-893 May 18 j 04:51	2° \mathfrak{E} 00'40	45°18'48		-891 Sep 23 j 12:20	0° \mathfrak{M}	
desc. node	-893 Jun 17 j 08:05	25° \mathfrak{E} 53'01			-891 Oct 17 j 10:31	0° $\underline{\mathfrak{A}}$	
greatest brilliancy	-893 Jun 23 j 10:42	28° \mathfrak{E} 51'50	-4.5m		-891 Nov 10 j 06:08	0° \mathfrak{M}	
	-893 Jun 26 j 12:53	0° Ω		morning set	-891 Nov 10 j 16:58	0° \mathfrak{M} 34'06	
retrograde	-893 Jul 05 j 19:01	1° Ω 33'08		desc. node	-891 Dec 02 j 03:23	27° \mathfrak{M} 33'31	
	-893 Jul 14 j 16:29	30° \mathcal{R} \mathfrak{E}			-891 Dec 04 j 01:58	0° \mathcal{A}	
evening set	-893 Jul 22 j 12:51	26° \mathfrak{E} 18'27					
inferior conj	-893 Jul 27 j 01:35	23° \mathfrak{E} 35'46	-7°-42'-21	superior conj	-891 Dec 22 j 16:27	23° \mathcal{A} 21'52	0°-46'-2
minimum elong	-893 Jul 26 j 16:54	23° \mathfrak{E} 49'04	7°41'08	minimum elong	-891 Dec 22 j 05:43	22° \mathcal{A} 48'12	0°45'37
min. Earth dist.	-893 Jul 27 j 10:00	23° \mathfrak{E} 22'50	0.28344 AU	max. Earth dist.	-891 Dec 26 j 11:20	28° \mathcal{A} 06'48	1.71387 AU
morning rise	-893 Jul 30 j 20:38	21° \mathfrak{E} 17'42			-891 Dec 27 j 23:27	0° \mathcal{B}	
direct	-893 Aug 17 j 10:43	15° \mathfrak{E} 27'42			-890 Jan 20 j 23:22	0° \approx	
greatest brilliancy	-893 Aug 31 j 23:07	19° \mathfrak{E} 11'21	-4.6m	evening rise	-890 Feb 01 j 17:31	14° \approx 38'20	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 3

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-890 Feb 14 j 02:40	0° H		asc. node	-888 Sep 09 j 00:38	26° S 26'38	
	-890 Mar 10 j 10:38	0° Y			-888 Sep 12 j 01:33	0° Ω	
asc. node	-890 Mar 25 j 05:35	18° Y 04'58			-888 Oct 07 j 02:05	0° M	
	-890 Apr 04 j 00:52	0° B			-888 Oct 31 j 10:25	0° L	
	-890 Apr 28 j 23:10	0° II			-888 Nov 24 j 11:41	0° M	
	-890 May 24 j 08:30	0° S			-888 Dec 18 j 11:13	0° J	
	-890 Jun 19 j 11:30	0° Ω		desc. node	-888 Dec 29 j 15:10	13° J 57'31	
desc. node	-890 Jul 14 j 19:52	27° Ω 39'06			-887 Jan 11 j 11:36	0° S	
	-890 Jul 17 j 01:53	0° M		morning set	-887 Jan 27 j 00:54	19° S 22'50	
evening max el	-890 Jul 29 j 22:41	12° M 56'23	46°18'39		-887 Feb 04 j 13:52	0° \approx	
	-890 Aug 18 j 06:06	0° L			-887 Feb 28 j 18:26	0° H	
greatest brilliancy	-890 Sep 07 j 02:28	11° L 51'13	-4.6m				
retrograde	-890 Sep 17 j 12:20	13° L 49'35		superior conj	-887 Mar 07 j 14:31	8° H 27'14	-1°-20'-46
evening set	-890 Oct 03 j 17:19	8° L 47'27		minimum elong	-887 Mar 07 j 20:29	8° H 45'39	1°20'43
inferior conj	-890 Oct 08 j 03:17	6° L 10'14	-6°-25'-28	max. Earth dist.	-887 Mar 10 j 16:19	12° H 15'08	1.72936 AU
minimum elong	-890 Oct 08 j 14:03	5° L 53'54	6°23'04		-887 Mar 25 j 01:36	0° Y	
min. Earth dist.	-890 Oct 08 j 18:24	5° L 47'17	0.26733 AU	evening rise	-887 Apr 14 j 10:21	25° Y 02'11	
morning rise	-890 Oct 13 j 10:29	3° L 03'14			-887 Apr 18 j 11:27	0° B	
	-890 Oct 20 j 02:19	30° R M		asc. node	-887 Apr 21 j 17:34	3° B 59'26	
direct	-890 Oct 28 j 17:18	28° M 28'35			-887 May 12 j 23:51	0° II	
asc. node	-890 Nov 04 j 22:07	29° M 29'29			-887 Jun 06 j 14:52	0° S	
	-890 Nov 06 j 14:20	0° L			-887 Jul 01 j 09:29	0° Ω	
greatest brilliancy	-890 Nov 10 j 16:56	1° L 37'43	-4.7m		-887 Jul 26 j 10:03	0° M	
	-890 Dec 16 j 10:58	0° M		desc. node	-887 Aug 11 j 07:41	18° M 49'13	
morning max el	-890 Dec 18 j 11:45	2° M 03'22	46°53'22		-887 Aug 20 j 20:50	0° L	
	-889 Jan 13 j 08:25	0° J			-887 Sep 16 j 02:58	0° M	
	-889 Feb 08 j 09:40	0° S		evening max el	-887 Oct 11 j 05:03	26° M 50'06	47°24'02
desc. node	-889 Feb 24 j 12:47	19° S 00'09			-887 Oct 14 j 09:01	0° J	
	-889 Mar 05 j 19:06	0° \approx		greatest brilliancy	-887 Nov 18 j 19:23	27° J 33'00	-4.7m
	-889 Mar 30 j 21:14	0° H			-887 Nov 26 j 13:57	0° S	
	-889 Apr 24 j 18:59	0° Y		retrograde	-887 Dec 01 j 02:51	0° S 24'46	
	-889 May 19 j 13:02	0° B		asc. node	-887 Dec 02 j 10:00	0° S 22'41	
	-889 Jun 13 j 02:56	0° II			-887 Dec 05 j 13:44	30° R J	
asc. node	-889 Jun 17 j 15:11	5° II 31'52		evening set	-887 Dec 15 j 23:24	25° J 59'28	
morning set	-889 Jun 18 j 10:45	6° II 31'54		min. Earth dist.	-887 Dec 20 j 21:19	23° J 04'16	0.26796 AU
	-889 Jul 07 j 12:07	0° S		inferior conj	-887 Dec 21 j 19:26	22° J 29'56	4°42'46
max. Earth dist.	-889 Jul 20 j 16:22	16° S 18'53	1.72696 AU	minimum elong	-887 Dec 21 j 10:25	22° J 43'56	4°40'21
				morning rise	-887 Dec 26 j 21:58	19° J 25'54	
superior conj	-889 Jul 24 j 19:01	21° S 24'56	1°13'00	direct	-886 Jan 11 j 04:08	14° J 48'22	
minimum elong	-889 Jul 24 j 11:15	21° S 00'52	1°12'49	greatest brilliancy	-886 Jan 21 j 22:48	16° J 57'54	-4.6m
	-889 Jul 31 j 16:47	0° Ω			-886 Feb 11 j 18:53	0° S	
	-889 Aug 24 j 18:13	0° M		morning max el	-886 Mar 01 j 17:37	16° S 11'30	46°18'40
evening rise	-889 Aug 30 j 16:37	7° M 24'40			-886 Mar 15 j 08:01	0° \approx	
	-889 Sep 17 j 18:21	0° L		desc. node	-886 Mar 24 j 00:43	9° \approx 14'58	
desc. node	-889 Oct 07 j 05:42	24° L 19'20			-886 Apr 11 j 19:48	0° H	
	-889 Oct 11 j 18:53	0° M			-886 May 08 j 00:25	0° Y	
	-889 Nov 04 j 21:05	0° J			-886 Jun 02 j 12:53	0° B	
	-889 Nov 29 j 02:33	0° S			-886 Jun 27 j 13:49	0° II	
	-889 Dec 23 j 14:52	0° \approx		asc. node	-886 Jul 15 j 02:58	21° II 19'56	
	-888 Jan 17 j 17:33	0° H			-886 Jul 22 j 04:48	0° S	
asc. node	-888 Jan 28 j 07:37	12° H 16'40			-886 Aug 15 j 11:14	0° Ω	
	-888 Feb 13 j 02:46	0° Y		morning set	-886 Aug 26 j 07:52	13° Ω 32'08	
evening max el	-888 Mar 05 j 05:54	21° Y 57'48	45°38'54		-886 Sep 08 j 11:28	0° M	
	-888 Mar 13 j 19:22	0° B			-886 Oct 02 j 08:20	0° L	
greatest brilliancy	-888 Apr 08 j 10:25	18° B 27'42	-4.5m	max. Earth dist.	-886 Oct 02 j 09:56	0° L 05'02	1.71197 AU
retrograde	-888 Apr 22 j 23:45	22° B 09'40					
evening set	-888 May 08 j 05:13	17° B 42'37		superior conj	-886 Oct 03 j 17:44	1° L 45'08	1°04'40
inferior conj	-888 May 14 j 11:16	13° B 57'04	1°02'05	minimum elong	-886 Oct 04 j 04:20	2° L 18'28	1°04'19
minimum elong	-888 May 14 j 13:31	13° B 53'31	1°01'26		-886 Oct 26 j 04:20	0° M	
min. Earth dist.	-888 May 14 j 18:48	13° B 45'13	0.29019 AU	desc. node	-886 Nov 03 j 17:39	10° M 45'47	
desc. node	-888 May 18 j 22:10	11° B 12'29		evening rise	-886 Nov 13 j 22:50	23° M 36'15	
morning rise	-888 May 20 j 21:38	10° B 04'46			-886 Nov 19 j 01:05	0° J	
direct	-888 Jun 05 j 04:37	5° B 37'07			-886 Dec 12 j 23:39	0° S	
greatest brilliancy	-888 Jun 19 j 01:23	8° B 57'24	-4.5m		-885 Jan 06 j 01:29	0° \approx	
	-888 Jul 18 j 03:37	0° II			-885 Jan 30 j 09:06	0° H	
morning max el	-888 Jul 24 j 04:49	5° II 41'17	45°58'44		-885 Feb 24 j 02:28	0° Y	
	-888 Aug 16 j 16:34	0° S		asc. node	-885 Feb 24 j 19:41	0° Y 51'38	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 4

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-885 Mar 21 j 11:43	0°♄			-883 Aug 29 j 19:09	0°♌		
	-885 Apr 17 j 00:18	0°♊			-883 Sep 22 j 23:52	0°♎		
evening max el	-885 May 15 j 20:30	29°♊48'59	45°18'00		-883 Oct 16 j 21:55	0°♍		
	-885 May 16 j 01:07	0°♉		morning set	-883 Nov 08 j 03:31	28°♌00'29		
desc. node	-885 Jun 16 j 10:06	24°♉26'59			-883 Nov 09 j 17:27	0°♍		
greatest brilliancy	-885 Jun 20 j 21:26	26°♉33'31	-4.5m	desc. node	-883 Dec 01 j 05:23	27°♌04'17		
retrograde	-885 Jul 03 j 10:08	29°♉18'50			-883 Dec 03 j 13:15	0°♎		
evening set	-885 Jul 20 j 00:08	24°♉08'34						
inferior conj	-885 Jul 24 j 16:29	21°♉20'34	-7°-31'-37	superior conj	-883 Dec 20 j 01:45	20°♎45'11	0°-42'-36	
minimum elong	-885 Jul 24 j 07:26	21°♉34'27	7°30'16	minimum elong	-883 Dec 19 j 15:33	20°♎13'09	0°42'13	
min. Earth dist.	-885 Jul 25 j 00:02	21°♉08'59	0.28386 AU	max. Earth dist.	-883 Dec 23 j 22:05	25°♎34'44	1.71345 AU	
morning rise	-885 Jul 28 j 14:26	18°♉58'23			-883 Dec 27 j 10:42	0°♏		
direct	-885 Aug 15 j 02:43	13°♉11'55			-882 Jan 20 j 10:36	0°♐		
greatest brilliancy	-885 Aug 29 j 15:23	16°♉56'26	-4.6m	evening rise	-882 Jan 30 j 05:19	12°♐10'55		
	-885 Sep 17 j 18:17	0°♌			-882 Feb 13 j 13:54	0°♑		
morning max el	-885 Oct 04 j 09:48	15°♌31'48	46°39'16		-882 Mar 09 j 21:58	0°♒		
asc. node	-885 Oct 07 j 12:30	18°♌41'58		asc. node	-882 Mar 24 j 07:44	17°♒36'37		
	-885 Oct 18 j 03:54	0°♎			-882 Apr 03 j 12:27	0°♓		
	-885 Nov 13 j 11:37	0°♍			-882 Apr 28 j 11:17	0°♊		
	-885 Dec 08 j 12:39	0°♌			-882 May 23 j 21:37	0°♉		
	-884 Jan 02 j 02:25	0°♎			-882 Jun 19 j 02:37	0°♌		
	-884 Jan 26 j 12:43	0°♏		desc. node	-882 Jul 13 j 21:51	26°♌54'14		
desc. node	-884 Jan 27 j 02:59	0°♏43'47			-882 Jul 16 j 21:43	0°♎		
	-884 Feb 19 j 22:36	0°♐		evening max el	-882 Jul 27 j 11:45	10°♎34'11	46°15'36	
	-884 Mar 15 j 09:00	0°♑			-882 Aug 18 j 23:29	0°♍		
morning set	-884 Apr 08 j 21:24	0°♒04'19		greatest brilliancy	-882 Sep 04 j 15:34	9°♍25'28	-4.6m	
	-884 Apr 08 j 19:59	0°♒		retrograde	-882 Sep 14 j 23:39	11°♍22'06		
	-884 May 03 j 07:06	0°♓		evening set	-882 Oct 01 j 08:56	6°♍15'28		
max. Earth dist.	-884 May 14 j 08:40	13°♓34'40	1.73683 AU	inferior conj	-882 Oct 05 j 15:38	3°♍42'44	-6°-41'-35	
				minimum elong	-882 Oct 06 j 02:21	3°♍26'26	6°39'19	
superior conj	-884 May 15 j 10:46	14°♓54'46	0°-8'-55	min. Earth dist.	-882 Oct 06 j 07:42	3°♍18'18	0.26786 AU	
minimum elong	-884 May 15 j 12:34	15°♓00'18	0°08'50	morning rise	-882 Oct 10 j 19:26	0°♍39'58		
behind sun begin	-884 May 14 j 17:48	14°♓02'42			-882 Oct 12 j 00:59	30°♎		
behind sun end	-884 May 16 j 07:19	15°♓57'54		direct	-882 Oct 26 j 06:05	26°♎00'16		
asc. node	-884 May 19 j 05:25	19°♓33'04		asc. node	-882 Nov 04 j 00:09	27°♎28'47		
	-884 May 27 j 17:34	0°♊		greatest brilliancy	-882 Nov 08 j 07:43	29°♎10'55	-4.7m	
evening rise	-884 Jun 20 j 06:23	28°♊57'15			-882 Nov 10 j 00:20	0°♍		
	-884 Jun 21 j 02:46	0°♉		morning max el	-882 Dec 15 j 23:57	29°♍33'15	46°53'51	
	-884 Jul 15 j 10:51	0°♌			-882 Dec 16 j 10:26	0°♌		
	-884 Aug 08 j 18:53	0°♎			-881 Jan 13 j 01:14	0°♎		
	-884 Sep 02 j 04:28	0°♍			-881 Feb 07 j 23:55	0°♏		
desc. node	-884 Sep 07 j 19:49	6°♍54'47		desc. node	-881 Feb 23 j 15:01	18°♏27'18		
	-884 Sep 26 j 17:25	0°♌			-881 Mar 05 j 07:59	0°♐		
	-884 Oct 21 j 12:32	0°♎			-881 Mar 30 j 09:16	0°♑		
	-884 Nov 15 j 20:32	0°♏			-881 Apr 24 j 06:29	0°♒		
	-884 Dec 12 j 12:45	0°♐			-881 May 19 j 00:10	0°♓		
evening max el	-884 Dec 21 j 19:12	9°♐42'25	46°57'14		-881 Jun 12 j 13:52	0°♊		
asc. node	-884 Dec 29 j 21:51	17°♐42'29		morning set	-881 Jun 16 j 05:15	4°♊27'57		
	-883 Jan 12 j 22:50	0°♑		asc. node	-881 Jun 16 j 17:13	5°♊04'40		
greatest brilliancy	-883 Jan 27 j 00:40	9°♑08'36	-4.6m		-881 Jul 06 j 22:58	0°♉		
retrograde	-883 Feb 10 j 10:29	12°♑55'28		max. Earth dist.	-881 Jul 18 j 10:33	14°♉12'51	1.72752 AU	
evening set	-883 Feb 28 j 05:19	6°♑45'04						
inferior conj	-883 Mar 03 j 15:26	4°♑35'59	8°15'08	superior conj	-881 Jul 22 j 12:59	19°♉18'04	1°11'20	
minimum elong	-883 Mar 03 j 20:04	4°♑28'39	8°14'49	minimum elong	-881 Jul 22 j 04:57	18°♉53'08	1°11'09	
min. Earth dist.	-883 Mar 03 j 07:34	4°♑48'30	0.28649 AU		-881 Jul 31 j 03:39	0°♌		
morning rise	-883 Mar 07 j 11:04	2°♑13'04			-881 Aug 24 j 05:14	0°♎		
	-883 Mar 11 j 09:47	30°♒		evening rise	-881 Aug 28 j 07:53	5°♎07'55		
direct	-883 Mar 24 j 21:23	26°♒23'18			-881 Sep 17 j 05:36	0°♍		
greatest brilliancy	-883 Apr 05 j 12:33	28°♒50'00	-4.5m	desc. node	-881 Oct 06 j 07:48	23°♍50'06		
	-883 Apr 08 j 05:06	0°♑			-881 Oct 11 j 06:25	0°♌		
desc. node	-883 Apr 20 j 12:21	7°♑24'46			-881 Nov 04 j 08:55	0°♎		
morning max el	-883 May 12 j 18:50	26°♑23'28	45°47'21		-881 Nov 28 j 14:46	0°♏		
	-883 May 16 j 12:28	0°♒			-881 Dec 23 j 03:41	0°♐		
	-883 Jun 14 j 04:24	0°♓			-880 Jan 17 j 07:34	0°♑		
	-883 Jul 10 j 16:48	0°♊		asc. node	-880 Jan 27 j 09:45	11°♑40'20		
	-883 Aug 05 j 02:43	0°♉			-880 Feb 12 j 19:36	0°♒		
asc. node	-883 Aug 11 j 14:53	7°♉50'04		evening max el	-880 Mar 02 j 20:13	19°♒42'04	45°41'00	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 5

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-880 Mar 13 j 22:19	0°♄		superior conj	-878 Oct 01 j 06:27	29°♍19'52	1°07'00
greatest brilliancy	-880 Apr 06 j 01:59	16°♄18'04	-4.5m	minimum elong	-878 Oct 01 j 16:47	29°♍52'22	1°06'40
retrograde	-880 Apr 20 j 16:02	20°♄01'54			-878 Oct 01 j 19:13	0°♎	
evening set	-880 May 05 j 23:06	15°♄32'36			-878 Oct 25 j 15:17	0°♎	
inferior conj	-880 May 12 j 03:55	11°♄48'56	1°21'22	desc. node	-878 Nov 02 j 19:38	10°♎17'30	
minimum elong	-880 May 12 j 06:51	11°♄44'19	1°20'32	evening rise	-878 Nov 11 j 08:47	21°♎02'11	
min. Earth dist.	-880 May 12 j 11:58	11°♄36'18	0.29026 AU		-878 Nov 18 j 12:07	0°♏	
desc. node	-880 May 18 j 00:12	8°♄15'59			-878 Dec 12 j 10:49	0°♐	
morning rise	-880 May 18 j 14:21	7°♄56'17			-877 Jan 05 j 12:50	0°♑	
direct	-880 Jun 02 j 20:33	3°♄28'40			-877 Jan 29 j 20:45	0°♑	
greatest brilliancy	-880 Jun 16 j 17:29	6°♄48'31	-4.5m	asc. node	-877 Feb 23 j 21:48	0°♑21'25	
	-880 Jul 18 j 03:59	0°♒			-877 Feb 23 j 14:39	0°♑	
morning max el	-880 Jul 21 j 20:08	3°♒29'05	45°57'49		-877 Mar 21 j 01:00	0°♒	
	-880 Aug 16 j 08:45	0°♓			-877 Apr 16 j 16:04	0°♒	
asc. node	-880 Sep 08 j 02:50	25°♓52'39		evening max el	-877 May 13 j 12:29	27°♒38'45	45°17'24
	-880 Sep 11 j 15:11	0°♑			-877 May 16 j 00:22	0°♓	
	-880 Oct 06 j 14:36	0°♑		desc. node	-877 Jun 15 j 12:09	22°♓58'49	
	-880 Oct 30 j 22:23	0°♎		greatest brilliancy	-877 Jun 18 j 09:26	24°♓17'31	-4.5m
	-880 Nov 23 j 23:21	0°♎		retrograde	-877 Jul 01 j 01:10	27°♓05'16	
	-880 Dec 17 j 22:41	0°♏		evening set	-877 Jul 17 j 11:33	21°♓59'43	
desc. node	-880 Dec 28 j 17:15	13°♏28'29		inferior conj	-877 Jul 22 j 07:23	19°♓06'20	-7°-20'-19
	-879 Jan 10 j 22:52	0°♐		minimum elong	-877 Jul 21 j 22:00	19°♓20'45	7°18'49
morning set	-879 Jan 24 j 12:00	16°♐53'15		min. Earth dist.	-877 Jul 22 j 14:04	18°♓56'04	0.28422 AU
	-879 Feb 04 j 00:57	0°♑		morning rise	-877 Jul 26 j 08:13	16°♓39'52	
	-879 Feb 28 j 05:23	0°♑		direct	-877 Aug 12 j 18:47	10°♓57'18	
				greatest brilliancy	-877 Aug 27 j 06:27	14°♓41'01	-4.6m
superior conj	-879 Mar 05 j 05:14	6°♑10'40	-1°-21'-47		-877 Sep 18 j 01:10	0°♑	
minimum elong	-879 Mar 05 j 10:34	6°♑27'06	1°21'45	morning max el	-877 Oct 02 j 00:58	13°♑14'01	46°38'01
max. Earth dist.	-879 Mar 08 j 07:50	10°♑01'10	1.72883 AU	asc. node	-877 Oct 06 j 14:26	17°♑53'46	
	-879 Mar 24 j 12:29	0°♑			-877 Oct 17 j 21:47	0°♑	
evening rise	-879 Apr 12 j 03:24	22°♑53'48			-877 Nov 13 j 02:07	0°♎	
	-879 Apr 17 j 22:22	0°♒			-877 Dec 08 j 01:39	0°♎	
asc. node	-879 Apr 20 j 19:34	3°♒32'07			-876 Jan 01 j 14:35	0°♏	
	-879 May 12 j 10:55	0°♒		desc. node	-876 Jan 26 j 05:10	0°♐14'45	
	-879 Jun 06 j 02:14	0°♓			-876 Jan 26 j 00:22	0°♐	
	-879 Jun 30 j 21:24	0°♑			-876 Feb 19 j 09:53	0°♑	
	-879 Jul 25 j 22:49	0°♑			-876 Mar 14 j 20:01	0°♑	
desc. node	-879 Aug 10 j 09:54	18°♑15'53		morning set	-876 Apr 06 j 14:28	27°♑56'23	
	-879 Aug 20 j 11:05	0°♎			-876 Apr 08 j 06:47	0°♑	
	-879 Sep 15 j 20:05	0°♎			-876 May 02 j 17:46	0°♒	
evening max el	-879 Oct 08 j 18:22	24°♎24'31	47°22'59	max. Earth dist.	-876 May 12 j 07:51	11°♒45'48	1.73684 AU
	-879 Oct 14 j 09:58	0°♏					
greatest brilliancy	-879 Nov 16 j 09:57	25°♏06'22	-4.7m	superior conj	-876 May 13 j 04:54	12°♒50'26	0°-12'-2
retrograde	-879 Nov 28 j 16:09	27°♏57'04		minimum elong	-876 May 13 j 07:19	12°♒57'52	0°11'55
asc. node	-879 Dec 01 j 12:01	27°♏47'04		behind sun begin	-876 May 12 j 16:27	12°♒12'12	
evening set	-879 Dec 13 j 10:17	23°♏34'44		behind sun end	-876 May 13 j 22:12	13°♒43'32	
min. Earth dist.	-879 Dec 18 j 11:03	20°♏36'04	0.26746 AU	asc. node	-876 May 18 j 07:26	19°♒06'35	
inferior conj	-879 Dec 19 j 08:21	20°♏03'07	4°22'43		-876 May 27 j 04:12	0°♒	
minimum elong	-879 Dec 18 j 23:44	20°♏16'27	4°20'19	evening rise	-876 Jun 18 j 01:21	26°♒54'49	
morning rise	-879 Dec 24 j 13:42	16°♏55'39			-876 Jun 20 j 13:30	0°♓	
direct	-878 Jan 08 j 16:27	12°♏22'02			-876 Jul 14 j 21:49	0°♑	
greatest brilliancy	-878 Jan 19 j 13:15	14°♏34'04	-4.6m		-876 Aug 08 j 06:11	0°♑	
	-878 Feb 12 j 05:22	0°♐			-876 Sep 01 j 16:14	0°♎	
morning max el	-878 Feb 27 j 07:48	13°♐51'49	46°20'14	desc. node	-876 Sep 06 j 21:53	6°♎24'41	
	-878 Mar 15 j 02:48	0°♑			-876 Sep 26 j 05:49	0°♎	
desc. node	-878 Mar 23 j 02:47	8°♑34'15			-876 Oct 21 j 01:52	0°♏	
	-878 Apr 11 j 10:31	0°♑			-876 Nov 15 j 11:34	0°♐	
	-878 May 07 j 13:19	0°♑			-876 Dec 12 j 07:47	0°♑	
	-878 Jun 02 j 00:48	0°♒		evening max el	-876 Dec 19 j 11:09	7°♑26'23	46°59'34
	-878 Jun 27 j 01:10	0°♒		asc. node	-876 Dec 29 j 00:00	16°♑47'51	
asc. node	-878 Jul 14 j 05:05	20°♒52'29			-875 Jan 13 j 13:49	0°♑	
	-878 Jul 21 j 15:49	0°♓		greatest brilliancy	-875 Jan 24 j 18:55	6°♑57'39	-4.6m
	-878 Aug 14 j 22:07	0°♑		retrograde	-875 Feb 08 j 02:48	10°♑41'59	
morning set	-878 Aug 23 j 23:22	11°♑16'50		evening set	-875 Feb 25 j 22:35	4°♑30'06	
	-878 Sep 07 j 22:19	0°♑		inferior conj	-875 Mar 01 j 07:23	2°♑22'50	8°20'11
max. Earth dist.	-878 Sep 29 j 21:04	27°♑34'48	1.71227 AU	minimum elong	-875 Mar 01 j 11:19	2°♑16'33	8°19'57
				min. Earth dist.	-875 Feb 28 j 22:12	2°♑37'26	0.28606 AU

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 6

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-875 Mar 05 j 00:20	0° H 03'50		evening rise	-873 Aug 23 j 16:06	0° M	
	-875 Mar 05 j 02:52	30° R \approx			-873 Aug 25 j 23:03	2° M 51'26	
direct	-875 Mar 22 j 13:12	24° \approx 11'11			-873 Sep 16 j 16:41	0° $\underline{\text{A}}$	
greatest brilliancy	-875 Apr 03 j 00:46	26° \approx 34'33	-4.5m	desc. node	-873 Oct 05 j 09:46	23° $\underline{\text{A}}$ 21'04	
	-875 Apr 10 j 02:04	0° H			-873 Oct 10 j 17:45	0° M	
desc. node	-875 Apr 19 j 14:22	6° H 16'14			-873 Nov 03 j 20:34	0° J	
morning max el	-875 May 10 j 10:06	24° H 11'54	45°47'38		-873 Nov 28 j 02:50	0° $\underline{\text{C}}$	
	-875 May 16 j 09:06	0° Y			-873 Dec 22 j 16:23	0° \approx	
	-875 Jun 13 j 19:29	0° B			-872 Jan 16 j 21:30	0° H	
	-875 Jul 10 j 05:46	0° II		asc. node	-872 Jan 26 j 11:55	11° H 04'26	
	-875 Aug 04 j 14:40	0° $\underline{\text{S}}$			-872 Feb 12 j 12:31	0° Y	
asc. node	-875 Aug 10 j 17:01	7° $\underline{\text{S}}$ 20'57		evening max el	-872 Feb 29 j 10:45	17° Y 27'41	45°43'16
	-875 Aug 29 j 06:35	0° Ω			-872 Mar 14 j 02:35	0° B	
	-875 Sep 22 j 11:02	0° M		greatest brilliancy	-872 Apr 03 j 16:41	14° B 08'15	-4.5m
	-875 Oct 16 j 08:58	0° $\underline{\text{A}}$		retrograde	-872 Apr 18 j 08:48	17° B 55'12	
morning set	-875 Nov 05 j 14:13	25° $\underline{\text{A}}$ 28'20		evening set	-872 May 03 j 17:10	13° B 23'13	
	-875 Nov 09 j 04:27	0° M		inferior conj	-872 May 09 j 20:38	9° B 41'33	1°40'21
desc. node	-875 Nov 30 j 07:29	26° M 36'25		minimum elong	-872 May 10 j 00:14	9° B 35'55	1°39'21
	-875 Dec 03 j 00:12	0° J		min. Earth dist.	-872 May 10 j 04:50	9° B 28'41	0.29038 AU
				morning rise	-872 May 16 j 07:02	5° B 49'01	
superior conj	-875 Dec 17 j 11:20	18° J 10'25	0°-39'-7	desc. node	-872 May 17 j 02:16	5° B 23'00	
minimum elong	-875 Dec 17 j 01:43	17° J 40'17	0°38'43	direct	-872 May 31 j 12:49	1° B 20'53	
max. Earth dist.	-875 Dec 21 j 07:05	22° J 58'17	1.71299 AU	greatest brilliancy	-872 Jun 14 j 10:21	4° B 41'18	-4.5m
	-875 Dec 26 j 21:36	0° $\underline{\text{C}}$			-872 Jul 18 j 03:09	0° II	
	-874 Jan 19 j 21:27	0° \approx		morning max el	-872 Jul 19 j 12:23	1° II 19'28	45°56'44
evening rise	-874 Jan 27 j 17:16	9° \approx 45'01			-872 Aug 16 j 00:39	0° $\underline{\text{S}}$	
	-874 Feb 13 j 00:44	0° H		asc. node	-872 Sep 07 j 04:47	25° $\underline{\text{S}}$ 18'06	
	-874 Mar 09 j 08:56	0° Y			-872 Sep 11 j 04:42	0° Ω	
asc. node	-874 Mar 23 j 09:43	17° Y 08'45			-872 Oct 06 j 03:02	0° M	
	-874 Apr 02 j 23:45	0° B			-872 Oct 30 j 10:16	0° $\underline{\text{A}}$	
	-874 Apr 27 j 23:11	0° II			-872 Nov 23 j 10:55	0° M	
	-874 May 23 j 10:37	0° $\underline{\text{S}}$			-872 Dec 17 j 10:01	0° J	
	-874 Jun 18 j 17:44	0° Ω		desc. node	-872 Dec 27 j 19:22	12° J 59'58	
desc. node	-874 Jul 13 j 00:04	26° Ω 10'00			-871 Jan 10 j 10:01	0° $\underline{\text{C}}$	
	-874 Jul 16 j 17:57	0° M		morning set	-871 Jan 21 j 22:59	14° $\underline{\text{C}}$ 23'26	
evening max el	-874 Jul 24 j 23:49	8° M 10'19	46°12'44		-871 Feb 03 j 11:57	0° \approx	
	-874 Aug 19 j 22:20	0° $\underline{\text{A}}$			-871 Feb 27 j 16:16	0° H	
greatest brilliancy	-874 Sep 02 j 04:39	7° $\underline{\text{A}}$ 00'40	-4.6m				
retrograde	-874 Sep 12 j 10:54	8° $\underline{\text{A}}$ 55'56		superior conj	-871 Mar 02 j 19:57	3° H 54'10	-1°-22'-41
evening set	-874 Sep 29 j 00:31	3° $\underline{\text{A}}$ 44'28		minimum elong	-871 Mar 03 j 00:35	4° H 08'28	1°22'39
inferior conj	-874 Oct 03 j 04:02	1° $\underline{\text{A}}$ 16'23	-6°-56'-46	max. Earth dist.	-871 Mar 05 j 22:44	7° H 45'23	1.72830 AU
minimum elong	-874 Oct 03 j 14:37	1° $\underline{\text{A}}$ 00'18	6°54'40		-871 Mar 23 j 23:18	0° Y	
min. Earth dist.	-874 Oct 03 j 21:05	0° $\underline{\text{A}}$ 50'27	0.26839 AU	evening rise	-871 Apr 09 j 20:34	20° Y 46'01	
	-874 Oct 05 j 06:27	30° R M			-871 Apr 17 j 09:11	0° B	
morning rise	-874 Oct 08 j 04:18	28° M 18'15		asc. node	-871 Apr 19 j 21:40	3° B 05'18	
direct	-874 Oct 23 j 18:32	23° M 32'49			-871 May 11 j 21:53	0° II	
asc. node	-874 Nov 03 j 02:14	25° M 33'53			-871 Jun 05 j 13:34	0° $\underline{\text{S}}$	
greatest brilliancy	-874 Nov 05 j 23:21	26° M 46'18	-4.7m		-871 Jun 30 j 09:21	0° Ω	
	-874 Nov 11 j 22:38	0° $\underline{\text{A}}$			-871 Jul 25 j 11:45	0° M	
morning max el	-874 Dec 13 j 12:19	27° $\underline{\text{A}}$ 04'16	46°54'24	desc. node	-871 Aug 09 j 11:52	17° M 41'18	
	-874 Dec 16 j 08:38	0° M			-871 Aug 20 j 01:38	0° $\underline{\text{A}}$	
	-873 Jan 12 j 17:26	0° J			-871 Sep 15 j 13:44	0° M	
	-873 Feb 07 j 13:43	0° $\underline{\text{C}}$		evening max el	-871 Oct 06 j 08:36	22° M 00'53	47°21'59
desc. node	-873 Feb 22 j 17:03	17° $\underline{\text{C}}$ 55'03			-871 Oct 14 j 12:26	0° J	
	-873 Mar 04 j 20:28	0° \approx		greatest brilliancy	-871 Nov 14 j 00:04	22° J 38'48	-4.7m
	-873 Mar 29 j 20:57	0° H		retrograde	-871 Nov 26 j 05:50	25° J 28'45	
	-873 Apr 23 j 17:39	0° Y		asc. node	-871 Nov 30 j 14:10	25° J 04'58	
	-873 May 18 j 11:03	0° B		evening set	-871 Dec 10 j 21:21	21° J 09'11	
	-873 Jun 12 j 00:36	0° II		min. Earth dist.	-871 Dec 16 j 00:23	18° J 07'37	0.26693 AU
morning set	-873 Jun 13 j 23:34	2° II 24'01		inferior conj	-871 Dec 16 j 21:08	17° J 35'38	4°02'06
asc. node	-873 Jun 15 j 19:22	4° II 38'23		minimum elong	-871 Dec 16 j 13:00	17° J 48'11	3°59'46
	-873 Jul 06 j 09:40	0° $\underline{\text{S}}$		morning rise	-871 Dec 22 j 05:14	14° J 25'00	
max. Earth dist.	-873 Jul 16 j 05:36	12° $\underline{\text{S}}$ 09'57	1.72808 AU	direct	-870 Jan 06 j 05:14	9° J 55'19	
				greatest brilliancy	-870 Jan 17 j 02:38	12° J 08'45	-4.6m
superior conj	-873 Jul 20 j 06:42	17° $\underline{\text{S}}$ 10'57	1°09'34		-870 Feb 12 j 13:07	0° $\underline{\text{C}}$	
minimum elong	-873 Jul 19 j 22:26	16° $\underline{\text{S}}$ 45'19	1°09'22	morning max el	-870 Feb 24 j 22:22	11° $\underline{\text{C}}$ 32'58	46°21'45
	-873 Jul 30 j 14:24	0° Ω			-870 Mar 14 j 21:08	0° \approx	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 7

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-870 Mar 22 j 04:46	7° \approx 53'41		-868 Oct 20 j 15:42	0° \approx	
	-870 Apr 11 j 01:06	0° \approx		-868 Nov 15 j 03:16	0° \approx	
	-870 May 07 j 02:10	0° \approx		-868 Dec 12 j 03:59	0° \approx	
	-870 Jun 01 j 12:42	0° \approx	evening max el	-868 Dec 17 j 02:13	5° \approx 06'16	47°01'48
	-870 Jun 26 j 12:31	0° \approx	asc. node	-868 Dec 28 j 02:07	15° \approx 50'19	
asc. node	-870 Jul 13 j 07:14	20° \approx 24'57		-867 Jan 14 j 11:06	0° \approx	
	-870 Jul 21 j 02:54	0° \approx	greatest brilliancy	-867 Jan 22 j 13:50	4° \approx 45'33	-4.6m
	-870 Aug 14 j 09:06	0° \approx	retrograde	-867 Feb 05 j 18:42	8° \approx 26'36	
morning set	-870 Aug 21 j 14:56	9° \approx 01'23	evening set	-867 Feb 23 j 15:34	2° \approx 13'45	
	-870 Sep 07 j 09:20	0° \approx	inferior conj	-867 Feb 26 j 23:15	0° \approx 08'02	8°24'37
max. Earth dist.	-870 Sep 27 j 05:26	24° \approx 55'15	1.71264 AU	minimum elong	-867 Feb 27 j 02:29	0° \approx 02'52 8°24'27
				min. Earth dist.	-867 Feb 26 j 13:05	0° \approx 24'13 0.28555 AU
superior conj	-870 Sep 28 j 19:04	26° \approx 53'37	1°09'11		-867 Feb 27 j 04:17	30° \approx
minimum elong	-870 Sep 29 j 05:04	27° \approx 25'03	1°08'55	morning rise	-867 Mar 02 j 13:40	27° \approx 52'39
	-870 Oct 01 j 06:19	0° \approx		direct	-867 Mar 20 j 04:20	21° \approx 57'27
	-870 Oct 25 j 02:29	0° \approx		greatest brilliancy	-867 Mar 31 j 13:27	24° \approx 18'06 -4.5m
desc. node	-870 Nov 01 j 21:46	9° \approx 48'51			-867 Apr 11 j 09:20	0° \approx
evening rise	-870 Nov 08 j 18:15	18° \approx 25'43		desc. node	-867 Apr 18 j 16:34	5° \approx 08'43
	-870 Nov 17 j 23:24	0° \approx		morning max el	-867 May 08 j 00:28	21° \approx 57'04 45°48'07
	-870 Dec 11 j 22:13	0° \approx			-867 May 16 j 05:28	0° \approx
	-869 Jan 05 j 00:23	0° \approx			-867 Jun 13 j 10:40	0° \approx
	-869 Jan 29 j 08:35	0° \approx			-867 Jul 09 j 18:57	0° \approx
asc. node	-869 Feb 22 j 23:46	29° \approx 50'11			-867 Aug 04 j 02:53	0° \approx
	-869 Feb 23 j 03:03	0° \approx		asc. node	-867 Aug 09 j 18:59	6° \approx 50'29
	-869 Mar 20 j 14:34	0° \approx			-867 Aug 28 j 18:17	0° \approx
	-869 Apr 16 j 08:16	0° \approx			-867 Sep 21 j 22:28	0° \approx
evening max el	-869 May 11 j 04:40	25° \approx 28'46	45°16'53		-867 Oct 15 j 20:16	0° \approx
	-869 May 16 j 00:49	0° \approx		morning set	-867 Nov 03 j 01:15	22° \approx 56'12
desc. node	-869 Jun 14 j 14:20	21° \approx 27'56			-867 Nov 08 j 15:44	0° \approx
greatest brilliancy	-869 Jun 15 j 22:38	22° \approx 03'12	-4.5m	desc. node	-867 Nov 29 j 09:38	26° \approx 07'37
retrograde	-869 Jun 28 j 16:03	24° \approx 52'16			-867 Dec 02 j 11:30	0° \approx
evening set	-869 Jul 14 j 23:23	19° \approx 51'31				
inferior conj	-869 Jul 19 j 22:37	16° \approx 52'54	-7°-8'-31	superior conj	-867 Dec 14 j 20:44	15° \approx 33'52 0°-35'-31
minimum elong	-869 Jul 19 j 12:58	17° \approx 07'46	7°06'52	minimum elong	-867 Dec 14 j 11:48	15° \approx 05'52 0°35'08
min. Earth dist.	-869 Jul 20 j 04:42	16° \approx 43'31	0.28458 AU	max. Earth dist.	-867 Dec 18 j 12:08	20° \approx 08'08 1.71263 AU
morning rise	-869 Jul 24 j 02:19	14° \approx 21'57			-867 Dec 26 j 08:54	0° \approx
direct	-869 Aug 10 j 10:52	8° \approx 43'29			-866 Jan 19 j 08:43	0° \approx
greatest brilliancy	-869 Aug 24 j 20:57	12° \approx 25'02	-4.6m	evening rise	-866 Jan 25 j 04:38	7° \approx 15'51
	-869 Sep 18 j 06:06	0° \approx			-866 Feb 12 j 12:02	0° \approx
morning max el	-869 Sep 29 j 15:18	10° \approx 53'41	46°36'28		-866 Mar 08 j 20:21	0° \approx
asc. node	-869 Oct 05 j 16:35	17° \approx 06'12		asc. node	-866 Mar 22 j 11:49	16° \approx 39'59
	-869 Oct 17 j 15:34	0° \approx			-866 Apr 02 j 11:28	0° \approx
	-869 Nov 12 j 16:49	0° \approx			-866 Apr 27 j 11:30	0° \approx
	-869 Dec 07 j 14:57	0° \approx			-866 May 23 j 00:03	0° \approx
	-868 Jan 01 j 03:05	0° \approx			-866 Jun 18 j 09:25	0° \approx
desc. node	-868 Jan 25 j 07:14	29° \approx 44'19		desc. node	-866 Jul 12 j 02:05	25° \approx 02'343
	-868 Jan 25 j 12:20	0° \approx			-866 Jul 16 j 15:11	0° \approx
	-868 Feb 18 j 21:27	0° \approx		evening max el	-866 Jul 22 j 11:46	5° \approx 45'35 46°10'01
	-868 Mar 14 j 07:16	0° \approx			-866 Aug 21 j 06:08	0° \approx
morning set	-868 Apr 04 j 07:34	25° \approx 47'45		greatest brilliancy	-866 Aug 30 j 17:20	4° \approx 35'23 -4.6m
	-868 Apr 07 j 17:49	0° \approx		retrograde	-866 Sep 09 j 22:48	6° \approx 30'20
	-868 May 02 j 04:41	0° \approx		evening set	-866 Sep 26 j 16:20	1° \approx 13'42
max. Earth dist.	-868 May 10 j 05:46	9° \approx 52'18	1.73681 AU		-866 Sep 28 j 18:37	30° \approx
				inferior conj	-866 Sep 30 j 16:44	28° \approx 50'20 -7°-10'-59
superior conj	-868 May 10 j 23:19	10° \approx 46'09	0°-15'-7	minimum elong	-866 Oct 01 j 03:05	28° \approx 34'36 7°09'03
minimum elong	-868 May 11 j 02:21	10° \approx 55'28	0°14'59	min. Earth dist.	-866 Oct 01 j 10:35	28° \approx 23'13 0.26895 AU
behind sun begin	-868 May 10 j 19:07	10° \approx 33'15		morning rise	-866 Oct 05 j 13:25	25° \approx 57'15
behind sun end	-868 May 11 j 09:35	11° \approx 17'41		direct	-866 Oct 21 j 07:21	21° \approx 05'34
asc. node	-868 May 17 j 09:37	18° \approx 39'48		asc. node	-866 Nov 02 j 04:22	23° \approx 43'35
	-868 May 26 j 15:06	0° \approx		greatest brilliancy	-866 Nov 03 j 15:32	24° \approx 22'32 -4.7m
evening rise	-868 Jun 15 j 20:41	24° \approx 52'44			-866 Nov 13 j 06:08	0° \approx
	-868 Jun 20 j 00:30	0° \approx		morning max el	-866 Dec 11 j 01:38	24° \approx 37'05 46°54'47
	-868 Jul 14 j 09:02	0° \approx			-866 Dec 16 j 06:15	0° \approx
	-868 Aug 07 j 17:44	0° \approx			-865 Jan 12 j 09:41	0° \approx
	-868 Sep 01 j 04:16	0° \approx			-865 Feb 07 j 03:45	0° \approx
desc. node	-868 Sep 05 j 23:54	5° \approx 53'37		desc. node	-865 Feb 21 j 19:02	17° \approx 21'32
	-868 Sep 25 j 18:34	0° \approx			-865 Mar 04 j 09:18	0° \approx

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 8

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-865 Mar 29 j 09:00	0°♄				-863 Oct 14 j 16:33	0°♂	
	-865 Apr 23 j 05:12	0°♃			greatest brilliancy	-863 Nov 11 j 14:39	20°♂11'47	-4.7m
	-865 May 17 j 22:17	0°♂			retrograde	-863 Nov 23 j 19:43	23°♂00'10	
	-865 Jun 11 j 11:38	0°♂			asc. node	-863 Nov 29 j 16:16	22°♂16'54	
morning set	-865 Jun 11 j 17:54	0°♂19'13			evening set	-863 Dec 08 j 08:44	18°♂43'27	
asc. node	-865 Jun 14 j 21:26	4°♂10'53			min. Earth dist.	-863 Dec 13 j 13:45	15°♂39'05	0.26640 AU
	-865 Jul 05 j 20:38	0°♄			inferior conj	-863 Dec 14 j 09:56	15°♂07'59	3°40'48
max. Earth dist.	-865 Jul 14 j 02:29	10°♄11'55	1.72862 AU		minimum elong	-863 Dec 14 j 02:21	15°♂19'40	3°38'35
					morning rise	-863 Dec 19 j 20:39	11°♂54'17	
superior conj	-865 Jul 18 j 00:35	15°♄03'30	1°07'43		direct	-862 Jan 03 j 18:15	7°♂28'45	
minimum elong	-865 Jul 17 j 16:08	14°♄37'17	1°07'29		greatest brilliancy	-862 Jan 14 j 15:13	9°♂42'21	-4.6m
	-865 Jul 30 j 01:25	0°♂				-862 Feb 12 j 18:36	0°♄	
	-865 Aug 23 j 03:16	0°♄			morning max el	-862 Feb 22 j 12:40	9°♄13'26	46°23'12
evening rise	-865 Aug 23 j 14:42	0°♄35'38				-862 Mar 14 j 15:00	0°♄	
	-865 Sep 16 j 04:03	0°♄			desc. node	-862 Mar 21 j 06:59	7°♄14'16	
desc. node	-865 Oct 04 j 11:56	22°♄51'48				-862 Apr 10 j 15:31	0°♄	
	-865 Oct 10 j 05:22	0°♄				-862 May 06 j 14:59	0°♃	
	-865 Nov 03 j 08:28	0°♂				-862 Jun 01 j 00:38	0°♂	
	-865 Nov 27 j 15:08	0°♄				-862 Jun 25 j 23:56	0°♂	
	-865 Dec 22 j 05:22	0°♄			asc. node	-862 Jul 12 j 09:14	19°♂56'46	
asc. node	-864 Jan 16 j 11:52	0°♄				-862 Jul 20 j 14:01	0°♄	
	-864 Jan 25 j 13:51	10°♄26'47				-862 Aug 13 j 20:07	0°♂	
	-864 Feb 12 j 06:10	0°♃			morning set	-862 Aug 19 j 06:34	6°♂46'12	
evening max el	-864 Feb 27 j 02:06	15°♃14'06	45°45'30			-862 Sep 06 j 20:20	0°♄	
	-864 Mar 14 j 09:33	0°♂			max. Earth dist.	-862 Sep 24 j 12:25	22°♄11'34	1.71301 AU
greatest brilliancy	-864 Apr 01 j 07:45	11°♂57'36	-4.5m					
retrograde	-864 Apr 16 j 02:02	15°♂47'00			superior conj	-862 Sep 26 j 07:57	24°♄28'28	1°11'15
evening set	-864 May 01 j 11:19	11°♂12'21			minimum elong	-862 Sep 26 j 17:32	24°♄58'36	1°10'59
inferior conj	-864 May 07 j 13:15	7°♂32'42	1°59'23			-862 Sep 30 j 17:23	0°♄	
minimum elong	-864 May 07 j 17:29	7°♂26'04	1°58'11			-862 Oct 24 j 13:38	0°♄	
min. Earth dist.	-864 May 07 j 21:19	7°♂20'03	0.29046 AU		desc. node	-862 Oct 31 j 23:53	9°♄20'16	
morning rise	-864 May 13 j 23:29	3°♂40'41			evening rise	-862 Nov 06 j 03:51	15°♄49'48	
desc. node	-864 May 16 j 04:24	2°♂31'32				-862 Nov 17 j 10:40	0°♂	
	-864 May 22 j 20:35	30°♄♂				-862 Dec 11 j 09:36	0°♄	
direct	-864 May 29 j 05:22	29°♃11'50				-861 Jan 04 j 11:56	0°♄	
	-864 Jun 04 j 19:31	0°♂				-861 Jan 28 j 20:24	0°♄	
greatest brilliancy	-864 Jun 12 j 02:35	2°♂32'25	-4.5m		asc. node	-861 Feb 22 j 01:57	29°♄19'44	
morning max el	-864 Jul 17 j 05:16	29°♂10'51	45°55'44			-861 Feb 22 j 15:26	0°♃	
	-864 Jul 18 j 01:40	0°♂				-861 Mar 20 j 04:09	0°♂	
	-864 Aug 15 j 16:31	0°♄				-861 Apr 16 j 00:40	0°♂	
asc. node	-864 Sep 06 j 06:56	24°♄43'48			evening max el	-861 May 08 j 20:12	23°♂17'14	45°16'13
	-864 Sep 10 j 18:17	0°♂				-861 May 16 j 02:31	0°♄	
	-864 Oct 05 j 15:37	0°♄			greatest brilliancy	-861 Jun 13 j 12:19	19°♄49'16	-4.5m
	-864 Oct 29 j 22:19	0°♄			desc. node	-861 Jun 13 j 16:21	19°♄53'29	
	-864 Nov 22 j 22:38	0°♄			retrograde	-861 Jun 26 j 06:24	22°♄39'15	
	-864 Dec 16 j 21:28	0°♂			evening set	-861 Jul 12 j 11:15	17°♄43'09	
desc. node	-864 Dec 26 j 21:24	12°♂30'42			inferior conj	-861 Jul 17 j 13:50	14°♄39'35	-6°-55'-59
	-863 Jan 09 j 21:17	0°♄			minimum elong	-861 Jul 17 j 03:59	14°♄54'47	6°54'14
morning set	-863 Jan 19 j 10:11	11°♄53'49			min. Earth dist.	-861 Jul 17 j 19:46	14°♄30'24	0.28491 AU
	-863 Feb 02 j 23:04	0°♄			morning rise	-861 Jul 21 j 20:25	12°♄04'01	
	-863 Feb 27 j 03:17	0°♄			direct	-861 Aug 08 j 02:23	6°♄29'43	
					greatest brilliancy	-861 Aug 22 j 11:40	10°♄09'25	-4.6m
superior conj	-863 Feb 28 j 10:35	1°♄36'52	-1°-23'-26			-861 Sep 18 j 09:12	0°♂	
minimum elong	-863 Feb 28 j 14:28	1°♄48'52	1°23'25		morning max el	-861 Sep 27 j 04:51	8°♂31'43	46°35'03
max. Earth dist.	-863 Mar 03 j 14:56	5°♄33'04	1.72783 AU		asc. node	-861 Oct 04 j 18:46	16°♂19'47	
	-863 Mar 23 j 10:17	0°♃				-861 Oct 17 j 08:50	0°♄	
evening rise	-863 Apr 07 j 13:34	18°♃37'09				-861 Nov 12 j 07:11	0°♄	
	-863 Apr 16 j 20:14	0°♂				-861 Dec 07 j 03:59	0°♄	
asc. node	-863 Apr 18 j 23:49	2°♂38'04				-861 Dec 31 j 15:21	0°♂	
	-863 May 11 j 09:05	0°♂			desc. node	-860 Jan 24 j 09:13	29°♂14'09	
	-863 Jun 05 j 01:07	0°♄				-860 Jan 25 j 00:06	0°♄	
	-863 Jun 29 j 21:29	0°♂				-860 Feb 18 j 08:50	0°♄	
	-863 Jul 25 j 00:53	0°♄				-860 Mar 13 j 18:20	0°♄	
desc. node	-863 Aug 08 j 13:55	17°♄06'29			morning set	-860 Apr 02 j 00:41	23°♄39'43	
	-863 Aug 19 j 16:26	0°♄				-860 Apr 07 j 04:38	0°♃	
	-863 Sep 15 j 07:50	0°♄				-860 May 01 j 15:23	0°♂	
evening max el	-863 Oct 03 j 23:42	19°♄39'25	47°20'48		max. Earth dist.	-860 May 08 j 02:54	7°♄57'02	1.73678 AU

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 9

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-860 May 08 j 17:48	8°♄42'47	0°-18'-10	morning rise	-858 Oct 02 j 22:16	23°♍36'46	
minimum elong	-860 May 08 j 21:26	8°♄53'55	0°18'00	direct	-858 Oct 18 j 20:30	18°♍38'30	
asc. node	-860 May 16 j 11:40	18°♄13'13		asc. node	-858 Nov 01 j 06:25	21°♍57'44	
	-860 May 26 j 01:49	0°♄		greatest brilliancy	-858 Nov 01 j 07:33	21°♍59'02	-4.7m
evening rise	-860 Jun 13 j 16:01	22°♄51'17			-858 Nov 14 j 04:43	0°♄	
	-860 Jun 19 j 11:21	0°♄		morning max el	-858 Dec 08 j 15:51	22°♄12'50	46°55'11
	-860 Jul 13 j 20:07	0°♄			-858 Dec 16 j 02:55	0°♄	
	-860 Aug 07 j 05:10	0°♄			-857 Jan 12 j 01:24	0°♄	
	-860 Aug 31 j 16:11	0°♄			-857 Feb 06 j 17:20	0°♄	
desc. node	-860 Sep 05 j 02:04	5°♄23'28		desc. node	-857 Feb 20 j 21:15	16°♄49'53	
	-860 Sep 25 j 07:11	0°♄			-857 Mar 03 j 21:42	0°♄	
	-860 Oct 20 j 05:24	0°♄			-857 Mar 28 j 20:41	0°♄	
	-860 Nov 14 j 18:56	0°♄			-857 Apr 22 j 16:24	0°♄	
	-860 Dec 12 j 00:31	0°♄			-857 May 17 j 09:10	0°♄	
evening max el	-860 Dec 14 j 16:22	2°♄44'22	47°03'57	morning set	-857 Jun 09 j 12:27	28°♄16'06	
asc. node	-860 Dec 27 j 04:07	14°♄51'57			-857 Jun 10 j 22:21	0°♄	
	-859 Jan 15 j 16:02	0°♄		asc. node	-857 Jun 13 j 23:30	3°♄44'24	
greatest brilliancy	-859 Jan 20 j 08:00	2°♄32'44	-4.6m		-857 Jul 05 j 07:16	0°♄	
retrograde	-859 Feb 03 j 10:17	6°♄11'35		max. Earth dist.	-857 Jul 11 j 23:55	8°♄16'42	1.72910 AU
evening set	-859 Feb 21 j 08:07	29°♄58'07					
	-859 Feb 21 j 06:53	30°♄		superior conj	-857 Jul 15 j 18:40	12°♄57'46	1°05'46
min. Earth dist.	-859 Feb 24 j 04:09	28°♄10'55	0.28505 AU	minimum elong	-857 Jul 15 j 10:04	12°♄31'07	1°05'31
inferior conj	-859 Feb 24 j 15:01	27°♄53'35	8°28'09		-857 Jul 29 j 12:06	0°♄	
minimum elong	-859 Feb 24 j 17:32	27°♄49'35	8°28'03	evening rise	-857 Aug 21 j 06:36	28°♄21'45	
morning rise	-859 Feb 28 j 03:11	25°♄41'30			-857 Aug 22 j 14:07	0°♄	
direct	-859 Mar 17 j 18:55	19°♄43'52			-857 Sep 15 j 15:08	0°♄	
greatest brilliancy	-859 Mar 29 j 03:04	22°♄03'07	-4.5m	desc. node	-857 Oct 03 j 14:02	22°♄23'13	
	-859 Apr 12 j 07:35	0°♄			-857 Oct 09 j 16:44	0°♄	
desc. node	-859 Apr 17 j 18:36	4°♄03'20			-857 Nov 02 j 20:09	0°♄	
morning max el	-859 May 05 j 14:41	19°♄42'30	45°48'48		-857 Nov 27 j 03:15	0°♄	
	-859 May 16 j 00:52	0°♄			-857 Dec 21 j 18:13	0°♄	
	-859 Jun 13 j 01:20	0°♄			-856 Jan 16 j 02:07	0°♄	
	-859 Jul 09 j 07:45	0°♄		asc. node	-856 Jan 24 j 16:03	9°♄50'20	
	-859 Aug 03 j 14:47	0°♄			-856 Feb 11 j 23:54	0°♄	
asc. node	-859 Aug 08 j 21:09	6°♄21'29		evening max el	-856 Feb 24 j 18:09	13°♄03'04	45°47'52
	-859 Aug 28 j 05:43	0°♄			-856 Mar 14 j 18:39	0°♄	
	-859 Sep 21 j 09:41	0°♄		greatest brilliancy	-856 Mar 29 j 23:33	9°♄48'47	-4.5m
	-859 Oct 15 j 07:22	0°♄		retrograde	-856 Apr 13 j 19:17	13°♄39'24	
morning set	-859 Oct 31 j 12:07	20°♄24'20		evening set	-856 Apr 29 j 05:34	9°♄02'09	
	-859 Nov 08 j 02:47	0°♄		inferior conj	-856 May 05 j 05:48	5°♄24'32	2°18'17
desc. node	-859 Nov 28 j 11:37	25°♄39'12		minimum elong	-856 May 05 j 10:39	5°♄16'54	2°16'55
	-859 Dec 01 j 22:31	0°♄		min. Earth dist.	-856 May 05 j 13:33	5°♄12'21	0.29052 AU
				morning rise	-856 May 11 j 15:41	1°♄33'09	
superior conj	-859 Dec 12 j 05:54	12°♄57'30	0°-31'-48		-856 May 14 j 16:41	30°♄	
minimum elong	-859 Dec 11 j 21:45	12°♄31'52	0°31'28	desc. node	-856 May 15 j 06:26	29°♄44'17	
max. Earth dist.	-859 Dec 15 j 15:12	17°♄12'43	1.71226 AU	direct	-856 May 26 j 22:12	27°♄03'36	
	-859 Dec 25 j 19:53	0°♄			-856 Jun 08 j 20:46	0°♄	
	-858 Jan 18 j 19:41	0°♄		greatest brilliancy	-856 Jun 09 j 17:41	0°♄22'56	-4.5m
evening rise	-858 Jan 22 j 15:54	4°♄47'17		morning max el	-856 Jul 14 j 22:18	27°♄03'38	45°54'49
	-858 Feb 11 j 23:02	0°♄			-856 Jul 17 j 22:57	0°♄	
	-858 Mar 08 j 07:30	0°♄			-856 Aug 15 j 07:46	0°♄	
asc. node	-858 Mar 21 j 14:00	16°♄12'18		asc. node	-856 Sep 05 j 09:06	24°♄10'46	
	-858 Apr 01 j 22:55	0°♄			-856 Sep 10 j 07:26	0°♄	
	-858 Apr 26 j 23:33	0°♄			-856 Oct 05 j 03:48	0°♄	
	-858 May 22 j 13:15	0°♄			-856 Oct 29 j 10:02	0°♄	
	-858 Jun 18 j 00:56	0°♄			-856 Nov 22 j 10:04	0°♄	
desc. node	-858 Jul 11 j 04:07	24°♄37'45			-856 Dec 16 j 08:43	0°♄	
	-858 Jul 16 j 12:49	0°♄		desc. node	-856 Dec 25 j 23:29	12°♄02'14	
evening max el	-858 Jul 20 j 00:09	3°♄23'06	46°07'15		-855 Jan 09 j 08:22	0°♄	
	-858 Aug 23 j 04:07	0°♄		morning set	-855 Jan 16 j 20:50	9°♄23'04	
greatest brilliancy	-858 Aug 28 j 04:38	2°♄09'23	-4.6m		-855 Feb 02 j 10:00	0°♄	
retrograde	-858 Sep 07 j 11:03	4°♄05'13					
	-858 Sep 22 j 00:10	30°♄		superior conj	-855 Feb 26 j 00:40	29°♄18'24	-1°-24'-2
evening set	-858 Sep 24 j 07:56	28°♄43'11		minimum elong	-855 Feb 26 j 03:46	29°♄28'00	1°24'03
inferior conj	-858 Sep 28 j 05:14	26°♄24'29	-7°-24'-23		-855 Feb 26 j 14:06	0°♄	
minimum elong	-858 Sep 28 j 15:18	26°♄09'12	7°22'36	max. Earth dist.	-855 Mar 01 j 08:30	3°♄25'32	1.72731 AU
min. Earth dist.	-858 Sep 28 j 23:35	25°♄56'39	0.26957 AU		-855 Mar 22 j 21:02	0°♄	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 10

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-855 Apr 05 j 06:14	16° Υ 27'55		-853 Nov 11 j 21:19	0° $\underline{\text{a}}$	
	-855 Apr 16 j 07:01	0° B		-853 Dec 06 j 16:50	0° M	
asc. node	-855 Apr 18 j 01:50	2° B 11'07		-853 Dec 31 j 03:29	0° J	
	-855 May 10 j 20:04	0° II		desc. node	-852 Jan 23 j 11:25	28° J 44'58
	-855 Jun 04 j 12:28	0° S			-852 Jan 24 j 11:46	0° Z
	-855 Jun 29 j 09:28	0° Ω			-852 Feb 17 j 20:09	0° \approx
	-855 Jul 24 j 13:51	0° M			-852 Mar 13 j 05:22	0° K
desc. node	-855 Aug 07 j 16:08	16° M 32'47		morning set	-852 Mar 30 j 17:30	21° K 30'34
	-855 Aug 19 j 07:06	0° $\underline{\text{a}}$			-852 Apr 06 j 15:30	0° Υ
	-855 Sep 15 j 02:01	0° M			-852 May 01 j 02:08	0° B
evening max el	-855 Oct 01 j 14:44	17° M 18'42	47°19'24	max. Earth dist.	-852 May 05 j 22:40	5° B 57'30 1.73673 AU
	-855 Oct 14 j 22:08	0° J				
greatest brilliancy	-855 Nov 09 j 05:48	17° J 46'04	-4.7m	superior conj	-852 May 06 j 12:03	6° B 38'33 0°-21'-13
retrograde	-855 Nov 21 j 09:09	20° J 31'36		minimum elong	-852 May 06 j 16:15	6° B 51'28 0°21'01
asc. node	-855 Nov 28 j 18:17	19° J 23'07		asc. node	-852 May 15 j 13:43	17° B 46'30
evening set	-855 Dec 05 j 20:14	16° J 17'43			-852 May 25 j 12:34	0° II
min. Earth dist.	-855 Dec 11 j 03:19	13° J 10'16	0.26593 AU	evening rise	-852 Jun 11 j 11:11	20° II 49'21
inferior conj	-855 Dec 11 j 22:36	12° J 40'32	3°18'54		-852 Jun 18 j 22:14	0° S
minimum elong	-855 Dec 11 j 15:39	12° J 51'16	3°16'50		-852 Jul 13 j 07:14	0° Ω
morning rise	-855 Dec 17 j 11:47	9° J 23'36			-852 Aug 06 j 16:40	0° M
direct	-854 Jan 01 j 07:04	5° J 02'18			-852 Aug 31 j 04:13	0° $\underline{\text{a}}$
greatest brilliancy	-854 Jan 12 j 03:58	7° J 15'58	-4.6m	desc. node	-852 Sep 04 j 04:05	4° $\underline{\text{a}}$ 52'36
	-854 Feb 12 j 22:10	0° Z			-852 Sep 24 j 19:58	0° M
morning max el	-854 Feb 20 j 02:09	6° Z 51'51	46°24'36		-852 Oct 19 j 19:17	0° J
	-854 Mar 14 j 08:25	0° \approx			-852 Nov 14 j 10:51	0° Z
desc. node	-854 Mar 20 j 09:02	6° \approx 34'56			-852 Dec 11 j 21:43	0° \approx
	-854 Apr 10 j 05:40	0° K		evening max el	-852 Dec 12 j 06:20	0° \approx 22'03 47°06'11
	-854 May 06 j 03:34	0° Υ		asc. node	-852 Dec 26 j 06:17	13° \approx 52'46
	-854 May 31 j 12:20	0° B			-851 Jan 17 j 10:03	0° K
	-854 Jun 25 j 11:08	0° II		greatest brilliancy	-851 Jan 18 j 01:01	0° K 18'29 -4.6m
asc. node	-854 Jul 11 j 11:22	19° II 29'33		retrograde	-851 Feb 01 j 02:07	3° K 56'56
	-854 Jul 20 j 00:59	0° S			-851 Feb 15 j 01:53	30° K
	-854 Aug 13 j 06:59	0° Ω		evening set	-851 Feb 19 j 00:22	27° \approx 43'02
morning set	-854 Aug 16 j 22:20	4° Ω 31'57		inferior conj	-851 Feb 22 j 06:54	25° \approx 39'17 8°30'52
	-854 Sep 06 j 07:12	0° M		minimum elong	-851 Feb 22 j 08:38	25° \approx 36'30 8°30'49
max. Earth dist.	-854 Sep 21 j 18:13	19° M 24'48	1.71338 AU	min. Earth dist.	-851 Feb 21 j 19:13	25° \approx 57'54 0.28456 AU
				morning rise	-851 Feb 25 j 17:07	23° \approx 30'13
superior conj	-854 Sep 23 j 21:19	22° M 05'23	1°13'09	direct	-851 Mar 15 j 09:27	17° \approx 30'13
minimum elong	-854 Sep 24 j 06:25	22° M 34'00	1°12'54	greatest brilliancy	-851 Mar 26 j 17:24	19° \approx 48'59 -4.5m
	-854 Sep 30 j 04:17	0° $\underline{\text{a}}$			-851 Apr 13 j 00:06	0° K
	-854 Oct 24 j 00:37	0° M		desc. node	-851 Apr 16 j 20:39	2° K 59'29
desc. node	-854 Oct 31 j 01:53	8° M 51'56		morning max el	-851 May 03 j 05:50	17° K 29'46 45°49'26
evening rise	-854 Nov 03 j 13:50	13° M 15'41			-851 May 15 j 19:54	0° Υ
	-854 Nov 16 j 21:46	0° J			-851 Jun 12 j 16:01	0° B
	-854 Dec 10 j 20:51	0° Z			-851 Jul 08 j 20:38	0° II
	-853 Jan 03 j 23:22	0° \approx			-851 Aug 03 j 02:46	0° S
	-853 Jan 28 j 08:09	0° K		asc. node	-851 Aug 07 j 23:17	5° S 52'01
asc. node	-853 Feb 21 j 04:03	28° K 49'07			-851 Aug 27 j 17:15	0° Ω
	-853 Feb 22 j 03:48	0° Υ			-851 Sep 20 j 20:59	0° M
	-853 Mar 19 j 17:49	0° B			-851 Oct 14 j 18:36	0° $\underline{\text{a}}$
	-853 Apr 15 j 17:21	0° II		morning set	-851 Oct 28 j 23:10	17° $\underline{\text{a}}$ 52'29
evening max el	-853 May 06 j 10:53	21° II 03'52	45°15'50		-851 Nov 07 j 14:00	0° M
	-853 May 16 j 05:38	0° S		desc. node	-851 Nov 27 j 13:44	25° M 10'37
greatest brilliancy	-853 Jun 11 j 01:28	17° S 35'06	-4.5m		-851 Dec 01 j 09:43	0° J
desc. node	-853 Jun 12 j 18:23	18° S 15'59				
retrograde	-853 Jun 23 j 20:43	20° S 26'58		superior conj	-851 Dec 09 j 15:10	10° J 20'45 0°-28'-2
evening set	-853 Jul 09 j 23:17	15° S 34'59		minimum elong	-851 Dec 09 j 07:51	9° J 57'44 0°27'44
inferior conj	-853 Jul 15 j 05:08	12° S 26'51	-6°-42'-51	max. Earth dist.	-851 Dec 12 j 18:43	14° J 18'03 1.71191 AU
minimum elong	-853 Jul 14 j 19:08	12° S 42'18	6°40'59		-851 Dec 25 j 07:02	0° Z
min. Earth dist.	-853 Jul 15 j 11:12	12° S 17'27	0.28525 AU		-850 Jan 18 j 06:48	0° \approx
morning rise	-853 Jul 19 j 14:37	9° S 46'46		evening rise	-850 Jan 20 j 03:22	2° \approx 18'54
direct	-853 Aug 05 j 17:36	4° S 16'15			-850 Feb 11 j 10:10	0° K
greatest brilliancy	-853 Aug 20 j 03:24	7° S 55'25	-4.6m		-850 Mar 07 j 18:47	0° Υ
	-853 Sep 18 j 10:47	0° Ω		asc. node	-850 Mar 20 j 15:59	15° Υ 43'36
morning max el	-853 Sep 24 j 18:25	6° Ω 10'05	46°33'47		-850 Apr 01 j 10:32	0° B
asc. node	-853 Oct 03 j 20:44	15° Ω 33'34			-850 Apr 26 j 11:49	0° II
	-853 Oct 17 j 01:42	0° M			-850 May 22 j 02:45	0° S

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-850 Jun 17 j 16:58	0°♌					-848 Nov 21 j 21:47	0°♍			
desc. node	-850 Jul 10 j 06:20	23°♌50'52					-848 Dec 15 j 20:14	0°♎			
	-850 Jul 16 j 11:35	0°♏				desc. node	-848 Dec 25 j 01:37	11°♎33'00			
evening max el	-850 Jul 17 j 13:40	1°♏03'02	46°04'38				-847 Jan 08 j 19:43	0°♏			
greatest brilliancy	-850 Aug 25 j 15:05	29°♏42'30	-4.6m			morning set	-847 Jan 14 j 07:20	6°♏50'46			
	-850 Aug 26 j 11:11	0°♐					-847 Feb 01 j 21:14	0°♑			
retrograde	-850 Sep 04 j 23:47	1°♐40'01									
	-850 Sep 14 j 03:00	30°♑				superior conj	-847 Feb 23 j 14:35	26°♑58'18	-1°-24'-31		
evening set	-850 Sep 21 j 23:35	26°♑12'50				minimum elong	-847 Feb 23 j 16:52	27°♑05'22	1°24'32		
inferior conj	-850 Sep 25 j 17:51	23°♑58'28	-7°-36'-43				-847 Feb 26 j 01:15	0°♒			
minimum elong	-850 Sep 26 j 03:34	23°♑43'44	7°35'07			max. Earth dist.	-847 Feb 27 j 02:22	1°♒17'47	1.72676 AU		
min. Earth dist.	-850 Sep 26 j 12:13	23°♑30'38	0.27019 AU				-847 Mar 22 j 08:07	0°♓			
morning rise	-850 Sep 30 j 07:12	21°♑16'10				evening rise	-847 Apr 02 j 22:47	14°♓17'16			
direct	-850 Oct 16 j 10:19	16°♑11'29					-847 Apr 15 j 18:07	0°♈			
greatest brilliancy	-850 Oct 29 j 22:46	19°♑34'16	-4.7m			asc. node	-847 Apr 17 j 03:56	1°♈43'34			
asc. node	-850 Oct 31 j 08:31	20°♑15'30					-847 May 10 j 07:20	0°♉			
	-850 Nov 14 j 21:45	0°♊					-847 Jun 04 j 00:07	0°♊			
morning max el	-850 Dec 06 j 06:53	19°♊50'01	46°55'24				-847 Jun 28 j 21:46	0°♋			
	-850 Dec 15 j 23:12	0°♌					-847 Jul 24 j 03:14	0°♌			
	-849 Jan 11 j 17:08	0°♍				desc. node	-847 Aug 06 j 18:05	15°♌57'05			
	-849 Feb 06 j 07:03	0°♎					-847 Aug 18 j 22:21	0°♍			
desc. node	-849 Feb 19 j 23:15	16°♎16'57					-847 Sep 14 j 21:08	0°♍			
	-849 Mar 03 j 10:16	0°♏				evening max el	-847 Sep 29 j 05:11	14°♍55'14	47°17'48		
	-849 Mar 28 j 08:32	0°♐					-847 Oct 15 j 06:35	0°♎			
	-849 Apr 22 j 03:47	0°♑				greatest brilliancy	-847 Nov 06 j 21:39	15°♎19'40	-4.7m		
morning set	-849 May 16 j 20:16	0°♒				retrograde	-847 Nov 18 j 21:50	18°♎01'20			
	-849 Jun 07 j 07:06	26°♒12'37				asc. node	-847 Nov 27 j 20:26	16°♎21'45			
	-849 Jun 10 j 09:17	0°♓				evening set	-847 Dec 03 j 07:48	13°♎50'06			
asc. node	-849 Jun 13 j 01:39	3°♓17'26				min. Earth dist.	-847 Dec 08 j 17:12	10°♎39'23	0.26548 AU		
	-849 Jul 04 j 18:10	0°♈				inferior conj	-847 Dec 09 j 11:10	10°♎11'41	2°56'35		
max. Earth dist.	-849 Jul 09 j 19:42	6°♈15'36	1.72959 AU			minimum elong	-847 Dec 09 j 04:53	10°♎21'22	2°54'39		
						morning rise	-847 Dec 15 j 02:37	6°♈51'31			
superior conj	-849 Jul 13 j 12:45	10°♈51'11	1°03'44			direct	-847 Dec 29 j 19:22	2°♈34'20			
minimum elong	-849 Jul 13 j 04:05	10°♈24'20	1°03'28			greatest brilliancy	-846 Jan 09 j 17:27	4°♈48'54	-4.6m		
	-849 Jul 28 j 23:04	0°♉					-846 Feb 13 j 00:38	0°♉			
evening rise	-849 Aug 18 j 22:30	26°♉07'01				morning max el	-846 Feb 17 j 14:39	4°♉26'30	46°26'00		
	-849 Aug 22 j 01:15	0°♊					-846 Mar 14 j 01:49	0°♊			
	-849 Sep 15 j 02:29	0°♋				desc. node	-846 Mar 19 j 11:02	5°♊54'52			
desc. node	-849 Oct 02 j 16:00	21°♋53'21					-846 Apr 09 j 20:00	0°♌			
	-849 Oct 09 j 04:23	0°♌					-846 May 05 j 16:23	0°♍			
	-849 Nov 02 j 08:09	0°♍					-846 May 31 j 00:17	0°♎			
	-849 Nov 26 j 15:44	0°♎					-846 Jun 24 j 22:35	0°♏			
	-849 Dec 21 j 07:28	0°♏				asc. node	-846 Jul 10 j 13:29	19°♏01'35			
asc. node	-848 Jan 15 j 16:52	0°♐					-846 Jul 19 j 12:10	0°♑			
	-848 Jan 23 j 18:10	9°♐12'23					-846 Aug 12 j 18:04	0°♒			
	-848 Feb 11 j 18:24	0°♑				morning set	-846 Aug 14 j 14:18	2°♒17'38			
evening max el	-848 Feb 22 j 10:51	10°♑52'43	45°50'21				-846 Sep 05 j 18:19	0°♓			
	-848 Mar 15 j 07:22	0°♒				max. Earth dist.	-846 Sep 19 j 01:27	16°♓41'40	1.71386 AU		
greatest brilliancy	-848 Mar 27 j 16:36	7°♒41'05	-4.5m								
retrograde	-848 Apr 11 j 12:22	11°♒31'23				superior conj	-846 Sep 21 j 10:48	19°♓41'52	1°14'53		
evening set	-848 Apr 27 j 00:08	6°♒51'43				minimum elong	-846 Sep 21 j 19:23	20°♓08'48	1°14'42		
inferior conj	-848 May 02 j 22:31	3°♒16'09	2°36'46				-846 Sep 29 j 15:29	0°♓			
minimum elong	-848 May 03 j 03:58	3°♒07'36	2°35'16				-846 Oct 23 j 11:55	0°♍			
min. Earth dist.	-848 May 03 j 05:55	3°♒04'32	0.29053 AU			desc. node	-846 Oct 30 j 04:01	8°♍23'02			
	-848 May 08 j 07:14	30°♓				evening rise	-846 Oct 31 j 23:40	10°♍40'06			
morning rise	-848 May 09 j 07:51	29°♓25'27					-846 Nov 16 j 09:11	0°♎			
desc. node	-848 May 14 j 08:30	27°♓00'41					-846 Dec 10 j 08:24	0°♏			
direct	-848 May 24 j 15:20	24°♓55'22					-845 Jan 03 j 11:07	0°♐			
greatest brilliancy	-848 Jun 07 j 07:43	28°♓11'44	-4.5m				-845 Jan 27 j 20:13	0°♑			
	-848 Jun 10 j 23:34	0°♈				asc. node	-845 Feb 20 j 06:02	28°♑17'10			
morning max el	-848 Jul 12 j 14:54	24°♈54'42	45°53'44				-845 Feb 21 j 16:32	0°♒			
	-848 Jul 17 j 19:48	0°♉					-845 Mar 19 j 07:55	0°♓			
	-848 Aug 14 j 23:09	0°♊					-845 Apr 15 j 10:41	0°♋			
asc. node	-848 Sep 04 j 11:02	23°♊36'14				evening max el	-845 May 04 j 01:20	18°♋49'16	45°15'38		
	-848 Sep 09 j 20:50	0°♋					-845 May 16 j 10:51	0°♌			
	-848 Oct 04 j 16:17	0°♌				greatest brilliancy	-845 Jun 08 j 13:47	15°♌19'38	-4.5m		
	-848 Oct 28 j 22:02	0°♍				desc. node	-845 Jun 11 j 20:34	16°♌34'43			

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-845 Jun 21 j 11:32	18° $\overline{5}$ 14'53		superior conj	-843 Dec 07 j 00:25	7° $\overline{2}$ 44'02	0°-24'-13
evening set	-845 Jul 07 j 11:33	13° $\overline{5}$ 26'31		minimum elong	-843 Dec 06 j 18:00	7° $\overline{2}$ 23'52	0°23'55
inferior conj	-845 Jul 12 j 20:35	10° $\overline{5}$ 14'11	-6°-29'-13	max. Earth dist.	-843 Dec 10 j 01:33	11° $\overline{2}$ 33'50	1.71166 AU
minimum elong	-845 Jul 12 j 10:29	10° $\overline{5}$ 29'46	6°27'14		-843 Dec 24 j 18:09	0° $\overline{3}$	
min. Earth dist.	-845 Jul 13 j 02:41	10° $\overline{5}$ 04'44	0.28557 AU	evening rise	-842 Jan 17 j 14:28	29° $\overline{3}$ 49'15	
morning rise	-845 Jul 17 j 08:59	7° $\overline{5}$ 29'49			-842 Jan 17 j 17:55	0° \approx	
direct	-845 Aug 03 j 08:51	2° $\overline{5}$ 02'49			-842 Feb 10 j 21:20	0° \overline{K}	
greatest brilliancy	-845 Aug 17 j 20:05	5° $\overline{5}$ 42'51	-4.6m		-842 Mar 07 j 06:05	0° \overline{Y}	
	-845 Sep 18 j 11:12	0° \overline{O}		asc. node	-842 Mar 19 j 18:05	15° \overline{Y} 15'15	
morning max el	-845 Sep 22 j 08:32	3° \overline{O} 49'40	46°32'23		-842 Mar 31 j 22:11	0° $\overline{8}$	
asc. node	-845 Oct 02 j 22:53	14° \overline{O} 48'11			-842 Apr 26 j 00:09	0° \overline{II}	
	-845 Oct 16 j 18:24	0° \overline{np}			-842 May 21 j 16:22	0° $\overline{5}$	
	-845 Nov 11 j 11:32	0° \overline{u}			-842 Jun 17 j 09:16	0° \overline{O}	
	-845 Dec 06 j 05:53	0° \overline{ml}		desc. node	-842 Jul 09 j 08:19	23° \overline{O} 02'41	
	-845 Dec 30 j 15:51	0° \overline{x}		evening max el	-842 Jul 15 j 03:57	28° \overline{O} 45'03	46°02'02
desc. node	-844 Jan 22 j 13:28	28° \overline{x} 14'32			-842 Jul 16 j 11:17	0° \overline{np}	
	-844 Jan 23 j 23:39	0° $\overline{3}$		greatest brilliancy	-842 Aug 23 j 01:46	27° \overline{np} 16'36	-4.6m
	-844 Feb 17 j 07:40	0° \approx		retrograde	-842 Sep 02 j 12:33	29° \overline{np} 15'23	
	-844 Mar 12 j 16:36	0° \overline{K}		evening set	-842 Sep 19 j 15:14	23° \overline{np} 43'31	
morning set	-844 Mar 28 j 09:54	19° \overline{K} 19'26		inferior conj	-842 Sep 23 j 06:31	21° \overline{np} 33'17	-7°-48'-13
	-844 Apr 06 j 02:31	0° \overline{Y}		minimum elong	-842 Sep 23 j 15:47	21° \overline{np} 19'14	7°46'49
	-844 Apr 30 j 13:04	0° $\overline{8}$		min. Earth dist.	-842 Sep 24 j 00:40	21° \overline{np} 05'46	0.27075 AU
				morning rise	-842 Sep 27 j 16:03	18° \overline{np} 56'27	
superior conj	-844 May 04 j 06:07	4° $\overline{8}$ 33'12	0°-24'-15	direct	-842 Oct 14 j 00:24	13° \overline{np} 45'38	
minimum elong	-844 May 04 j 10:54	4° $\overline{8}$ 47'53	0°24'02	greatest brilliancy	-842 Oct 27 j 12:49	17° \overline{np} 08'57	-4.7m
max. Earth dist.	-844 May 03 j 18:29	3° $\overline{8}$ 57'32	1.73668 AU	asc. node	-842 Oct 30 j 10:37	18° \overline{np} 37'53	
asc. node	-844 May 14 j 15:53	17° $\overline{8}$ 19'39			-842 Nov 15 j 10:07	0° \overline{u}	
	-844 May 24 j 23:31	0° \overline{II}		morning max el	-842 Dec 03 j 21:24	17° \overline{u} 26'49	46°55'30
evening rise	-844 Jun 09 j 06:23	18° \overline{II} 47'05			-842 Dec 15 j 18:34	0° \overline{ml}	
	-844 Jun 18 j 09:16	0° $\overline{5}$			-841 Jan 11 j 08:23	0° \overline{x}	
	-844 Jul 12 j 18:29	0° \overline{O}			-841 Feb 05 j 20:28	0° $\overline{3}$	
	-844 Aug 06 j 04:15	0° \overline{np}		desc. node	-841 Feb 19 j 01:16	15° $\overline{3}$ 44'39	
	-844 Aug 30 j 16:21	0° \overline{u}			-841 Mar 02 j 22:38	0° \approx	
desc. node	-844 Sep 03 j 06:08	4° \overline{u} 21'37			-841 Mar 27 j 20:14	0° \overline{K}	
	-844 Sep 24 j 08:52	0° \overline{ml}			-841 Apr 21 j 15:03	0° \overline{Y}	
	-844 Oct 19 j 09:24	0° \overline{x}			-841 May 16 j 07:13	0° $\overline{8}$	
	-844 Nov 14 j 03:12	0° $\overline{3}$		morning set	-841 Jun 05 j 01:28	24° $\overline{8}$ 08'48	
evening max el	-844 Dec 09 j 20:46	28° $\overline{3}$ 00'09	47°08'16		-841 Jun 09 j 20:04	0° \overline{II}	
	-844 Dec 11 j 20:00	0° \approx		asc. node	-841 Jun 12 j 03:42	2° \overline{II} 50'40	
asc. node	-844 Dec 25 j 08:22	12° \approx 50'59			-841 Jul 04 j 04:54	0° $\overline{5}$	
greatest brilliancy	-843 Jan 15 j 17:03	28° \approx 01'30	-4.6m	max. Earth dist.	-841 Jul 07 j 14:08	4° $\overline{5}$ 10'58	1.73007 AU
	-843 Jan 20 j 10:27	0° \overline{K}					
retrograde	-843 Jan 29 j 18:06	1° \overline{K} 40'31		superior conj	-841 Jul 11 j 06:40	8° $\overline{5}$ 44'48	1°01'37
	-843 Feb 07 j 17:38	30° \overline{R} \approx		minimum elong	-841 Jul 10 j 21:59	8° $\overline{5}$ 17'53	1°01'20
evening set	-843 Feb 16 j 15:57	25° \approx 26'33			-841 Jul 28 j 09:53	0° \overline{O}	
inferior conj	-843 Feb 19 j 22:25	23° \approx 23'10	8°32'50	evening rise	-841 Aug 16 j 14:27	23° \overline{O} 52'59	
minimum elong	-843 Feb 19 j 23:23	23° \approx 21'38	8°32'49		-841 Aug 21 j 12:14	0° \overline{np}	
min. Earth dist.	-843 Feb 19 j 09:42	23° \approx 43'22	0.28405 AU		-841 Sep 14 j 13:41	0° \overline{u}	
morning rise	-843 Feb 23 j 07:01	21° \approx 16'48		desc. node	-841 Oct 01 j 18:10	21° \overline{u} 24'46	
direct	-843 Mar 12 j 23:49	15° \approx 14'47			-841 Oct 08 j 15:49	0° \overline{ml}	
greatest brilliancy	-843 Mar 24 j 07:18	17° \approx 33'15	-4.5m		-841 Nov 01 j 19:53	0° \overline{x}	
	-843 Apr 13 j 12:48	0° \overline{K}			-841 Nov 26 j 03:55	0° $\overline{3}$	
desc. node	-843 Apr 15 j 22:49	1° \overline{K} 56'47			-841 Dec 20 j 20:26	0° \approx	
morning max el	-843 Apr 30 j 21:28	15° \overline{K} 17'46	45°50'08		-840 Jan 15 j 07:25	0° \overline{K}	
	-843 May 15 j 14:33	0° \overline{Y}		asc. node	-840 Jan 22 j 20:06	8° \overline{K} 34'37	
	-843 Jun 12 j 06:35	0° $\overline{8}$			-840 Feb 11 j 13:02	0° \overline{Y}	
	-843 Jul 08 j 09:29	0° \overline{II}		evening max el	-840 Feb 20 j 03:06	8° \overline{Y} 41'49	45°52'35
	-843 Aug 02 j 14:45	0° $\overline{5}$			-840 Mar 16 j 00:08	0° $\overline{8}$	
asc. node	-843 Aug 07 j 01:14	5° $\overline{5}$ 21'57		greatest brilliancy	-840 Mar 25 j 10:26	5° $\overline{8}$ 34'42	-4.5m
	-843 Aug 27 j 04:45	0° \overline{O}		retrograde	-840 Apr 09 j 04:54	9° $\overline{8}$ 23'30	
	-843 Sep 20 j 08:14	0° \overline{np}		evening set	-840 Apr 24 j 18:44	4° $\overline{8}$ 41'25	
	-843 Oct 14 j 05:45	0° \overline{u}		inferior conj	-840 Apr 30 j 15:10	1° $\overline{8}$ 08'05	2°55'08
morning set	-843 Oct 26 j 10:44	15° \overline{u} 22'40		minimum elong	-840 Apr 30 j 21:10	0° $\overline{8}$ 58'38	2°53'31
	-843 Nov 07 j 01:07	0° \overline{ml}		min. Earth dist.	-840 Apr 30 j 22:27	0° $\overline{8}$ 56'37	0.29056 AU
desc. node	-843 Nov 26 j 15:52	24° \overline{ml} 42'24			-840 May 02 j 10:33	30° \overline{R} \overline{Y}	
	-843 Nov 30 j 20:50	0° \overline{x}		morning rise	-840 May 06 j 23:42	27° \overline{Y} 18'06	
				desc. node	-840 May 13 j 10:37	24° \overline{Y} 21'08	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-840 May 22 j 08:11	22°Υ47'29		-837 Jan 02 j 22:31	0°≈	
greatest brilliancy	-840 Jun 04 j 21:20	26°Υ00'18	-4.5m	-837 Jan 27 j 07:54	0°✕	
	-840 Jun 12 j 08:56	0°♄		asc. node	-837 Feb 19 j 08:12	27°✕47'02
morning max el	-840 Jul 10 j 06:28	22°♄43'56	45°52'42		-837 Feb 21 j 04:51	0°Υ
	-840 Jul 17 j 15:44	0°♅			-837 Mar 18 j 21:38	0°♄
	-840 Aug 14 j 14:02	0°♆			-837 Apr 15 j 03:51	0°♅
asc. node	-840 Sep 03 j 13:12	23°♆03'19		evening max el	-837 May 01 j 16:03	16°♅36'52 45°15'27
	-840 Sep 09 j 09:51	0°♁			-837 May 16 j 17:34	0°♆
	-840 Oct 04 j 04:26	0°♂		greatest brilliancy	-837 Jun 06 j 01:18	13°♆04'36 -4.5m
	-840 Oct 28 j 09:43	0°♂		desc. node	-837 Jun 10 j 22:34	14°♆50'46
	-840 Nov 21 j 09:10	0°♁		retrograde	-837 Jun 19 j 02:54	16°♆04'14
	-840 Dec 15 j 07:22	0°♂		evening set	-837 Jul 05 j 00:01	11°♆19'03
desc. node	-840 Dec 24 j 03:38	11°♂04'37		inferior conj	-837 Jul 10 j 12:04	8°♆02'40 -6°-14'-59
	-839 Jan 08 j 06:41	0°♄		minimum elong	-837 Jul 10 j 01:57	8°♆18'16 6°12'54
morning set	-839 Jan 11 j 18:12	4°♄20'47		min. Earth dist.	-837 Jul 10 j 17:58	7°♆53'34 0.28593 AU
	-839 Feb 01 j 08:04	0°≈		morning rise	-837 Jul 15 j 03:28	5°♆14'08
					-837 Jul 29 j 04:26	30°♁♅
superior conj	-839 Feb 21 j 04:44	24°≈40'09	-1°-24'-51	direct	-837 Aug 01 j 00:30	29°♅50'29
minimum elong	-839 Feb 21 j 06:09	24°≈44'32	1°24'52		-837 Aug 03 j 21:33	0°♆
max. Earth dist.	-839 Feb 24 j 21:03	29°≈13'46	1.72622 AU	greatest brilliancy	-837 Aug 15 j 13:38	3°♆32'32 -4.6m
	-839 Feb 25 j 11:58	0°✕			-837 Sep 18 j 10:12	0°♁
	-839 Mar 21 j 18:49	0°Υ		morning max el	-837 Sep 19 j 23:39	1°♁32'51 46°31'00
evening rise	-839 Mar 31 j 15:18	12°Υ07'36		asc. node	-837 Oct 02 j 01:01	14°♁04'08
	-839 Apr 15 j 04:53	0°♄			-837 Oct 16 j 10:30	0°♂
asc. node	-839 Apr 16 j 06:04	1°♄17'08			-837 Nov 11 j 01:18	0°♂
	-839 May 09 j 18:18	0°♅			-837 Dec 05 j 18:33	0°♁
	-839 Jun 03 j 11:30	0°♆			-837 Dec 30 j 03:52	0°♂
	-839 Jun 28 j 09:50	0°♁		desc. node	-836 Jan 21 j 15:27	27°♂44'56
	-839 Jul 23 j 16:24	0°♂			-836 Jan 23 j 11:13	0°♄
desc. node	-839 Aug 05 j 20:09	15°♂22'20			-836 Feb 16 j 18:51	0°≈
	-839 Aug 18 j 13:28	0°♂			-836 Mar 12 j 03:29	0°✕
evening max el	-839 Sep 14 j 16:24	0°♁		morning set	-836 Mar 26 j 02:30	17°✕09'54
	-839 Sep 26 j 18:36	12°♁30'08	47°16'06		-836 Apr 05 j 13:12	0°Υ
	-839 Oct 15 j 17:27	0°♂			-836 Apr 29 j 23:39	0°♄
greatest brilliancy	-839 Nov 04 j 13:49	12°♂54'28	-4.7m	max. Earth dist.	-836 May 01 j 16:34	2°♄05'36 1.73662 AU
retrograde	-839 Nov 16 j 10:02	15°♂32'05				
asc. node	-839 Nov 26 j 22:30	13°♂15'50		superior conj	-836 May 02 j 00:29	2°♄29'52 0°-27'-14
evening set	-839 Nov 30 j 19:33	11°♂23'00		minimum elong	-836 May 02 j 05:49	2°♄46'14 0°26'59
inferior conj	-839 Dec 06 j 23:41	7°♂43'54	2°33'43	asc. node	-836 May 13 j 17:55	16°♄53'27
minimum elong	-839 Dec 06 j 18:08	7°♂52'28	2°31'59		-836 May 24 j 10:07	0°♅
min. Earth dist.	-839 Dec 06 j 07:24	8°♂09'01	0.26502 AU	evening rise	-836 Jun 07 j 01:58	16°♅47'03
morning rise	-839 Dec 12 j 17:17	4°♂20'42			-836 Jun 17 j 20:00	0°♆
direct	-839 Dec 27 j 07:08	0°♂07'13			-836 Jul 12 j 05:29	0°♁
greatest brilliancy	-838 Jan 07 j 07:51	2°♂23'55	-4.6m		-836 Aug 05 j 15:40	0°♂
	-838 Feb 13 j 01:10	0°♄			-836 Aug 30 j 04:20	0°♂
morning max el	-838 Feb 15 j 02:49	2°♄01'32	46°27'38	desc. node	-836 Sep 02 j 08:17	3°♂51'24
	-838 Mar 13 j 18:19	0°≈			-836 Sep 23 j 21:39	0°♁
desc. node	-838 Mar 18 j 13:15	5°≈17'19			-836 Oct 18 j 23:26	0°♂
	-838 Apr 09 j 09:40	0°✕			-836 Nov 13 j 19:36	0°♄
	-838 May 05 j 04:40	0°Υ		evening max el	-836 Dec 07 j 12:10	25°♄41'18 47°10'21
	-838 May 30 j 11:48	0°♄			-836 Dec 11 j 18:56	0°≈
	-838 Jun 24 j 09:39	0°♅		asc. node	-836 Dec 24 j 10:22	11°≈48'11
asc. node	-838 Jul 09 j 15:29	18°♅34'15		greatest brilliancy	-835 Jan 13 j 08:57	25°≈44'55 -4.6m
	-838 Jul 18 j 23:01	0°♆		retrograde	-835 Jan 27 j 10:29	29°≈24'36
morning set	-838 Aug 12 j 06:11	0°♁04'11		evening set	-835 Feb 14 j 07:13	23°≈10'59
	-838 Aug 12 j 04:50	0°♁		min. Earth dist.	-835 Feb 16 j 23:53	21°≈29'44 0.28350 AU
	-838 Sep 05 j 05:06	0°♂		inferior conj	-835 Feb 17 j 13:55	21°≈07'28 8°34'01
max. Earth dist.	-838 Sep 16 j 11:41	14°♂09'06	1.71434 AU	minimum elong	-835 Feb 17 j 14:07	21°≈07'09 8°34'01
				morning rise	-835 Feb 20 j 21:14	19°≈03'22
superior conj	-838 Sep 19 j 00:17	17°♂19'25	1°16'30	direct	-835 Mar 10 j 14:43	12°≈59'56
minimum elong	-838 Sep 19 j 08:17	17°♂44'33	1°16'20	greatest brilliancy	-835 Mar 21 j 20:31	15°≈17'26 -4.5m
	-838 Sep 29 j 02:20	0°♂			-835 Apr 13 j 21:53	0°✕
	-838 Oct 22 j 22:53	0°♁		desc. node	-835 Apr 15 j 00:51	0°✕56'02
evening rise	-838 Oct 29 j 09:35	8°♁05'55		morning max el	-835 Apr 28 j 13:45	13°✕08'09 45°51'00
desc. node	-838 Oct 29 j 06:06	7°♁55'00			-835 May 15 j 08:26	0°Υ
	-838 Nov 15 j 20:18	0°♂			-835 Jun 11 j 20:41	0°♄
	-838 Dec 09 j 19:39	0°♄			-835 Jul 07 j 21:59	0°♅

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-835 Aug 02 j 02:27	0°☿					-832 Mar 16 j 23:22	0°♄			
asc. node	-835 Aug 06 j 03:25	4°☿53'22			greatest brilliancy		-832 Mar 23 j 04:12	3°♄27'26	-4.5m		
	-835 Aug 26 j 16:04	0°♌			retrograde		-832 Apr 06 j 21:10	7°♄15'08			
	-835 Sep 19 j 19:22	0°♍			evening set		-832 Apr 22 j 13:27	2°♄30'20			
	-835 Oct 13 j 16:50	0°♎					-832 Apr 26 j 17:30	30°♄			
morning set	-835 Oct 23 j 22:16	12°♎52'51			inferior conj		-832 Apr 28 j 07:53	28°♄59'34	3°13'19		
	-835 Nov 06 j 12:12	0°♏			minimum elong		-832 Apr 28 j 14:24	28°♄49'17	3°11'34		
desc. node	-835 Nov 25 j 17:52	24°♏13'52			min. Earth dist.		-832 Apr 28 j 15:19	28°♄47'50	0.29054 AU		
	-835 Nov 30 j 07:54	0°♐			morning rise		-832 May 04 j 15:25	25°♄10'27			
					desc. node		-832 May 12 j 12:40	21°♄45'19			
superior conj	-835 Dec 04 j 09:24	5°♐06'36	0°-20'-17		direct		-832 May 20 j 00:35	20°♄39'02			
minimum elong	-835 Dec 04 j 03:57	4°♐49'29	0°20'04		greatest brilliancy		-832 Jun 02 j 11:35	23°♄49'03	-4.5m		
max. Earth dist.	-835 Dec 07 j 10:32	8°♐56'29	1.71138 AU				-832 Jun 13 j 09:02	0°♄			
	-835 Dec 24 j 05:11	0°♑			morning max el		-832 Jul 07 j 21:26	20°♄31'15	45°51'57		
evening rise	-834 Jan 15 j 01:22	27°♑19'09					-832 Jul 17 j 11:14	0°♒			
	-834 Jan 17 j 04:57	0°♒					-832 Aug 14 j 04:52	0°☿			
	-834 Feb 10 j 08:26	0°♓			asc. node		-832 Sep 02 j 15:20	22°☿30'06			
	-834 Mar 06 j 17:22	0°♈					-832 Sep 08 j 22:55	0°♌			
asc. node	-834 Mar 18 j 20:14	14°♈47'10					-832 Oct 03 j 16:41	0°♍			
	-834 Mar 31 j 09:48	0°♉					-832 Oct 27 j 21:32	0°♎			
	-834 Apr 25 j 12:24	0°♊					-832 Nov 20 j 20:45	0°♏			
	-834 May 21 j 05:56	0°☿					-832 Dec 14 j 18:49	0°♐			
desc. node	-834 Jun 17 j 01:39	0°♌			desc. node		-832 Dec 23 j 05:44	10°♐35'30			
evening max el	-834 Jul 08 j 10:23	22°♌14'29					-831 Jan 07 j 18:00	0°♑			
	-834 Jul 12 j 18:21	26°♌27'59	45°59'19		morning set		-831 Jan 09 j 04:22	1°♑47'20			
	-834 Jul 16 j 11:53	0°♒					-831 Jan 31 j 19:16	0°♒			
greatest brilliancy	-834 Aug 20 j 13:02	24°♒52'09	-4.6m								
retrograde	-834 Aug 31 j 00:58	26°♒51'21			superior conj		-831 Feb 18 j 18:13	22°♒18'43	-1°-25'-2		
evening set	-834 Sep 17 j 06:55	21°♒15'10			minimum elong		-831 Feb 18 j 18:44	22°♒20'19	1°25'03		
inferior conj	-834 Sep 20 j 19:22	19°♒08'44	-7°-58'-46		max. Earth dist.		-831 Feb 22 j 13:25	27°♒01'24	1.72563 AU		
minimum elong	-834 Sep 21 j 04:06	18°♒55'27	7°57'32				-831 Feb 24 j 23:04	0°♓			
min. Earth dist.	-834 Sep 21 j 13:21	18°♒41'25	0.27138 AU				-831 Mar 21 j 05:51	0°♈			
morning rise	-834 Sep 25 j 01:03	16°♒37'09			evening rise		-831 Mar 29 j 07:17	9°♈55'12			
direct	-834 Oct 11 j 14:36	11°♒20'22					-831 Apr 14 j 15:58	0°♉			
greatest brilliancy	-834 Oct 25 j 02:57	14°♒43'37	-4.7m		asc. node		-831 Apr 15 j 08:05	0°♉49'18			
asc. node	-834 Oct 29 j 12:41	17°♒03'31					-831 May 09 j 05:37	0°♊			
	-834 Nov 15 j 19:28	0°♋					-831 Jun 02 j 23:14	0°☿			
morning max el	-834 Dec 01 j 11:07	15°♋01'01	46°55'29				-831 Jun 27 j 22:14	0°♌			
	-834 Dec 15 j 13:35	0°♍					-831 Jul 23 j 05:55	0°♍			
	-833 Jan 10 j 23:35	0°♎			desc. node		-831 Aug 04 j 22:22	14°♍47'12			
desc. node	-833 Feb 05 j 09:53	0°♏					-831 Aug 18 j 04:58	0°♎			
	-833 Feb 18 j 03:30	15°♏12'53					-831 Sep 14 j 12:22	0°♏			
	-833 Mar 02 j 11:01	0°♐			evening max el		-831 Sep 24 j 07:07	10°♏02'38	47°14'22		
	-833 Mar 27 j 07:58	0°♑					-831 Oct 16 j 08:04	0°♐			
	-833 Apr 21 j 02:20	0°♒			greatest brilliancy		-831 Nov 02 j 05:17	10°♐28'04	-4.7m		
	-833 May 15 j 18:12	0°♓			retrograde		-831 Nov 13 j 22:16	13°♐02'43			
morning set	-833 Jun 02 j 20:14	22°♓06'06			asc. node		-831 Nov 26 j 00:32	10°♓04'34			
	-833 Jun 09 j 06:53	0°♈			evening set		-831 Nov 28 j 07:34	8°♓54'52			
asc. node	-833 Jun 11 j 05:45	2°♈23'48			min. Earth dist.		-831 Dec 03 j 21:43	5°♓38'05	0.26471 AU		
	-833 Jul 03 j 15:40	0°☿			inferior conj		-831 Dec 04 j 12:19	5°♓15'37	2°10'28		
max. Earth dist.	-833 Jul 05 j 08:23	2°☿05'46	1.73051 AU		minimum elong		-831 Dec 04 j 07:33	5°♓22'58	2°08'58		
					morning rise		-831 Dec 10 j 07:56	1°♓49'41			
superior conj	-833 Jul 09 j 01:12	6°☿40'19	0°59'26				-831 Dec 14 j 01:46	30°♓			
minimum elong	-833 Jul 08 j 16:31	6°☿13'27	0°59'08		direct		-831 Dec 24 j 18:55	27°♓39'06			
	-833 Jul 27 j 20:43	0°♌			greatest brilliancy		-830 Jan 04 j 23:20	29°♓59'10	-4.6m		
evening rise	-833 Aug 14 j 07:04	21°♌41'07					-830 Jan 05 j 00:09	0°♐			
	-833 Aug 20 j 23:14	0°♍			morning max el		-830 Feb 12 j 15:34	29°♐36'24	46°29'05		
	-833 Sep 14 j 00:57	0°♎					-830 Feb 13 j 01:07	0°♑			
desc. node	-833 Sep 30 j 20:15	20°♎55'34					-830 Mar 13 j 11:04	0°♒			
	-833 Oct 08 j 03:24	0°♏			desc. node		-830 Mar 17 j 15:16	4°♒38'01			
	-833 Nov 01 j 07:51	0°♐					-830 Apr 08 j 23:44	0°♓			
	-833 Nov 25 j 16:25	0°♑					-830 May 04 j 17:20	0°♈			
	-833 Dec 20 j 09:47	0°♒					-830 May 29 j 23:41	0°♉			
	-832 Jan 14 j 22:27	0°♓					-830 Jun 23 j 21:05	0°♊			
asc. node	-832 Jan 21 j 22:20	7°♓56'24			asc. node		-830 Jul 08 j 17:38	18°♊06'20			
	-832 Feb 11 j 08:30	0°♈					-830 Jul 18 j 10:13	0°☿			
evening max el	-832 Feb 17 j 18:18	6°♈27'21	45°55'01		morning set		-830 Aug 09 j 22:21	27°☿50'36			

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 15

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-830 Aug 11 j 15:57	0°♌		min. Earth dist.	-827 Feb 14 j 13:50	19°≈15'50	0.28295 AU
	-830 Sep 04 j 16:12	0°♍		inferior conj	-827 Feb 15 j 05:27	18°≈51'05	8°34'19
max. Earth dist.	-830 Sep 14 j 00:37	11°♍44'01	1.71477 AU	minimum elong	-827 Feb 15 j 04:53	18°≈51'59	8°34'18
				morning rise	-827 Feb 18 j 11:50	16°≈48'37	
superior conj	-830 Sep 16 j 14:17	14°♍57'39	1°17'58	direct	-827 Mar 08 j 06:09	10°≈44'38	
minimum elong	-830 Sep 16 j 21:39	15°♍20'49	1°17'49	greatest brilliancy	-827 Mar 19 j 08:52	12°≈59'56	-4.5m
	-830 Sep 28 j 13:29	0°♎		desc. node	-827 Apr 14 j 02:55	29°≈55'58	
	-830 Oct 22 j 10:08	0°♏			-827 Apr 14 j 04:48	0°♐	
evening rise	-830 Oct 26 j 20:09	5°♏32'58		morning max el	-827 Apr 26 j 05:54	10°♐57'17	45°51'35
desc. node	-830 Oct 28 j 08:07	7°♏25'56			-827 May 15 j 02:18	0°♑	
	-830 Nov 15 j 07:40	0°♒			-827 Jun 11 j 11:04	0°♒	
	-830 Dec 09 j 07:11	0°♓			-827 Jul 07 j 10:48	0°♑	
	-829 Jan 02 j 10:16	0°♈			-827 Aug 01 j 14:28	0°♒	
	-829 Jan 26 j 20:03	0°♉		asc. node	-827 Aug 05 j 05:33	4°♒23'38	
asc. node	-829 Feb 18 j 10:18	27°♉15'04			-827 Aug 26 j 03:38	0°♓	
	-829 Feb 20 j 17:45	0°♊			-827 Sep 19 j 06:45	0°♑	
	-829 Mar 18 j 12:05	0°♋			-827 Oct 13 j 04:09	0°♎	
	-829 Apr 14 j 22:03	0°♌		morning set	-827 Oct 21 j 09:50	10°♎22'34	
evening max el	-829 Apr 29 j 07:21	14°♌24'16	45°15'30		-827 Nov 05 j 23:30	0°♏	
	-829 May 17 j 03:45	0°♍		desc. node	-827 Nov 24 j 20:00	23°♏45'09	
greatest brilliancy	-829 Jun 03 j 12:51	10°♍48'10	-4.5m		-827 Nov 29 j 19:09	0°♐	
desc. node	-829 Jun 10 j 00:39	13°♍01'26					
retrograde	-829 Jun 16 j 18:37	13°♍51'59		superior conj	-827 Dec 01 j 18:31	2°♐28'56	0°-16'-20
evening set	-829 Jul 02 j 12:36	9°♍09'56		minimum elong	-827 Dec 01 j 14:06	2°♐15'02	0°16'10
inferior conj	-829 Jul 08 j 03:28	5°♍49'34	-6°00'-11	behind sun begin	-827 Dec 01 j 09:49	2°♐01'35	
minimum elong	-829 Jul 07 j 17:24	6°♍05'05	5°58'02	behind sun end	-827 Dec 01 j 18:22	2°♐28'28	
min. Earth dist.	-829 Jul 08 j 08:52	5°♍41'15	0.28624 AU	max. Earth dist.	-827 Dec 04 j 19:19	6°♐17'48	1.71107 AU
morning rise	-829 Jul 12 j 21:48	2°♍57'00			-827 Dec 23 j 16:24	0°♑	
	-829 Jul 18 j 16:57	30°♒♐		evening rise	-826 Jan 12 j 12:21	24°♑48'41	
direct	-829 Jul 29 j 16:32	27°♐36'46			-826 Jan 16 j 16:09	0°♒	
	-829 Aug 10 j 04:56	0°♑			-826 Feb 09 j 19:41	0°♐	
greatest brilliancy	-829 Aug 13 j 06:32	1°♑20'15	-4.6m		-826 Mar 06 j 04:47	0°♑	
morning max el	-829 Sep 17 j 15:26	29°♑16'50	46°29'41	asc. node	-826 Mar 17 j 22:14	14°♑18'08	
	-829 Sep 18 j 08:43	0°♒			-826 Mar 30 j 21:35	0°♋	
asc. node	-829 Oct 01 j 03:01	13°♒19'10			-826 Apr 25 j 00:57	0°♌	
	-829 Oct 16 j 02:42	0°♑			-826 May 20 j 19:55	0°♍	
	-829 Nov 10 j 15:15	0°♎			-826 Jun 16 j 18:41	0°♒	
	-829 Dec 05 j 07:25	0°♏		desc. node	-826 Jul 07 j 12:35	21°♒24'51	
	-829 Dec 29 j 16:06	0°♐		evening max el	-826 Jul 10 j 08:04	24°♒08'27	45°56'37
desc. node	-828 Jan 20 j 17:41	27°♐15'18			-826 Jul 16 j 14:11	0°♑	
	-828 Jan 22 j 23:00	0°♑		greatest brilliancy	-826 Aug 18 j 01:22	22°♑28'13	-4.6m
	-828 Feb 16 j 06:19	0°♒		retrograde	-826 Aug 28 j 12:58	24°♑26'48	
	-828 Mar 11 j 14:43	0°♐		evening set	-826 Sep 14 j 22:27	18°♑46'45	
morning set	-828 Mar 23 j 18:44	14°♐57'59		inferior conj	-826 Sep 18 j 08:14	16°♑43'55	-8°-8'-18
	-828 Apr 05 j 00:17	0°♑		minimum elong	-826 Sep 18 j 16:23	16°♑31'30	8°07'16
	-828 Apr 29 j 10:40	0°♋		min. Earth dist.	-826 Sep 19 j 02:18	16°♑16'25	0.27197 AU
				morning rise	-826 Sep 22 j 10:05	14°♑17'28	
superior conj	-828 Apr 29 j 18:22	0°♋23'40	0°-30'-13	direct	-826 Oct 09 j 04:06	8°♑54'47	
minimum elong	-828 Apr 30 j 00:14	0°♋41'40	0°29'57	greatest brilliancy	-826 Oct 22 j 17:14	12°♑18'08	-4.7m
max. Earth dist.	-828 Apr 29 j 14:54	0°♋13'00	1.73654 AU	asc. node	-826 Oct 28 j 14:49	15°♑32'07	
asc. node	-828 May 12 j 20:00	16°♋26'08			-826 Nov 16 j 02:25	0°♎	
	-828 May 23 j 21:08	0°♌		morning max el	-826 Nov 28 j 23:52	12°♎32'21	46°55'26
evening rise	-828 Jun 04 j 21:06	14°♌44'27			-826 Dec 15 j 08:13	0°♏	
	-828 Jun 17 j 07:08	0°♍			-825 Jan 10 j 14:39	0°♐	
	-828 Jul 11 j 16:52	0°♒			-825 Feb 04 j 23:15	0°♑	
	-828 Aug 05 j 03:28	0°♑		desc. node	-825 Feb 17 j 05:29	14°♑40'21	
	-828 Aug 29 j 16:43	0°♎			-825 Mar 01 j 23:24	0°♒	
desc. node	-828 Sep 01 j 10:19	3°♎19'39			-825 Mar 26 j 19:41	0°♐	
	-828 Sep 23 j 10:51	0°♏			-825 Apr 20 j 13:37	0°♑	
	-828 Oct 18 j 13:54	0°♐			-825 May 15 j 05:13	0°♋	
	-828 Nov 13 j 12:32	0°♑		morning set	-825 May 31 j 14:54	20°♋02'56	
evening max el	-828 Dec 05 j 04:19	23°♑23'44	47°12'23		-825 Jun 08 j 17:45	0°♌	
	-828 Dec 11 j 19:05	0°♒		asc. node	-825 Jun 10 j 07:56	1°♌57'08	
asc. node	-828 Dec 23 j 12:35	10°♒43'43		max. Earth dist.	-825 Jul 03 j 02:09	29°♌58'50	1.73101 AU
greatest brilliancy	-827 Jan 11 j 01:30	23°≈28'45	-4.6m		-825 Jul 03 j 02:32	0°♍	
retrograde	-827 Jan 25 j 03:00	27°≈07'58					
evening set	-827 Feb 11 j 22:11	20°≈55'28		superior conj	-825 Jul 06 j 19:33	4°♍35'02	0°57'09

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-825 Jul 06 j 10:56	4° \mathfrak{D} 08'22	0°56'51	direct	-823 Dec 22 j 06:43	25° \mathfrak{M} 10'34	
	-825 Jul 27 j 07:40	0° \mathcal{Q}		greatest brilliancy	-822 Jan 02 j 14:15	27° \mathfrak{M} 34'00	-4.6m
evening rise	-825 Aug 11 j 23:31	19° \mathcal{Q} 28'24			-822 Jan 07 j 17:42	0° \mathfrak{X}	
	-825 Aug 20 j 10:22	0° \mathfrak{M}		morning max el	-822 Feb 10 j 05:03	27° \mathfrak{X} 13'38	46°30'38
	-825 Sep 13 j 12:18	0° \mathfrak{A}			-822 Feb 12 j 23:47	0° \mathfrak{Z}	
desc. node	-825 Sep 29 j 22:14	20° \mathfrak{A} 25'53			-822 Mar 13 j 03:13	0° \approx	
	-825 Oct 07 j 15:02	0° \mathfrak{M}		desc. node	-822 Mar 16 j 17:19	4° \approx 00'01	
	-825 Oct 31 j 19:52	0° \mathfrak{X}			-822 Apr 08 j 13:21	0° \mathfrak{H}	
	-825 Nov 25 j 04:57	0° \mathfrak{Z}			-822 May 04 j 05:38	0° \mathfrak{Y}	
	-825 Dec 19 j 23:12	0° \approx			-822 May 29 j 11:13	0° \mathfrak{B}	
	-824 Jan 14 j 13:39	0° \mathfrak{H}			-822 Jun 23 j 08:11	0° \mathfrak{I}	
asc. node	-824 Jan 21 j 00:25	7° \mathfrak{H} 17'33		asc. node	-822 Jul 07 j 19:46	17° \mathfrak{I} 39'23	
	-824 Feb 11 j 04:28	0° \mathfrak{Y}			-822 Jul 17 j 21:05	0° \mathfrak{D}	
evening max el	-824 Feb 15 j 08:45	4° \mathfrak{Y} 11'08	45°57'34	morning set	-822 Aug 07 j 14:49	25° \mathfrak{D} 39'01	
	-824 Mar 18 j 07:38	0° \mathfrak{B}			-822 Aug 11 j 02:45	0° \mathcal{Q}	
greatest brilliancy	-824 Mar 20 j 21:11	1° \mathfrak{B} 19'27	-4.5m		-822 Sep 04 j 03:02	0° \mathfrak{M}	
retrograde	-824 Apr 04 j 13:33	5° \mathfrak{B} 07'31		max. Earth dist.	-822 Sep 11 j 14:01	9° \mathfrak{M} 21'15	1.71528 AU
evening set	-824 Apr 20 j 08:19	0° \mathfrak{B} 19'35					
	-824 Apr 20 j 22:00	30° \mathfrak{R} \mathfrak{Y}		superior conj	-822 Sep 14 j 04:19	12° \mathfrak{M} 36'49	1°19'16
inferior conj	-824 Apr 26 j 00:42	26° \mathfrak{Y} 51'43	3°31'00	minimum elong	-822 Sep 14 j 11:01	12° \mathfrak{M} 57'49	1°19'09
minimum elong	-824 Apr 26 j 07:43	26° \mathfrak{Y} 40'39	3°29'10		-822 Sep 28 j 00:26	0° \mathfrak{A}	
min. Earth dist.	-824 Apr 26 j 08:21	26° \mathfrak{Y} 39'39	0.29054 AU		-822 Oct 21 j 21:13	0° \mathfrak{M}	
morning rise	-824 May 02 j 07:06	23° \mathfrak{Y} 03'47		evening rise	-822 Oct 24 j 06:25	2° \mathfrak{M} 59'41	
desc. node	-824 May 11 j 14:44	19° \mathfrak{Y} 14'40		desc. node	-822 Oct 27 j 10:17	6° \mathfrak{M} 57'52	
direct	-824 May 17 j 16:39	18° \mathfrak{Y} 31'09			-822 Nov 14 j 18:54	0° \mathfrak{X}	
greatest brilliancy	-824 May 31 j 02:48	21° \mathfrak{Y} 39'32	-4.5m		-822 Dec 08 j 18:32	0° \mathfrak{Z}	
	-824 Jun 14 j 02:34	0° \mathfrak{B}			-821 Jan 01 j 21:49	0° \approx	
morning max el	-824 Jul 05 j 12:31	18° \mathfrak{B} 19'06	45°51'06		-821 Jan 26 j 07:58	0° \mathfrak{H}	
	-824 Jul 17 j 06:07	0° \mathfrak{I}		asc. node	-821 Feb 17 j 12:18	26° \mathfrak{H} 43'36	
	-824 Aug 13 j 19:31	0° \mathfrak{D}			-821 Feb 20 j 06:25	0° \mathfrak{Y}	
asc. node	-824 Sep 01 j 17:19	21° \mathfrak{D} 56'36			-821 Mar 18 j 02:20	0° \mathfrak{B}	
	-824 Sep 08 j 11:55	0° \mathcal{Q}			-821 Apr 14 j 16:15	0° \mathfrak{I}	
	-824 Oct 03 j 04:53	0° \mathfrak{M}		evening max el	-821 Apr 26 j 23:42	12° \mathfrak{I} 15'33	45°15'42
	-824 Oct 27 j 09:18	0° \mathfrak{A}			-821 May 17 j 16:36	0° \mathfrak{D}	
	-824 Nov 20 j 08:14	0° \mathfrak{M}		greatest brilliancy	-821 Jun 01 j 01:32	8° \mathfrak{D} 34'54	-4.5m
	-824 Dec 14 j 06:06	0° \mathfrak{X}		desc. node	-821 Jun 09 j 02:49	11° \mathfrak{D} 09'58	
desc. node	-824 Dec 22 j 07:52	10° \mathfrak{X} 07'00		retrograde	-821 Jun 14 j 10:39	11° \mathfrak{D} 41'42	
morning set	-823 Jan 06 j 14:23	29° \mathfrak{X} 13'48		evening set	-821 Jun 30 j 01:40	7° \mathfrak{D} 02'53	
	-823 Jan 07 j 05:10	0° \mathfrak{Z}		inferior conj	-821 Jul 05 j 19:07	3° \mathfrak{D} 38'36	-5°-44'-59
	-823 Jan 31 j 06:18	0° \approx		minimum elong	-821 Jul 05 j 09:09	3° \mathfrak{D} 53'57	5°42'47
				min. Earth dist.	-821 Jul 05 j 23:51	3° \mathfrak{D} 31'17	0.28651 AU
superior conj	-823 Feb 16 j 07:42	19° \approx 57'44	-1°-25'-3	morning rise	-821 Jul 10 j 16:19	0° \mathfrak{D} 42'00	
minimum elong	-823 Feb 16 j 07:19	19° \approx 56'33	1°25'05		-821 Jul 11 j 22:14	30° \mathfrak{R} \mathfrak{I}	
max. Earth dist.	-823 Feb 20 j 03:27	24° \approx 42'14	1.72504 AU	direct	-821 Jul 27 j 09:06	25° \mathfrak{I} 25'28	
	-823 Feb 24 j 10:00	0° \mathfrak{H}		greatest brilliancy	-821 Aug 10 j 22:20	29° \mathfrak{I} 08'37	-4.5m
	-823 Mar 20 j 16:44	0° \mathfrak{Y}			-821 Aug 12 j 15:34	0° \mathfrak{D}	
evening rise	-823 Mar 26 j 23:20	7° \mathfrak{Y} 43'27		morning max el	-821 Sep 15 j 07:17	27° \mathfrak{D} 02'39	46°28'06
asc. node	-823 Apr 14 j 10:13	0° \mathfrak{B} 22'26			-821 Sep 18 j 05:51	0° \mathcal{Q}	
	-823 Apr 14 j 02:53	0° \mathfrak{B}		asc. node	-821 Sep 30 j 05:11	12° \mathcal{Q} 36'36	
	-823 May 08 j 16:44	0° \mathfrak{I}			-821 Oct 15 j 18:14	0° \mathfrak{M}	
	-823 Jun 02 j 10:46	0° \mathfrak{D}			-821 Nov 10 j 04:48	0° \mathfrak{A}	
	-823 Jun 27 j 10:30	0° \mathcal{Q}			-821 Dec 04 j 19:59	0° \mathfrak{M}	
	-823 Jul 22 j 19:23	0° \mathfrak{M}			-821 Dec 29 j 04:05	0° \mathfrak{X}	
desc. node	-823 Aug 04 j 00:19	14° \mathfrak{M} 11'18		desc. node	-820 Jan 19 j 19:41	26° \mathfrak{X} 45'47	
	-823 Aug 17 j 20:37	0° \mathfrak{A}			-820 Jan 22 j 10:32	0° \mathfrak{Z}	
	-823 Sep 14 j 08:58	0° \mathfrak{M}			-820 Feb 15 j 17:30	0° \approx	
evening max el	-823 Sep 21 j 19:40	7° \mathfrak{M} 35'21	47°12'32		-820 Mar 11 j 01:37	0° \mathfrak{H}	
	-823 Oct 17 j 03:37	0° \mathfrak{X}		morning set	-820 Mar 21 j 10:47	12° \mathfrak{H} 46'28	
greatest brilliancy	-823 Oct 30 j 19:56	8° \mathfrak{X} 00'22	-4.7m		-820 Apr 04 j 11:01	0° \mathfrak{Y}	
retrograde	-823 Nov 11 j 10:41	10° \mathfrak{X} 33'07					
asc. node	-823 Nov 25 j 02:43	6° \mathfrak{X} 48'05		superior conj	-820 Apr 27 j 12:14	28° \mathfrak{Y} 18'31	0°-33'-9
evening set	-823 Nov 25 j 19:33	6° \mathfrak{X} 25'55		minimum elong	-820 Apr 27 j 18:37	28° \mathfrak{Y} 38'05	0°32'53
min. Earth dist.	-823 Dec 01 j 11:35	3° \mathfrak{X} 07'01	0.26440 AU	max. Earth dist.	-820 Apr 27 j 14:07	28° \mathfrak{Y} 24'17	1.73642 AU
inferior conj	-823 Dec 02 j 00:42	2° \mathfrak{X} 46'54	1°46'48		-820 Apr 28 j 21:18	0° \mathfrak{B}	
minimum elong	-823 Dec 01 j 20:44	2° \mathfrak{X} 52'59	1°45'32	asc. node	-820 May 11 j 22:10	16° \mathfrak{B} 00'11	
	-823 Dec 06 j 16:25	30° \mathfrak{R} \mathfrak{M}			-820 May 23 j 07:47	0° \mathfrak{I}	
morning rise	-823 Dec 07 j 22:14	29° \mathfrak{M} 18'46		evening rise	-820 Jun 02 j 16:24	12° \mathfrak{I} 43'28	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-820 Jun 16 j 17:54	0°☿			-817 Jan 10 j 05:12	0°♊		
	-820 Jul 11 j 03:52	0°♋			-817 Feb 04 j 12:16	0°♌		
	-820 Aug 04 j 14:52	0°♍		desc. node	-817 Feb 16 j 07:30	14°♍08'46		
	-820 Aug 29 j 04:43	0°♎			-817 Mar 01 j 11:31	0°♏		
desc. node	-820 Aug 31 j 12:23	2°♎49'15			-817 Mar 26 j 07:14	0°♐		
	-820 Sep 22 j 23:43	0°♑			-817 Apr 20 j 00:44	0°♒		
	-820 Oct 18 j 04:09	0°♊			-817 May 14 j 16:03	0°♈		
	-820 Nov 13 j 05:31	0°♉		morning set	-817 May 29 j 09:21	17°♈59'41		
evening max el	-820 Dec 02 j 20:30	21°♉06'37	47°14'02		-817 Jun 08 j 04:25	0°♊		
	-820 Dec 11 j 20:17	0°♋		asc. node	-817 Jun 09 j 09:58	1°♊30'38		
asc. node	-820 Dec 22 j 14:38	9°♋37'26		max. Earth dist.	-817 Jun 30 j 21:47	27°♊58'25	1.73148 AU	
greatest brilliancy	-819 Jan 08 j 19:11	21°♋13'44	-4.6m		-817 Jul 02 j 13:11	0°♌		
retrograde	-819 Jan 22 j 19:04	24°♋50'27						
evening set	-819 Feb 09 j 12:30	18°♋40'06		superior conj	-817 Jul 04 j 13:52	2°♌30'23	0°54'48	
min. Earth dist.	-819 Feb 12 j 03:40	17°♋01'09	0.28233 AU	minimum elong	-817 Jul 04 j 05:21	2°♌04'03	0°54'30	
inferior conj	-819 Feb 12 j 20:40	16°♋34'12	8°33'51		-817 Jul 26 j 18:25	0°♍		
minimum elong	-819 Feb 12 j 19:18	16°♋36'22	8°33'50	evening rise	-817 Aug 09 j 16:14	17°♍17'22		
morning rise	-819 Feb 16 j 02:24	14°♋32'46			-817 Aug 19 j 21:18	0°♎		
direct	-819 Mar 05 j 21:15	8°♋29'07			-817 Sep 12 j 23:29	0°♏		
greatest brilliancy	-819 Mar 16 j 20:29	10°♋41'31	-4.5m	desc. node	-817 Sep 29 j 00:25	19°♏57'20		
desc. node	-819 Apr 13 j 05:05	28°♋58'05			-817 Oct 07 j 02:29	0°♑		
	-819 Apr 14 j 09:22	0°♊			-817 Oct 31 j 07:41	0°♊		
morning max el	-819 Apr 23 j 20:58	8°♊44'27	45°52'20		-817 Nov 24 j 17:19	0°♌		
	-819 May 14 j 19:25	0°♋			-817 Dec 19 j 12:29	0°♍		
	-819 Jun 11 j 00:54	0°♌			-816 Jan 14 j 04:48	0°♎		
	-819 Jul 06 j 23:09	0°♍		asc. node	-816 Jan 20 j 02:24	6°♎38'38		
	-819 Aug 01 j 02:03	0°♎			-816 Feb 11 j 00:54	0°♏		
asc. node	-819 Aug 04 j 07:29	3°♎54'35		evening max el	-816 Feb 12 j 22:51	1°♎54'21	46°00'00	
	-819 Aug 25 j 14:49	0°♏		greatest brilliancy	-816 Mar 18 j 13:05	29°♎09'59	-4.5m	
	-819 Sep 18 j 17:44	0°♐			-816 Mar 20 j 08:22	0°♐		
	-819 Oct 12 j 15:04	0°♑		retrograde	-816 Apr 02 j 06:07	2°♐59'47		
morning set	-819 Oct 18 j 21:57	7°♑55'10			-816 Apr 14 j 13:36	30°♐		
	-819 Nov 05 j 10:24	0°♒		evening set	-816 Apr 18 j 03:07	28°♐08'18		
desc. node	-819 Nov 23 j 22:07	23°♒17'30		inferior conj	-816 Apr 23 j 17:25	24°♐43'36	3°48'28	
				minimum elong	-816 Apr 24 j 00:52	24°♐31'50	3°46'33	
superior conj	-819 Nov 29 j 03:54	29°♒53'09	0°-12'-23	min. Earth dist.	-816 Apr 24 j 01:14	24°♐31'16	0.29055 AU	
minimum elong	-819 Nov 29 j 00:32	29°♒42'34	0°12'15	morning rise	-816 Apr 29 j 22:33	20°♐57'17		
behind sun begin	-819 Nov 28 j 06:28	28°♒45'46		desc. node	-816 May 10 j 16:52	16°♐48'19		
behind sun end	-819 Nov 29 j 18:35	0°♊39'22		direct	-816 May 15 j 08:30	16°♐22'50		
	-819 Nov 29 j 06:04	0°♊		greatest brilliancy	-816 May 28 j 18:48	19°♐30'57	-4.5m	
max. Earth dist.	-819 Dec 02 j 02:09	3°♊34'03	1.71084 AU		-816 Jun 14 j 15:40	0°♋		
	-819 Dec 23 j 03:20	0°♌		morning max el	-816 Jul 03 j 04:20	16°♋08'56	45°50'26	
evening rise	-818 Jan 09 j 23:00	22°♌17'50			-816 Jul 17 j 00:26	0°♍		
	-818 Jan 16 j 03:08	0°♍			-816 Aug 13 j 09:53	0°♎		
	-818 Feb 09 j 06:44	0°♎		asc. node	-816 Aug 31 j 19:30	21°♎24'17		
	-818 Mar 05 j 15:59	0°♏			-816 Sep 08 j 00:42	0°♏		
asc. node	-818 Mar 17 j 00:23	13°♏50'09			-816 Oct 02 j 16:54	0°♐		
	-818 Mar 30 j 09:10	0°♐			-816 Oct 26 j 20:55	0°♑		
	-818 Apr 24 j 13:16	0°♒			-816 Nov 19 j 19:36	0°♒		
	-818 May 20 j 09:43	0°♌			-816 Dec 13 j 17:18	0°♊		
	-818 Jun 16 j 11:43	0°♋		desc. node	-816 Dec 21 j 09:52	9°♊38'21		
desc. node	-818 Jul 06 j 14:34	20°♋34'49		morning set	-815 Jan 04 j 00:39	26°♊41'14		
evening max el	-818 Jul 07 j 21:04	21°♋48'21	45°54'03		-815 Jan 06 j 16:13	0°♌		
	-818 Jul 16 j 17:33	0°♍			-815 Jan 30 j 17:14	0°♎		
greatest brilliancy	-818 Aug 15 j 14:25	20°♍06'37	-4.6m					
retrograde	-818 Aug 26 j 00:58	22°♍04'24		superior conj	-815 Feb 13 j 21:16	17°♍37'12	-1°-24'-56	
evening set	-818 Sep 12 j 13:59	16°♍20'38		minimum elong	-815 Feb 13 j 19:58	17°♍33'10	1°24'57	
inferior conj	-818 Sep 15 j 21:23	14°♍21'14	-8°-16'-47	max. Earth dist.	-815 Feb 17 j 16:32	22°♍20'23	1.72448 AU	
minimum elong	-818 Sep 16 j 04:52	14°♍09'49	8°15'57		-815 Feb 23 j 20:50	0°♎		
min. Earth dist.	-818 Sep 16 j 15:46	13°♍53'12	0.27255 AU		-815 Mar 20 j 03:33	0°♏		
morning rise	-818 Sep 19 j 19:30	11°♍59'52		evening rise	-815 Mar 24 j 15:20	5°♏31'43		
direct	-818 Oct 06 j 17:24	6°♍31'04		asc. node	-815 Apr 13 j 12:21	29°♏55'32		
greatest brilliancy	-818 Oct 20 j 08:29	9°♍55'37	-4.7m		-815 Apr 13 j 13:49	0°♐		
asc. node	-818 Oct 27 j 16:54	14°♍05'18			-815 May 08 j 03:54	0°♑		
	-818 Nov 16 j 06:43	0°♒			-815 Jun 01 j 22:23	0°♒		
morning max el	-818 Nov 26 j 12:21	10°♒04'12	46°55'25		-815 Jun 26 j 22:51	0°♋		
	-818 Dec 15 j 01:59	0°♌			-815 Jul 22 j 08:58	0°♍		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-815 Aug 03 j 02:25	13° \mathbb{M} 35'36		desc. node	-812 Jan 18 j 21:43	26° \mathbb{X} 15'41	
	-815 Aug 17 j 12:31	0° \mathbb{L}			-812 Jan 21 j 22:17	0° \mathbb{Z}	
	-815 Sep 14 j 06:15	0° \mathbb{M}			-812 Feb 15 j 04:55	0° \approx	
evening max el	-815 Sep 19 j 08:53	5° \mathbb{M} 10'00	47°10'41		-812 Mar 10 j 12:47	0° \mathbb{X}	
	-815 Oct 18 j 06:07	0° \mathbb{X}		morning set	-812 Mar 19 j 02:47	10° \mathbb{X} 33'57	
greatest brilliancy	-815 Oct 28 j 09:42	5° \mathbb{X} 31'34	-4.7m		-812 Apr 03 j 22:00	0° \mathbb{Y}	
retrograde	-815 Nov 08 j 23:32	8° \mathbb{X} 03'15					
evening set	-815 Nov 23 j 07:42	3° \mathbb{X} 56'16		superior conj	-812 Apr 25 j 06:08	26° \mathbb{Y} 12'37	0°-36'-3
asc. node	-815 Nov 24 j 04:47	3° \mathbb{X} 27'33		minimum elong	-812 Apr 25 j 12:59	26° \mathbb{Y} 33'38	0°35'45
min. Earth dist.	-815 Nov 29 j 01:05	0° \mathbb{X} 35'45	0.26413 AU	max. Earth dist.	-812 Apr 25 j 13:30	26° \mathbb{Y} 35'15	1.73625 AU
inferior conj	-815 Nov 29 j 12:56	0° \mathbb{X} 17'38	1°22'46		-812 Apr 28 j 08:12	0° \mathbb{B}	
minimum elong	-815 Nov 29 j 09:50	0° \mathbb{X} 22'22	1°21'45	asc. node	-812 May 11 j 00:11	15° \mathbb{B} 33'00	
	-815 Nov 30 j 00:28	30° \mathbb{R} \mathbb{M}			-812 May 22 j 18:42	0° \mathbb{II}	
morning rise	-815 Dec 05 j 12:17	26° \mathbb{M} 47'40		evening rise	-812 May 31 j 11:42	10° \mathbb{II} 41'36	
direct	-815 Dec 19 j 18:57	22° \mathbb{M} 41'31			-812 Jun 16 j 04:58	0° \mathbb{S}	
greatest brilliancy	-815 Dec 31 j 04:19	25° \mathbb{M} 07'27	-4.6m		-812 Jul 10 j 15:14	0° \mathbb{Q}	
	-814 Jan 09 j 10:26	0° \mathbb{X}			-812 Aug 04 j 02:41	0° \mathbb{M}	
morning max el	-814 Feb 07 j 19:22	24° \mathbb{X} 52'45	46°32'15		-812 Aug 28 j 17:09	0° \mathbb{L}	
	-814 Feb 12 j 21:37	0° \mathbb{Z}		desc. node	-812 Aug 30 j 14:31	2° \mathbb{L} 17'47	
	-814 Mar 12 j 19:07	0° \approx			-812 Sep 22 j 13:03	0° \mathbb{M}	
desc. node	-814 Mar 15 j 19:30	3° \approx 22'41			-812 Oct 17 j 18:55	0° \mathbb{X}	
	-814 Apr 08 j 02:52	0° \mathbb{X}			-812 Nov 12 j 23:12	0° \mathbb{Z}	
	-814 May 03 j 17:57	0° \mathbb{Y}		evening max el	-812 Nov 30 j 12:00	18° \mathbb{Z} 46'38	47°15'39
	-814 May 28 j 22:51	0° \mathbb{B}			-812 Dec 11 j 23:17	0° \approx	
	-814 Jun 22 j 19:26	0° \mathbb{II}		asc. node	-812 Dec 21 j 16:39	8° \approx 28'21	
asc. node	-814 Jul 06 j 21:45	17° \mathbb{II} 11'32		greatest brilliancy	-811 Jan 06 j 13:24	18° \approx 58'15	-4.6m
	-814 Jul 17 j 08:08	0° \mathbb{S}		retrograde	-811 Jan 20 j 10:39	22° \approx 31'37	
morning set	-814 Aug 05 j 07:11	23° \mathbb{S} 26'51		evening set	-811 Feb 07 j 02:29	16° \approx 24'06	
	-814 Aug 10 j 13:42	0° \mathbb{Q}		min. Earth dist.	-811 Feb 09 j 17:50	14° \approx 44'46	0.28170 AU
	-814 Sep 03 j 13:59	0° \mathbb{M}		inferior conj	-811 Feb 10 j 11:51	14° \approx 16'10	8°32'38
max. Earth dist.	-814 Sep 09 j 01:53	6° \mathbb{M} 53'27	1.71574 AU	minimum elong	-811 Feb 10 j 09:43	14° \approx 19'34	8°32'34
				morning rise	-811 Feb 13 j 17:15	12° \approx 15'08	
superior conj	-814 Sep 11 j 18:25	10° \mathbb{M} 15'53	1°20'25	direct	-811 Mar 03 j 11:55	6° \approx 12'24	
minimum elong	-814 Sep 12 j 00:24	10° \mathbb{M} 34'40	1°20'21	greatest brilliancy	-811 Mar 14 j 08:35	8° \approx 22'15	-4.5m
	-814 Sep 27 j 11:29	0° \mathbb{L}		desc. node	-811 Apr 12 j 07:06	28° \approx 00'08	
	-814 Oct 21 j 08:25	0° \mathbb{M}			-811 Apr 14 j 12:40	0° \mathbb{X}	
evening rise	-814 Oct 21 j 16:49	0° \mathbb{M} 26'22		morning max el	-811 Apr 21 j 11:16	6° \mathbb{X} 28'32	45°53'13
desc. node	-814 Oct 26 j 12:21	6° \mathbb{M} 29'07			-811 May 14 j 12:34	0° \mathbb{Y}	
	-814 Nov 14 j 06:15	0° \mathbb{X}			-811 Jun 10 j 14:55	0° \mathbb{B}	
	-814 Dec 08 j 06:03	0° \mathbb{Z}			-811 Jul 06 j 11:46	0° \mathbb{II}	
	-813 Jan 01 j 09:32	0° \approx			-811 Jul 31 j 13:56	0° \mathbb{S}	
	-813 Jan 25 j 20:04	0° \mathbb{X}		asc. node	-811 Aug 03 j 09:43	3° \mathbb{S} 25'26	
asc. node	-813 Feb 16 j 14:29	26° \mathbb{X} 12'10			-811 Aug 25 j 02:21	0° \mathbb{Q}	
	-813 Feb 19 j 19:17	0° \mathbb{Y}			-811 Sep 18 j 05:08	0° \mathbb{M}	
	-813 Mar 17 j 16:52	0° \mathbb{B}			-811 Oct 12 j 02:25	0° \mathbb{L}	
	-813 Apr 14 j 11:07	0° \mathbb{II}		morning set	-811 Oct 16 j 09:47	5° \mathbb{L} 25'34	
evening max el	-813 Apr 24 j 16:17	10° \mathbb{II} 06'48	45°15'47		-811 Nov 04 j 21:43	0° \mathbb{M}	
	-813 May 18 j 10:19	0° \mathbb{S}		desc. node	-811 Nov 23 j 00:07	22° \mathbb{M} 48'14	
greatest brilliancy	-813 May 29 j 15:08	6° \mathbb{S} 21'56	-4.5m				
desc. node	-813 Jun 08 j 04:47	9° \mathbb{S} 13'15		superior conj	-811 Nov 26 j 13:02	27° \mathbb{M} 15'24	0°-8'-23
retrograde	-813 Jun 12 j 02:15	9° \mathbb{S} 30'16		minimum elong	-811 Nov 26 j 10:45	27° \mathbb{M} 08'12	0°08'18
evening set	-813 Jun 27 j 14:51	4° \mathbb{S} 54'47		behind sun begin	-811 Nov 25 j 11:20	25° \mathbb{M} 54'32	
inferior conj	-813 Jul 03 j 10:41	1° \mathbb{S} 26'41	-5°-29'-18	behind sun end	-811 Nov 27 j 10:10	28° \mathbb{M} 21'52	
minimum elong	-813 Jul 03 j 00:53	1° \mathbb{S} 41'48	5°27'04		-811 Nov 28 j 17:22	0° \mathbb{X}	
min. Earth dist.	-813 Jul 03 j 15:00	1° \mathbb{S} 19'59	0.28678 AU	max. Earth dist.	-811 Nov 29 j 05:39	0° \mathbb{X} 38'36	1.71058 AU
	-813 Jul 05 j 19:04	30° \mathbb{R} \mathbb{II}			-811 Dec 22 j 14:38	0° \mathbb{Z}	
morning rise	-813 Jul 08 j 10:40	28° \mathbb{II} 25'53		evening rise	-810 Jan 07 j 09:23	19° \mathbb{Z} 45'00	
direct	-813 Jul 25 j 01:33	23° \mathbb{II} 13'16			-810 Jan 15 j 14:27	0° \approx	
greatest brilliancy	-813 Aug 08 j 13:05	26° \mathbb{II} 54'31	-4.5m		-810 Feb 08 j 18:08	0° \mathbb{X}	
	-813 Aug 14 j 05:27	0° \mathbb{S}			-810 Mar 05 j 03:35	0° \mathbb{Y}	
morning max el	-813 Sep 12 j 22:33	24° \mathbb{S} 46'09	46°26'33	asc. node	-810 Mar 16 j 02:29	13° \mathbb{Y} 20'55	
	-813 Sep 18 j 02:38	0° \mathbb{Q}			-810 Mar 29 j 21:09	0° \mathbb{B}	
asc. node	-813 Sep 29 j 07:18	11° \mathbb{Q} 53'28			-810 Apr 24 j 02:02	0° \mathbb{II}	
	-813 Oct 15 j 09:50	0° \mathbb{M}			-810 May 20 j 00:01	0° \mathbb{S}	
	-813 Nov 09 j 18:28	0° \mathbb{L}			-810 Jun 16 j 05:30	0° \mathbb{Q}	
	-813 Dec 04 j 08:42	0° \mathbb{M}		evening max el	-810 Jul 05 j 09:25	19° \mathbb{Q} 25'52	45°51'31
	-813 Dec 28 j 16:13	0° \mathbb{X}		desc. node	-810 Jul 05 j 16:39	19° \mathbb{Q} 43'12	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 19

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-810 Jul 16 j 23:12	0°♈				-807 Jan 30 j 04:25	0°♊	
greatest brilliancy	-810 Aug 13 j 02:26	17°♈42'55	-4.6m					
retrograde	-810 Aug 23 j 12:55	19°♈41'07		superior conj	-807 Feb 11 j 10:12	15°♊13'46	-1°-24'-39	
evening set	-810 Sep 10 j 05:09	13°♈53'30		minimum elong	-807 Feb 11 j 07:57	15°♊06'47	1°24'40	
inferior conj	-810 Sep 13 j 10:28	11°♈57'18	-8°-24'-21	max. Earth dist.	-807 Feb 15 j 04:48	19°♊55'05	1.72391 AU	
minimum elong	-810 Sep 13 j 17:13	11°♈47'00	8°23'40		-807 Feb 23 j 07:54	0°♋		
min. Earth dist.	-810 Sep 14 j 05:10	11°♈28'47	0.27320 AU		-807 Mar 19 j 14:35	0°♋		
morning rise	-810 Sep 17 j 05:01	9°♈41'02		evening rise	-807 Mar 22 j 06:55	3°♋18'00		
direct	-810 Oct 04 j 06:39	4°♈05'47		asc. node	-807 Apr 12 j 14:19	29°♋27'32		
greatest brilliancy	-810 Oct 18 j 00:46	7°♈33'09	-4.7m		-807 Apr 13 j 00:56	0°♌		
asc. node	-810 Oct 26 j 18:58	12°♈39'48			-807 May 07 j 15:17	0°♌		
	-810 Nov 16 j 10:00	0°♌			-807 Jun 01 j 10:13	0°♌		
morning max el	-810 Nov 24 j 01:28	7°♌36'07	46°55'22		-807 Jun 26 j 11:26	0°♌		
	-810 Dec 14 j 19:53	0°♌			-807 Jul 21 j 22:50	0°♌		
	-809 Jan 09 j 20:03	0°♌		desc. node	-807 Aug 02 j 04:36	12°♌59'31		
	-809 Feb 04 j 01:36	0°♌			-807 Aug 17 j 04:46	0°♌		
desc. node	-809 Feb 15 j 09:45	13°♌36'52			-807 Sep 14 j 04:22	0°♌		
	-809 Feb 28 j 23:56	0°♌		evening max el	-807 Sep 16 j 23:06	2°♌47'17	47°08'47	
	-809 Mar 25 j 19:03	0°♌			-807 Oct 19 j 19:24	0°♌		
	-809 Apr 19 j 12:09	0°♌		greatest brilliancy	-807 Oct 25 j 23:06	3°♌02'35	-4.7m	
	-809 May 14 j 03:11	0°♌		retrograde	-807 Nov 06 j 12:41	5°♌33'16		
morning set	-809 May 27 j 03:51	15°♌55'33		evening set	-807 Nov 20 j 20:10	1°♌26'27		
	-809 Jun 07 j 15:25	0°♌		asc. node	-807 Nov 23 j 06:48	0°♌04'13		
asc. node	-809 Jun 08 j 12:01	1°♌03'13			-807 Nov 23 j 09:41	30°♌		
max. Earth dist.	-809 Jun 28 j 19:00	26°♌01'54	1.73191 AU	min. Earth dist.	-807 Nov 26 j 14:26	28°♌04'39	0.26391 AU	
				inferior conj	-807 Nov 27 j 01:11	27°♌48'14	0°58'29	
superior conj	-809 Jul 02 j 08:21	0°♌25'22	0°52'23	minimum elong	-807 Nov 26 j 22:59	27°♌51'36	0°57'46	
minimum elong	-809 Jul 01 j 23:58	29°♌59'28	0°52'04	morning rise	-807 Dec 03 j 02:10	24°♌16'39		
	-809 Jul 02 j 00:08	0°♌		direct	-807 Dec 17 j 07:42	20°♌12'32		
	-809 Jul 26 j 05:28	0°♌		greatest brilliancy	-807 Dec 28 j 17:43	22°♌39'51	-4.7m	
evening rise	-809 Aug 07 j 09:18	15°♌06'40			-806 Jan 10 j 14:53	0°♌		
	-809 Aug 19 j 08:31	0°♌		morning max el	-806 Feb 05 j 09:52	22°♌31'50	46°33'36	
	-809 Sep 12 j 10:57	0°♌			-806 Feb 12 j 18:50	0°♌		
desc. node	-809 Sep 28 j 02:28	19°♌27'22			-806 Mar 12 j 10:55	0°♌		
	-809 Oct 06 j 14:17	0°♌		desc. node	-806 Mar 14 j 21:30	2°♌44'42		
	-809 Oct 30 j 19:55	0°♌			-806 Apr 07 j 16:25	0°♌		
	-809 Nov 24 j 06:08	0°♌			-806 May 03 j 06:18	0°♌		
	-809 Dec 19 j 02:15	0°♌			-806 May 28 j 10:30	0°♌		
	-808 Jan 13 j 20:34	0°♌			-806 Jun 22 j 06:40	0°♌		
asc. node	-808 Jan 19 j 04:36	5°♌58'49		asc. node	-806 Jul 05 j 23:55	16°♌44'13		
evening max el	-808 Feb 10 j 13:27	29°♌37'44	46°02'45		-806 Jul 16 j 19:10	0°♌		
	-808 Feb 10 j 22:28	0°♌		morning set	-806 Aug 02 j 23:44	21°♌15'11		
greatest brilliancy	-808 Mar 16 j 04:12	26°♌58'37	-4.5m		-806 Aug 10 j 00:40	0°♌		
	-808 Mar 24 j 06:21	0°♌			-806 Sep 03 j 00:58	0°♌		
retrograde	-808 Mar 30 j 23:07	0°♌51'09		max. Earth dist.	-806 Sep 06 j 11:14	4°♌17'46	1.71620 AU	
	-808 Apr 06 j 11:11	30°♌						
evening set	-808 Apr 15 j 22:00	25°♌55'49		superior conj	-806 Sep 09 j 08:57	7°♌56'21	1°21'27	
inferior conj	-808 Apr 21 j 10:06	22°♌34'23	4°05'43	minimum elong	-806 Sep 09 j 14:12	8°♌12'48	1°21'22	
minimum elong	-808 Apr 21 j 17:57	22°♌21'59	4°03'43		-806 Sep 26 j 22:32	0°♌		
min. Earth dist.	-808 Apr 21 j 17:45	22°♌22'18	0.29056 AU	evening rise	-806 Oct 19 j 03:36	27°♌54'24		
morning rise	-808 Apr 27 j 13:51	18°♌50'08			-806 Oct 20 j 19:35	0°♌		
desc. node	-808 May 09 j 18:54	14°♌25'48		desc. node	-806 Oct 25 j 14:21	6°♌00'19		
direct	-808 May 13 j 00:37	14°♌13'25			-806 Nov 13 j 17:32	0°♌		
greatest brilliancy	-808 May 26 j 10:50	17°♌21'36	-4.5m		-806 Dec 07 j 17:28	0°♌		
	-808 Jun 15 j 01:47	0°♌			-806 Dec 31 j 21:12	0°♌		
morning max el	-808 Jun 30 j 21:06	14°♌00'23	45°49'50		-805 Jan 25 j 08:09	0°♌		
	-808 Jul 16 j 18:35	0°♌		asc. node	-805 Feb 15 j 16:32	25°♌40'16		
	-808 Aug 13 j 00:19	0°♌			-805 Feb 19 j 08:13	0°♌		
asc. node	-808 Aug 30 j 21:35	20°♌51'13			-805 Mar 17 j 07:35	0°♌		
	-808 Sep 07 j 13:37	0°♌			-805 Apr 14 j 06:30	0°♌		
	-808 Oct 02 j 05:05	0°♌		evening max el	-805 Apr 22 j 08:37	7°♌57'33	45°16'02	
	-808 Oct 26 j 08:41	0°♌			-805 May 19 j 10:07	0°♌		
	-808 Nov 19 j 07:09	0°♌		greatest brilliancy	-805 May 27 j 05:40	4°♌10'34	-4.5m	
	-808 Dec 13 j 04:44	0°♌		desc. node	-805 Jun 07 j 06:53	7°♌12'56		
desc. node	-808 Dec 20 j 11:58	9°♌09'19		retrograde	-805 Jun 09 j 17:27	7°♌19'39		
morning set	-807 Jan 01 j 10:29	24°♌06'24		evening set	-805 Jun 25 j 04:24	2°♌47'19		
	-807 Jan 06 j 03:32	0°♌			-805 Jun 29 j 21:51	30°♌		

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 20

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-805 Jul 01 j 02:27	29°II15'46	-5°-13'-15	max. Earth dist.	-803 Nov 26 j 06:57	27°III37'12	1.71039 AU
minimum elong	-805 Jun 30 j 16:54	29°II30'34	5°11'00		-803 Nov 28 j 04:21	0°♂	
min. Earth dist.	-805 Jul 01 j 06:43	29°II09'10	0.28703 AU		-803 Dec 22 j 01:37	0°♂	
morning rise	-805 Jul 06 j 05:07	26°II10'44		evening rise	-802 Jan 04 j 19:48	17°♂13'16	
direct	-805 Jul 22 j 17:51	21°II02'04			-802 Jan 15 j 01:26	0°≈	
greatest brilliancy	-805 Aug 06 j 03:26	24°II40'35	-4.5m		-802 Feb 08 j 05:09	0°✕	
	-805 Aug 15 j 07:43	0°♂			-802 Mar 04 j 14:46	0°♀	
morning max el	-805 Sep 10 j 13:02	22°♂28'18	46°24'59	asc. node	-802 Mar 15 j 04:30	12°♀52'35	
	-805 Sep 17 j 22:36	0°♂			-802 Mar 29 j 08:44	0°♂	
asc. node	-805 Sep 28 j 09:17	11°♂10'57			-802 Apr 23 j 14:26	0°II	
	-805 Oct 15 j 01:05	0°♂			-802 May 19 j 14:04	0°♂	
	-805 Nov 09 j 07:53	0°♂			-802 Jun 15 j 23:17	0°♂	
	-805 Dec 03 j 21:11	0°♂		evening max el	-802 Jul 02 j 22:12	17°♂05'45	45°49'08
	-805 Dec 28 j 04:07	0°♂		desc. node	-802 Jul 04 j 18:51	18°♂52'00	
desc. node	-804 Jan 17 j 23:55	25°♂46'51			-802 Jul 17 j 06:31	0°♂	
	-804 Jan 21 j 09:45	0°♂		greatest brilliancy	-802 Aug 10 j 13:29	15°♂19'52	-4.6m
	-804 Feb 14 j 16:04	0°≈		retrograde	-802 Aug 21 j 01:37	17°♂19'50	
	-804 Mar 09 j 23:44	0°✕		evening set	-802 Sep 07 j 20:12	11°♂28'33	
morning set	-804 Mar 16 j 18:43	8°✕21'47		inferior conj	-802 Sep 10 j 23:43	9°♂35'09	-8°-30'-50
	-804 Apr 03 j 08:48	0°♀		minimum elong	-802 Sep 11 j 05:44	9°♂25'59	8°30'18
				min. Earth dist.	-802 Sep 11 j 18:26	9°♂06'39	0.27385 AU
superior conj	-804 Apr 22 j 23:55	24°♀06'55	0°-38'-55	morning rise	-802 Sep 14 j 15:00	7°♂23'48	
minimum elong	-804 Apr 23 j 07:11	24°♀29'15	0°38'36	direct	-802 Oct 01 j 20:22	1°♂42'20	
max. Earth dist.	-804 Apr 23 j 11:15	24°♀41'43	1.73607 AU	greatest brilliancy	-802 Oct 15 j 17:22	5°♂12'57	-4.7m
	-804 Apr 27 j 18:55	0°♂		asc. node	-802 Oct 25 j 21:05	11°♂18'41	
asc. node	-804 May 10 j 02:16	15°♂06'32			-802 Nov 16 j 11:16	0°♂	
	-804 May 22 j 05:26	0°II		morning max el	-802 Nov 21 j 15:38	5°♂12'09	46°55'11
evening rise	-804 May 29 j 06:48	8°II39'48			-802 Dec 14 j 12:58	0°♂	
	-804 Jun 15 j 15:50	0°♂			-801 Jan 09 j 10:20	0°♂	
	-804 Jul 10 j 02:23	0°♂			-801 Feb 03 j 14:28	0°♂	
	-804 Aug 03 j 14:18	0°♂		desc. node	-801 Feb 14 j 11:41	13°♂05'19	
	-804 Aug 28 j 05:25	0°♂			-801 Feb 28 j 11:56	0°≈	
desc. node	-804 Aug 29 j 16:32	1°♂46'29			-801 Mar 25 j 06:26	0°✕	
	-804 Sep 22 j 02:15	0°♂			-801 Apr 18 j 23:07	0°♀	
	-804 Oct 17 j 09:37	0°♂			-801 May 13 j 13:53	0°♂	
	-804 Nov 12 j 16:58	0°♂		morning set	-801 May 24 j 22:37	13°♂53'31	
evening max el	-804 Nov 28 j 02:49	16°♂25'41	47°17'15		-801 Jun 07 j 02:00	0°II	
	-804 Dec 12 j 03:29	0°≈		asc. node	-801 Jun 07 j 14:12	0°II37'27	
asc. node	-804 Dec 20 j 18:51	7°≈18'56		max. Earth dist.	-801 Jun 26 j 17:16	24°II09'49	1.73236 AU
greatest brilliancy	-803 Jan 04 j 07:45	16°≈43'56	-4.6m				
retrograde	-803 Jan 18 j 01:59	20°≈14'10		superior conj	-801 Jun 30 j 02:59	28°II21'59	0°49'54
evening set	-803 Feb 04 j 16:16	14°≈10'04		minimum elong	-801 Jun 29 j 18:47	27°II56'39	0°49'36
min. Earth dist.	-803 Feb 07 j 08:31	12°≈29'23	0.28104 AU		-801 Jul 01 j 10:44	0°♂	
inferior conj	-803 Feb 08 j 03:12	11°≈59'43	8°30'31		-801 Jul 25 j 16:10	0°♂	
minimum elong	-803 Feb 08 j 00:17	12°≈04'20	8°30'23	evening rise	-801 Aug 05 j 02:34	12°♂57'41	
morning rise	-803 Feb 11 j 08:37	9°≈58'30			-801 Aug 18 j 19:24	0°♂	
direct	-803 Mar 01 j 02:11	3°≈57'08			-801 Sep 11 j 22:04	0°♂	
greatest brilliancy	-803 Mar 11 j 21:39	6°≈05'23	-4.5m	desc. node	-801 Sep 27 j 04:29	18°♂58'25	
desc. node	-803 Apr 11 j 09:11	27°≈04'48			-801 Oct 06 j 01:44	0°♂	
	-803 Apr 14 j 13:58	0°✕			-801 Oct 30 j 07:49	0°♂	
morning max el	-803 Apr 19 j 01:15	4°✕12'54	45°54'03		-801 Nov 23 j 18:39	0°♂	
	-803 May 14 j 04:59	0°♀			-801 Dec 18 j 15:48	0°≈	
	-803 Jun 10 j 04:29	0°♂			-800 Jan 13 j 12:14	0°✕	
	-803 Jul 06 j 00:00	0°II		asc. node	-800 Jan 18 j 06:40	5°✕19'13	
	-803 Jul 31 j 01:28	0°♂		evening max el	-800 Feb 08 j 05:13	27°✕24'55	46°05'33
asc. node	-803 Aug 02 j 11:47	2°♂56'51			-800 Feb 10 j 20:27	0°♀	
	-803 Aug 24 j 13:31	0°♂		greatest brilliancy	-800 Mar 13 j 20:08	24°♀49'30	-4.5m
	-803 Sep 17 j 16:09	0°♂		retrograde	-800 Mar 28 j 16:35	28°♀43'45	
	-803 Oct 11 j 13:24	0°♂		evening set	-800 Apr 13 j 17:04	23°♀44'39	
morning set	-803 Oct 13 j 21:46	2°♂57'31		inferior conj	-800 Apr 19 j 02:50	20°♀26'27	4°22'30
	-803 Nov 04 j 08:42	0°♂		minimum elong	-800 Apr 19 j 11:04	20°♀13'29	4°20'28
desc. node	-803 Nov 22 j 02:15	22°♂20'22		min. Earth dist.	-800 Apr 19 j 09:59	20°♀15'10	0.29052 AU
				morning rise	-800 Apr 25 j 05:05	16°♀44'36	
superior conj	-803 Nov 23 j 22:17	24°♂38'55	0°-4'-22	desc. node	-800 May 08 j 20:59	12°♀09'34	
minimum elong	-803 Nov 23 j 21:05	24°♂35'10	0°04'20	direct	-800 May 10 j 17:15	12°♀05'34	
behind sun begin	-803 Nov 22 j 19:02	23°♂13'11		greatest brilliancy	-800 May 24 j 01:58	15°♀12'45	-4.5m
behind sun end	-803 Nov 24 j 23:08	25°♂57'08			-800 Jun 15 j 08:33	0°♂	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 21

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-800 Jun 28 j 14:25	11°♄54'40	45°49'10			-797 Jan 24 j 20:17	0°♁	
	-800 Jul 16 j 11:52	0°♂		asc. node		-797 Feb 14 j 18:33	25°♁08'12	
	-800 Aug 12 j 14:15	0°♄				-797 Feb 18 j 21:13	0°♂	
asc. node	-800 Aug 29 j 23:34	20°♄19'00				-797 Mar 16 j 22:29	0°♄	
	-800 Sep 07 j 02:09	0°♂				-797 Apr 14 j 02:28	0°♂	
	-800 Oct 01 j 16:56	0°♂		evening max el		-797 Apr 20 j 00:12	5°♂46'22	45°16'20
	-800 Oct 25 j 20:10	0°♂				-797 May 20 j 19:28	0°♄	
	-800 Nov 18 j 18:25	0°♂		greatest brilliancy		-797 May 24 j 20:20	1°♄59'21	-4.5m
	-800 Dec 12 j 15:51	0°♂		desc. node		-797 Jun 06 j 09:04	5°♄08'21	
desc. node	-800 Dec 19 j 14:07	8°♂41'19		retrograde		-797 Jun 07 j 08:25	5°♄09'25	
morning set	-800 Dec 29 j 20:14	21°♂32'11		evening set		-797 Jun 22 j 18:08	0°♄39'50	
	-799 Jan 05 j 14:32	0°♄				-797 Jun 23 j 22:34	30°♂♂	
	-799 Jan 29 j 15:19	0°♄		inferior conj		-797 Jun 28 j 18:17	27°♂05'17	-4°-56'-43
				minimum elong		-797 Jun 28 j 09:00	27°♂19'40	4°54'29
superior conj	-799 Feb 08 j 22:53	12°♄50'16	-1°-24'-13	min. Earth dist.		-797 Jun 28 j 22:47	26°♂58'18	0.28724 AU
minimum elong	-799 Feb 08 j 19:42	12°♄40'22	1°24'13	morning rise		-797 Jul 03 j 23:32	23°♂56'09	
max. Earth dist.	-799 Feb 12 j 18:04	17°♄33'34	1.72337 AU	direct		-797 Jul 20 j 09:42	18°♂51'13	
	-799 Feb 22 j 18:44	0°♁		greatest brilliancy		-797 Aug 03 j 18:21	22°♂27'45	-4.5m
	-799 Mar 19 j 01:23	0°♂				-797 Aug 16 j 02:47	0°♄	
evening rise	-799 Mar 19 j 22:24	1°♂04'43		morning max el		-797 Sep 08 j 02:47	20°♄09'02	46°23'30
asc. node	-799 Apr 11 j 16:30	29°♂00'56				-797 Sep 17 j 17:51	0°♂	
	-799 Apr 12 j 11:49	0°♄		asc. node		-797 Sep 27 j 11:29	10°♂29'51	
	-799 May 07 j 02:23	0°♂				-797 Oct 14 j 16:03	0°♂	
	-799 May 31 j 21:45	0°♄				-797 Nov 08 j 21:13	0°♂	
	-799 Jun 25 j 23:45	0°♂				-797 Dec 03 j 09:41	0°♂	
	-799 Jul 21 j 12:31	0°♂				-797 Dec 27 j 16:05	0°♂	
desc. node	-799 Aug 01 j 06:33	12°♂23'19		desc. node		-796 Jan 17 j 01:56	25°♂17'05	
	-799 Aug 16 j 21:04	0°♂				-796 Jan 20 j 21:20	0°♄	
	-799 Sep 14 j 03:11	0°♂				-796 Feb 14 j 03:21	0°♄	
evening max el	-799 Sep 14 j 14:00	0°♂26'52	47°06'37			-796 Mar 09 j 10:47	0°♁	
	-799 Oct 22 j 04:38	0°♂		morning set		-796 Mar 14 j 10:07	6°♁07'36	
greatest brilliancy	-799 Oct 23 j 13:02	0°♂34'36	-4.7m			-796 Apr 02 j 19:42	0°♂	
retrograde	-799 Nov 04 j 01:31	3°♂03'15						
	-799 Nov 16 j 07:03	30°♂♂		superior conj		-796 Apr 20 j 17:27	22°♂00'09	0°-41'-43
evening set	-799 Nov 18 j 08:49	28°♂56'41		minimum elong		-796 Apr 21 j 01:07	22°♂23'43	0°41'25
asc. node	-799 Nov 22 j 08:59	26°♂38'38		max. Earth dist.		-796 Apr 21 j 07:29	22°♂43'15	1.73587 AU
min. Earth dist.	-799 Nov 24 j 03:48	25°♂33'37	0.26369 AU			-796 Apr 27 j 05:46	0°♄	
inferior conj	-799 Nov 24 j 13:21	25°♂19'02	0°33'58	asc. node		-796 May 09 j 04:26	14°♄39'56	
minimum elong	-799 Nov 24 j 12:03	25°♂21'00	0°33'33			-796 May 21 j 16:18	0°♂	
morning rise	-799 Nov 30 j 15:42	21°♂45'53		evening rise		-796 May 27 j 01:49	6°♂37'25	
direct	-799 Dec 14 j 20:26	17°♂43'55				-796 Jun 15 j 02:51	0°♄	
greatest brilliancy	-799 Dec 26 j 06:42	20°♂11'53	-4.7m			-796 Jul 09 j 13:41	0°♂	
	-798 Jan 11 j 11:28	0°♂				-796 Aug 03 j 02:01	0°♂	
morning max el	-798 Feb 02 j 23:35	20°♂09'20	46°34'52			-796 Aug 27 j 17:47	0°♂	
	-798 Feb 12 j 15:07	0°♄		desc. node		-796 Aug 28 j 18:38	1°♂15'17	
	-798 Mar 12 j 02:17	0°♄				-796 Sep 21 j 15:34	0°♂	
desc. node	-798 Mar 13 j 23:35	2°♄07'49				-796 Oct 17 j 00:32	0°♂	
	-798 Apr 07 j 05:41	0°♁				-796 Nov 12 j 11:19	0°♄	
	-798 May 02 j 18:26	0°♂		evening max el		-796 Nov 25 j 16:47	14°♄01'49	47°18'34
	-798 May 27 j 21:58	0°♄				-796 Dec 12 j 10:04	0°♄	
	-798 Jun 21 j 17:44	0°♂		asc. node		-796 Dec 19 j 20:54	6°♄06'09	
asc. node	-798 Jul 05 j 02:01	16°♂17'17		greatest brilliancy		-795 Jan 02 j 01:08	14°♄26'42	-4.6m
	-798 Jul 16 j 06:00	0°♄		retrograde		-795 Jan 15 j 16:53	17°♄54'54	
morning set	-798 Jul 31 j 16:37	19°♄05'17		evening set		-795 Feb 02 j 05:19	11°♄54'34	
	-798 Aug 09 j 11:26	0°♂		min. Earth dist.		-795 Feb 04 j 23:07	10°♄11'44	0.28042 AU
	-798 Sep 02 j 11:47	0°♂		inferior conj		-795 Feb 05 j 18:16	9°♄41'20	8°27'25
max. Earth dist.	-798 Sep 03 j 20:15	1°♂41'43	1.71674 AU	minimum elong		-795 Feb 05 j 14:34	9°♄47'12	8°27'13
				morning rise		-795 Feb 09 j 00:04	7°♄39'31	
superior conj	-798 Sep 06 j 23:50	5°♂38'32	1°22'18	direct		-795 Feb 26 j 15:54	1°♄39'41	
minimum elong	-798 Sep 07 j 04:18	5°♂52'33	1°22'15	greatest brilliancy		-795 Mar 09 j 11:39	3°♄47'51	-4.5m
	-798 Sep 26 j 09:29	0°♂		desc. node		-795 Apr 10 j 11:22	26°♄09'48	
evening rise	-798 Oct 16 j 14:23	25°♄22'45				-795 Apr 14 j 14:29	0°♁	
	-798 Oct 20 j 06:42	0°♂		morning max el		-795 Apr 16 j 15:10	1°♁55'54	45°55'03
desc. node	-798 Oct 24 j 16:32	5°♂32'14				-795 May 13 j 21:26	0°♂	
	-798 Nov 13 j 04:48	0°♂				-795 Jun 09 j 18:13	0°♄	
	-798 Dec 07 j 04:54	0°♄				-795 Jul 05 j 12:26	0°♂	
	-798 Dec 31 j 08:52	0°♄				-795 Jul 30 j 13:13	0°♄	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-795 Aug 01 j 13:46	2°♄27'20		asc. node	-792 Jan 17 j 08:41	4°♄38'23	
	-795 Aug 24 j 00:55	0°♌		evening max el	-792 Feb 05 j 21:30	25°♄12'32	46°08'09
	-795 Sep 17 j 03:23	0°♍			-792 Feb 10 j 19:41	0°♍	
morning set	-795 Oct 11 j 10:20	0°♎30'47		greatest brilliancy	-792 Mar 11 j 12:58	22°♍40'22	-4.5m
	-795 Oct 11 j 00:34	0°♎		retrograde	-792 Mar 26 j 09:52	26°♍34'43	
	-795 Nov 03 j 19:51	0°♏		evening set	-792 Apr 11 j 12:09	21°♍32'01	
				inferior conj	-792 Apr 16 j 19:29	18°♍16'58	4°38'57
superior conj	-795 Nov 21 j 07:53	22°♏03'00	0°00'-20	minimum elong	-792 Apr 17 j 04:02	18°♍03'29	4°36'54
minimum elong	-795 Nov 21 j 07:47	22°♏02'41	0°00'22	min. Earth dist.	-792 Apr 17 j 01:58	18°♍06'44	0.29051 AU
behind sun begin	-795 Nov 20 j 05:06	20°♏38'41		morning rise	-792 Apr 22 j 20:03	14°♍37'36	
behind sun end	-795 Nov 22 j 10:28	23°♏26'40		desc. node	-792 May 07 j 23:07	9°♍56'31	
desc. node	-795 Nov 21 j 04:22	21°♏51'56		direct	-792 May 08 j 10:09	9°♍56'16	
max. Earth dist.	-795 Nov 23 j 10:56	24°♏43'38	1.71026 AU	greatest brilliancy	-792 May 21 j 16:13	13°♍01'17	-4.5m
	-795 Nov 27 j 15:31	0°♐			-792 Jun 15 j 13:52	0°♐	
	-795 Dec 21 j 12:48	0°♑		morning max el	-792 Jun 26 j 07:24	9°♐46'48	45°48'28
evening rise	-794 Jan 02 j 06:15	14°♑40'51			-792 Jul 16 j 05:18	0°♑	
	-794 Jan 14 j 12:41	0°♒			-792 Aug 12 j 04:28	0°♒	
	-794 Feb 07 j 16:31	0°♓		asc. node	-792 Aug 29 j 01:48	19°♒46'30	
	-794 Mar 04 j 02:19	0°♑			-792 Sep 06 j 15:00	0°♑	
asc. node	-794 Mar 14 j 06:39	12°♑23'33			-792 Oct 01 j 05:06	0°♒	
	-794 Mar 28 j 20:44	0°♒			-792 Oct 25 j 07:58	0°♎	
	-794 Apr 23 j 03:19	0°♑			-792 Nov 18 j 06:00	0°♏	
	-794 May 19 j 04:42	0°♒			-792 Dec 12 j 03:17	0°♐	
	-794 Jun 15 j 17:57	0°♑		desc. node	-792 Dec 18 j 16:06	8°♐11'53	
evening max el	-794 Jun 30 j 11:40	14°♑46'22	45°46'52	morning set	-792 Dec 27 j 06:19	18°♐58'03	
desc. node	-794 Jul 03 j 20:49	17°♑58'10			-791 Jan 05 j 01:49	0°♑	
	-794 Jul 17 j 17:07	0°♒			-791 Jan 29 j 02:27	0°♒	
greatest brilliancy	-794 Aug 07 j 23:36	12°♒55'00	-4.6m				
retrograde	-794 Aug 18 j 14:49	14°♒57'38		superior conj	-791 Feb 06 j 11:47	10°♒26'37	-1°-23'-37
evening set	-794 Sep 05 j 10:55	9°♒03'06		minimum elong	-791 Feb 06 j 07:42	10°♒13'53	1°23'37
inferior conj	-794 Sep 08 j 12:56	7°♒12'01	-8°-36'-24	max. Earth dist.	-791 Feb 10 j 10:27	15°♒20'53	1.72281 AU
minimum elong	-794 Sep 08 j 18:10	7°♒04'04	8°36'01		-791 Feb 22 j 05:47	0°♓	
min. Earth dist.	-794 Sep 09 j 07:16	6°♒44'09	0.27446 AU	evening rise	-791 Mar 17 j 14:03	28°♓51'03	
morning rise	-794 Sep 12 j 01:09	5°♒05'22			-791 Mar 18 j 12:26	0°♑	
	-794 Sep 23 j 14:45	30°♒♌		asc. node	-791 Apr 10 j 18:37	28°♑33'13	
direct	-794 Sep 29 j 10:35	29°♌18'09			-791 Apr 11 j 22:59	0°♒	
	-794 Oct 05 j 10:04	0°♒			-791 May 06 j 13:50	0°♑	
greatest brilliancy	-794 Oct 13 j 09:23	2°♒51'23	-4.7m		-791 May 31 j 09:41	0°♒	
asc. node	-794 Oct 24 j 23:12	9°♒59'27			-791 Jun 25 j 12:30	0°♑	
	-794 Nov 16 j 11:35	0°♎			-791 Jul 21 j 02:43	0°♒	
morning max el	-794 Nov 19 j 06:25	2°♎49'17	46°55'05	desc. node	-791 Jul 31 j 08:40	11°♒46'14	
	-794 Dec 14 j 05:55	0°♏			-791 Aug 16 j 14:03	0°♎	
	-793 Jan 09 j 00:41	0°♐		evening max el	-791 Sep 12 j 04:18	28°♎03'55	47°04'20
	-793 Feb 03 j 03:30	0°♑			-791 Sep 14 j 03:27	0°♏	
desc. node	-793 Feb 13 j 13:47	12°♑33'33		greatest brilliancy	-791 Oct 21 j 03:44	28°♏06'27	-4.7m
	-793 Feb 28 j 00:11	0°♒			-791 Oct 27 j 08:34	0°♐	
	-793 Mar 24 j 18:09	0°♓		retrograde	-791 Nov 01 j 13:44	0°♐31'55	
	-793 Apr 18 j 10:27	0°♑			-791 Nov 06 j 15:45	30°♒♏	
	-793 May 13 j 00:58	0°♒		evening set	-791 Nov 15 j 21:39	26°♏25'31	
morning set	-793 May 22 j 17:03	11°♒49'17		asc. node	-791 Nov 21 j 11:03	23°♏10'44	
asc. node	-793 Jun 06 j 16:14	0°♑10'02		min. Earth dist.	-791 Nov 21 j 17:26	23°♏00'58	0.26349 AU
	-793 Jun 06 j 12:58	0°♑		inferior conj	-791 Nov 22 j 01:26	22°♏48'45	0°09'21
max. Earth dist.	-793 Jun 24 j 15:34	22°♑16'45	1.73276 AU	minimum elong	-791 Nov 22 j 01:05	22°♏49'17	0°09'13
				transit middle	-791 Nov 22 j 01:05	22°♏49'17	0°09'13
superior conj	-793 Jun 27 j 21:17	26°♑16'29	0°47'20	transit begin	-791 Nov 21 j 21:41	22°♏54'29	
minimum elong	-793 Jun 27 j 13:19	25°♑51'53	0°47'02	transit end	-791 Nov 22 j 04:29	22°♏44'06	
	-793 Jun 30 j 21:42	0°♒		morning rise	-791 Nov 28 j 04:54	19°♏14'02	
	-793 Jul 25 j 03:15	0°♑		direct	-791 Dec 12 j 08:48	15°♏14'07	
evening rise	-793 Aug 02 j 19:43	10°♑47'15		greatest brilliancy	-791 Dec 23 j 20:09	17°♏43'08	-4.7m
	-793 Aug 18 j 06:40	0°♒			-790 Jan 12 j 03:15	0°♐	
	-793 Sep 11 j 09:36	0°♎		morning max el	-790 Jan 31 j 12:20	17°♐43'26	46°36'21
desc. node	-793 Sep 26 j 06:40	18°♎28'44			-790 Feb 12 j 11:02	0°♑	
	-793 Oct 05 j 13:35	0°♏			-790 Mar 11 j 17:37	0°♒	
	-793 Oct 29 j 20:04	0°♐		desc. node	-790 Mar 13 j 01:46	1°♒31'05	
	-793 Nov 23 j 07:30	0°♑			-790 Apr 06 j 19:00	0°♓	
	-793 Dec 18 j 05:40	0°♒			-790 May 02 j 06:41	0°♑	
	-792 Jan 13 j 04:22	0°♓			-790 May 27 j 09:36	0°♒	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 23

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-790 Jun 21 j 05:02	0°♊		asc. node	-788 Dec 18 j 22:56	4°≈51'06	
asc. node	-790 Jul 04 j 04:02	15°♊49'16		greatest brilliancy	-788 Dec 30 j 17:28	12°≈07'45	-4.6m
	-790 Jul 15 j 17:07	0°♊		retrograde	-787 Jan 13 j 07:59	15°≈35'24	
morning set	-790 Jul 29 j 09:23	16°♊54'12		evening set	-787 Jan 30 j 18:00	9°≈38'52	
	-790 Aug 08 j 22:28	0°♊		min. Earth dist.	-787 Feb 02 j 13:24	7°≈53'53	0.27978 AU
max. Earth dist.	-790 Sep 01 j 06:20	29°♊08'16	1.71729 AU	inferior conj	-787 Feb 03 j 09:13	7°≈22'30	8°23'33
	-790 Sep 01 j 22:51	0°♊		minimum elong	-787 Feb 03 j 04:46	7°≈29'34	8°23'14
				morning rise	-787 Feb 06 j 15:47	5°≈19'44	
superior conj	-790 Sep 04 j 14:42	3°♊19'58	1°23'01		-787 Feb 18 j 14:53	30°♊	
minimum elong	-790 Sep 04 j 18:23	3°♊31'31	1°22'59	direct	-787 Feb 24 j 05:33	29°♊21'40	
	-790 Sep 25 j 20:41	0°♊			-787 Mar 02 j 00:37	0°≈	
evening rise	-790 Oct 14 j 01:12	22°♊50'31		greatest brilliancy	-787 Mar 07 j 01:54	1°≈30'24	-4.5m
	-790 Oct 19 j 18:02	0°♊		desc. node	-787 Apr 09 j 13:22	25°≈15'41	
desc. node	-790 Oct 23 j 18:35	5°♊02'59		morning max el	-787 Apr 14 j 05:56	29°≈40'59	45°56'16
	-790 Nov 12 j 16:18	0°♊			-787 Apr 14 j 13:50	0°♊	
	-790 Dec 06 j 16:34	0°♊			-787 May 13 j 13:30	0°♊	
	-790 Dec 30 j 20:47	0°≈			-787 Jun 09 j 07:40	0°♊	
	-789 Jan 24 j 08:38	0°♊			-787 Jul 05 j 00:39	0°♊	
asc. node	-789 Feb 13 j 20:46	24°♊36'08			-787 Jul 30 j 00:47	0°♊	
	-789 Feb 18 j 10:27	0°♊		asc. node	-787 Jul 31 j 16:00	1°♊59'04	
	-789 Mar 16 j 13:39	0°♊			-787 Aug 23 j 12:12	0°♊	
	-789 Apr 13 j 23:08	0°♊		greatest brilliancy	-787 Sep 03 j 13:33	13°♊43'02	-3.9m
evening max el	-789 Apr 17 j 14:59	3°♊33'11	45°16'44		-787 Sep 16 j 14:33	0°♊	
greatest brilliancy	-789 May 22 j 10:08	29°♊47'09	-4.5m	morning set	-787 Oct 08 j 22:47	28°♊03'50	
	-789 May 22 j 21:51	0°♊			-787 Oct 10 j 11:41	0°♊	
retrograde	-789 Jun 04 j 23:42	2°♊59'38			-787 Nov 03 j 06:59	0°♊	
desc. node	-789 Jun 05 j 11:01	2°♊59'22					
	-789 Jun 17 j 10:51	30°♊		superior conj	-787 Nov 18 j 17:06	19°♊25'50	0°03'43
evening set	-789 Jun 20 j 08:09	28°♊32'07		minimum elong	-787 Nov 18 j 18:05	19°♊28'58	0°03'40
inferior conj	-789 Jun 26 j 10:18	24°♊54'59	-4°-39'-52	behind sun begin	-787 Nov 17 j 15:51	18°♊06'20	
minimum elong	-789 Jun 26 j 01:20	25°♊08'53	4°37'39	behind sun end	-787 Nov 19 j 20:20	20°♊51'34	
min. Earth dist.	-789 Jun 26 j 15:08	24°♊47'29	0.28751 AU	desc. node	-787 Nov 20 j 06:22	21°♊23'11	
morning rise	-789 Jul 01 j 18:05	21°♊42'00		max. Earth dist.	-787 Nov 20 j 16:27	21°♊54'53	1.71015 AU
direct	-789 Jul 18 j 01:27	16°♊40'18			-787 Nov 27 j 02:39	0°♊	
greatest brilliancy	-789 Aug 01 j 10:51	20°♊16'45	-4.5m		-787 Dec 20 j 23:57	0°♊	
	-789 Aug 16 j 17:13	0°♊		evening rise	-787 Dec 30 j 16:21	12°♊07'32	
morning max el	-789 Sep 05 j 16:56	17°♊50'19	46°22'01		-786 Jan 13 j 23:52	0°≈	
	-789 Sep 17 j 12:50	0°♊			-786 Feb 07 j 03:46	0°♊	
asc. node	-789 Sep 26 j 13:35	9°♊48'20			-786 Mar 03 j 13:47	0°♊	
	-789 Oct 14 j 07:03	0°♊		asc. node	-786 Mar 13 j 08:45	11°♊54'42	
	-789 Nov 08 j 10:37	0°♊			-786 Mar 28 j 08:38	0°♊	
	-789 Dec 02 j 22:14	0°♊			-786 Apr 22 j 16:05	0°♊	
	-789 Dec 27 j 04:07	0°♊			-786 May 18 j 19:15	0°♊	
desc. node	-788 Jan 16 j 03:59	24°♊47'12			-786 Jun 15 j 12:45	0°♊	
	-788 Jan 20 j 08:59	0°♊		evening max el	-786 Jun 28 j 02:07	12°♊30'36	45°44'43
	-788 Feb 13 j 14:43	0°≈		desc. node	-786 Jul 02 j 22:56	17°♊04'46	
	-788 Mar 08 j 21:55	0°♊			-786 Jul 18 j 06:34	0°♊	
morning set	-788 Mar 12 j 01:35	3°♊53'14		greatest brilliancy	-786 Aug 05 j 09:25	10°♊31'34	-4.5m
	-788 Apr 02 j 06:39	0°♊		retrograde	-786 Aug 16 j 04:20	12°♊37'03	
				evening set	-786 Sep 03 j 01:31	6°♊39'59	
superior conj	-788 Apr 18 j 11:16	19°♊54'13	0°-44'-28	inferior conj	-786 Sep 06 j 02:22	4°♊50'28	-8°-40'-57
minimum elong	-788 Apr 18 j 19:19	20°♊18'56	0°44'08	minimum elong	-786 Sep 06 j 06:46	4°♊43'46	8°40'41
max. Earth dist.	-788 Apr 19 j 03:16	20°♊43'18	1.73562 AU	min. Earth dist.	-786 Sep 06 j 19:50	4°♊23'54	0.27511 AU
	-788 Apr 26 j 16:36	0°♊		morning rise	-786 Sep 09 j 11:49	2°♊47'56	
asc. node	-788 May 08 j 06:27	14°♊12'53			-786 Sep 14 j 16:31	30°♊	
	-788 May 21 j 03:09	0°♊		direct	-786 Sep 27 j 01:28	26°♊55'44	
evening rise	-788 May 24 j 21:11	4°♊36'10			-786 Oct 09 j 22:46	0°♊	
	-788 Jun 14 j 13:52	0°♊		greatest brilliancy	-786 Oct 11 j 00:47	0°♊30'11	-4.6m
	-788 Jul 09 j 01:01	0°♊		asc. node	-786 Oct 24 j 01:15	8°♊43'17	
	-788 Aug 02 j 13:51	0°♊			-786 Nov 16 j 10:40	0°♊	
	-788 Aug 27 j 06:18	0°♊		morning max el	-786 Nov 16 j 21:30	0°♊27'40	46°54'36
desc. node	-788 Aug 27 j 20:46	0°♊43'46			-786 Dec 13 j 22:30	0°♊	
	-788 Sep 21 j 05:05	0°♊			-785 Jan 08 j 14:50	0°♊	
	-788 Oct 16 j 15:45	0°♊			-785 Feb 02 j 16:21	0°♊	
	-788 Nov 12 j 06:13	0°♊		desc. node	-785 Feb 12 j 15:59	12°♊02'35	
evening max el	-788 Nov 23 j 06:38	11°♊37'28	47°19'57		-785 Feb 27 j 12:13	0°≈	
	-788 Dec 12 j 19:14	0°≈			-785 Mar 24 j 05:38	0°♊	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 24

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-785 Apr 17 j 21:33	0°♄		inferior conj	-783 Nov 19 j 13:45	20°♌20'36	0°-15'-8
	-785 May 12 j 11:49	0°♅		minimum elong	-783 Nov 19 j 14:19	20°♌19'43	0°14'59
morning set	-785 May 20 j 11:39	9°♅46'20		transit middle	-783 Nov 19 j 14:19	20°♌19'43	0°14'59
asc. node	-785 Jun 05 j 18:19	29°♅43'32		transit begin	-783 Nov 19 j 12:29	20°♌22'32	
	-785 Jun 05 j 23:40	0°♆		transit end	-783 Nov 19 j 16:10	20°♌16'54	
max. Earth dist.	-785 Jun 22 j 13:06	20°♆22'13	1.73309 AU	min. Earth dist.	-783 Nov 19 j 07:32	20°♌30'06	0.26338 AU
				asc. node	-783 Nov 20 j 13:05	19°♌44'58	
superior conj	-785 Jun 25 j 15:56	24°♆12'56	0°44'44	morning rise	-783 Nov 25 j 18:04	16°♌44'28	
minimum elong	-785 Jun 25 j 08:14	23°♆14'12	0°44'25	direct	-783 Dec 09 j 20:55	12°♌46'10	
	-785 Jun 30 j 08:24	0°♇		greatest brilliancy	-783 Dec 21 j 10:43	15°♌17'14	-4.7m
	-785 Jul 24 j 14:01	0°♈			-782 Jan 12 j 14:31	0°♏	
evening rise	-785 Jul 31 j 13:21	8°♈39'21		morning max el	-782 Jan 29 j 00:23	15°♏16'28	46°37'32
	-785 Aug 17 j 17:36	0°♉			-782 Feb 12 j 06:04	0°♐	
	-785 Sep 10 j 20:48	0°♊			-782 Mar 11 j 08:32	0°♑	
desc. node	-785 Sep 25 j 08:43	17°♊59'37		desc. node	-782 Mar 12 j 03:45	0°♑54'40	
	-785 Oct 05 j 01:11	0°♋			-782 Apr 06 j 08:03	0°♒	
	-785 Oct 29 j 08:09	0°♌			-782 May 01 j 18:41	0°♓	
	-785 Nov 22 j 20:14	0°♍			-782 May 26 j 20:58	0°♎	
	-785 Dec 17 j 19:31	0°♎			-782 Jun 20 j 16:01	0°♏	
	-784 Jan 12 j 20:40	0°♏		asc. node	-782 Jul 03 j 06:13	15°♏22'42	
asc. node	-784 Jan 16 j 10:54	3°♏58'03			-782 Jul 15 j 03:54	0°♐	
evening max el	-784 Feb 03 j 13:44	23°♏00'07	46°10'51	morning set	-782 Jul 27 j 02:03	14°♐43'52	
	-784 Feb 10 j 19:51	0°♑			-782 Aug 08 j 09:12	0°♑	
greatest brilliancy	-784 Mar 09 j 06:58	20°♑33'05	-4.5m	max. Earth dist.	-782 Aug 29 j 18:39	26°♑42'49	1.71783 AU
retrograde	-784 Mar 24 j 02:45	24°♑25'50			-782 Sep 01 j 09:38	0°♒	
evening set	-784 Apr 09 j 07:15	19°♑19'44					
inferior conj	-784 Apr 14 j 12:03	16°♑07'53	4°55'08	superior conj	-782 Sep 02 j 05:47	1°♒03'05	1°23'36
minimum elong	-784 Apr 14 j 20:52	15°♑53'58	4°53'05	minimum elong	-782 Sep 02 j 08:41	1°♒12'12	1°23'35
min. Earth dist.	-784 Apr 14 j 17:54	15°♑58'38	0.29041 AU		-782 Sep 25 j 07:33	0°♓	
morning rise	-784 Apr 20 j 10:41	12°♑31'05		evening rise	-782 Oct 11 j 12:31	20°♓21'02	
direct	-784 May 06 j 03:01	7°♑47'35			-782 Oct 19 j 05:01	0°♔	
desc. node	-784 May 07 j 01:08	7°♑48'34		desc. node	-782 Oct 22 j 20:37	4°♔34'49	
greatest brilliancy	-784 May 19 j 05:34	10°♑49'17	-4.5m		-782 Nov 12 j 03:24	0°♕	
	-784 Jun 15 j 17:01	0°♒			-782 Dec 06 j 03:51	0°♖	
morning max el	-784 Jun 23 j 23:33	7°♒37'51	45°47'55		-782 Dec 30 j 08:21	0°♗	
	-784 Jul 15 j 22:00	0°♓			-781 Jan 23 j 20:43	0°♘	
	-784 Aug 11 j 18:09	0°♔		asc. node	-781 Feb 12 j 22:47	24°♘04'16	
asc. node	-784 Aug 28 j 03:50	19°♔14'50			-781 Feb 17 j 23:30	0°♙	
	-784 Sep 06 j 03:22	0°♕			-781 Mar 16 j 04:49	0°♚	
	-784 Sep 30 j 16:48	0°♖			-781 Apr 13 j 20:22	0°♛	
	-784 Oct 24 j 19:20	0°♗		evening max el	-781 Apr 15 j 05:26	1°♛19'37	45°17'17
	-784 Nov 17 j 17:13	0°♘		greatest brilliancy	-781 May 19 j 23:00	27°♛34'02	-4.5m
	-784 Dec 11 j 14:23	0°♙			-781 May 26 j 22:03	0°♜	
desc. node	-784 Dec 17 j 18:15	7°♙43'55		retrograde	-781 Jun 02 j 15:17	0°♝50'07	
morning set	-784 Dec 24 j 16:05	16°♙23'45		desc. node	-781 Jun 04 j 13:09	0°♞45'51	
	-783 Jan 04 j 12:50	0°♚			-781 Jun 09 j 03:57	30°♞II	
	-783 Jan 28 j 13:22	0°♛		evening set	-781 Jun 17 j 22:11	26°♞24'13	
				inferior conj	-781 Jun 24 j 02:08	22°♞44'50	-4°-22'-36
superior conj	-783 Feb 04 j 00:01	8°♛01'27	-1°-22'-52	minimum elong	-781 Jun 23 j 17:33	22°♞58'09	4°20'25
minimum elong	-783 Feb 03 j 19:01	7°♛45'51	1°22'49	min. Earth dist.	-781 Jun 24 j 07:11	22°♞37'01	0.28775 AU
max. Earth dist.	-783 Feb 08 j 02:17	13°♛07'06	1.72225 AU	morning rise	-781 Jun 29 j 12:26	19°♞28'18	
	-783 Feb 21 j 16:37	0°♜		direct	-781 Jul 15 j 17:00	14°♞29'29	
evening rise	-783 Mar 15 j 04:57	26°♜35'42		greatest brilliancy	-781 Jul 30 j 03:59	18°♞07'12	-4.5m
	-783 Mar 17 j 23:16	0°♙			-781 Aug 17 j 03:42	0°♟	
asc. node	-783 Apr 09 j 20:37	28°♙05'55		morning max el	-781 Sep 03 j 07:43	15°♟34'03	46°20'37
	-783 Apr 11 j 09:55	0°♚			-781 Sep 17 j 07:03	0°♠	
	-783 May 06 j 01:01	0°♛		asc. node	-781 Sep 25 j 15:35	9°♠07'52	
	-783 May 30 j 21:21	0°♜			-781 Oct 13 j 21:35	0°♡	
	-783 Jun 25 j 01:01	0°♝			-781 Nov 07 j 23:37	0°♢	
	-783 Jul 20 j 16:41	0°♞			-781 Dec 02 j 10:25	0°♣	
desc. node	-783 Jul 30 j 10:51	11°♞10'12			-781 Dec 26 j 15:46	0°♤	
	-783 Aug 16 j 06:55	0°♟		desc. node	-780 Jan 15 j 06:10	24°♤18'50	
evening max el	-783 Sep 09 j 17:41	25°♟40'17	47°02'06		-780 Jan 19 j 20:16	0°♥	
	-783 Sep 14 j 04:15	0°♠			-780 Feb 13 j 01:44	0°♦	
greatest brilliancy	-783 Oct 18 j 18:58	25°♠40'52	-4.7m		-780 Mar 08 j 08:45	0°♧	
retrograde	-783 Oct 30 j 01:34	28°♠02'46		morning set	-780 Mar 09 j 16:47	1°♧38'48	
evening set	-783 Nov 13 j 10:50	23°♠56'03			-780 Apr 01 j 17:22	0°♨	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-780 Apr 16 j 04:43	17°Υ47'39	0°-47'-11	inferior conj	-778 Sep 03 j 15:43	2°η28'34	-8°-44'-39
minimum elong	-780 Apr 16 j 13:06	18°Υ13'23	0°46'50	minimum elong	-778 Sep 03 j 19:16	2°η23'09	8°44'29
max. Earth dist.	-780 Apr 16 j 22:14	18°Υ41'27	1.73543 AU	min. Earth dist.	-778 Sep 04 j 08:23	2°η03'10	0.27571 AU
	-780 Apr 26 j 03:15	0°Ϡ		morning rise	-778 Sep 06 j 22:41	0°η29'33	
asc. node	-780 May 07 j 08:33	13°Ϡ46'34			-778 Sep 07 j 18:56	30°Ϡ	
	-780 May 20 j 13:51	0°Π		direct	-778 Sep 24 j 16:10	24°Ω33'11	
evening rise	-780 May 22 j 16:05	2°Π34'04		greatest brilliancy	-778 Oct 08 j 14:55	28°Ω07'06	-4.6m
	-780 Jun 14 j 00:44	0°Ϡ			-778 Oct 12 j 04:48	0°η	
	-780 Jul 08 j 12:13	0°Ω		asc. node	-778 Oct 23 j 03:23	7°η29'22	
	-780 Aug 02 j 01:32	0°η		morning max el	-778 Nov 14 j 11:47	28°η03'55	46°54'04
desc. node	-780 Aug 26 j 22:45	0°Δ12'16			-778 Nov 16 j 08:54	0°Δ	
	-780 Aug 26 j 18:41	0°Δ			-778 Dec 13 j 14:48	0°ℳ	
	-780 Sep 20 j 18:31	0°ℳ			-777 Jan 08 j 04:51	0°Ϡ	
	-780 Oct 16 j 06:59	0°Ϡ			-777 Feb 02 j 05:10	0°Ϡ	
	-780 Nov 12 j 01:22	0°Ϡ		desc. node	-777 Feb 11 j 17:55	11°Ϡ30'50	
evening max el	-780 Nov 20 j 21:18	9°Ϡ15'55	47°21'24		-777 Feb 27 j 00:15	0°≈	
	-780 Dec 13 j 07:07	0°≈			-777 Mar 23 j 17:06	0°Ϡ	
asc. node	-780 Dec 18 j 01:09	3°≈35'01			-777 Apr 17 j 08:37	0°Υ	
greatest brilliancy	-780 Dec 28 j 09:15	9°≈48'52	-4.7m		-777 May 11 j 22:40	0°Ϡ	
retrograde	-779 Jan 10 j 23:39	13°≈16'46		morning set	-777 May 18 j 06:24	7°Ϡ43'49	
evening set	-779 Jan 28 j 06:26	7°≈24'14		asc. node	-777 Jun 04 j 20:28	29°Ϡ17'05	
min. Earth dist.	-779 Jan 31 j 03:21	5°≈37'17	0.27912 AU		-777 Jun 05 j 10:27	0°Π	
inferior conj	-779 Feb 01 j 00:11	5°≈04'24	8°18'47	max. Earth dist.	-777 Jun 20 j 09:25	18°Π23'45	1.73347 AU
minimum elong	-779 Jan 31 j 19:01	5°≈12'34	8°18'21				
morning rise	-779 Feb 04 j 07:52	3°≈00'16		superior conj	-777 Jun 23 j 10:36	22°Π09'15	0°42'04
	-779 Feb 09 j 19:22	30°Ϡ		minimum elong	-777 Jun 23 j 03:13	21°Π46'31	0°41'46
direct	-779 Feb 21 j 19:37	27°Ϡ04'29			-777 Jun 29 j 19:12	0°Ϡ	
greatest brilliancy	-779 Mar 04 j 15:23	29°Ϡ13'07	-4.5m		-777 Jul 24 j 00:57	0°Ω	
	-779 Mar 06 j 13:49	0°≈		evening rise	-777 Jul 29 j 06:53	6°Ω30'39	
desc. node	-779 Apr 08 j 15:28	24°≈23'39			-777 Aug 17 j 04:44	0°η	
morning max el	-779 Apr 11 j 21:25	27°≈28'32	45°57'16		-777 Sep 10 j 08:14	0°Δ	
	-779 Apr 14 j 11:56	0°Ϡ		desc. node	-777 Sep 24 j 10:44	17°Δ29'47	
	-779 May 13 j 05:07	0°Υ			-777 Oct 04 j 12:58	0°ℳ	
	-779 Jun 08 j 20:56	0°Ϡ			-777 Oct 28 j 20:25	0°Ϡ	
	-779 Jul 04 j 12:45	0°Π			-777 Nov 22 j 09:11	0°Ϡ	
	-779 Jul 29 j 12:17	0°Ϡ			-777 Dec 17 j 09:39	0°≈	
asc. node	-779 Jul 30 j 18:03	1°Ϡ30'25			-776 Jan 12 j 13:23	0°Ϡ	
	-779 Aug 22 j 23:23	0°Ω		asc. node	-776 Jan 15 j 12:55	3°Ϡ16'22	
greatest brilliancy	-779 Sep 06 j 23:32	18°Ω38'36	-3.9m	evening max el	-776 Feb 01 j 05:26	20°Ϡ45'51	46°13'35
	-779 Sep 16 j 01:36	0°η			-776 Feb 10 j 21:23	0°Υ	
morning set	-779 Oct 06 j 11:17	25°η37'25		greatest brilliancy	-776 Mar 07 j 01:43	18°Υ26'25	-4.5m
	-779 Oct 09 j 22:42	0°Δ		retrograde	-776 Mar 21 j 19:26	22°Υ16'56	
	-779 Nov 02 j 18:00	0°ℳ		evening set	-776 Apr 07 j 02:34	17°Υ07'28	
				inferior conj	-776 Apr 12 j 04:48	13°Υ58'56	5°10'51
superior conj	-779 Nov 16 j 02:20	16°ℳ48'59	0°07'44	minimum elong	-776 Apr 12 j 13:49	13°Υ44'39	5°08'47
minimum elong	-779 Nov 16 j 04:25	16°ℳ55'33	0°07'38	min. Earth dist.	-776 Apr 12 j 10:12	13°Υ50'22	0.29029 AU
behind sun begin	-779 Nov 15 j 04:31	15°ℳ40'15		morning rise	-776 Apr 18 j 01:18	10°Υ24'46	
behind sun end	-779 Nov 17 j 04:20	18°ℳ10'50		direct	-776 May 03 j 19:38	5°Υ39'06	
max. Earth dist.	-779 Nov 17 j 23:50	19°ℳ12'13	1.71004 AU	desc. node	-776 May 06 j 03:15	5°Υ45'16	
desc. node	-779 Nov 19 j 08:30	20°ℳ55'05		greatest brilliancy	-776 May 16 j 18:50	8°Υ37'07	-4.5m
	-779 Nov 26 j 13:42	0°Ϡ			-776 Jun 15 j 18:45	0°Ϡ	
	-779 Dec 20 j 11:01	0°Ϡ		morning max el	-776 Jun 21 j 14:55	5°Ϡ26'40	45°47'19
evening rise	-779 Dec 28 j 02:30	9°Ϡ34'32			-776 Jul 15 j 14:32	0°Π	
	-778 Jan 13 j 10:57	0°≈			-776 Aug 11 j 07:57	0°Ϡ	
	-778 Feb 06 j 14:55	0°Ϡ		asc. node	-776 Aug 27 j 05:51	18°Ϡ42'23	
	-778 Mar 03 j 01:07	0°Υ			-776 Sep 05 j 15:58	0°Ω	
asc. node	-778 Mar 12 j 10:45	11°Υ25'54			-776 Sep 30 j 04:47	0°η	
	-778 Mar 27 j 20:27	0°Ϡ			-776 Oct 24 j 07:00	0°Δ	
	-778 Apr 22 j 04:53	0°Π			-776 Nov 17 j 04:42	0°ℳ	
	-778 May 18 j 10:00	0°Ϡ			-776 Dec 11 j 01:45	0°Ϡ	
	-778 Jun 15 j 08:12	0°Ω		desc. node	-776 Dec 16 j 20:21	7°Ϡ15'00	
evening max el	-778 Jun 25 j 16:58	10°Ω15'29	45°42'27	morning set	-776 Dec 22 j 01:41	13°Ϡ48'02	
desc. node	-778 Jul 02 j 01:06	16°Ω09'58			-775 Jan 04 j 00:03	0°Ϡ	
	-778 Jul 19 j 00:53	0°η			-775 Jan 28 j 00:29	0°≈	
greatest brilliancy	-778 Aug 02 j 20:15	8°η08'52	-4.5m				
retrograde	-778 Aug 13 j 17:33	10°η15'49		superior conj	-775 Feb 01 j 12:11	5°≈35'19	-1°-21'-56
evening set	-778 Aug 31 j 15:42	4°η17'07		minimum elong	-775 Feb 01 j 06:17	5°≈16'57	1°21'53

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 26

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-775 Feb 05 j 17:25	10° \approx 50'19	1.72166 AU		-773 Sep 17 j 01:04	0° Ω	
	-775 Feb 21 j 03:41	0° H		asc. node	-773 Sep 24 j 17:46	8° Ω 27'39	
evening rise	-775 Mar 12 j 19:49	24° H 19'27			-773 Oct 13 j 12:14	0° M	
	-775 Mar 17 j 10:20	0° Y			-773 Nov 07 j 12:52	0° $\underline{\Omega}$	
asc. node	-775 Apr 08 j 22:45	27° Y 38'21			-773 Dec 01 j 22:56	0° M	
	-775 Apr 10 j 21:05	0° X			-773 Dec 26 j 03:50	0° X	
	-775 May 05 j 12:26	0° II		desc. node	-772 Jan 14 j 08:09	23° X 48'23	
	-775 May 30 j 09:16	0° $\underline{\Omega}$			-772 Jan 19 j 07:59	0° $\underline{\Omega}$	
	-775 Jun 24 j 13:50	0° Ω			-772 Feb 12 j 13:11	0° \approx	
	-775 Jul 20 j 07:06	0° M		morning set	-772 Mar 07 j 07:33	29° \approx 21'42	
desc. node	-775 Jul 29 j 12:47	10° M 32'20			-772 Mar 07 j 19:58	0° H	
	-775 Aug 16 j 00:33	0° $\underline{\Omega}$			-772 Apr 01 j 04:25	0° Y	
evening max el	-775 Sep 07 j 05:57	23° $\underline{\Omega}$ 12'33	46°59'31				
	-775 Sep 14 j 07:02	0° M		superior conj	-772 Apr 13 j 21:59	15° Y 39'27	0°-49'-49
greatest brilliancy	-775 Oct 16 j 10:05	23° M 12'59	-4.7m	minimum elong	-772 Apr 14 j 06:39	16° Y 06'05	0°49'30
retrograde	-775 Oct 27 j 12:58	25° M 31'25		max. Earth dist.	-772 Apr 14 j 18:38	16° Y 42'54	1.73520 AU
evening set	-775 Nov 10 j 23:53	21° M 23'43			-772 Apr 25 j 14:14	0° X	
inferior conj	-775 Nov 17 j 01:44	17° M 50'10	0°-39'-57	asc. node	-772 May 06 j 10:41	13° X 19'21	
minimum elong	-775 Nov 17 j 03:15	17° M 47'51	0°39'28	evening rise	-772 May 20 j 11:08	0° II 31'28	
min. Earth dist.	-775 Nov 16 j 21:33	17° M 56'34	0.26331 AU		-772 May 20 j 00:52	0° II	
asc. node	-775 Nov 19 j 15:16	16° M 16'56			-772 Jun 13 j 11:56	0° $\underline{\Omega}$	
morning rise	-775 Nov 23 j 06:43	14° M 12'59			-772 Jul 07 j 23:43	0° Ω	
direct	-775 Dec 07 j 08:19	10° M 15'37			-772 Aug 01 j 13:31	0° M	
greatest brilliancy	-775 Dec 19 j 01:49	12° M 49'59	-4.7m	desc. node	-772 Aug 26 j 00:52	29° M 40'26	
	-774 Jan 12 j 23:28	0° X			-772 Aug 26 j 07:22	0° $\underline{\Omega}$	
morning max el	-774 Jan 26 j 12:25	12° X 47'58	46°38'59		-772 Sep 20 j 08:17	0° M	
	-774 Feb 12 j 01:00	0° $\underline{\Omega}$			-772 Oct 15 j 22:40	0° X	
	-774 Mar 10 j 23:34	0° \approx			-772 Nov 11 j 21:27	0° $\underline{\Omega}$	
desc. node	-774 Mar 11 j 05:51	0° \approx 17'56		evening max el	-772 Nov 18 j 12:48	6° $\underline{\Omega}$ 55'29	47°22'26
	-774 Apr 05 j 21:17	0° H			-772 Dec 13 j 23:52	0° \approx	
	-774 May 01 j 06:55	0° Y		asc. node	-772 Dec 17 j 03:08	2° \approx 14'33	
	-774 May 26 j 08:35	0° X		greatest brilliancy	-772 Dec 26 j 00:59	7° \approx 28'03	-4.7m
	-774 Jun 20 j 03:16	0° II		retrograde	-771 Jan 08 j 15:23	10° \approx 55'38	
asc. node	-774 Jul 02 j 08:16	14° II 54'55		evening set	-771 Jan 25 j 18:19	5° \approx 07'38	
	-774 Jul 14 j 14:56	0° $\underline{\Omega}$		min. Earth dist.	-771 Jan 28 j 16:52	3° \approx 18'26	0.27845 AU
morning set	-774 Jul 24 j 19:14	12° $\underline{\Omega}$ 34'18		inferior conj	-771 Jan 29 j 14:50	2° \approx 43'50	8°12'59
	-774 Aug 07 j 20:12	0° Ω		minimum elong	-771 Jan 29 j 08:59	2° \approx 53'03	8°12'27
max. Earth dist.	-774 Aug 27 j 10:02	24° Ω 26'08	1.71843 AU	morning rise	-771 Feb 01 j 23:58	0° \approx 37'52	
					-771 Feb 03 j 01:25	30° R $\underline{\Omega}$	
superior conj	-774 Aug 30 j 21:13	28° Ω 46'28	1°24'01	direct	-771 Feb 19 j 09:56	24° $\underline{\Omega}$ 45'02	
minimum elong	-774 Aug 30 j 23:20	28° Ω 53'04	1°24'01	greatest brilliancy	-771 Mar 02 j 03:56	26° $\underline{\Omega}$ 52'45	-4.6m
	-774 Aug 31 j 20:42	0° M			-771 Mar 08 j 20:39	0° \approx	
	-774 Sep 24 j 18:46	0° $\underline{\Omega}$		desc. node	-771 Apr 07 j 17:37	23° \approx 31'27	
evening rise	-774 Oct 09 j 00:00	17° $\underline{\Omega}$ 50'57		morning max el	-771 Apr 09 j 12:58	25° \approx 14'55	45°58'24
	-774 Oct 18 j 16:24	0° M			-771 Apr 14 j 09:42	0° H	
desc. node	-774 Oct 21 j 22:47	4° M 05'48			-771 May 12 j 20:50	0° Y	
	-774 Nov 11 j 14:57	0° X			-771 Jun 08 j 10:21	0° X	
	-774 Dec 05 j 15:36	0° $\underline{\Omega}$			-771 Jul 04 j 01:02	0° II	
	-774 Dec 29 j 20:23	0° \approx			-771 Jul 28 j 23:59	0° $\underline{\Omega}$	
	-773 Jan 23 j 09:14	0° H		asc. node	-771 Jul 29 j 20:02	1° $\underline{\Omega}$ 00'56	
asc. node	-773 Feb 12 j 00:49	23° H 31'06			-771 Aug 22 j 10:46	0° Ω	
	-773 Feb 17 j 13:01	0° Y		greatest brilliancy	-771 Sep 09 j 11:51	22° Ω 26'34	-3.9m
	-773 Mar 15 j 20:34	0° X			-771 Sep 15 j 12:50	0° M	
evening max el	-773 Apr 12 j 20:41	29° X 07'13	45°18'05	morning set	-771 Oct 04 j 00:29	23° M 12'50	
	-773 Apr 13 j 18:47	0° II			-771 Oct 09 j 09:53	0° $\underline{\Omega}$	
greatest brilliancy	-773 May 17 j 11:39	25° II 20'20	-4.5m		-771 Nov 02 j 05:10	0° M	
retrograde	-773 May 31 j 07:34	28° II 40'34					
desc. node	-773 Jun 03 j 15:18	28° II 27'35		superior conj	-771 Nov 13 j 12:12	14° M 13'37	0°11'42
evening set	-773 Jun 15 j 12:40	24° II 16'01		minimum elong	-771 Nov 13 j 15:19	14° M 23'27	0°11'31
inferior conj	-773 Jun 21 j 18:12	20° II 34'34	-4°-4'-58	behind sun begin	-771 Nov 12 j 20:08	13° M 23'02	
minimum elong	-773 Jun 21 j 10:02	20° II 47'12	4°02'51	behind sun end	-771 Nov 14 j 10:30	15° M 23'51	
min. Earth dist.	-773 Jun 21 j 23:11	20° II 26'51	0.28798 AU	max. Earth dist.	-771 Nov 15 j 08:44	16° M 33'51	1.70996 AU
morning rise	-773 Jun 27 j 06:58	17° II 14'46		desc. node	-771 Nov 18 j 10:37	20° M 26'26	
direct	-773 Jul 13 j 09:09	12° II 18'39			-771 Nov 26 j 00:54	0° X	
greatest brilliancy	-773 Jul 27 j 21:14	15° II 57'44	-4.5m		-771 Dec 19 j 22:17	0° $\underline{\Omega}$	
	-773 Aug 17 j 11:35	0° $\underline{\Omega}$		evening rise	-771 Dec 25 j 12:43	7° $\underline{\Omega}$ 01'03	
morning max el	-773 Aug 31 j 23:38	13° $\underline{\Omega}$ 20'18	46°19'12		-770 Jan 12 j 22:16	0° \approx	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 27

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-770 Feb 06 j 02:20	0° H		asc. node	-768 Aug 26 j 08:05	18° S 11'04	
	-770 Mar 02 j 12:47	0° Y			-768 Sep 05 j 04:21	0° Q	
asc. node	-770 Mar 11 j 12:55	10° Y 56'38			-768 Sep 29 j 16:36	0° M	
	-770 Mar 27 j 08:36	0° B			-768 Oct 23 j 18:31	0° L	
	-770 Apr 21 j 18:01	0° II			-768 Nov 16 j 16:03	0° M	
	-770 May 18 j 01:10	0° S			-768 Dec 10 j 12:57	0° J	
	-770 Jun 15 j 04:25	0° Q		desc. node	-768 Dec 15 j 22:21	6° J 46'13	
evening max el	-770 Jun 23 j 07:38	7° Q 59'38	45°40'16	morning set	-768 Dec 19 j 11:25	11° J 13'06	
desc. node	-770 Jul 01 j 03:03	15° Q 13'12			-767 Jan 03 j 11:07	0° Z	
	-770 Jul 20 j 01:42	0° M			-767 Jan 27 j 11:26	0° \approx	
greatest brilliancy	-770 Jul 31 j 08:15	5° M 47'37	-4.5m				
retrograde	-770 Aug 11 j 06:30	7° M 55'00		superior conj	-767 Jan 30 j 00:27	3° \approx 10'05	-1°-20'-51
evening set	-770 Aug 29 j 05:43	1° M 55'32		minimum elong	-767 Jan 29 j 17:43	2° \approx 49'07	1°20'47
inferior conj	-770 Sep 01 j 05:19	0° M 07'19	-8°-47'-23	max. Earth dist.	-767 Feb 03 j 06:51	8° \approx 28'49	1.72105 AU
minimum elong	-770 Sep 01 j 08:00	0° M 03'13	8°47'18		-767 Feb 20 j 14:33	0° H	
	-770 Sep 01 j 10:07	30° R Q		evening rise	-767 Mar 10 j 10:43	22° H 03'47	
min. Earth dist.	-770 Sep 01 j 21:31	29° Q 42'34	0.27628 AU		-767 Mar 16 j 21:14	0° Y	
morning rise	-770 Sep 04 j 10:08	28° Q 11'10		asc. node	-767 Apr 08 j 00:53	27° Y 11'13	
direct	-770 Sep 22 j 06:39	22° Q 11'16			-767 Apr 10 j 08:06	0° B	
greatest brilliancy	-770 Oct 06 j 05:01	25° Q 44'10	-4.6m		-767 May 04 j 23:44	0° II	
	-770 Oct 13 j 16:03	0° M			-767 May 29 j 21:06	0° S	
asc. node	-770 Oct 22 j 05:28	6° M 17'34			-767 Jun 24 j 02:35	0° Q	
morning max el	-770 Nov 12 j 01:17	25° M 38'11	46°53'37		-767 Jul 19 j 21:30	0° M	
	-770 Nov 16 j 06:19	0° L		desc. node	-767 Jul 28 j 14:56	9° M 55'20	
	-770 Dec 13 j 06:51	0° M			-767 Aug 15 j 18:19	0° L	
	-769 Jan 07 j 18:46	0° J		evening max el	-767 Sep 04 j 17:50	20° L 44'59	46°57'07
	-769 Feb 01 j 17:56	0° Z			-767 Sep 14 j 11:03	0° M	
desc. node	-769 Feb 10 j 20:02	10° Z 59'33		greatest brilliancy	-767 Oct 14 j 00:34	20° M 45'30	-4.7m
	-769 Feb 26 j 12:18	0° \approx		retrograde	-767 Oct 25 j 00:44	23° M 01'35	
	-769 Mar 23 j 04:39	0° H		evening set	-767 Nov 08 j 13:14	18° M 52'10	
	-769 Apr 16 j 19:50	0° Y		inferior conj	-767 Nov 14 j 13:51	15° M 20'55	-1°-4'-32
	-769 May 11 j 09:38	0° B		minimum elong	-767 Nov 14 j 16:18	15° M 17'11	1°03'46
morning set	-769 May 16 j 00:54	5° B 40'09		min. Earth dist.	-767 Nov 14 j 11:34	15° M 24'24	0.26330 AU
asc. node	-769 Jun 03 j 22:29	28° B 49'57		asc. node	-767 Nov 18 j 17:18	12° M 52'17	
	-769 Jun 04 j 21:18	0° II		morning rise	-767 Nov 20 j 19:19	11° M 43'12	
max. Earth dist.	-769 Jun 18 j 04:51	16° II 22'30	1.73380 AU	direct	-767 Dec 04 j 19:55	7° M 45'57	
				greatest brilliancy	-767 Dec 16 j 17:19	10° M 24'16	-4.7m
superior conj	-769 Jun 21 j 05:11	20° II 05'15	0°39'20		-766 Jan 13 j 05:35	0° J	
minimum elong	-769 Jun 20 j 22:09	19° II 43'35	0°39'03	morning max el	-766 Jan 24 j 01:40	10° J 23'13	46°40'27
	-769 Jun 29 j 06:03	0° S			-766 Feb 11 j 19:08	0° Z	
	-769 Jul 23 j 11:53	0° Q		desc. node	-766 Mar 10 j 08:01	29° Z 42'37	
evening rise	-769 Jul 27 j 00:34	4° Q 22'30			-766 Mar 10 j 14:05	0° \approx	
	-769 Aug 16 j 15:53	0° M			-766 Apr 05 j 10:07	0° H	
	-769 Sep 09 j 19:41	0° L			-766 Apr 30 j 18:48	0° Y	
desc. node	-769 Sep 23 j 12:54	17° L 00'26			-766 May 25 j 19:55	0° B	
	-769 Oct 04 j 00:47	0° M			-766 Jun 19 j 14:15	0° II	
	-769 Oct 28 j 08:41	0° J		asc. node	-766 Jul 01 j 10:19	14° II 27'50	
	-769 Nov 21 j 22:07	0° Z			-766 Jul 14 j 01:45	0° S	
	-769 Dec 16 j 23:47	0° \approx		morning set	-766 Jul 22 j 12:20	10° S 25'17	
	-768 Jan 12 j 06:19	0° H			-766 Aug 07 j 06:58	0° Q	
asc. node	-768 Jan 14 j 14:58	2° H 34'35		max. Earth dist.	-766 Aug 25 j 01:41	22° Q 11'05	1.71896 AU
evening max el	-768 Jan 29 j 20:09	18° H 29'08	46°16'09				
	-768 Feb 11 j 00:18	0° Y		superior conj	-766 Aug 28 j 12:37	26° Q 30'30	1°24'18
greatest brilliancy	-768 Mar 04 j 19:40	16° Y 18'31	-4.5m	minimum elong	-766 Aug 28 j 13:55	26° Q 34'35	1°24'19
retrograde	-768 Mar 19 j 11:46	20° Y 07'53			-766 Aug 31 j 07:32	0° M	
evening set	-768 Apr 04 j 21:50	14° Y 54'49			-766 Sep 24 j 05:43	0° L	
inferior conj	-768 Apr 09 j 21:30	11° Y 49'51	5°26'04	evening rise	-766 Oct 06 j 11:35	15° L 22'11	
minimum elong	-768 Apr 10 j 06:41	11° Y 35'16	5°24'02		-766 Oct 18 j 03:29	0° M	
min. Earth dist.	-768 Apr 10 j 02:47	11° Y 41'28	0.29019 AU	desc. node	-766 Oct 21 j 00:50	3° M 37'25	
morning rise	-768 Apr 15 j 15:43	8° Y 18'27			-766 Nov 11 j 02:12	0° J	
direct	-768 May 01 j 11:38	3° Y 30'15			-766 Dec 05 j 03:04	0° Z	
desc. node	-768 May 05 j 05:21	3° Y 46'05			-766 Dec 29 j 08:09	0° \approx	
greatest brilliancy	-768 May 14 j 09:03	6° Y 25'44	-4.5m		-765 Jan 22 j 21:32	0° H	
	-768 Jun 15 j 19:16	0° B		asc. node	-765 Feb 11 j 03:02	22° H 59'21	
morning max el	-768 Jun 19 j 05:56	3° B 14'32	45°46'53		-765 Feb 17 j 02:19	0° Y	
	-768 Jul 15 j 06:46	0° II			-765 Mar 15 j 12:11	0° B	
	-768 Aug 10 j 21:32	0° S		evening max el	-765 Apr 10 j 12:40	26° B 57'42	45°18'55

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-765 Apr 13 j 17:42	0° Π				-763 Oct 08 j 20:50	0° $\underline{\Omega}$	
greatest brilliancy	-765 May 15 j 00:32	23° Π 07'58	-4.5m			-763 Nov 01 j 16:09	0° \mathbb{M}	
retrograde	-765 May 29 j 00:01	26° Π 31'45						
desc. node	-765 Jun 02 j 17:15	26° Π 05'24		superior conj	-763 Nov 10 j 21:45	11° \mathbb{M} 37'57	0°15'38	
evening set	-765 Jun 13 j 03:18	22° Π 08'31		minimum elong	-763 Nov 11 j 01:53	11° \mathbb{M} 50'58	0°15'26	
inferior conj	-765 Jun 19 j 10:11	18° Π 25'00	-3°-47'00	behind sun begin	-763 Nov 10 j 16:57	11° \mathbb{M} 22'49		
minimum elong	-765 Jun 19 j 02:29	18° Π 36'55	3°44'59	behind sun end	-763 Nov 11 j 10:49	12° \mathbb{M} 19'07		
min. Earth dist.	-765 Jun 19 j 14:53	18° Π 17'44	0.28821 AU	max. Earth dist.	-763 Nov 12 j 14:21	13° \mathbb{M} 45'47	1.70987 AU	
morning rise	-765 Jun 25 j 01:18	15° Π 02'04		desc. node	-763 Nov 17 j 12:38	19° \mathbb{M} 58'09		
direct	-765 Jul 11 j 01:43	10° Π 08'39			-763 Nov 25 j 11:55	0° \mathcal{Z}		
greatest brilliancy	-765 Jul 25 j 13:40	13° Π 48'04	-4.5m		-763 Dec 19 j 09:18	0° \mathcal{Z}		
	-765 Aug 17 j 16:55	0° \mathcal{Z}		evening rise	-763 Dec 22 j 22:26	4° \mathcal{Z} 26'40		
morning max el	-765 Aug 29 j 16:08	11° \mathcal{Z} 08'54	46°17'44		-762 Jan 12 j 09:19	0° \approx		
	-765 Sep 16 j 18:27	0° Ω			-762 Feb 05 j 13:29	0° \mathcal{H}		
asc. node	-765 Sep 23 j 19:52	7° Ω 48'19			-762 Mar 02 j 00:11	0° \mathcal{Y}		
	-765 Oct 13 j 02:28	0° \mathbb{M}		asc. node	-762 Mar 10 j 15:00	10° \mathcal{Y} 27'58		
	-765 Nov 07 j 01:44	0° $\underline{\Omega}$			-762 Mar 26 j 20:33	0° \mathcal{B}		
	-765 Dec 01 j 11:03	0° \mathbb{M}			-762 Apr 21 j 06:59	0° Π		
	-765 Dec 25 j 15:29	0° \mathcal{Z}			-762 May 17 j 16:14	0° \mathcal{Z}		
desc. node	-764 Jan 13 j 10:16	23° \mathcal{Z} 19'35			-762 Jun 15 j 00:57	0° Ω		
	-764 Jan 18 j 19:19	0° \mathcal{Z}		evening max el	-762 Jun 20 j 21:37	5° Ω 43'05	45°38'10	
	-764 Feb 12 j 00:16	0° \approx		desc. node	-762 Jun 30 j 05:14	14° Ω 16'37		
morning set	-764 Mar 04 j 22:13	27° \approx 05'15			-762 Jul 21 j 11:36	0° \mathbb{M}		
	-764 Mar 07 j 06:50	0° \mathcal{H}		greatest brilliancy	-762 Jul 28 j 20:33	3° \mathbb{M} 27'53	-4.5m	
	-764 Mar 31 j 15:07	0° \mathcal{Y}		retrograde	-762 Aug 08 j 19:01	5° \mathbb{M} 35'35		
					-762 Aug 26 j 03:00	30° \mathbb{R} Ω		
superior conj	-764 Apr 11 j 15:13	13° \mathcal{Y} 32'08	0°-52'-24	evening set	-762 Aug 26 j 19:20	29° Ω 36'01		
minimum elong	-764 Apr 12 j 00:09	13° \mathcal{Y} 59'34	0°52'05	inferior conj	-762 Aug 29 j 19:03	27° Ω 47'30	-8°-49'-6	
max. Earth dist.	-764 Apr 12 j 16:19	14° \mathcal{Y} 49'17	1.73493 AU	minimum elong	-762 Aug 29 j 20:49	27° Ω 44'47	8°49'04	
	-764 Apr 25 j 00:51	0° \mathcal{B}		min. Earth dist.	-762 Aug 30 j 11:01	27° Ω 23'03	0.27687 AU	
asc. node	-764 May 05 j 12:43	12° \mathcal{B} 52'55		morning rise	-762 Sep 01 j 22:08	25° Ω 53'36		
evening rise	-764 May 18 j 06:13	28° \mathcal{B} 30'05		direct	-762 Sep 19 j 20:47	19° Ω 50'30		
	-764 May 19 j 11:32	0° Π		greatest brilliancy	-762 Oct 03 j 19:55	23° Ω 23'13	-4.6m	
	-764 Jun 12 j 22:48	0° \mathcal{Z}			-762 Oct 14 j 16:43	0° \mathbb{M}		
	-764 Jul 07 j 10:56	0° Ω		asc. node	-762 Oct 21 j 07:32	5° \mathbb{M} 08'23		
	-764 Aug 01 j 01:15	0° \mathbb{M}		morning max el	-762 Nov 09 j 14:12	23° \mathbb{M} 11'24	46°52'59	
desc. node	-764 Aug 25 j 03:00	29° \mathbb{M} 09'16			-762 Nov 16 j 02:52	0° $\underline{\Omega}$		
	-764 Aug 25 j 19:51	0° $\underline{\Omega}$			-762 Dec 12 j 22:33	0° \mathbb{M}		
	-764 Sep 19 j 21:55	0° \mathbb{M}			-761 Jan 07 j 08:29	0° \mathcal{Z}		
	-764 Oct 15 j 14:19	0° \mathcal{Z}		desc. node	-761 Feb 01 j 06:31	0° \mathcal{Z}		
	-764 Nov 11 j 17:49	0° \mathcal{Z}			-761 Feb 09 j 22:14	10° \mathcal{Z} 29'03		
evening max el	-764 Nov 16 j 04:54	4° \mathcal{Z} 37'26	47°23'32		-761 Feb 26 j 00:09	0° \approx		
	-764 Dec 14 j 21:46	0° \approx			-761 Mar 22 j 15:59	0° \mathcal{H}		
asc. node	-764 Dec 16 j 05:13	0° \approx 52'39			-761 Apr 16 j 06:49	0° \mathcal{Y}		
greatest brilliancy	-764 Dec 23 j 17:21	5° \approx 09'03	-4.7m		-761 May 10 j 20:26	0° \mathcal{B}		
retrograde	-763 Jan 06 j 07:03	8° \approx 35'06		morning set	-761 May 13 j 19:21	3° \mathcal{B} 36'51		
evening set	-763 Jan 23 j 06:02	2° \approx 52'11		asc. node	-761 Jun 03 j 00:35	28° \mathcal{B} 23'31		
min. Earth dist.	-763 Jan 26 j 06:18	1° \approx 00'23	0.27776 AU		-761 Jun 04 j 08:00	0° Π		
inferior conj	-763 Jan 27 j 05:25	0° \approx 23'59	8°06'27	max. Earth dist.	-761 Jun 16 j 00:00	14° Π 20'50	1.73412 AU	
minimum elong	-763 Jan 26 j 22:54	0° \approx 34'14	8°05'45					
	-763 Jan 27 j 20:39	30° \mathbb{R} \mathcal{Z}		superior conj	-761 Jun 18 j 23:55	18° Π 02'14	0°36'35	
morning rise	-763 Jan 30 j 16:12	28° \mathcal{Z} 15'44		minimum elong	-761 Jun 18 j 17:17	17° Π 41'47	0°36'17	
direct	-763 Feb 17 j 00:24	22° \mathcal{Z} 26'34			-761 Jun 28 j 16:45	0° \mathcal{Z}		
greatest brilliancy	-763 Feb 27 j 15:38	24° \mathcal{Z} 32'13	-4.6m		-761 Jul 22 j 22:41	0° Ω		
	-763 Mar 10 j 07:47	0° \approx		evening rise	-761 Jul 24 j 18:34	2° Ω 15'59		
desc. node	-763 Apr 06 j 19:39	22° \approx 40'54			-761 Aug 16 j 02:52	0° \mathbb{M}		
morning max el	-763 Apr 07 j 04:12	23° \approx 01'27	45°59'29		-761 Sep 09 j 06:58	0° $\underline{\Omega}$		
	-763 Apr 14 j 06:18	0° \mathcal{H}		desc. node	-761 Sep 22 j 14:57	16° $\underline{\Omega}$ 31'09		
	-763 May 12 j 11:57	0° \mathcal{Y}			-761 Oct 03 j 12:29	0° \mathbb{M}		
	-763 Jun 07 j 23:19	0° \mathcal{B}			-761 Oct 27 j 20:54	0° \mathcal{Z}		
	-763 Jul 03 j 12:56	0° Π			-761 Nov 21 j 11:05	0° \mathcal{Z}		
	-763 Jul 28 j 11:19	0° \mathcal{Z}			-761 Dec 16 j 14:04	0° \approx		
asc. node	-763 Jul 28 j 22:17	0° \mathcal{Z} 33'22			-760 Jan 11 j 23:37	0° \mathcal{H}		
	-763 Aug 21 j 21:51	0° Ω		asc. node	-760 Jan 13 j 17:12	1° \mathcal{H} 52'46		
greatest brilliancy	-763 Sep 11 j 11:47	25° Ω 37'04	-3.9m	evening max el	-760 Jan 27 j 10:16	16° \mathcal{H} 10'45	46°18'57	
	-763 Sep 14 j 23:49	0° \mathbb{M}			-760 Feb 11 j 04:59	0° \mathcal{Y}		
morning set	-763 Oct 01 j 13:27	20° \mathbb{M} 48'12		greatest brilliancy	-760 Mar 02 j 12:34	14° \mathcal{Y} 09'04	-4.5m	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-760 Mar 17 j 04:05	17°Υ58'52			-758 Aug 30 j 18:32	0°ྐ	
evening set	-760 Apr 02 j 17:03	12°Υ41'49			-758 Sep 23 j 16:49	0°Ω	
inferior conj	-760 Apr 07 j 14:10	9°Υ40'41	5°40'50	evening rise	-758 Oct 03 j 23:27	12°Ω53'48	
minimum elong	-760 Apr 07 j 23:27	9°Υ25'57	5°38'51		-758 Oct 17 j 14:43	0°ℳ	
min. Earth dist.	-760 Apr 07 j 19:21	9°Υ32'27	0.29008 AU	desc. node	-758 Oct 20 j 02:52	3°ℳ08'29	
morning rise	-760 Apr 13 j 05:59	6°Υ12'26			-758 Nov 10 j 13:36	0°𐌶	
direct	-760 Apr 29 j 03:17	1°Υ21'08			-758 Dec 04 j 14:39	0°𐌶	
desc. node	-760 May 04 j 07:24	1°Υ51'05			-758 Dec 28 j 20:04	0°≈	
greatest brilliancy	-760 May 12 j 00:02	4°Υ15'20	-4.5m		-757 Jan 22 j 10:00	0°𐌶	
	-760 Jun 15 j 18:37	0°𐌶		asc. node	-757 Feb 10 j 05:02	22°𐌶26'18	
morning max el	-760 Jun 16 j 21:22	1°𐌶03'31	45°46'34		-757 Feb 16 j 15:54	0°Υ	
	-760 Jul 14 j 22:40	0°𐌶			-757 Mar 15 j 04:19	0°𐌶	
	-760 Aug 10 j 10:57	0°𐌶		evening max el	-757 Apr 08 j 05:29	24°𐌶49'22	45°19'48
asc. node	-760 Aug 25 j 10:05	17°𐌶39'22			-757 Apr 13 j 18:02	0°𐌶	
	-760 Sep 04 j 16:38	0°Ω		greatest brilliancy	-757 May 12 j 14:46	20°𐌶56'37	-4.5m
	-760 Sep 29 j 04:18	0°ྐ		retrograde	-757 May 26 j 16:24	24°𐌶22'13	
	-760 Oct 23 j 05:56	0°Ω		desc. node	-757 Jun 01 j 19:24	23°𐌶37'47	
	-760 Nov 16 j 03:19	0°ℳ		evening set	-757 Jun 10 j 18:16	20°𐌶00'26	
	-760 Dec 10 j 00:08	0°𐌶		inferior conj	-757 Jun 17 j 02:15	16°𐌶14'55	-3°-28'-52
desc. node	-760 Dec 15 j 00:30	6°𐌶17'54		minimum elong	-757 Jun 16 j 19:04	16°𐌶26'04	3°26'55
morning set	-760 Dec 16 j 21:00	8°𐌶37'34		min. Earth dist.	-757 Jun 17 j 06:38	16°𐌶08'07	0.28841 AU
	-759 Jan 02 j 22:13	0°𐌶		morning rise	-757 Jun 22 j 19:36	12°𐌶48'52	
	-759 Jan 26 j 22:27	0°≈		direct	-757 Jul 08 j 18:36	7°𐌶58'22	
				greatest brilliancy	-757 Jul 23 j 04:53	11°𐌶36'22	-4.5m
superior conj	-759 Jan 27 j 12:16	0°≈43'04	-1°-19'-37		-757 Aug 17 j 20:40	0°𐌶	
minimum elong	-759 Jan 27 j 04:43	0°≈19'33	1°19'30	morning max el	-757 Aug 27 j 08:13	8°𐌶56'04	46°16'08
max. Earth dist.	-759 Jan 31 j 16:25	5°≈54'57	1.72047 AU		-757 Sep 16 j 11:43	0°Ω	
	-759 Feb 20 j 01:31	0°𐌶		asc. node	-757 Sep 22 j 21:53	7°Ω08'29	
evening rise	-759 Mar 08 j 01:06	19°𐌶46'18			-757 Oct 12 j 16:47	0°ྐ	
	-759 Mar 16 j 08:11	0°Υ			-757 Nov 06 j 14:45	0°Ω	
asc. node	-759 Apr 07 j 02:53	26°Υ43'32			-757 Nov 30 j 23:21	0°ℳ	
	-759 Apr 09 j 19:11	0°𐌶			-757 Dec 25 j 03:19	0°𐌶	
	-759 May 04 j 11:06	0°𐌶		desc. node	-756 Jan 12 j 12:25	22°𐌶50'16	
	-759 May 29 j 09:02	0°𐌶			-756 Jan 18 j 06:49	0°𐌶	
	-759 Jun 23 j 15:29	0°Ω			-756 Feb 11 j 11:31	0°≈	
	-759 Jul 19 j 12:09	0°ྐ		morning set	-756 Mar 02 j 13:01	24°≈48'32	
desc. node	-759 Jul 27 j 17:06	9°ྐ17'51			-756 Mar 06 j 17:54	0°𐌶	
	-759 Aug 15 j 12:34	0°Ω			-756 Mar 31 j 02:04	0°Υ	
evening max el	-759 Sep 02 j 06:33	18°Ω19'42	46°54'49				
	-759 Sep 14 j 16:55	0°ℳ		superior conj	-756 Apr 09 j 08:25	11°Υ23'52	0°-54'-56
greatest brilliancy	-759 Oct 11 j 14:03	18°ℳ17'18	-4.7m	minimum elong	-756 Apr 09 j 17:32	11°Υ51'54	0°54'36
retrograde	-759 Oct 22 j 13:02	20°ℳ32'20		max. Earth dist.	-756 Apr 10 j 14:48	12°Υ57'16	1.73468 AU
evening set	-759 Nov 06 j 02:52	16°ℳ20'42			-756 Apr 24 j 11:45	0°𐌶	
inferior conj	-759 Nov 12 j 02:01	12°ℳ51'56	-1°-28'-52	asc. node	-756 May 04 j 14:51	12°𐌶25'56	
minimum elong	-759 Nov 12 j 05:23	12°ℳ46'50	1°27'49	evening rise	-756 May 16 j 01:08	26°𐌶27'16	
min. Earth dist.	-759 Nov 12 j 01:18	12°ℳ53'03	0.26334 AU		-756 May 18 j 22:30	0°𐌶	
asc. node	-759 Nov 17 j 19:22	9°ℳ30'52			-756 Jun 12 j 09:57	0°𐌶	
morning rise	-759 Nov 18 j 07:48	9°ℳ14'14			-756 Jul 06 j 22:27	0°Ω	
direct	-759 Dec 02 j 08:16	5°ℳ16'36			-756 Jul 31 j 13:17	0°ྐ	
greatest brilliancy	-759 Dec 14 j 08:22	7°ℳ58'20	-4.7m	desc. node	-756 Aug 24 j 04:59	28°ྐ36'45	
	-758 Jan 13 j 09:46	0°𐌶			-756 Aug 25 j 08:40	0°Ω	
morning max el	-758 Jan 21 j 15:54	8°𐌶00'47	46°41'41		-756 Sep 19 j 11:58	0°ℳ	
	-758 Feb 11 j 12:58	0°𐌶			-756 Oct 15 j 06:33	0°𐌶	
desc. node	-758 Mar 09 j 10:00	29°𐌶06'28			-756 Nov 11 j 15:14	0°𐌶	
	-758 Mar 10 j 04:38	0°≈		evening max el	-756 Nov 13 j 20:59	2°𐌶18'18	47°24'26
	-758 Apr 04 j 23:04	0°𐌶		asc. node	-756 Dec 15 j 07:26	29°𐌶27'19	
	-758 Apr 30 j 06:50	0°Υ			-756 Dec 16 j 04:41	0°≈	
	-758 May 25 j 07:22	0°𐌶		greatest brilliancy	-756 Dec 21 j 10:48	2°≈50'27	-4.7m
	-758 Jun 19 j 01:21	0°𐌶		retrograde	-755 Jan 03 j 22:28	6°≈13'29	
asc. node	-758 Jun 30 j 12:29	14°𐌶00'43		evening set	-755 Jan 20 j 17:40	0°≈36'14	
	-758 Jul 13 j 12:42	0°𐌶			-755 Jan 21 j 17:31	30°𐌶𐌶	
morning set	-758 Jul 20 j 05:29	8°𐌶16'06		min. Earth dist.	-755 Jan 23 j 20:10	28°𐌶41'03	0.27701 AU
	-758 Aug 06 j 17:54	0°Ω		inferior conj	-755 Jan 24 j 20:01	28°𐌶03'26	7°59'07
max. Earth dist.	-758 Aug 22 j 16:16	19°Ω52'19	1.71950 AU	minimum elong	-755 Jan 24 j 12:55	28°𐌶14'38	7°58'16
				morning rise	-755 Jan 28 j 08:38	25°𐌶52'26	
superior conj	-758 Aug 26 j 04:10	24°Ω14'37	1°24'27	direct	-755 Feb 14 j 14:39	20°𐌶07'32	
minimum elong	-758 Aug 26 j 04:42	24°Ω16'16	1°24'28	greatest brilliancy	-755 Feb 25 j 03:26	22°𐌶10'59	-4.6m

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 30

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-755 Mar 11 j 09:00	0°♊					-753 Sep 08 j 18:34	0°♎			
morning max el	-755 Apr 04 j 18:36	20°♊45'10	46°00'33		desc. node		-753 Sep 21 j 16:59	16°♎01'01			
desc. node	-755 Apr 05 j 21:44	21°♊50'48					-753 Oct 03 j 00:29	0°♌			
	-755 Apr 14 j 02:28	0°♋					-753 Oct 27 j 09:25	0°♌			
	-755 May 12 j 03:08	0°♋					-753 Nov 21 j 00:22	0°♎			
	-755 Jun 07 j 12:30	0°♌					-753 Dec 16 j 04:46	0°♊			
	-755 Jul 03 j 01:07	0°♌					-752 Jan 11 j 17:36	0°♋			
	-755 Jul 27 j 22:58	0°♍			asc. node		-752 Jan 12 j 19:11	1°♋08'57			
asc. node	-755 Jul 28 j 00:19	0°♍04'06			evening max el		-752 Jan 25 j 00:30	13°♋51'44	46°21'45		
	-755 Aug 21 j 09:13	0°♎					-752 Feb 11 j 12:12	0°♋			
greatest brilliancy	-755 Sep 13 j 00:18	28°♎11'15	-3.9m		greatest brilliancy		-752 Feb 29 j 04:45	11°♋57'44	-4.5m		
	-755 Sep 14 j 11:03	0°♎			retrograde		-752 Mar 14 j 20:45	15°♋49'04			
morning set	-755 Sep 29 j 02:28	18°♎22'56			evening set		-752 Mar 31 j 12:14	10°♋27'44			
	-755 Oct 08 j 08:03	0°♏			inferior conj		-752 Apr 05 j 06:46	7°♋30'38	5°55'13		
	-755 Nov 01 j 03:24	0°♏			minimum elong		-752 Apr 05 j 16:07	7°♋15'49	5°53'17		
					min. Earth dist.		-752 Apr 05 j 11:41	7°♋22'50	0.28994 AU		
superior conj	-755 Nov 08 j 07:29	9°♏01'58	0°19'32		morning rise		-752 Apr 10 j 20:05	4°♋05'58			
minimum elong	-755 Nov 08 j 12:35	9°♏18'01	0°19'17				-752 Apr 20 j 09:20	30°♋			
max. Earth dist.	-755 Nov 09 j 17:08	10°♏47'54	1.70983 AU		direct		-752 Apr 26 j 18:54	29°♋11'09			
desc. node	-755 Nov 16 j 14:47	19°♏29'22			desc. node		-752 May 03 j 09:30	29°♋59'36			
	-755 Nov 24 j 23:13	0°♌					-752 May 03 j 10:11	0°♋			
	-755 Dec 18 j 20:39	0°♎			greatest brilliancy		-752 May 09 j 15:18	2°♋04'50	-4.5m		
evening rise	-755 Dec 20 j 08:08	1°♎51'09			morning max el		-752 Jun 14 j 13:32	28°♋53'59	45°46'23		
	-754 Jan 11 j 20:41	0°♊					-752 Jun 15 j 17:07	0°♌			
	-754 Feb 05 j 00:56	0°♋					-752 Jul 14 j 14:25	0°♌			
	-754 Mar 01 j 11:53	0°♋					-752 Aug 10 j 00:23	0°♍			
asc. node	-754 Mar 09 j 17:02	9°♋58'21			asc. node		-752 Aug 24 j 12:09	17°♍07'25			
	-754 Mar 26 j 08:46	0°♌					-752 Sep 04 j 05:01	0°♎			
	-754 Apr 20 j 20:18	0°♌					-752 Sep 28 j 16:11	0°♎			
	-754 May 17 j 07:49	0°♍					-752 Oct 22 j 17:34	0°♏			
	-754 Jun 14 j 22:34	0°♎					-752 Nov 15 j 14:47	0°♏			
evening max el	-754 Jun 18 j 10:59	3°♎24'13	45°36'04				-752 Dec 09 j 11:27	0°♌			
desc. node	-754 Jun 29 j 07:21	13°♎17'41			morning set		-752 Dec 14 j 06:28	6°♌01'08			
	-754 Jul 23 j 15:22	0°♎			desc. node		-752 Dec 14 j 02:37	5°♌49'01			
greatest brilliancy	-754 Jul 26 j 08:46	1°♎07'20	-4.5m				-751 Jan 02 j 09:26	0°♎			
retrograde	-754 Aug 06 j 07:41	3°♎16'00									
	-754 Aug 19 j 08:26	30°♎			superior conj		-751 Jan 24 j 23:48	28°♎14'38	-1°-18'-11		
evening set	-754 Aug 24 j 08:37	27°♎16'43			minimum elong		-751 Jan 24 j 15:28	27°♎48'39	1°18'03		
inferior conj	-754 Aug 27 j 08:57	25°♎27'21	-8°-49'-52				-751 Jan 26 j 09:36	0°♊			
minimum elong	-754 Aug 27 j 09:47	25°♎26'03	8°49'53		max. Earth dist.		-751 Jan 29 j 01:11	3°♊18'07	1.71993 AU		
min. Earth dist.	-754 Aug 28 j 00:51	25°♎02'59	0.27747 AU				-751 Feb 19 j 12:38	0°♋			
morning rise	-754 Aug 30 j 10:46	23°♎35'12			evening rise		-751 Mar 05 j 15:23	17°♋27'56			
direct	-754 Sep 17 j 10:49	17°♎29'14					-751 Mar 15 j 19:19	0°♋			
greatest brilliancy	-754 Oct 01 j 11:59	21°♎03'21	-4.6m		asc. node		-751 Apr 06 j 05:03	26°♋15'53			
	-754 Oct 15 j 11:14	0°♎					-751 Apr 09 j 06:25	0°♌			
asc. node	-754 Oct 20 j 09:40	4°♎00'28					-751 May 03 j 22:37	0°♌			
morning max el	-754 Nov 07 j 03:11	20°♎44'05	46°52'20				-751 May 28 j 21:05	0°♍			
	-754 Nov 15 j 23:03	0°♏					-751 Jun 23 j 04:32	0°♎			
	-754 Dec 12 j 14:18	0°♏					-751 Jul 19 j 03:02	0°♎			
	-753 Jan 06 j 22:20	0°♌			desc. node		-751 Jul 26 j 19:02	8°♎39'13			
	-753 Jan 31 j 19:19	0°♎					-751 Aug 15 j 07:23	0°♏			
desc. node	-753 Feb 09 j 00:09	9°♎56'53			evening max el		-751 Aug 30 j 20:05	15°♎56'12	46°52'14		
	-753 Feb 25 j 12:13	0°♊					-751 Sep 15 j 01:21	0°♏			
	-753 Mar 22 j 03:34	0°♋			greatest brilliancy		-751 Oct 09 j 02:33	15°♏47'12	-4.7m		
	-753 Apr 15 j 18:03	0°♋			retrograde		-751 Oct 20 j 01:28	18°♏01'46			
	-753 May 10 j 07:26	0°♌			evening set		-751 Nov 03 j 16:29	13°♏47'47			
morning set	-753 May 11 j 13:59	1°♌33'26			inferior conj		-751 Nov 09 j 13:55	10°♏21'32	-1°-53'-19		
asc. node	-753 Jun 02 j 02:46	27°♌56'43			minimum elong		-751 Nov 09 j 18:11	10°♏15'04	1°51'59		
	-753 Jun 03 j 18:55	0°♌			min. Earth dist.		-751 Nov 09 j 14:29	10°♏20'40	0.26343 AU		
max. Earth dist.	-753 Jun 13 j 20:50	12°♌23'42	1.73448 AU		morning rise		-751 Nov 15 j 19:48	6°♏44'14			
					asc. node		-751 Nov 16 j 21:33	6°♏11'10			
superior conj	-753 Jun 16 j 18:49	15°♌59'06	0°33'47		direct		-751 Nov 29 j 20:52	2°♏46'03			
minimum elong	-753 Jun 16 j 12:35	15°♌39'54	0°33'30		greatest brilliancy		-751 Dec 11 j 22:30	5°♏30'12	-4.7m		
	-753 Jun 28 j 03:40	0°♍					-750 Jan 13 j 12:35	0°♌			
	-753 Jul 22 j 09:44	0°♎			morning max el		-750 Jan 19 j 06:21	5°♌38'14	46°42'53		
evening rise	-753 Jul 22 j 12:44	0°♎09'19					-750 Feb 11 j 06:33	0°♎			
	-753 Aug 15 j 14:09	0°♎			desc. node		-750 Mar 08 j 12:08	28°♎30'46			

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 31

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-750 Mar 09 j 19:06	0°≈			-748 Nov 11 j 13:09	0°☾		
	-750 Apr 04 j 11:59	0°✠		asc. node	-748 Dec 14 j 09:24	27°☾58'51		
	-750 Apr 29 j 18:51	0°☿			-748 Dec 18 j 02:00	0°≈		
	-750 May 24 j 18:49	0°♄		greatest brilliancy	-748 Dec 19 j 04:23	0°≈31'55	-4.7m	
	-750 Jun 18 j 12:27	0°♂		retrograde	-747 Jan 01 j 13:00	3°≈51'22		
asc. node	-750 Jun 29 j 14:33	13°♂33'15			-747 Jan 15 j 06:31	30°♄☾		
	-750 Jul 12 j 23:37	0°☾		evening set	-747 Jan 18 j 04:52	28°☾20'09		
morning set	-750 Jul 17 j 22:59	6°☾08'14		min. Earth dist.	-747 Jan 21 j 10:15	26°☾20'40	0.27631 AU	
	-750 Aug 06 j 04:46	0°♂		inferior conj	-747 Jan 22 j 10:23	25°☾42'34	7°50'41	
max. Earth dist.	-750 Aug 20 j 06:17	17°♂32'05	1.72005 AU	minimum elong	-747 Jan 22 j 02:44	25°☾54'39	7°49'41	
				morning rise	-747 Jan 26 j 01:04	23°☾28'22		
superior conj	-750 Aug 23 j 20:07	22°♂00'16	1°24'28	direct	-747 Feb 12 j 04:18	17°☾48'00		
minimum elong	-750 Aug 23 j 19:52	21°♂59'29	1°24'29	greatest brilliancy	-747 Feb 22 j 16:21	19°☾50'32	-4.6m	
	-750 Aug 30 j 05:29	0°♄			-747 Mar 12 j 03:34	0°≈		
	-750 Sep 23 j 03:54	0°♂		morning max el	-747 Apr 02 j 07:56	18°≈26'22	46°01'42	
evening rise	-750 Oct 01 j 11:32	10°♂26'08		desc. node	-747 Apr 04 j 23:54	21°≈01'57		
	-750 Oct 17 j 01:58	0°♄			-747 Apr 13 j 21:54	0°✠		
desc. node	-750 Oct 19 j 05:02	2°♄39'59			-747 May 11 j 17:56	0°☿		
	-750 Nov 10 j 01:02	0°♄			-747 Jun 07 j 01:22	0°♄		
	-750 Dec 04 j 02:20	0°☾			-747 Jul 02 j 13:00	0°♂		
	-750 Dec 28 j 08:04	0°≈		asc. node	-747 Jul 27 j 02:19	29°♂35'34		
	-749 Jan 21 j 22:34	0°✠			-747 Jul 27 j 10:20	0°☾		
asc. node	-749 Feb 09 j 07:05	21°✠53'09			-747 Aug 20 j 20:18	0°♂		
	-749 Feb 16 j 05:37	0°☿			-747 Sep 13 j 22:00	0°♄		
	-749 Mar 14 j 20:44	0°♄		greatest brilliancy	-747 Sep 14 j 11:02	0°♄40'48	-3.9m	
evening max el	-749 Apr 05 j 22:10	22°♄40'42	45°20'42	morning set	-747 Sep 26 j 15:51	15°♄59'45		
	-749 Apr 13 j 19:36	0°♂			-747 Oct 07 j 18:57	0°♂		
greatest brilliancy	-749 May 10 j 06:14	18°♂46'51	-4.5m		-747 Oct 31 j 14:19	0°♄		
retrograde	-749 May 24 j 08:21	22°♂12'42						
desc. node	-749 May 31 j 21:32	21°♂05'25		superior conj	-747 Nov 05 j 17:44	6°♄28'44	0°23'21	
evening set	-749 Jun 08 j 09:24	17°♂52'24		minimum elong	-747 Nov 05 j 23:44	6°♄47'39	0°23'03	
inferior conj	-749 Jun 14 j 18:18	14°♂05'08	-3°-10'-21	max. Earth dist.	-747 Nov 06 j 19:29	7°♄49'49	1.70981 AU	
minimum elong	-749 Jun 14 j 11:40	14°♂15'26	3°08'32	desc. node	-747 Nov 15 j 16:51	19°♄01'31		
min. Earth dist.	-749 Jun 14 j 22:37	13°♂58'24	0.28855 AU		-747 Nov 24 j 10:10	0°♄		
morning rise	-749 Jun 20 j 13:42	10°♂35'55		evening rise	-747 Dec 17 j 18:03	29°♄17'28		
direct	-749 Jul 06 j 11:17	5°♂48'30			-747 Dec 18 j 07:38	0°☾		
greatest brilliancy	-749 Jul 20 j 19:10	9°♂23'48	-4.5m		-746 Jan 11 j 07:43	0°≈		
	-749 Aug 17 j 22:40	0°☾			-746 Feb 04 j 12:06	0°✠		
morning max el	-749 Aug 24 j 23:24	6°☾41'38	46°14'41		-746 Feb 28 j 23:21	0°☿		
	-749 Sep 16 j 04:25	0°♂		asc. node	-746 Mar 08 j 19:10	9°☿29'44		
asc. node	-749 Sep 22 j 00:05	6°♂30'08			-746 Mar 25 j 20:49	0°♄		
	-749 Oct 12 j 06:45	0°♄			-746 Apr 20 j 09:28	0°♂		
	-749 Nov 06 j 03:30	0°♂			-746 May 16 j 23:22	0°☾		
	-749 Nov 30 j 11:28	0°♄			-746 Jun 14 j 20:43	0°♂		
desc. node	-749 Dec 24 j 15:02	0°♄		evening max el	-746 Jun 15 j 23:53	1°♂05'07	45°34'09	
	-748 Jan 11 j 14:24	22°♄20'41		desc. node	-746 Jun 28 j 09:18	12°♂17'41		
	-748 Jan 17 j 18:15	0°☾		greatest brilliancy	-746 Jul 23 j 19:48	28°♂46'19	-4.5m	
	-748 Feb 10 j 22:42	0°≈			-746 Jul 27 j 16:12	0°♄		
morning set	-748 Feb 29 j 03:11	22°≈30'08		retrograde	-746 Aug 03 j 20:41	0°♄57'19		
	-748 Mar 06 j 04:52	0°✠			-746 Aug 10 j 20:14	30°♄♂		
	-748 Mar 30 j 12:53	0°☿		evening set	-746 Aug 21 j 21:19	24°♂58'35		
superior conj	-748 Apr 07 j 01:10	9°☿14'32	0°-57'-23	inferior conj	-746 Aug 24 j 22:42	23°♂07'49	-8°-49'-46	
minimum elong	-748 Apr 07 j 10:25	9°☿43'01	0°57'04	minimum elong	-746 Aug 24 j 22:39	23°♂07'53	8°49'46	
max. Earth dist.	-748 Apr 08 j 13:05	11°☿05'00	1.73437 AU	min. Earth dist.	-746 Aug 25 j 14:25	22°♂43'48	0.27805 AU	
	-748 Apr 23 j 22:31	0°♄		morning rise	-746 Aug 27 j 23:46	21°♂16'54		
asc. node	-748 May 03 j 16:57	11°♄59'19		direct	-746 Sep 15 j 00:50	15°♂08'30		
evening rise	-748 May 13 j 19:44	24°♄23'55		greatest brilliancy	-746 Sep 29 j 04:53	18°♂45'33	-4.6m	
	-748 May 18 j 09:21	0°♂			-746 Oct 16 j 00:42	0°♄		
	-748 Jun 11 j 21:00	0°☾		asc. node	-746 Oct 19 j 11:45	2°♄55'05		
	-748 Jul 06 j 09:49	0°♂		morning max el	-746 Nov 04 j 16:51	18°♄19'38	46°51'56	
	-748 Jul 31 j 01:10	0°♄			-746 Nov 15 j 18:16	0°♂		
desc. node	-748 Aug 23 j 07:07	28°♄05'21			-746 Dec 12 j 05:24	0°♄		
	-748 Aug 24 j 21:18	0°♂			-745 Jan 06 j 11:38	0°♄		
	-748 Sep 19 j 01:50	0°♄		desc. node	-745 Jan 31 j 07:36	0°☾		
	-748 Oct 14 j 22:43	0°♄			-745 Feb 08 j 02:17	9°☾26'44		
evening max el	-748 Nov 11 j 12:02	29°♄57'11	47°24'58		-745 Feb 24 j 23:52	0°≈		
					-745 Mar 21 j 14:45	0°✠		

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 32

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-745 Apr 15 j 04:57	0°♈		retrograde	-743 Oct 17 j 13:52	15°♌31'44	
morning set	-745 May 09 j 08:15	29°♈29'42		evening set	-743 Nov 01 j 06:20	11°♌15'29	
	-745 May 09 j 18:09	0°♉		inferior conj	-743 Nov 07 j 01:46	7°♌51'44	-2°-17'-30
asc. node	-745 Jun 01 j 04:45	27°♉30'13		minimum elong	-743 Nov 07 j 06:54	7°♌43'57	2°15'54
	-745 Jun 03 j 05:31	0°♊		min. Earth dist.	-743 Nov 07 j 03:31	7°♌49'06	0.26355 AU
max. Earth dist.	-745 Jun 11 j 18:44	10°♊30'49	1.73480 AU	morning rise	-743 Nov 13 j 07:27	4°♌14'59	
				asc. node	-743 Nov 15 j 23:34	2°♌56'24	
superior conj	-745 Jun 14 j 13:21	13°♊55'48	0°30'54	direct	-743 Nov 27 j 09:44	0°♌16'13	
minimum elong	-745 Jun 14 j 07:34	13°♊37'58	0°30'39	greatest brilliancy	-743 Dec 09 j 12:01	3°♌01'43	-4.7m
	-745 Jun 27 j 14:17	0°♋			-742 Jan 13 j 13:45	0°♌	
evening rise	-745 Jul 20 j 06:47	28°♋03'16		morning max el	-742 Jan 16 j 20:24	3°♌15'11	46°44'08
	-745 Jul 21 j 20:29	0°♌			-742 Feb 10 j 23:31	0°♍	
	-745 Aug 15 j 01:09	0°♍		desc. node	-742 Mar 07 j 14:15	27°♍56'00	
	-745 Sep 08 j 05:54	0°♎			-742 Mar 09 j 09:08	0°♎	
desc. node	-745 Sep 20 j 19:08	15°♎32'04			-742 Apr 04 j 00:33	0°♏	
	-745 Oct 02 j 12:13	0°♏			-742 Apr 29 j 06:32	0°♐	
	-745 Oct 26 j 21:39	0°♑			-742 May 24 j 05:59	0°♑	
	-745 Nov 20 j 13:21	0°♒			-742 Jun 17 j 23:20	0°♓	
	-745 Dec 15 j 19:10	0°♓		asc. node	-742 Jun 28 j 16:35	13°♓06'20	
asc. node	-744 Jan 11 j 11:27	0°♈			-742 Jul 12 j 10:22	0°♈	
evening max el	-744 Jan 11 j 21:15	0°♈26'15		morning set	-742 Jul 15 j 16:31	4°♈01'00	
	-744 Jan 22 j 15:25	11°♈35'52	46°24'38		-742 Aug 05 j 15:32	0°♉	
	-744 Feb 11 j 21:17	0°♈		max. Earth dist.	-742 Aug 17 j 18:22	15°♉06'19	1.72061 AU
greatest brilliancy	-744 Feb 26 j 20:27	9°♈47'15	-4.5m				
retrograde	-744 Mar 12 j 13:55	13°♈40'40		superior conj	-742 Aug 21 j 12:08	19°♉46'35	1°24'21
evening set	-744 Mar 29 j 07:30	8°♈14'52		minimum elong	-742 Aug 21 j 11:06	19°♉43'23	1°24'21
inferior conj	-744 Apr 02 j 23:26	5°♈21'43	6°08'59		-742 Aug 29 j 16:19	0°♊	
minimum elong	-744 Apr 03 j 08:48	5°♈06'53	6°07'07		-742 Sep 22 j 14:52	0°♊	
min. Earth dist.	-744 Apr 03 j 03:43	5°♈14'57	0.28984 AU	evening rise	-742 Sep 28 j 23:36	7°♊58'55	
morning rise	-744 Apr 08 j 10:12	2°♈00'58			-742 Oct 16 j 13:06	0°♋	
	-744 Apr 12 j 06:00	30°♈		desc. node	-742 Oct 18 j 07:03	2°♋11'25	
direct	-744 Apr 24 j 11:05	27°♈02'19			-742 Nov 09 j 12:22	0°♌	
desc. node	-744 May 02 j 11:35	28°♈13'10			-742 Dec 03 j 13:55	0°♍	
	-744 May 07 j 10:50	0°♈			-742 Dec 27 j 20:01	0°♎	
greatest brilliancy	-744 May 07 j 06:38	29°♈55'31	-4.5m		-741 Jan 21 j 11:05	0°♏	
morning max el	-744 Jun 12 j 06:31	26°♈47'17	45°46'04	asc. node	-741 Feb 08 j 09:17	21°♈20'39	
	-744 Jun 15 j 14:27	0°♉			-741 Feb 15 j 19:17	0°♈	
	-744 Jul 14 j 05:39	0°♊			-741 Mar 14 j 13:13	0°♉	
	-744 Aug 09 j 13:27	0°♋		evening max el	-741 Apr 03 j 14:15	20°♉31'12	45°21'46
asc. node	-744 Aug 23 j 14:21	16°♋36'52			-741 Apr 13 j 22:15	0°♊	
	-744 Sep 03 j 17:05	0°♌		greatest brilliancy	-741 May 07 j 22:10	16°♊38'42	-4.5m
	-744 Sep 28 j 03:45	0°♍		retrograde	-741 May 22 j 00:07	20°♊04'43	
	-744 Oct 22 j 04:52	0°♎		desc. node	-741 May 30 j 23:28	18°♊30'06	
	-744 Nov 15 j 01:57	0°♏		evening set	-741 Jun 06 j 01:00	15°♊45'29	
	-744 Dec 08 j 22:30	0°♐		inferior conj	-741 Jun 12 j 10:39	11°♊56'49	-2°-51'-45
morning set	-744 Dec 11 j 16:07	3°♐26'06		minimum elong	-741 Jun 12 j 04:37	12°♊06'15	2°50'05
desc. node	-744 Dec 11 j 04:34	5°♐20'33		min. Earth dist.	-741 Jun 12 j 15:10	11°♊49'48	0.28872 AU
	-743 Jan 01 j 20:21	0°♑		morning rise	-741 Jun 18 j 07:58	8°♊24'29	
				direct	-741 Jul 04 j 03:55	3°♊39'58	
superior conj	-743 Jan 22 j 11:25	25°♑47'24	-1°-16'-37	greatest brilliancy	-741 Jul 18 j 09:54	7°♊12'34	-4.5m
minimum elong	-743 Jan 22 j 02:22	25°♑19'11	1°16'27		-741 Aug 17 j 23:15	0°♋	
	-743 Jan 25 j 20:24	0°♒		morning max el	-741 Aug 22 j 13:57	4°♋25'54	46°13'05
max. Earth dist.	-743 Jan 26 j 12:12	0°♒49'14	1.71935 AU		-741 Sep 15 j 20:50	0°♌	
	-743 Feb 18 j 23:23	0°♓		asc. node	-741 Sep 21 j 02:06	5°♌51'35	
evening rise	-743 Mar 03 j 05:54	15°♓11'27			-741 Oct 11 j 20:38	0°♍	
	-743 Mar 15 j 06:05	0°♔			-741 Nov 05 j 16:13	0°♎	
asc. node	-743 Apr 05 j 07:08	25°♔49'04			-741 Nov 29 j 23:33	0°♏	
	-743 Apr 08 j 17:19	0°♕			-741 Dec 24 j 02:44	0°♐	
	-743 May 03 j 09:50	0°♖		desc. node	-740 Jan 10 j 16:31	21°♐51'34	
	-743 May 28 j 08:55	0°♗			-740 Jan 17 j 05:40	0°♑	
	-743 Jun 22 j 17:26	0°♘			-740 Feb 10 j 09:53	0°♒	
	-743 Jul 18 j 17:53	0°♙		morning set	-740 Feb 26 j 17:14	20°♒11'10	
desc. node	-743 Jul 25 j 21:12	8°♙01'32			-740 Mar 05 j 15:51	0°♓	
	-743 Aug 15 j 02:28	0°♚			-740 Mar 29 j 23:42	0°♔	
evening max el	-743 Aug 28 j 10:08	13°♚34'52	46°49'38				
	-743 Sep 15 j 12:20	0°♛		superior conj	-740 Apr 04 j 18:03	7°♔05'35	0°-59'-45
greatest brilliancy	-743 Oct 06 j 15:06	13°♛18'09	-4.7m	minimum elong	-740 Apr 05 j 03:23	7°♔34'21	0°59'27

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-740 Apr 06 j 10:12	9°Υ09'05	1.73398 AU	greatest brilliancy	-738 Sep 26 j 21:54	16°Ω28'16	-4.6m
	-740 Apr 23 j 09:17	0°Ϡ			-738 Oct 16 j 10:53	0°η	
asc. node	-740 May 02 j 18:58	11°Ϡ32'27		asc. node	-738 Oct 18 j 13:49	1°η50'48	
evening rise	-740 May 11 j 14:32	22°Ϡ21'14		morning max el	-738 Nov 02 j 07:39	15°η57'32	46°51'08
	-740 May 17 j 20:11	0°Π			-738 Nov 15 j 13:18	0°Δ	
	-740 Jun 11 j 08:02	0°Φ			-738 Dec 11 j 20:43	0°ℓ	
	-740 Jul 05 j 21:13	0°Ω			-737 Jan 06 j 01:17	0°Ϡ	
	-740 Jul 30 j 13:08	0°η			-737 Jan 30 j 20:17	0°Ϡ	
desc. node	-740 Aug 22 j 09:13	27°η33'20		desc. node	-737 Feb 07 j 04:28	8°Ϡ55'29	
	-740 Aug 24 j 10:08	0°Δ			-737 Feb 24 j 11:53	0°≈	
	-740 Sep 18 j 16:02	0°ℓ			-737 Mar 21 j 02:19	0°Ϡ	
	-740 Oct 14 j 15:23	0°Ϡ			-737 Apr 14 j 16:12	0°Υ	
evening max el	-740 Nov 09 j 02:04	27°Ϡ32'44	47°25'31	morning set	-737 May 07 j 02:29	27°Υ24'50	
	-740 Nov 11 j 12:11	0°Ϡ			-737 May 09 j 05:12	0°Ϡ	
asc. node	-740 Dec 13 j 11:29	26°Ϡ26'42		asc. node	-737 May 31 j 06:52	27°Ϡ03'07	
greatest brilliancy	-740 Dec 16 j 21:49	28°Ϡ12'17	-4.7m		-737 Jun 02 j 16:29	0°Π	
	-740 Dec 21 j 09:55	0°≈		max. Earth dist.	-737 Jun 09 j 17:42	8°Π40'07	1.73506 AU
retrograde	-740 Dec 30 j 03:07	1°≈28'33					
	-739 Jan 07 j 13:08	30°Ϡ		superior conj	-737 Jun 12 j 08:05	11°Π52'01	0°28'00
evening set	-739 Jan 15 j 15:54	26°Ϡ03'18		minimum elong	-737 Jun 12 j 02:46	11°Π35'39	0°27'46
min. Earth dist.	-739 Jan 19 j 00:30	23°Ϡ59'11	0.27559 AU		-737 Jun 27 j 01:14	0°Φ	
inferior conj	-739 Jan 20 j 00:43	23°Ϡ21'00	7°41'26	evening rise	-737 Jul 18 j 01:17	25°Φ57'46	
minimum elong	-739 Jan 19 j 16:32	23°Ϡ33'54	7°40'17		-737 Jul 21 j 07:32	0°Ω	
morning rise	-739 Jan 23 j 17:37	21°Ϡ03'25			-737 Aug 14 j 12:26	0°η	
direct	-739 Feb 09 j 17:28	15°Ϡ27'33			-737 Sep 07 j 17:30	0°Δ	
greatest brilliancy	-739 Feb 20 j 06:14	17°Ϡ30'23	-4.6m	desc. node	-737 Sep 19 j 21:11	15°Δ01'57	
	-739 Mar 12 j 17:41	0°≈			-737 Oct 02 j 00:14	0°ℓ	
morning max el	-739 Mar 30 j 21:08	16°≈06'34	46°03'01		-737 Oct 26 j 10:15	0°Ϡ	
desc. node	-739 Apr 04 j 01:55	20°≈13'06			-737 Nov 20 j 02:50	0°Ϡ	
	-739 Apr 13 j 16:58	0°Ϡ			-737 Dec 15 j 10:15	0°≈	
	-739 May 11 j 08:41	0°Υ		asc. node	-736 Jan 10 j 23:28	29°≈41'34	
	-739 Jun 06 j 14:16	0°Ϡ			-736 Jan 11 j 06:24	0°Ϡ	
	-739 Jul 02 j 00:57	0°Π		evening max el	-736 Jan 20 j 07:11	9°Ϡ20'16	46°27'29
asc. node	-739 Jul 26 j 04:33	29°Π07'32			-736 Feb 12 j 10:44	0°Υ	
	-739 Jul 26 j 21:47	0°Φ		greatest brilliancy	-736 Feb 24 j 13:01	7°Υ35'48	-4.6m
	-739 Aug 20 j 07:30	0°Ω		retrograde	-736 Mar 10 j 07:09	11°Υ29'46	
	-739 Sep 13 j 09:07	0°η		evening set	-736 Mar 27 j 02:36	5°Υ59'43	
greatest brilliancy	-739 Sep 15 j 16:29	2°η53'28	-3.9m	inferior conj	-736 Mar 31 j 15:51	3°Υ10'26	6°22'19
morning set	-739 Sep 24 j 05:22	13°η36'24		minimum elong	-736 Apr 01 j 01:11	2°Υ55'40	6°20'34
	-739 Oct 07 j 06:06	0°Δ		min. Earth dist.	-736 Mar 31 j 19:07	3°Υ05'16	0.28968 AU
	-739 Oct 31 j 01:31	0°ℓ		morning rise	-736 Apr 05 j 23:56	29°Ϡ53'50	
					-736 Apr 05 j 19:40	30°Ϡ	
superior conj	-739 Nov 03 j 03:48	3°ℓ53'59	0°27'08	direct	-736 Apr 22 j 03:27	24°Ϡ51'23	
minimum elong	-739 Nov 03 j 10:39	4°ℓ15'34	0°26'48	desc. node	-736 May 01 j 13:39	26°Ϡ28'32	
max. Earth dist.	-739 Nov 03 j 22:00	4°ℓ51'18	1.70988 AU	greatest brilliancy	-736 May 04 j 20:48	27°Ϡ43'04	-4.5m
desc. node	-739 Nov 14 j 18:53	18°ℓ32'34			-736 May 09 j 14:21	0°Υ	
	-739 Nov 23 j 21:26	0°Ϡ		morning max el	-736 Jun 09 j 23:31	24°Υ39'22	45°45'52
evening rise	-739 Dec 15 j 03:33	26°Ϡ41'29			-736 Jun 15 j 11:32	0°Ϡ	
	-739 Dec 17 j 18:55	0°Ϡ			-736 Jul 13 j 21:05	0°Π	
	-738 Jan 10 j 19:03	0°≈			-736 Aug 09 j 02:46	0°Φ	
	-738 Feb 03 j 23:35	0°Ϡ		asc. node	-736 Aug 22 j 16:21	16°Φ04'48	
	-738 Feb 28 j 11:08	0°Υ			-736 Sep 03 j 05:24	0°Ω	
asc. node	-738 Mar 07 j 21:15	9°Υ00'00			-736 Sep 27 j 15:34	0°η	
	-738 Mar 25 j 09:12	0°Ϡ			-736 Oct 21 j 16:27	0°Δ	
	-738 Apr 19 j 23:00	0°Π			-736 Nov 14 j 13:23	0°ℓ	
	-738 May 16 j 15:25	0°Φ			-736 Dec 08 j 09:51	0°Ϡ	
evening max el	-738 Jun 13 j 13:37	28°Φ47'52	45°32'31	morning set	-736 Dec 09 j 01:56	0°Ϡ50'33	
	-738 Jun 14 j 19:59	0°Ω		desc. node	-736 Dec 12 j 06:46	4°Ϡ51'50	
desc. node	-738 Jun 27 j 11:30	11°Ω16'30			-735 Jan 01 j 07:39	0°Ϡ	
greatest brilliancy	-738 Jul 21 j 05:59	26°Ω24'53	-4.5m				
retrograde	-738 Aug 01 j 10:41	28°Ω39'28		superior conj	-735 Jan 19 j 22:30	23°Ϡ17'03	-1°-14'-52
evening set	-738 Aug 19 j 09:54	22°Ω41'49		minimum elong	-735 Jan 19 j 12:50	22°Ϡ46'51	1°14'40
inferior conj	-738 Aug 22 j 12:49	20°Ω48'54	-8°-48'-37	max. Earth dist.	-735 Jan 24 j 00:12	28°Ϡ21'56	1.71886 AU
minimum elong	-738 Aug 22 j 11:53	20°Ω50'20	8°48'37		-735 Jan 25 j 07:39	0°≈	
min. Earth dist.	-738 Aug 23 j 03:49	20°Ω25'59	0.27865 AU		-735 Feb 18 j 10:36	0°Ϡ	
morning rise	-738 Aug 25 j 13:38	18°Ω58'30		evening rise	-735 Feb 28 j 19:42	12°Ϡ51'09	
direct	-738 Sep 12 j 15:35	12°Ω48'29			-735 Mar 14 j 17:19	0°Υ	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 34

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-735 Apr 04 j 09:08	25°Υ20'33			-733 Oct 11 j 10:34	0°η	
	-735 Apr 08 j 04:41	0°Ϸ			-733 Nov 05 j 05:01	0°♄	
	-735 May 02 j 21:32	0°Π			-733 Nov 29 j 11:43	0°♆	
	-735 May 27 j 21:15	0°☿			-733 Dec 23 j 14:29	0°♁	
	-735 Jun 22 j 06:52	0°♈		desc. node	-732 Jan 09 j 18:40	21°♁22'24	
	-735 Jul 18 j 09:20	0°η			-732 Jan 16 j 17:07	0°♄	
desc. node	-735 Jul 24 j 23:20	7°η22'13			-732 Feb 09 j 21:05	0°≈	
	-735 Aug 14 j 22:27	0°♄		morning set	-732 Feb 24 j 07:21	17°≈52'08	
evening max el	-735 Aug 26 j 00:26	11°♄13'27	46°47'04		-732 Mar 05 j 02:52	0°♁	
	-735 Sep 16 j 03:15	0°♆			-732 Mar 29 j 10:37	0°Υ	
greatest brilliancy	-735 Oct 04 j 04:37	10°♆50'12	-4.7m				
retrograde	-735 Oct 15 j 02:07	13°♆01'48		superior conj	-732 Apr 02 j 10:54	4°Υ56'15	-1°-2'-3
evening set	-735 Oct 29 j 20:38	8°♆43'24		minimum elong	-732 Apr 02 j 20:17	5°Υ25'07	1°01'45
inferior conj	-735 Nov 04 j 13:54	5°♆22'20	-2°-41'-6	max. Earth dist.	-732 Apr 04 j 05:36	7°Υ07'35	1.73366 AU
minimum elong	-735 Nov 04 j 19:51	5°♆13'18	2°39'17		-732 Apr 22 j 20:12	0°Ϸ	
min. Earth dist.	-735 Nov 04 j 16:53	5°♆17'49	0.26366 AU	asc. node	-732 May 01 j 21:07	11°Ϸ05'33	
morning rise	-735 Nov 10 j 19:04	1°♆46'11		evening rise	-732 May 09 j 09:05	20°Ϸ17'21	
	-735 Nov 14 j 12:41	30°♆			-732 May 17 j 07:11	0°Π	
asc. node	-735 Nov 15 j 01:38	29°♄46'52			-732 Jun 10 j 19:14	0°☿	
direct	-735 Nov 24 j 22:39	27°♄46'55			-732 Jul 05 j 08:47	0°♈	
	-735 Dec 05 j 17:23	0°♆			-732 Jul 30 j 01:16	0°η	
greatest brilliancy	-735 Dec 07 j 01:28	0°♆33'05	-4.7m	desc. node	-732 Aug 21 j 11:13	27°η00'35	
	-734 Jan 13 j 13:56	0°♁			-732 Aug 23 j 23:09	0°♄	
morning max el	-734 Jan 14 j 09:31	0°♁49'07	46°45'03		-732 Sep 18 j 06:27	0°♆	
	-734 Feb 10 j 16:28	0°♄			-732 Oct 14 j 08:26	0°♁	
desc. node	-734 Mar 06 j 16:15	27°♄20'05		evening max el	-732 Nov 06 j 15:35	25°♁06'53	47°26'05
	-734 Mar 08 j 23:25	0°≈			-732 Nov 11 j 12:16	0°♄	
	-734 Apr 03 j 13:26	0°♁		asc. node	-732 Dec 12 j 13:43	24°♄51'31	
	-734 Apr 28 j 18:37	0°Υ		greatest brilliancy	-732 Dec 14 j 14:42	25°♄51'53	-4.7m
	-734 May 23 j 17:31	0°Ϸ		retrograde	-732 Dec 27 j 17:31	29°♄06'04	
	-734 Jun 17 j 10:32	0°Π		evening set	-731 Jan 13 j 02:54	23°♄46'30	
asc. node	-734 Jun 27 j 18:46	12°Π38'55		min. Earth dist.	-731 Jan 16 j 14:47	21°♄37'53	0.27487 AU
	-734 Jul 11 j 21:26	0°☿		inferior conj	-731 Jan 17 j 15:05	20°♄59'39	7°31'21
morning set	-734 Jul 13 j 09:52	1°☿52'19		minimum elong	-731 Jan 17 j 06:26	21°♄13'16	7°30'01
	-734 Aug 05 j 02:35	0°♈		morning rise	-731 Jan 21 j 10:23	18°♄38'40	
max. Earth dist.	-734 Aug 15 j 06:33	12°♈40'03	1.72119 AU	direct	-731 Feb 07 j 06:27	13°♄07'12	
				greatest brilliancy	-731 Feb 17 j 20:31	15°♄11'04	-4.6m
superior conj	-734 Aug 19 j 04:15	17°♈32'28	1°24'05		-731 Mar 13 j 03:59	0°≈	
minimum elong	-734 Aug 19 j 02:29	17°♈26'56	1°24'05	morning max el	-731 Mar 28 j 10:49	13°≈48'13	46°04'19
	-734 Aug 29 j 03:26	0°η		desc. node	-731 Apr 03 j 04:02	19°≈25'43	
	-734 Sep 22 j 02:06	0°♄			-731 Apr 13 j 11:23	0°♁	
evening rise	-734 Sep 26 j 12:01	5°♄32'00			-731 May 10 j 23:11	0°Υ	
	-734 Oct 16 j 00:28	0°♆			-731 Jun 06 j 03:05	0°Ϸ	
desc. node	-734 Oct 17 j 09:06	1°♆42'12			-731 Jul 01 j 12:54	0°Π	
	-734 Nov 08 j 23:54	0°♁		asc. node	-731 Jul 25 j 06:34	28°Π38'44	
	-734 Dec 03 j 01:41	0°♄			-731 Jul 26 j 09:14	0°☿	
	-734 Dec 27 j 08:07	0°≈			-731 Aug 19 j 18:41	0°♈	
	-733 Jan 20 j 23:49	0°♁			-731 Sep 12 j 20:11	0°η	
asc. node	-733 Feb 07 j 11:17	20°♁46'43		greatest brilliancy	-731 Sep 16 j 15:21	4°η45'41	-3.9m
	-733 Feb 15 j 09:20	0°Υ		morning set	-731 Sep 21 j 18:52	11°η13'14	
	-733 Mar 14 j 06:25	0°Ϸ			-731 Oct 06 j 17:09	0°♄	
evening max el	-733 Apr 01 j 05:24	18°Ϸ18'10	45°22'45		-731 Oct 30 j 12:38	0°♆	
	-733 Apr 14 j 03:15	0°Π					
greatest brilliancy	-733 May 05 j 13:31	14°Π28'14	-4.5m	superior conj	-731 Oct 31 j 13:52	1°♆19'31	0°30'51
retrograde	-733 May 19 j 15:37	17°Π55'10		minimum elong	-731 Oct 31 j 21:30	1°♆43'35	0°30'30
desc. node	-733 May 30 j 01:40	15°Π48'11		max. Earth dist.	-731 Nov 01 j 04:08	2°♆04'28	1.70997 AU
evening set	-733 Jun 03 j 16:32	13°Π36'36		desc. node	-731 Nov 13 j 21:02	18°♆04'21	
inferior conj	-733 Jun 10 j 02:50	9°Π47'01	-2°-32'-52		-731 Nov 23 j 08:35	0°♁	
minimum elong	-733 Jun 09 j 21:24	9°Π55'30	2°31'21	evening rise	-731 Dec 12 j 13:08	24°♁06'03	
min. Earth dist.	-733 Jun 10 j 07:51	9°Π39'12	0.28888 AU		-731 Dec 17 j 06:06	0°♄	
morning rise	-733 Jun 16 j 01:56	6°Π11'45			-730 Jan 10 j 06:17	0°≈	
direct	-733 Jul 01 j 19:50	1°Π29'50			-730 Feb 03 j 10:55	0°♁	
greatest brilliancy	-733 Jul 16 j 01:18	5°Π00'58	-4.5m		-730 Feb 27 j 22:45	0°Υ	
	-733 Aug 17 j 23:04	0°☿		asc. node	-730 Mar 06 j 23:18	8°Υ30'44	
morning max el	-733 Aug 20 j 03:56	2°☿08'03	46°11'40		-730 Mar 24 j 21:25	0°Ϸ	
	-733 Sep 15 j 13:12	0°♈			-730 Apr 19 j 12:27	0°Π	
asc. node	-733 Sep 20 j 04:11	5°♈12'55			-730 May 16 j 07:33	0°☿	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-730 Jun 11 j 04:08	26° \mathfrak{G} 32'53	45°30'44			-728 Dec 07 j 20:54	0° \mathfrak{Z}	
	-730 Jun 14 j 20:14	0° \mathfrak{Q}		desc. node		-728 Dec 11 j 08:51	4° \mathfrak{Z} 23'41	
desc. node	-730 Jun 26 j 13:36	10° \mathfrak{Q} 13'36				-728 Dec 31 j 18:36	0° \mathfrak{Z}	
greatest brilliancy	-730 Jul 18 j 15:53	24° \mathfrak{Q} 03'09	-4.5m					
retrograde	-730 Jul 30 j 00:46	26° \mathfrak{Q} 21'15		superior conj		-727 Jan 17 j 09:22	20° \mathfrak{Z} 47'02	-1°-12'-58
evening set	-730 Aug 16 j 21:55	20° \mathfrak{Q} 25'29		minimum elong		-727 Jan 16 j 23:08	20° \mathfrak{Z} 15'03	1°12'44
inferior conj	-730 Aug 20 j 02:43	18° \mathfrak{Q} 29'45	-8°-46'-37	max. Earth dist.		-727 Jan 21 j 14:10	26° \mathfrak{Z} 01'42	1.71831 AU
minimum elong	-730 Aug 20 j 00:54	18° \mathfrak{Q} 32'32	8°46'36			-727 Jan 24 j 18:33	0° \approx	
min. Earth dist.	-730 Aug 20 j 16:47	18° \mathfrak{Q} 08'18	0.27922 AU			-727 Feb 17 j 21:27	0° \mathfrak{H}	
morning rise	-730 Aug 23 j 03:42	16° \mathfrak{Q} 39'12		evening rise		-727 Feb 26 j 09:28	10° \mathfrak{H} 31'47	
direct	-730 Sep 10 j 06:37	10° \mathfrak{Q} 28'29				-727 Mar 14 j 04:12	0° \mathfrak{Y}	
greatest brilliancy	-730 Sep 24 j 13:50	14° \mathfrak{Q} 09'48	-4.6m	asc. node		-727 Apr 03 j 11:20	24° \mathfrak{Y} 53'46	
	-730 Oct 16 j 18:16	0° \mathfrak{P}				-727 Apr 07 j 15:41	0° \mathfrak{B}	
asc. node	-730 Oct 17 j 15:57	0° \mathfrak{P} 48'30				-727 May 02 j 08:52	0° \mathfrak{H}	
morning max el	-730 Oct 30 j 22:47	13° \mathfrak{P} 36'53	46°50'21			-727 May 27 j 09:12	0° \mathfrak{G}	
	-730 Nov 15 j 07:41	0° \mathfrak{L}				-727 Jun 21 j 19:57	0° \mathfrak{Q}	
	-730 Dec 11 j 11:37	0° \mathfrak{M}				-727 Jul 18 j 00:33	0° \mathfrak{P}	
	-729 Jan 05 j 14:35	0° \mathfrak{Z}		desc. node		-727 Jul 24 j 01:18	6° \mathfrak{P} 43'19	
	-729 Jan 30 j 08:37	0° \mathfrak{Z}				-727 Aug 14 j 18:38	0° \mathfrak{L}	
desc. node	-729 Feb 06 j 06:23	8° \mathfrak{Z} 24'19		evening max el		-727 Aug 23 j 13:49	8° \mathfrak{L} 50'43	46°44'08
	-729 Feb 23 j 23:35	0° \approx				-727 Sep 16 j 22:42	0° \mathfrak{M}	
	-729 Mar 20 j 13:35	0° \mathfrak{H}		greatest brilliancy		-727 Oct 01 j 18:49	8° \mathfrak{M} 23'24	-4.6m
	-729 Apr 14 j 03:08	0° \mathfrak{Y}		retrograde		-727 Oct 12 j 13:34	10° \mathfrak{M} 31'57	
morning set	-729 May 04 j 20:59	25° \mathfrak{Y} 21'42		evening set		-727 Oct 27 j 10:52	6° \mathfrak{M} 11'10	
	-729 May 08 j 15:56	0° \mathfrak{B}		inferior conj		-727 Nov 02 j 01:51	2° \mathfrak{M} 53'05	-3°-4'-35
asc. node	-729 May 30 j 09:02	26° \mathfrak{B} 37'05		minimum elong		-727 Nov 02 j 08:34	2° \mathfrak{M} 42'52	3°02'33
	-729 Jun 02 j 03:07	0° \mathfrak{H}		min. Earth dist.		-727 Nov 02 j 06:27	2° \mathfrak{M} 46'06	0.26384 AU
max. Earth dist.	-729 Jun 07 j 17:27	6° \mathfrak{H} 52'46	1.73534 AU			-727 Nov 06 j 23:01	30° \mathfrak{R} \mathfrak{L}	
				morning rise		-727 Nov 08 j 06:11	29° \mathfrak{L} 17'41	
superior conj	-729 Jun 10 j 02:54	9° \mathfrak{H} 49'27	0°25'04	asc. node		-727 Nov 14 j 03:49	26° \mathfrak{L} 42'09	
minimum elong	-729 Jun 09 j 22:05	9° \mathfrak{H} 34'37	0°24'51	direct		-727 Nov 22 j 10:49	25° \mathfrak{L} 17'30	
	-729 Jun 26 j 11:56	0° \mathfrak{G}		greatest brilliancy		-727 Dec 04 j 15:34	28° \mathfrak{L} 05'12	-4.7m
evening rise	-729 Jul 15 j 19:47	23° \mathfrak{G} 53'01				-727 Dec 08 j 13:28	0° \mathfrak{M}	
	-729 Jul 20 j 18:23	0° \mathfrak{Q}		morning max el		-726 Jan 11 j 21:44	28° \mathfrak{M} 21'00	46°46'09
	-729 Aug 13 j 23:32	0° \mathfrak{P}				-726 Jan 13 j 12:52	0° \mathfrak{Z}	
	-729 Sep 07 j 04:56	0° \mathfrak{L}				-726 Feb 10 j 08:49	0° \mathfrak{Z}	
desc. node	-729 Sep 18 j 23:14	14° \mathfrak{L} 32'26		desc. node		-726 Mar 05 j 18:23	26° \mathfrak{Z} 45'47	
	-729 Oct 01 j 12:05	0° \mathfrak{M}				-726 Mar 08 j 13:12	0° \approx	
	-729 Oct 25 j 22:40	0° \mathfrak{Z}				-726 Apr 03 j 01:53	0° \mathfrak{H}	
	-729 Nov 19 j 16:07	0° \mathfrak{Z}				-726 Apr 28 j 06:14	0° \mathfrak{Y}	
	-729 Dec 15 j 01:12	0° \approx				-726 May 23 j 04:38	0° \mathfrak{B}	
asc. node	-728 Jan 10 j 01:27	28° \approx 56'42				-726 Jun 16 j 21:22	0° \mathfrak{H}	
	-728 Jan 11 j 01:29	0° \mathfrak{H}		asc. node		-726 Jun 26 j 20:48	12° \mathfrak{H} 12'13	
evening max el	-728 Jan 17 j 23:28	7° \mathfrak{H} 06'53	46°30'18	morning set		-726 Jul 11 j 03:41	29° \mathfrak{H} 46'21	
	-728 Feb 13 j 04:04	0° \mathfrak{Y}				-726 Jul 11 j 08:07	0° \mathfrak{G}	
greatest brilliancy	-728 Feb 22 j 06:53	5° \mathfrak{Y} 27'11	-4.6m			-726 Aug 04 j 13:14	0° \mathfrak{Q}	
retrograde	-728 Mar 08 j 00:25	9° \mathfrak{Y} 19'56		max. Earth dist.		-726 Aug 12 j 21:24	10° \mathfrak{Q} 23'25	1.72179 AU
evening set	-728 Mar 24 j 21:49	3° \mathfrak{Y} 45'58						
inferior conj	-728 Mar 29 j 08:21	1° \mathfrak{Y} 00'25	6°35'11	superior conj		-726 Aug 16 j 20:53	15° \mathfrak{Q} 21'15	1°23'42
minimum elong	-728 Mar 29 j 17:35	0° \mathfrak{Y} 45'48	6°33'31	minimum elong		-726 Aug 16 j 18:25	15° \mathfrak{Q} 13'31	1°23'41
min. Earth dist.	-728 Mar 29 j 10:28	0° \mathfrak{Y} 57'03	0.28947 AU			-726 Aug 28 j 14:10	0° \mathfrak{P}	
	-728 Mar 30 j 22:36	30° \mathfrak{R} \mathfrak{H}				-726 Sep 21 j 12:59	0° \mathfrak{L}	
morning rise	-728 Apr 03 j 13:35	27° \mathfrak{H} 48'01		evening rise		-726 Sep 24 j 00:52	3° \mathfrak{L} 07'38	
direct	-728 Apr 19 j 20:04	22° \mathfrak{H} 41'59				-726 Oct 15 j 11:33	0° \mathfrak{M}	
desc. node	-728 Apr 30 j 15:46	24° \mathfrak{H} 48'56		desc. node		-726 Oct 16 j 11:18	1° \mathfrak{M} 14'20	
greatest brilliancy	-728 May 02 j 09:51	25° \mathfrak{H} 30'36	-4.5m			-726 Nov 08 j 11:14	0° \mathfrak{Z}	
	-728 May 10 j 23:31	0° \mathfrak{Y}				-726 Dec 02 j 13:17	0° \mathfrak{Z}	
morning max el	-728 Jun 07 j 16:07	22° \mathfrak{Y} 31'52	45°45'39			-726 Dec 26 j 20:04	0° \approx	
	-728 Jun 15 j 07:25	0° \mathfrak{B}				-725 Jan 20 j 12:24	0° \mathfrak{H}	
	-728 Jul 13 j 11:51	0° \mathfrak{H}		asc. node		-725 Feb 06 j 13:22	20° \mathfrak{H} 13'34	
	-728 Aug 08 j 15:37	0° \mathfrak{G}				-725 Feb 14 j 23:15	0° \mathfrak{Y}	
asc. node	-728 Aug 21 j 18:25	15° \mathfrak{G} 34'03				-725 Mar 13 j 23:37	0° \mathfrak{B}	
	-728 Sep 02 j 17:23	0° \mathfrak{Q}		evening max el		-725 Mar 29 j 20:03	16° \mathfrak{B} 04'58	45°24'00
	-728 Sep 27 j 03:08	0° \mathfrak{P}				-725 Apr 14 j 09:49	0° \mathfrak{H}	
	-728 Oct 21 j 03:47	0° \mathfrak{L}		greatest brilliancy		-725 May 03 j 04:00	12° \mathfrak{H} 18'01	-4.5m
	-728 Nov 14 j 00:34	0° \mathfrak{M}		retrograde		-725 May 17 j 07:34	15° \mathfrak{H} 47'29	
morning set	-728 Dec 06 j 11:32	28° \mathfrak{M} 15'10		desc. node		-725 May 29 j 03:45	13° \mathfrak{H} 03'59	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-725 Jun 01 j 08:24	11° Π 28'57		max. Earth dist.	-723 Oct 29 j 13:44	29° Ω 28'54	1.71004 AU
inferior conj	-725 Jun 07 j 19:13	7° Π 38'53	-2°-13'-52		-723 Oct 29 j 23:36	0° \mathbb{M}	
minimum elong	-725 Jun 07 j 14:25	7° Π 46'23	2°12'30	desc. node	-723 Nov 12 j 23:07	17° \mathbb{M} 36'19	
min. Earth dist.	-725 Jun 08 j 00:45	7° Π 30'15	0.28903 AU		-723 Nov 22 j 19:35	0° \mathcal{A}	
morning rise	-725 Jun 13 j 20:01	4° Π 01'02		evening rise	-723 Dec 09 j 23:04	21° \mathcal{A} 32'03	
	-725 Jun 23 j 17:41	30° \mathbb{R} 8			-723 Dec 16 j 17:10	0° \mathcal{Z}	
direct	-725 Jun 29 j 11:37	29° \mathcal{B} 21'13			-722 Jan 09 j 17:26	0° \approx	
	-725 Jul 05 j 09:34	0° Π			-722 Feb 02 j 22:16	0° \mathcal{H}	
greatest brilliancy	-725 Jul 13 j 17:47	2° Π 52'18	-4.5m		-722 Feb 27 j 10:25	0° \mathcal{Y}	
	-725 Aug 17 j 21:21	0° \mathcal{G}		asc. node	-722 Mar 06 j 01:27	8° \mathcal{Y} 01'34	
morning max el	-725 Aug 17 j 18:50	29° Π 53'52	46°10'25		-722 Mar 24 j 09:44	0° \mathcal{B}	
	-725 Sep 15 j 04:51	0° Ω			-722 Apr 19 j 02:03	0° Π	
asc. node	-725 Sep 19 j 06:21	4° Ω 36'01			-722 May 16 j 00:01	0° \mathcal{G}	
	-725 Oct 10 j 23:59	0° \mathbb{M}		evening max el	-722 Jun 08 j 19:31	24° \mathcal{G} 20'11	45°29'12
	-725 Nov 04 j 17:25	0° Ω			-722 Jun 14 j 21:40	0° Ω	
	-725 Nov 28 j 23:35	0° \mathbb{M}		desc. node	-722 Jun 25 j 15:33	9° Ω 09'01	
	-725 Dec 23 j 02:02	0° \mathcal{A}		greatest brilliancy	-722 Jul 16 j 02:26	21° Ω 42'50	-4.5m
desc. node	-724 Jan 08 j 20:38	20° \mathcal{A} 53'14		retrograde	-722 Jul 27 j 14:53	24° Ω 03'42	
	-724 Jan 16 j 04:25	0° \mathcal{Z}		evening set	-722 Aug 14 j 09:52	18° Ω 10'32	
	-724 Feb 09 j 08:09	0° \approx		inferior conj	-722 Aug 17 j 16:50	16° Ω 11'23	-8°-43'-54
morning set	-724 Feb 21 j 20:48	15° \approx 31'24		minimum elong	-722 Aug 17 j 14:10	16° Ω 15'27	8°43'48
	-724 Mar 04 j 13:43	0° \mathcal{H}		min. Earth dist.	-722 Aug 18 j 05:51	15° Ω 51'29	0.27975 AU
	-724 Mar 28 j 21:20	0° \mathcal{Y}		morning rise	-722 Aug 20 j 18:20	14° Ω 20'00	
				direct	-722 Sep 07 j 22:04	8° Ω 09'26	
superior conj	-724 Mar 31 j 03:24	2° \mathcal{Y} 46'24	-1°-4'-16	greatest brilliancy	-722 Sep 22 j 04:47	11° Ω 50'33	-4.6m
minimum elong	-724 Mar 31 j 12:46	3° \mathcal{Y} 15'13	1°03'58	asc. node	-722 Oct 16 j 18:03	29° Ω 47'44	
max. Earth dist.	-724 Apr 01 j 23:26	5° \mathcal{Y} 01'53	1.73328 AU		-722 Oct 16 j 23:24	0° \mathbb{M}	
	-724 Apr 22 j 06:53	0° \mathcal{B}		morning max el	-722 Oct 28 j 13:55	11° \mathbb{M} 16'34	46°49'33
asc. node	-724 Apr 30 j 23:14	10° \mathcal{B} 39'14			-722 Nov 15 j 01:36	0° Ω	
evening rise	-724 May 07 j 03:32	18° \mathcal{B} 13'54			-722 Dec 11 j 02:18	0° \mathbb{M}	
	-724 May 16 j 17:57	0° Π			-721 Jan 05 j 03:44	0° \mathcal{A}	
	-724 Jun 10 j 06:14	0° \mathcal{G}			-721 Jan 29 j 20:54	0° \mathcal{Z}	
	-724 Jul 04 j 20:08	0° Ω		desc. node	-721 Feb 05 j 08:34	7° \mathcal{Z} 54'03	
	-724 Jul 29 j 13:11	0° \mathbb{M}			-721 Feb 23 j 11:18	0° \approx	
desc. node	-724 Aug 20 j 13:22	26° \mathbb{M} 29'00			-721 Mar 20 j 00:54	0° \mathcal{H}	
	-724 Aug 23 j 11:57	0° Ω			-721 Apr 13 j 14:12	0° \mathcal{Y}	
	-724 Sep 17 j 20:43	0° \mathbb{M}		morning set	-721 May 02 j 15:14	23° \mathcal{Y} 17'19	
	-724 Oct 14 j 01:29	0° \mathcal{A}			-721 May 08 j 02:49	0° \mathcal{B}	
evening max el	-724 Nov 04 j 05:21	22° \mathcal{A} 42'32	47°26'22	asc. node	-721 May 29 j 11:02	26° \mathcal{B} 10'06	
	-724 Nov 11 j 13:14	0° \mathcal{Z}			-721 Jun 01 j 13:54	0° Π	
asc. node	-724 Dec 11 j 15:39	23° \mathcal{Z} 12'27		max. Earth dist.	-721 Jun 05 j 15:57	5° Π 01'12	1.73554 AU
greatest brilliancy	-724 Dec 12 j 06:16	23° \mathcal{Z} 29'43	-4.7m				
retrograde	-724 Dec 25 j 08:01	26° \mathcal{Z} 43'09		superior conj	-721 Jun 07 j 21:28	7° Π 45'44	0°22'05
evening set	-723 Jan 10 j 13:33	21° \mathcal{Z} 28'56		minimum elong	-721 Jun 07 j 17:11	7° Π 32'33	0°21'53
min. Earth dist.	-723 Jan 14 j 04:39	19° \mathcal{Z} 16'01	0.27422 AU		-721 Jun 25 j 22:44	0° \mathcal{G}	
inferior conj	-723 Jan 15 j 05:10	18° \mathcal{Z} 37'34	7°20'12	evening rise	-721 Jul 13 j 14:09	21° \mathcal{G} 47'36	
minimum elong	-723 Jan 14 j 20:07	18° \mathcal{Z} 51'46	7°18'41		-721 Jul 20 j 05:20	0° Ω	
morning rise	-723 Jan 19 j 03:07	16° \mathcal{Z} 13'00			-721 Aug 13 j 10:45	0° \mathbb{M}	
direct	-723 Feb 04 j 19:28	10° \mathcal{Z} 45'55			-721 Sep 06 j 16:31	0° Ω	
greatest brilliancy	-723 Feb 15 j 10:36	12° \mathcal{Z} 50'59	-4.6m	desc. node	-721 Sep 18 j 01:23	14° Ω 02'44	
	-723 Mar 13 j 11:38	0° \approx			-721 Oct 01 j 00:07	0° \mathbb{M}	
morning max el	-723 Mar 26 j 01:20	11° \approx 31'37	46°05'44		-721 Oct 25 j 11:16	0° \mathcal{A}	
desc. node	-723 Apr 02 j 06:09	18° \approx 38'59			-721 Nov 19 j 05:38	0° \mathcal{Z}	
	-723 Apr 13 j 05:23	0° \mathcal{H}			-721 Dec 14 j 16:27	0° \approx	
	-723 May 10 j 13:29	0° \mathcal{Y}		asc. node	-720 Jan 09 j 03:34	28° \approx 11'18	
	-723 Jun 05 j 15:43	0° \mathcal{B}			-720 Jan 10 j 21:12	0° \mathcal{H}	
	-723 Jul 01 j 00:39	0° Π		evening max el	-720 Jan 15 j 15:29	4° \mathcal{H} 52'19	46°33'01
asc. node	-723 Jul 24 j 08:36	28° Π 10'30			-720 Feb 14 j 03:57	0° \mathcal{Y}	
	-723 Jul 25 j 20:31	0° \mathcal{G}		greatest brilliancy	-720 Feb 20 j 01:13	3° \mathcal{Y} 18'38	-4.6m
	-723 Aug 19 j 05:43	0° Ω		retrograde	-720 Mar 05 j 17:12	7° \mathcal{Y} 09'19	
	-723 Sep 12 j 07:08	0° \mathbb{M}		evening set	-720 Mar 22 j 17:01	1° \mathcal{Y} 31'40	
greatest brilliancy	-723 Sep 17 j 14:55	6° \mathbb{M} 40'33	-3.9m		-720 Mar 25 j 04:30	30° \mathbb{R} 8	
morning set	-723 Sep 19 j 08:51	8° \mathbb{M} 52'06		inferior conj	-720 Mar 27 j 00:50	28° \mathcal{H} 49'47	6°47'31
	-723 Oct 06 j 04:06	0° Ω		minimum elong	-720 Mar 27 j 09:54	28° \mathcal{H} 35'23	6°45'57
				min. Earth dist.	-720 Mar 27 j 02:02	28° \mathcal{H} 47'53	0.28926 AU
superior conj	-723 Oct 29 j 00:29	28° Ω 47'10	0°34'27	morning rise	-720 Apr 01 j 03:06	25° \mathcal{H} 41'29	
minimum elong	-723 Oct 29 j 08:50	29° Ω 13'28	0°34'04	direct	-720 Apr 17 j 12:34	20° \mathcal{H} 32'00	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-720 Apr 29 j 17:51	23° K 11'59		desc. node	-718 Oct 15 j 13:16	0° M 44'47	
greatest brilliancy	-720 Apr 29 j 22:33	23° K 16'51	-4.5m		-718 Nov 07 j 22:53	0° J	
	-720 May 11 j 23:36	0° Y			-718 Dec 02 j 01:12	0° Z	
morning max el	-720 Jun 05 j 07:58	20° Y 21'38	45°45'25		-718 Dec 26 j 08:23	0° \approx	
	-720 Jun 15 j 03:02	0° B			-717 Jan 20 j 01:24	0° K	
	-720 Jul 13 j 02:44	0° II		asc. node	-717 Feb 05 j 15:33	19° K 39'29	
	-720 Aug 08 j 04:39	0° S			-717 Feb 14 j 13:40	0° Y	
asc. node	-720 Aug 20 j 20:38	15° S 03'12			-717 Mar 13 j 17:35	0° B	
	-720 Sep 02 j 05:32	0° Q		evening max el	-717 Mar 27 j 10:48	13° B 51'09	45°25'27
	-720 Sep 26 j 14:50	0° M			-717 Apr 14 j 19:25	0° II	
	-720 Oct 20 j 15:15	0° A		greatest brilliancy	-717 Apr 30 j 17:21	10° II 05'35	-4.5m
	-720 Nov 13 j 11:55	0° M		retrograde	-717 May 14 j 23:52	13° II 39'00	
morning set	-720 Dec 03 j 21:15	25° M 39'23		desc. node	-717 May 28 j 05:42	10° II 15'10	
	-720 Dec 07 j 08:10	0° J		evening set	-717 May 30 j 00:24	9° II 20'04	
desc. node	-720 Dec 10 j 10:50	3° J 54'32		inferior conj	-717 Jun 05 j 11:34	5° II 29'45	-1°-54'-38
	-720 Dec 31 j 05:48	0° Z		minimum elong	-717 Jun 05 j 07:25	5° II 36'13	1°53'28
				min. Earth dist.	-717 Jun 05 j 17:24	5° II 20'39	0.28922 AU
superior conj	-719 Jan 14 j 20:21	18° Z 16'37	-1°-10'-55	morning rise	-717 Jun 11 j 13:59	1° II 49'40	
minimum elong	-719 Jan 14 j 09:38	17° Z 43'06	1°10'39		-717 Jun 15 j 04:07	30° R B	
max. Earth dist.	-719 Jan 19 j 03:31	23° Z 38'49	1.71773 AU	direct	-717 Jun 27 j 03:35	27° B 11'29	
	-719 Jan 24 j 05:40	0° \approx			-717 Jul 09 j 19:28	0° II	
	-719 Feb 17 j 08:31	0° K		greatest brilliancy	-717 Jul 11 j 10:47	0° II 43'24	-4.5m
evening rise	-719 Feb 23 j 23:15	8° K 11'42		morning max el	-717 Aug 15 j 10:41	27° II 40'59	46°09'02
	-719 Mar 13 j 15:17	0° Y			-717 Aug 17 j 19:16	0° S	
asc. node	-719 Apr 02 j 13:24	24° Y 25'51			-717 Sep 14 j 20:43	0° Q	
	-719 Apr 07 j 02:56	0° B		asc. node	-717 Sep 18 j 08:24	3° Q 57'47	
	-719 May 01 j 20:30	0° II			-717 Oct 10 j 13:43	0° M	
	-719 May 26 j 21:31	0° S			-717 Nov 04 j 06:09	0° A	
	-719 Jun 21 j 09:29	0° Q			-717 Nov 28 j 11:46	0° M	
	-719 Jul 17 j 16:21	0° M			-717 Dec 22 j 13:52	0° J	
desc. node	-719 Jul 23 j 03:28	6° M 03'35		desc. node	-716 Jan 07 j 22:47	20° J 23'45	
	-719 Aug 14 j 15:52	0° A			-716 Jan 15 j 15:58	0° Z	
evening max el	-719 Aug 21 j 02:11	6° A 24'48	46°41'21		-716 Feb 08 j 19:29	0° \approx	
	-719 Sep 18 j 01:31	0° M		morning set	-716 Feb 19 j 10:00	13° \approx 08'47	
greatest brilliancy	-719 Sep 29 j 09:23	5° M 56'25	-4.6m		-716 Mar 04 j 00:53	0° K	
retrograde	-719 Oct 10 j 00:46	8° M 01'49			-716 Mar 28 j 08:23	0° Y	
evening set	-719 Oct 25 j 01:18	3° M 38'02					
inferior conj	-719 Oct 30 j 13:53	0° M 23'25	-3°-27'-35	superior conj	-716 Mar 28 j 19:48	0° Y 35'08	-1°-6'-23
minimum elong	-719 Oct 30 j 21:19	0° M 12'06	3°25'21	minimum elong	-716 Mar 29 j 05:05	1° Y 03'46	1°06'07
min. Earth dist.	-719 Oct 30 j 20:19	0° M 13'37	0.26407 AU	max. Earth dist.	-716 Mar 30 j 16:51	2° Y 53'50	1.73289 AU
	-719 Oct 31 j 05:17	30° R A			-716 Apr 21 j 17:54	0° B	
morning rise	-719 Nov 05 j 17:07	26° A 49'04		asc. node	-716 Apr 30 j 01:14	10° B 11'38	
asc. node	-719 Nov 13 j 05:50	23° A 42'38		evening rise	-716 May 04 j 21:59	16° B 09'34	
direct	-719 Nov 19 j 22:36	22° A 47'14			-716 May 16 j 05:02	0° II	
greatest brilliancy	-719 Dec 02 j 06:39	25° A 37'46	-4.7m		-716 Jun 09 j 17:31	0° S	
	-719 Dec 10 j 07:38	0° M			-716 Jul 04 j 07:49	0° Q	
morning max el	-718 Jan 09 j 09:54	25° M 51'40	46°47'15		-716 Jul 29 j 01:30	0° M	
	-718 Jan 13 j 11:15	0° J		desc. node	-716 Aug 19 j 15:26	25° M 55'54	
	-718 Feb 10 j 01:12	0° Z			-716 Aug 23 j 01:14	0° A	
desc. node	-718 Mar 04 j 20:30	26° Z 10'43			-716 Sep 17 j 11:34	0° M	
	-718 Mar 08 j 03:10	0° \approx			-716 Oct 13 j 19:23	0° J	
	-718 Apr 02 j 14:33	0° K		evening max el	-716 Nov 01 j 20:05	20° J 19'28	47°26'43
	-718 Apr 27 j 18:07	0° Y			-716 Nov 11 j 16:05	0° Z	
	-718 May 22 j 16:02	0° B		greatest brilliancy	-716 Dec 09 j 21:17	21° Z 05'27	-4.7m
	-718 Jun 16 j 08:30	0° II		asc. node	-716 Dec 10 j 17:46	21° Z 28'31	
asc. node	-718 Jun 25 j 22:52	11° II 44'37		retrograde	-716 Dec 22 j 22:52	24° Z 18'37	
morning set	-718 Jul 08 j 21:18	27° II 38'38		evening set	-715 Jan 08 j 00:03	19° Z 09'43	
	-718 Jul 10 j 19:09	0° S		min. Earth dist.	-715 Jan 11 j 18:04	16° Z 52'53	0.27352 AU
	-718 Aug 04 j 00:17	0° Q		inferior conj	-715 Jan 12 j 19:03	16° Z 13'49	7°08'07
max. Earth dist.	-718 Aug 10 j 13:25	8° Q 09'17	1.72239 AU	minimum elong	-715 Jan 12 j 09:40	16° Z 28'30	7°06'28
				morning rise	-715 Jan 16 j 19:46	13° Z 45'39	
superior conj	-718 Aug 14 j 13:19	13° Q 08'16	1°23'11	direct	-715 Feb 02 j 08:46	8° Z 23'11	
minimum elong	-718 Aug 14 j 10:08	12° Q 58'20	1°23'09	greatest brilliancy	-715 Feb 12 j 23:32	10° Z 28'29	-4.6m
	-718 Aug 28 j 01:17	0° M			-715 Mar 13 j 17:26	0° \approx	
	-718 Sep 21 j 00:12	0° A		morning max el	-715 Mar 23 j 16:31	9° \approx 15'51	46°07'06
evening rise	-718 Sep 21 j 13:39	0° A 42'05		desc. node	-715 Apr 01 j 08:11	17° \approx 51'55	
	-718 Oct 14 j 22:58	0° M			-715 Apr 12 j 23:15	0° K	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-715 May 10 j 03:53	0°♄			-712 Jan 10 j 17:43	0°♄	
	-715 Jun 05 j 04:32	0°♄		evening max el	-712 Jan 13 j 06:49	2°♄35'22	46°35'41
	-715 Jun 30 j 12:37	0°♄			-712 Feb 15 j 14:03	0°♄	
asc. node	-715 Jul 23 j 10:50	27°♄42'16		greatest brilliancy	-712 Feb 17 j 19:51	1°♄09'42	-4.6m
	-715 Jul 25 j 08:00	0°♄		retrograde	-712 Mar 03 j 09:29	4°♄58'00	
	-715 Aug 18 j 16:58	0°♄			-712 Mar 19 j 06:51	30°♄	
	-715 Sep 11 j 18:18	0°♄		evening set	-712 Mar 20 j 12:04	29°♄16'50	
morning set	-715 Sep 16 j 22:51	6°♄30'24		inferior conj	-712 Mar 24 j 17:14	26°♄38'40	6°59'13
	-715 Oct 05 j 15:18	0°♄		minimum elong	-712 Mar 25 j 02:05	26°♄24'36	6°57'47
				min. Earth dist.	-712 Mar 24 j 17:47	26°♄37'48	0.28899 AU
superior conj	-715 Oct 26 j 10:54	26°♄13'19	0°38'01	morning rise	-712 Mar 29 j 16:22	23°♄34'34	
minimum elong	-715 Oct 26 j 19:52	26°♄41'32	0°37'36	direct	-712 Apr 15 j 04:25	18°♄21'34	
max. Earth dist.	-715 Oct 26 j 21:50	26°♄47'44	1.71016 AU	greatest brilliancy	-712 Apr 27 j 11:26	21°♄03'02	-4.5m
	-715 Oct 29 j 10:52	0°♄		desc. node	-712 Apr 28 j 19:52	21°♄38'04	
desc. node	-715 Nov 12 j 01:08	17°♄07'10			-712 May 12 j 17:24	0°♄	
	-715 Nov 22 j 06:54	0°♄		morning max el	-712 Jun 02 j 23:00	18°♄09'29	45°45'17
evening rise	-715 Dec 07 j 08:25	18°♄55'18			-712 Jun 14 j 22:00	0°♄	
	-715 Dec 16 j 04:31	0°♄			-712 Jul 12 j 17:20	0°♄	
	-714 Jan 09 j 04:51	0°♄			-712 Aug 07 j 17:30	0°♄	
	-714 Feb 02 j 09:50	0°♄		asc. node	-712 Aug 19 j 22:34	14°♄31'55	
	-714 Feb 26 j 22:20	0°♄			-712 Sep 01 j 17:32	0°♄	
asc. node	-714 Mar 05 j 03:30	7°♄31'23			-712 Sep 26 j 02:23	0°♄	
	-714 Mar 23 j 22:18	0°♄			-712 Oct 20 j 02:34	0°♄	
	-714 Apr 18 j 15:58	0°♄			-712 Nov 12 j 23:06	0°♄	
	-714 May 15 j 16:59	0°♄		morning set	-712 Dec 01 j 07:10	23°♄04'43	
evening max el	-714 Jun 06 j 11:09	22°♄07'39	45°27'42		-712 Dec 06 j 19:16	0°♄	
	-714 Jun 15 j 00:43	0°♄		desc. node	-712 Dec 09 j 13:00	3°♄26'33	
desc. node	-714 Jun 24 j 17:46	8°♄02'58			-712 Dec 30 j 16:51	0°♄	
greatest brilliancy	-714 Jul 13 j 14:03	19°♄23'46	-4.5m				
retrograde	-714 Jul 25 j 04:45	21°♄46'17		superior conj	-711 Jan 12 j 07:07	15°♄45'50	-1°-8'-42
evening set	-714 Aug 11 j 21:37	15°♄56'34		minimum elong	-711 Jan 11 j 20:01	15°♄11'08	1°08'24
inferior conj	-714 Aug 15 j 07:06	13°♄53'25	-8°-40'-14	max. Earth dist.	-711 Jan 16 j 13:43	21°♄06'24	1.71720 AU
minimum elong	-714 Aug 15 j 03:38	13°♄58'44	8°40'04		-711 Jan 23 j 16:40	0°♄	
min. Earth dist.	-714 Aug 15 j 19:15	13°♄34'48	0.28026 AU		-711 Feb 16 j 19:29	0°♄	
morning rise	-714 Aug 18 j 09:29	12°♄00'29		evening rise	-711 Feb 21 j 12:29	5°♄50'07	
direct	-714 Sep 05 j 13:26	5°♄50'57			-711 Mar 13 j 02:15	0°♄	
greatest brilliancy	-714 Sep 19 j 18:49	9°♄30'16	-4.6m	asc. node	-711 Apr 01 j 15:24	23°♄58'00	
asc. node	-714 Oct 15 j 20:06	28°♄48'02			-711 Apr 06 j 14:04	0°♄	
	-714 Oct 17 j 02:50	0°♄			-711 May 01 j 08:00	0°♄	
morning max el	-714 Oct 26 j 04:13	8°♄53'53	46°48'27		-711 May 26 j 09:44	0°♄	
	-714 Nov 14 j 19:16	0°♄			-711 Jun 20 j 22:57	0°♄	
	-714 Dec 10 j 17:00	0°♄			-711 Jul 17 j 08:12	0°♄	
	-713 Jan 04 j 17:01	0°♄		desc. node	-711 Jul 22 j 05:33	5°♄23'45	
	-713 Jan 29 j 09:19	0°♄			-711 Aug 14 j 13:36	0°♄	
desc. node	-713 Feb 04 j 10:41	7°♄23'09		evening max el	-711 Aug 18 j 14:11	3°♄58'50	46°38'36
	-713 Feb 22 j 23:08	0°♄			-711 Sep 19 j 14:31	0°♄	
	-713 Mar 19 j 12:19	0°♄		greatest brilliancy	-711 Sep 26 j 23:30	3°♄30'02	-4.6m
	-713 Apr 13 j 01:18	0°♄		retrograde	-711 Oct 07 j 12:10	5°♄33'16	
morning set	-713 Apr 30 j 09:20	21°♄12'20		evening set	-711 Oct 22 j 15:57	1°♄05'55	
	-713 May 07 j 13:44	0°♄			-711 Oct 24 j 14:40	30°♄	
asc. node	-713 May 28 j 13:08	25°♄43'17		inferior conj	-711 Oct 28 j 02:03	27°♄55'12	-3°-49'-54
	-713 Jun 01 j 00:45	0°♄		minimum elong	-711 Oct 28 j 10:09	27°♄42'53	3°47'32
max. Earth dist.	-713 Jun 03 j 12:58	3°♄04'58	1.73574 AU	min. Earth dist.	-711 Oct 28 j 10:18	27°♄42'39	0.26432 AU
				morning rise	-711 Nov 03 j 03:59	24°♄22'26	
superior conj	-713 Jun 05 j 16:05	5°♄42'04	0°19'04	asc. node	-711 Nov 12 j 07:53	20°♄50'34	
minimum elong	-713 Jun 05 j 12:21	5°♄30'35	0°18'54	direct	-711 Nov 17 j 10:31	20°♄18'13	
	-713 Jun 25 j 09:36	0°♄		greatest brilliancy	-711 Nov 29 j 22:20	23°♄12'31	-4.7m
evening rise	-713 Jul 11 j 08:44	19°♄42'43			-711 Dec 11 j 12:11	0°♄	
	-713 Jul 19 j 16:21	0°♄		morning max el	-710 Jan 06 j 22:46	23°♄25'04	46°48'19
	-713 Aug 12 j 22:00	0°♄			-710 Jan 13 j 08:24	0°♄	
	-713 Sep 06 j 04:06	0°♄			-710 Feb 09 j 17:01	0°♄	
desc. node	-713 Sep 17 j 03:24	13°♄32'38		desc. node	-710 Mar 03 j 22:28	25°♄36'18	
	-713 Sep 30 j 12:08	0°♄			-710 Mar 07 j 16:45	0°♄	
	-713 Oct 24 j 23:56	0°♄			-710 Apr 02 j 02:54	0°♄	
	-713 Nov 18 j 19:18	0°♄			-710 Apr 27 j 05:43	0°♄	
	-713 Dec 14 j 08:01	0°♄			-710 May 22 j 03:10	0°♄	
asc. node	-712 Jan 08 j 05:44	27°♄24'54			-710 Jun 15 j 19:21	0°♄	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-710 Jun 25 j 01:02	11° Π 18'13		asc. node	-708 Dec 09 j 19:57	19° Z 41'41	
morning set	-710 Jul 06 j 14:55	25° Π 31'57		retrograde	-708 Dec 20 j 13:52	21° Z 54'45	
	-710 Jul 10 j 05:53	0° S		evening set	-707 Jan 05 j 10:35	16° Z 51'22	
	-710 Aug 03 j 11:01	0° Ω		min. Earth dist.	-707 Jan 09 j 07:24	14° Z 30'38	0.27279 AU
max. Earth dist.	-710 Aug 08 j 07:13	6° Ω 01'41	1.72300 AU	inferior conj	-707 Jan 10 j 08:51	13° Z 50'54	6°55'17
				minimum elong	-707 Jan 09 j 23:12	14° Z 05'58	6°53'27
superior conj	-710 Aug 12 j 05:51	10° Ω 56'36	1°22'31	morning rise	-707 Jan 14 j 12:22	11° Z 19'01	
minimum elong	-710 Aug 12 j 02:00	10° Ω 44'35	1°22'30	direct	-707 Jan 30 j 22:26	6° Z 01'33	
	-710 Aug 27 j 12:06	0° M		greatest brilliancy	-707 Feb 10 j 11:41	8° Z 06'07	-4.6m
evening rise	-710 Sep 19 j 02:49	28° M 18'40			-707 Mar 13 j 20:46	0° \approx	
	-710 Sep 20 j 11:10	0° $\underline{\Delta}$		morning max el	-707 Mar 21 j 07:34	7° \approx 01'01	46°08'29
	-710 Oct 14 j 10:07	0° M		desc. node	-707 Mar 31 j 10:17	17° \approx 07'09	
desc. node	-710 Oct 14 j 15:20	0° M 16'22			-707 Apr 12 j 16:14	0° X	
	-710 Nov 07 j 10:13	0° Z			-707 May 09 j 17:41	0° Y	
	-710 Dec 01 j 12:47	0° Z			-707 Jun 04 j 16:52	0° X	
	-710 Dec 25 j 20:19	0° \approx			-707 Jun 30 j 00:10	0° Π	
	-709 Jan 19 j 14:03	0° X		asc. node	-707 Jul 22 j 12:49	27° Π 14'21	
asc. node	-709 Feb 04 j 17:31	19° X 05'48			-707 Jul 24 j 19:06	0° S	
	-709 Feb 14 j 03:50	0° Y			-707 Aug 18 j 03:52	0° Ω	
	-709 Mar 13 j 11:36	0° X			-707 Sep 11 j 05:08	0° M	
evening max el	-709 Mar 25 j 02:30	11° X 40'35	45°26'54	morning set	-707 Sep 14 j 13:00	4° M 10'17	
	-709 Apr 15 j 07:51	0° Π			-707 Oct 05 j 02:10	0° $\underline{\Delta}$	
greatest brilliancy	-709 Apr 28 j 07:02	7° Π 54'35	-4.5m				
retrograde	-709 May 12 j 16:39	11° Π 31'32		superior conj	-707 Oct 23 j 21:35	23° $\underline{\Delta}$ 41'27	0°41'27
desc. node	-709 May 27 j 07:53	7° Π 23'53		minimum elong	-707 Oct 24 j 07:04	24° $\underline{\Delta}$ 11'18	0°41'02
evening set	-709 May 27 j 16:41	7° Π 12'06		max. Earth dist.	-707 Oct 24 j 04:01	24° $\underline{\Delta}$ 01'42	1.71029 AU
inferior conj	-709 Jun 03 j 03:57	3° Π 21'36	-1°-35'-19		-707 Oct 28 j 21:47	0° M	
minimum elong	-709 Jun 03 j 00:29	3° Π 27'00	1°34'19	desc. node	-707 Nov 11 j 03:18	16° M 39'32	
min. Earth dist.	-709 Jun 03 j 09:49	3° Π 12'29	0.28938 AU		-707 Nov 21 j 17:53	0° Z	
	-709 Jun 08 j 17:23	30° R		evening rise	-707 Dec 04 j 17:47	16° Z 19'30	
morning rise	-709 Jun 09 j 07:55	29° X 39'39			-707 Dec 15 j 15:34	0° Z	
direct	-709 Jun 24 j 20:09	25° X 02'56			-706 Jan 08 j 15:59	0° \approx	
greatest brilliancy	-709 Jul 09 j 03:33	28° X 35'31	-4.5m		-706 Feb 01 j 21:07	0° X	
	-709 Jul 11 j 23:24	0° Π			-706 Feb 26 j 09:56	0° Y	
morning max el	-709 Aug 13 j 03:14	25° Π 31'14	46°07'37	asc. node	-706 Mar 04 j 05:33	7° Y 02'12	
	-709 Aug 17 j 15:56	0° S			-706 Mar 23 j 10:34	0° X	
	-709 Sep 14 j 11:55	0° Ω			-706 Apr 18 j 05:37	0° Π	
asc. node	-709 Sep 17 j 10:28	3° Ω 21'08			-706 May 15 j 09:53	0° S	
	-709 Oct 10 j 02:57	0° M		evening max el	-706 Jun 04 j 02:10	19° S 54'40	45°26'05
	-709 Nov 03 j 18:27	0° $\underline{\Delta}$			-706 Jun 15 j 05:02	0° Ω	
	-709 Nov 27 j 23:33	0° M		desc. node	-706 Jun 23 j 19:49	6° Ω 55'46	
	-709 Dec 22 j 01:18	0° Z		greatest brilliancy	-706 Jul 11 j 02:33	17° Ω 06'39	-4.5m
desc. node	-708 Jan 07 j 00:53	19° Z 55'23		retrograde	-706 Jul 22 j 18:09	19° Ω 30'02	
	-708 Jan 15 j 03:07	0° Z		evening set	-706 Aug 09 j 09:09	13° Ω 44'19	
	-708 Feb 08 j 06:23	0° \approx		inferior conj	-706 Aug 12 j 21:30	11° Ω 36'44	-8°-35'-41
morning set	-708 Feb 16 j 23:23	10° \approx 48'00		minimum elong	-706 Aug 12 j 17:13	11° Ω 43'19	8°35'27
	-708 Mar 03 j 11:36	0° X		min. Earth dist.	-706 Aug 13 j 09:09	11° Ω 18'50	0.28076 AU
				morning rise	-706 Aug 16 j 01:05	9° Ω 41'43	
superior conj	-708 Mar 26 j 12:15	28° X 25'14	-1°-8'-24	direct	-706 Sep 03 j 04:27	3° Ω 33'35	
minimum elong	-708 Mar 26 j 21:26	28° X 53'32	1°08'10	greatest brilliancy	-706 Sep 17 j 09:26	7° Ω 11'36	-4.6m
	-708 Mar 27 j 19:01	0° Y		asc. node	-706 Oct 14 j 22:14	27° Ω 50'37	
max. Earth dist.	-708 Mar 28 j 12:00	0° Y 52'18	1.73254 AU		-706 Oct 17 j 04:28	0° M	
	-708 Apr 21 j 04:31	0° X		morning max el	-706 Oct 23 j 17:30	6° M 29'27	46°47'23
asc. node	-708 Apr 29 j 03:24	9° X 45'40			-706 Nov 14 j 12:18	0° $\underline{\Delta}$	
evening rise	-708 May 02 j 16:26	14° X 06'22			-706 Dec 10 j 07:17	0° M	
greatest brilliancy	-708 May 02 j 20:47	14° X 19'42	-3.9m		-705 Jan 04 j 05:57	0° Z	
	-708 May 15 j 15:45	0° Π			-705 Jan 28 j 21:27	0° Z	
	-708 Jun 09 j 04:27	0° S		desc. node	-705 Feb 03 j 12:38	6° Z 52'29	
	-708 Jul 03 j 19:09	0° Ω			-705 Feb 22 j 10:44	0° \approx	
	-708 Jul 28 j 13:29	0° M			-705 Mar 18 j 23:31	0° X	
desc. node	-708 Aug 18 j 17:26	25° M 23'34			-705 Apr 12 j 12:12	0° Y	
	-708 Aug 22 j 14:14	0° $\underline{\Delta}$		morning set	-705 Apr 28 j 03:36	19° Y 08'34	
	-708 Sep 17 j 02:12	0° M			-705 May 07 j 00:25	0° X	
	-708 Oct 13 j 13:16	0° Z		asc. node	-705 May 27 j 15:17	25° X 17'21	
evening max el	-708 Oct 30 j 11:46	17° Z 59'56	47°26'50		-705 May 31 j 11:21	0° Π	
	-708 Nov 11 j 20:06	0° Z		max. Earth dist.	-705 Jun 01 j 09:26	1° Π 07'50	1.73592 AU
greatest brilliancy	-708 Dec 07 j 12:41	18° Z 42'39	-4.7m				

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-705 Jun 03 j 10:59	3° Π 40'02	0°16'04	asc. node	-703 Nov 11 j 10:05	18° Ω 03'38	
minimum elong	-705 Jun 03 j 07:49	3° Π 30'18	0°15'55	direct	-703 Nov 14 j 22:51	17° Ω 48'08	
	-705 Jun 24 j 20:16	0° Ω		greatest brilliancy	-703 Nov 27 j 14:08	20° Ω 46'33	-4.7m
evening rise	-705 Jul 09 j 03:35	17° Ω 39'25			-703 Dec 12 j 09:29	0° Π	
	-705 Jul 19 j 03:11	0° Ω		morning max el	-702 Jan 04 j 12:33	20° Π 59'52	46°49'20
	-705 Aug 12 j 09:07	0° Π			-702 Jan 13 j 05:09	0° \mathcal{X}	
	-705 Sep 05 j 15:34	0° Ω			-702 Feb 09 j 08:49	0° \mathcal{Z}	
desc. node	-705 Sep 16 j 05:29	13° Ω 03'04		desc. node	-702 Mar 03 j 00:39	25° \mathcal{Z} 02'06	
	-705 Sep 30 j 00:05	0° Π			-702 Mar 07 j 06:24	0° \approx	
	-705 Oct 24 j 12:32	0° \mathcal{X}			-702 Apr 01 j 15:23	0° \mathcal{H}	
	-705 Nov 18 j 08:56	0° \mathcal{Z}			-702 Apr 26 j 17:29	0° Υ	
	-705 Dec 13 j 23:41	0° \approx			-702 May 21 j 14:29	0° \mathcal{B}	
asc. node	-704 Jan 07 j 07:42	26° \approx 37'40			-702 Jun 15 j 06:24	0° Π	
	-704 Jan 10 j 14:49	0° \mathcal{H}		asc. node	-702 Jun 24 j 03:03	10° Π 50'42	
evening max el	-704 Jan 10 j 21:09	0° \mathcal{H} 16'02	46°38'19	morning set	-702 Jul 04 j 08:50	23° Π 25'40	
greatest brilliancy	-704 Feb 15 j 13:53	28° \mathcal{H} 59'54	-4.6m		-702 Jul 09 j 16:49	0° Ω	
	-704 Feb 17 j 18:15	0° Υ			-702 Aug 02 j 21:55	0° Ω	
retrograde	-704 Mar 01 j 01:32	2° Υ 46'47		max. Earth dist.	-702 Aug 06 j 01:45	3° Ω 55'59	1.72354 AU
	-704 Mar 12 j 19:12	30° \mathcal{R} \mathcal{H}					
evening set	-704 Mar 18 j 07:02	27° \mathcal{H} 01'58		superior conj	-702 Aug 09 j 22:46	8° Ω 45'39	1°21'45
inferior conj	-704 Mar 22 j 09:37	24° \mathcal{H} 27'40	7°10'23	minimum elong	-702 Aug 09 j 18:17	8° Ω 31'42	1°21'43
minimum elong	-704 Mar 22 j 18:11	24° \mathcal{H} 14'02	7°09'04		-702 Aug 26 j 23:04	0° Π	
min. Earth dist.	-704 Mar 22 j 09:45	24° \mathcal{H} 27'27	0.28872 AU	evening rise	-702 Sep 16 j 16:25	25° Π 56'09	
morning rise	-704 Mar 27 j 05:33	21° \mathcal{H} 27'55			-702 Sep 19 j 22:19	0° Ω	
direct	-704 Apr 12 j 19:47	16° \mathcal{H} 11'01		desc. node	-702 Oct 13 j 17:31	29° Ω 47'38	
greatest brilliancy	-704 Apr 25 j 01:18	18° \mathcal{H} 50'22	-4.5m		-702 Oct 13 j 21:29	0° Π	
desc. node	-704 Apr 27 j 22:02	20° \mathcal{H} 07'36			-702 Nov 06 j 21:50	0° \mathcal{X}	
	-704 May 13 j 06:36	0° Υ			-702 Dec 01 j 00:41	0° \mathcal{Z}	
morning max el	-704 May 31 j 13:54	15° Υ 57'14	45°45'26		-702 Dec 25 j 08:39	0° \approx	
	-704 Jun 14 j 16:22	0° \mathcal{B}			-701 Jan 19 j 03:08	0° \mathcal{H}	
	-704 Jul 12 j 07:38	0° Π		asc. node	-701 Feb 03 j 19:38	18° \mathcal{H} 31'12	
	-704 Aug 07 j 06:10	0° Ω			-701 Feb 13 j 18:32	0° Υ	
asc. node	-704 Aug 19 j 00:42	14° Ω 01'34			-701 Mar 13 j 06:31	0° \mathcal{B}	
	-704 Sep 01 j 05:26	0° Ω		evening max el	-701 Mar 22 j 18:41	9° \mathcal{B} 30'04	45°28'28
	-704 Sep 25 j 13:56	0° Π			-701 Apr 16 j 01:21	0° Π	
	-704 Oct 19 j 13:55	0° Ω		greatest brilliancy	-701 Apr 25 j 21:43	5° Π 43'39	-4.5m
	-704 Nov 12 j 10:19	0° Π		retrograde	-701 May 10 j 09:26	9° Π 22'31	
morning set	-704 Nov 28 j 16:51	20° Π 29'00		evening set	-701 May 25 j 09:03	5° Π 02'40	
	-704 Dec 06 j 06:25	0° \mathcal{X}		desc. node	-701 May 26 j 09:59	4° Π 28'10	
desc. node	-704 Dec 08 j 15:05	2° \mathcal{X} 58'05		inferior conj	-701 May 31 j 20:11	1° Π 11'56	-1°-15'-47
	-704 Dec 30 j 03:56	0° \mathcal{Z}		minimum elong	-701 May 31 j 17:24	1° Π 16'15	1°14'59
				min. Earth dist.	-701 Jun 01 j 01:51	1° Π 03'06	0.28952 AU
superior conj	-703 Jan 09 j 17:32	13° \mathcal{Z} 13'49	-1°-6'-20		-701 Jun 02 j 18:32	30° \mathcal{R} \mathcal{B}	
minimum elong	-703 Jan 09 j 06:07	12° \mathcal{Z} 38'09	1°06'00	morning rise	-701 Jun 07 j 01:32	27° \mathcal{B} 28'14	
max. Earth dist.	-703 Jan 13 j 21:42	18° \mathcal{Z} 26'56	1.71667 AU	direct	-701 Jun 22 j 12:58	22° \mathcal{B} 53'03	
	-703 Jan 23 j 03:42	0° \approx		greatest brilliancy	-701 Jul 06 j 19:18	26° \mathcal{B} 25'08	-4.5m
	-703 Feb 16 j 06:30	0° \mathcal{H}			-701 Jul 13 j 10:12	0° Π	
evening rise	-703 Feb 19 j 01:30	3° \mathcal{H} 27'37		morning max el	-701 Aug 10 j 19:52	23° Π 20'53	46°06'24
	-703 Mar 12 j 13:20	0° Υ			-701 Aug 17 j 12:18	0° Ω	
asc. node	-703 Mar 31 j 17:35	23° Υ 30'28			-701 Sep 14 j 03:11	0° Ω	
	-703 Apr 06 j 01:19	0° \mathcal{B}		asc. node	-701 Sep 16 j 12:37	2° Ω 44'19	
	-703 Apr 30 j 19:39	0° Π			-701 Oct 09 j 16:20	0° Π	
	-703 May 25 j 22:05	0° Ω			-701 Nov 03 j 06:57	0° Ω	
	-703 Jun 20 j 12:33	0° Ω			-701 Nov 27 j 11:35	0° Π	
	-703 Jul 17 j 00:20	0° Π			-701 Dec 21 j 13:02	0° \mathcal{X}	
desc. node	-703 Jul 21 j 07:33	4° Π 43'14		desc. node	-700 Jan 06 j 02:52	19° \mathcal{X} 25'30	
	-703 Aug 14 j 12:15	0° Ω			-700 Jan 14 j 14:37	0° \mathcal{Z}	
evening max el	-703 Aug 16 j 02:11	1° Ω 32'58	46°35'47		-700 Feb 07 j 17:41	0° \approx	
	-703 Sep 21 j 23:45	0° Π		morning set	-700 Feb 14 j 12:10	8° \approx 23'57	
greatest brilliancy	-703 Sep 24 j 12:16	1° Π 01'48	-4.6m		-700 Mar 02 j 22:44	0° \mathcal{H}	
retrograde	-703 Oct 04 j 23:49	3° Π 04'18					
	-703 Oct 17 j 10:28	30° \mathcal{R} Ω		superior conj	-700 Mar 24 j 04:06	26° \mathcal{H} 12'10	-1°-10'-22
evening set	-703 Oct 20 j 06:36	28° Ω 32'44		minimum elong	-700 Mar 24 j 13:06	26° \mathcal{H} 39'55	1°10'07
inferior conj	-703 Oct 25 j 14:05	25° Ω 26'03	-4°-11'-48	max. Earth dist.	-700 Mar 26 j 08:18	28° \mathcal{H} 53'02	1.73215 AU
minimum elong	-703 Oct 25 j 22:47	25° Ω 12'51	4°09'20		-700 Mar 27 j 06:03	0° Υ	
min. Earth dist.	-703 Oct 25 j 23:50	25° Ω 11'16	0.26467 AU		-700 Apr 20 j 15:33	0° \mathcal{B}	
morning rise	-703 Oct 31 j 14:32	21° Ω 55'30		asc. node	-700 Apr 28 j 05:28	9° \mathcal{B} 18'10	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-700 Apr 30 j 10:29	12°♄00'44			-698 Dec 09 j 21:42	0°♍	
greatest brilliancy	-700 May 03 j 14:14	15°♄52'54	-3.9m		-697 Jan 03 j 19:03	0°♄	
	-700 May 15 j 02:53	0°♄			-697 Jan 28 j 09:45	0°♄	
	-700 Jun 08 j 15:49	0°♄		desc. node	-697 Feb 02 j 14:49	6°♄22'02	
	-700 Jul 03 j 06:56	0°♄			-697 Feb 21 j 22:30	0°♄	
	-700 Jul 28 j 01:55	0°♄			-697 Mar 18 j 10:56	0°♄	
desc. node	-700 Aug 17 j 19:35	24°♄50'34			-697 Apr 11 j 23:21	0°♄	
	-700 Aug 22 j 03:40	0°♄		morning set	-697 Apr 25 j 21:39	17°♄03'06	
	-700 Sep 16 j 17:19	0°♄			-697 May 06 j 11:25	0°♄	
	-700 Oct 13 j 07:50	0°♄		asc. node	-697 May 26 j 17:17	24°♄49'54	
evening max el	-700 Oct 28 j 03:39	15°♄40'12	47°26'47	max. Earth dist.	-697 May 30 j 05:01	29°♄06'59	1.73611 AU
	-700 Nov 12 j 02:19	0°♄			-697 May 30 j 22:17	0°♄	
greatest brilliancy	-700 Dec 05 j 04:31	16°♄19'32	-4.7m				
asc. node	-700 Dec 08 j 21:53	17°♄49'31		superior conj	-697 Jun 01 j 05:39	1°♄36'20	0°13'01
retrograde	-700 Dec 18 j 04:32	19°♄29'31		minimum elong	-697 Jun 01 j 03:03	1°♄28'23	0°12'54
evening set	-699 Jan 02 j 21:13	14°♄31'47		behind sun begin	-697 May 31 j 14:03	0°♄48'25	
min. Earth dist.	-699 Jan 06 j 20:55	12°♄06'50	0.27211 AU	behind sun end	-697 Jun 01 j 16:04	2°♄08'21	
inferior conj	-699 Jan 07 j 22:37	11°♄26'42	6°41'34		-697 Jun 24 j 07:14	0°♄	
minimum elong	-699 Jan 07 j 12:48	11°♄42'02	6°39'36	evening rise	-697 Jul 06 j 22:15	15°♄34'41	
morning rise	-699 Jan 12 j 05:02	8°♄50'48			-697 Jul 18 j 14:20	0°♄	
direct	-699 Jan 28 j 12:13	3°♄38'42			-697 Aug 11 j 20:33	0°♄	
greatest brilliancy	-699 Feb 07 j 23:59	5°♄42'15	-4.6m		-697 Sep 05 j 03:22	0°♄	
	-699 Mar 13 j 23:12	0°♄		desc. node	-697 Sep 15 j 07:37	12°♄32'39	
morning max el	-699 Mar 18 j 21:52	4°♄42'43	46°09'43		-697 Sep 29 j 12:22	0°♄	
desc. node	-699 Mar 30 j 12:25	16°♄21'42			-697 Oct 24 j 01:29	0°♄	
	-699 Apr 12 j 09:26	0°♄			-697 Nov 17 j 22:57	0°♄	
	-699 May 09 j 07:51	0°♄			-697 Dec 13 j 15:45	0°♄	
	-699 Jun 04 j 05:35	0°♄		asc. node	-696 Jan 06 j 09:51	25°♄49'55	
	-699 Jun 29 j 12:06	0°♄		evening max el	-696 Jan 08 j 11:07	27°♄55'22	46°41'06
asc. node	-699 Jul 21 j 14:52	26°♄45'29			-696 Jan 10 j 12:46	0°♄	
	-699 Jul 24 j 06:37	0°♄		greatest brilliancy	-696 Feb 13 j 06:49	26°♄48'36	-4.6m
	-699 Aug 17 j 15:09	0°♄			-696 Feb 22 j 04:42	0°♄	
	-699 Sep 10 j 16:22	0°♄		retrograde	-696 Feb 27 j 17:51	0°♄35'57	
morning set	-699 Sep 12 j 03:17	1°♄49'25			-696 Mar 04 j 03:57	30°♄	
	-699 Oct 04 j 13:23	0°♄		evening set	-696 Mar 16 j 02:04	24°♄47'12	
				inferior conj	-696 Mar 20 j 02:11	22°♄16'48	7°20'52
superior conj	-699 Oct 21 j 08:47	21°♄10'12	0°44'46	minimum elong	-696 Mar 20 j 10:25	22°♄03'41	7°19'40
minimum elong	-699 Oct 21 j 18:42	21°♄41'27	0°44'21	min. Earth dist.	-696 Mar 20 j 01:48	22°♄17'25	0.28848 AU
max. Earth dist.	-699 Oct 21 j 07:44	21°♄06'55	1.71039 AU	morning rise	-696 Mar 24 j 18:58	19°♄21'38	
	-699 Oct 28 j 09:02	0°♄		direct	-696 Apr 10 j 11:15	14°♄00'26	
desc. node	-699 Nov 10 j 05:20	16°♄10'34		greatest brilliancy	-696 Apr 22 j 16:21	16°♄39'02	-4.5m
	-699 Nov 21 j 05:09	0°♄		desc. node	-696 Apr 27 j 00:05	18°♄39'59	
evening rise	-699 Dec 02 j 03:30	13°♄43'52			-696 May 13 j 16:32	0°♄	
	-699 Dec 15 j 02:53	0°♄		morning max el	-696 May 29 j 05:27	13°♄46'00	45°45'27
	-698 Jan 08 j 03:25	0°♄			-696 Jun 14 j 10:30	0°♄	
	-698 Feb 01 j 08:46	0°♄			-696 Jul 11 j 22:02	0°♄	
	-698 Feb 25 j 21:57	0°♄			-696 Aug 06 j 19:00	0°♄	
asc. node	-698 Mar 03 j 07:42	6°♄32'03		asc. node	-696 Aug 18 j 02:54	13°♄30'55	
	-698 Mar 22 j 23:19	0°♄			-696 Aug 31 j 17:30	0°♄	
	-698 Apr 17 j 19:53	0°♄			-696 Sep 25 j 01:36	0°♄	
	-698 May 15 j 03:42	0°♄			-696 Oct 19 j 01:22	0°♄	
evening max el	-698 Jun 01 j 16:11	17°♄37'57	45°24'38		-696 Nov 11 j 21:40	0°♄	
	-698 Jun 15 j 12:03	0°♄		morning set	-696 Nov 26 j 02:33	17°♄52'52	
desc. node	-698 Jun 22 j 21:48	5°♄45'16			-696 Dec 05 j 17:42	0°♄	
greatest brilliancy	-698 Jul 08 j 14:58	14°♄48'09	-4.5m	desc. node	-696 Dec 07 j 17:04	2°♄28'54	
retrograde	-698 Jul 20 j 07:20	17°♄12'46			-696 Dec 29 j 15:09	0°♄	
evening set	-698 Aug 06 j 20:24	11°♄31'09					
inferior conj	-698 Aug 10 j 11:52	9°♄18'57	-8°-30'-24	superior conj	-695 Jan 07 j 03:57	10°♄41'21	-1°-3'-49
minimum elong	-698 Aug 10 j 06:48	9°♄26'44	8°30'02	minimum elong	-695 Jan 06 j 16:19	10°♄04'57	1°03'27
min. Earth dist.	-698 Aug 10 j 23:16	9°♄01'24	0.28125 AU	max. Earth dist.	-695 Jan 11 j 04:02	15°♄41'54	1.71612 AU
morning rise	-698 Aug 13 j 16:58	7°♄21'27			-695 Jan 22 j 14:50	0°♄	
direct	-698 Aug 31 j 19:00	1°♄14'54			-695 Feb 15 j 17:33	0°♄	
greatest brilliancy	-698 Sep 15 j 01:08	4°♄53'12	-4.6m	evening rise	-695 Feb 16 j 14:43	1°♄05'37	
asc. node	-698 Oct 14 j 00:19	26°♄53'12			-695 Mar 12 j 00:24	0°♄	
	-698 Oct 17 j 05:18	0°♄		asc. node	-695 Mar 30 j 19:40	23°♄02'31	
morning max el	-698 Oct 21 j 06:24	4°♄02'57	46°46'31		-695 Apr 05 j 12:36	0°♄	
	-698 Nov 14 j 05:22	0°♄			-695 Apr 30 j 07:20	0°♄	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-695 May 25 j 10:32	0°☿				-693 Nov 02 j 19:17	0°♊	
	-695 Jun 20 j 02:22	0°♋				-693 Nov 26 j 23:27	0°♌	
	-695 Jul 16 j 16:51	0°♍				-693 Dec 21 j 00:34	0°♎	
desc. node	-695 Jul 20 j 09:43	4°♍02'26		desc. node	-692 Jan 05 j 05:03	18°♎56'59		
evening max el	-695 Aug 13 j 14:59	29°♍09'03	46°33'03		-692 Jan 14 j 01:53	0°♏		
	-695 Aug 14 j 11:59	0°♐			-692 Feb 07 j 04:44	0°♑		
greatest brilliancy	-695 Sep 22 j 00:07	28°♐32'43	-4.6m	morning set	-692 Feb 12 j 00:49	6°♑00'10		
	-695 Sep 26 j 23:35	0°♑			-692 Mar 02 j 09:39	0°♒		
retrograde	-695 Oct 02 j 12:02	0°♑35'21						
	-695 Oct 07 j 21:18	30°♒♐		superior conj	-692 Mar 21 j 20:00	23°♒59'53	-1°-12'-12	
evening set	-695 Oct 17 j 21:25	25°♐59'26		minimum elong	-692 Mar 22 j 04:45	24°♒26'50	1°11'59	
inferior conj	-695 Oct 23 j 02:05	22°♐56'45	-4°-33'-11	max. Earth dist.	-692 Mar 24 j 05:25	26°♒56'51	1.73171 AU	
minimum elong	-695 Oct 23 j 11:20	22°♐42'46	4°30'37		-692 Mar 26 j 16:51	0°♓		
min. Earth dist.	-695 Oct 23 j 12:54	22°♐40'23	0.26505 AU		-692 Apr 20 j 02:18	0°♈		
morning rise	-695 Oct 29 j 00:50	19°♐28'54		asc. node	-692 Apr 27 j 07:30	8°♈51'25		
asc. node	-695 Nov 10 j 12:04	15°♐23'01		evening rise	-692 Apr 28 j 04:40	9°♈56'19		
direct	-695 Nov 12 j 11:43	15°♐18'07		greatest brilliancy	-692 May 05 j 04:34	18°♈30'52	-3.9m	
greatest brilliancy	-695 Nov 25 j 05:13	18°♐19'46	-4.7m		-692 May 14 j 13:42	0°♉		
	-695 Dec 13 j 01:23	0°♑			-692 Jun 08 j 02:52	0°♊		
morning max el	-694 Jan 02 j 02:59	18°♑36'18	46°50'17		-692 Jul 02 j 18:25	0°♋		
	-694 Jan 13 j 01:16	0°♒			-692 Jul 27 j 14:06	0°♌		
	-694 Feb 09 j 00:22	0°♓		desc. node	-692 Aug 16 j 21:39	24°♌17'57		
desc. node	-694 Mar 02 j 02:43	24°♓27'56			-692 Aug 21 j 16:56	0°♍		
	-694 Mar 06 j 19:53	0°♑			-692 Sep 16 j 08:25	0°♎		
	-694 Apr 01 j 03:42	0°♒			-692 Oct 13 j 02:43	0°♏		
	-694 Apr 26 j 05:05	0°♓		evening max el	-692 Oct 25 j 18:52	13°♏18'57	47°26'29	
	-694 May 21 j 01:39	0°♈			-692 Nov 12 j 10:47	0°♐		
	-694 Jun 14 j 17:21	0°♉		greatest brilliancy	-692 Dec 02 j 21:18	13°♐57'32	-4.7m	
asc. node	-694 Jun 23 j 05:10	10°♉23'51		asc. node	-692 Dec 08 j 00:03	15°♐53'07		
morning set	-694 Jul 02 j 02:58	21°♉20'21		retrograde	-692 Dec 15 j 18:34	17°♐03'55		
	-694 Jul 09 j 03:39	0°♊		evening set	-692 Dec 31 j 07:44	12°♐12'02		
	-694 Aug 02 j 08:46	0°♋		min. Earth dist.	-691 Jan 04 j 10:39	9°♐42'24	0.27140 AU	
max. Earth dist.	-694 Aug 03 j 18:47	1°♋45'46	1.72411 AU	inferior conj	-691 Jan 05 j 12:12	9°♐02'29	6°26'56	
				minimum elong	-691 Jan 05 j 02:16	9°♐18'00	6°24'50	
superior conj	-694 Aug 07 j 15:43	6°♋35'01	1°20'52	morning rise	-691 Jan 09 j 21:28	6°♐22'24		
minimum elong	-694 Aug 07 j 10:39	6°♋19'15	1°20'48	direct	-691 Jan 26 j 01:24	1°♐15'54		
	-694 Aug 26 j 10:01	0°♌		greatest brilliancy	-691 Feb 05 j 12:39	3°♐18'53	-4.6m	
evening rise	-694 Sep 14 j 05:57	23°♌33'32			-691 Mar 13 j 23:57	0°♑		
	-694 Sep 19 j 09:25	0°♍		morning max el	-691 Mar 16 j 11:01	2°♑22'12	46°11'05	
desc. node	-694 Oct 12 j 19:31	29°♍18'28		desc. node	-691 Mar 29 j 14:27	15°♑37'30		
	-694 Oct 13 j 08:47	0°♎			-691 Apr 12 j 01:57	0°♒		
	-694 Nov 06 j 09:23	0°♏			-691 May 08 j 21:32	0°♓		
	-694 Nov 30 j 12:31	0°♐			-691 Jun 03 j 17:52	0°♈		
	-694 Dec 24 j 20:55	0°♑			-691 Jun 28 j 23:36	0°♉		
asc. node	-693 Jan 18 j 16:13	0°♒		asc. node	-691 Jul 20 j 17:06	26°♉18'25		
	-693 Feb 02 j 21:48	17°♒56'58			-691 Jul 23 j 17:41	0°♊		
	-693 Feb 13 j 09:17	0°♓			-691 Aug 17 j 02:02	0°♋		
	-693 Mar 13 j 01:42	0°♈		morning set	-691 Sep 09 j 17:48	29°♋30'34		
evening max el	-693 Mar 20 j 11:26	7°♈21'39	45°30'11		-691 Sep 10 j 03:12	0°♌		
	-693 Apr 17 j 00:20	0°♉			-691 Oct 04 j 00:17	0°♍		
greatest brilliancy	-693 Apr 23 j 13:46	3°♉35'45	-4.5m					
retrograde	-693 May 08 j 02:19	7°♉15'03		superior conj	-691 Oct 18 j 20:01	18°♉40'00	0°47'59	
evening set	-693 May 23 j 01:55	2°♉54'56		minimum elong	-691 Oct 19 j 06:17	19°♉12'21	0°47'34	
desc. node	-693 May 25 j 11:55	1°♉32'23		max. Earth dist.	-691 Oct 18 j 10:00	18°♉08'30	1.71063 AU	
	-693 May 28 j 00:45	30°♒♉			-691 Oct 27 j 20:00	0°♎		
inferior conj	-693 May 29 j 12:43	29°♉04'03	0°-56'-22	desc. node	-691 Nov 09 j 07:23	15°♎42'20		
minimum elong	-693 May 29 j 10:39	29°♉07'16	0°55'46		-691 Nov 20 j 16:12	0°♏		
min. Earth dist.	-693 May 29 j 18:10	28°♉55'34	0.28963 AU	evening rise	-691 Nov 29 j 12:44	11°♏07'24		
morning rise	-693 Jun 04 j 19:16	25°♉18'39			-691 Dec 14 j 14:00	0°♐		
direct	-693 Jun 20 j 06:09	20°♉45'10			-690 Jan 07 j 14:38	0°♑		
greatest brilliancy	-693 Jul 04 j 10:06	24°♉14'59	-4.5m		-690 Jan 31 j 20:09	0°♒		
	-693 Jul 14 j 10:14	0°♊			-690 Feb 25 j 09:43	0°♓		
morning max el	-693 Aug 08 j 12:01	21°♊10'18	46°04'53	asc. node	-690 Mar 02 j 09:45	6°♓02'24		
	-693 Aug 17 j 07:46	0°♋			-690 Mar 22 j 11:49	0°♈		
	-693 Sep 13 j 18:05	0°♌			-690 Apr 17 j 09:56	0°♉		
asc. node	-693 Sep 15 j 14:40	2°♋07'55			-690 May 14 j 21:27	0°♊		
	-693 Oct 09 j 05:30	0°♍		evening max el	-690 May 30 j 05:54	15°♊21'57	45°23'28	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-690 Jun 15 j 20:51	0°♈		morning set	-688 Nov 23 j 12:48	15°♌19'33	
desc. node	-690 Jun 22 j 00:02	4°♈34'56			-688 Dec 05 j 04:39	0°♏	
greatest brilliancy	-690 Jul 06 j 02:59	12°♈31'18	-4.5m	desc. node	-688 Dec 06 j 19:16	2°♏01'23	
retrograde	-690 Jul 17 j 21:15	14°♈58'21			-688 Dec 29 j 02:04	0°♐	
evening set	-690 Aug 04 j 07:49	9°♈20'46					
inferior conj	-690 Aug 08 j 02:35	7°♈03'50	-8°-24'-17	superior conj	-687 Jan 04 j 14:14	8°♐09'11	-1°-1'-8
minimum elong	-690 Aug 07 j 20:48	7°♈12'43	8°23'48	minimum elong	-687 Jan 04 j 02:29	7°♐32'25	1°00'46
min. Earth dist.	-690 Aug 08 j 13:42	6°♈46'45	0.28173 AU	max. Earth dist.	-687 Jan 08 j 11:21	13°♐00'33	1.71570 AU
morning rise	-690 Aug 11 j 09:33	5°♈03'34			-687 Jan 22 j 01:43	0°♑	
	-690 Aug 22 j 06:22	30°♈♌		evening rise	-687 Feb 14 j 03:31	28°♑42'47	
direct	-690 Aug 29 j 09:42	28°♈58'51			-687 Feb 15 j 04:26	0°♒	
	-690 Sep 05 j 18:20	0°♈			-687 Mar 11 j 11:22	0°♓	
greatest brilliancy	-690 Sep 12 j 17:48	2°♈38'33	-4.6m	asc. node	-687 Mar 29 j 21:40	22°♓34'45	
asc. node	-690 Oct 13 j 02:23	25°♈58'38			-687 Apr 04 j 23:45	0°♈	
	-690 Oct 17 j 04:21	0°♐			-687 Apr 29 j 18:55	0°♑	
morning max el	-690 Oct 18 j 19:57	1°♐39'49	46°45'23		-687 May 24 j 22:53	0°♒	
	-690 Nov 13 j 21:40	0°♑			-687 Jun 19 j 16:08	0°♈	
	-690 Dec 09 j 11:38	0°♌			-687 Jul 16 j 09:29	0°♐	
	-689 Jan 03 j 07:49	0°♏		desc. node	-687 Jul 19 j 11:47	3°♐21'30	
	-689 Jan 27 j 21:48	0°♐		evening max el	-687 Aug 11 j 04:48	26°♐48'28	46°30'23
desc. node	-689 Feb 01 j 16:55	5°♐52'03			-687 Aug 14 j 12:34	0°♑	
	-689 Feb 21 j 10:02	0°♑		greatest brilliancy	-687 Sep 19 j 11:54	26°♑04'54	-4.6m
	-689 Mar 17 j 22:04	0°♒		retrograde	-687 Sep 30 j 00:36	28°♑07'36	
	-689 Apr 11 j 10:12	0°♓		evening set	-687 Oct 15 j 12:32	23°♑27'30	
morning set	-689 Apr 23 j 15:23	14°♓57'32		inferior conj	-687 Oct 20 j 14:13	20°♑28'47	-4°-53'-53
	-689 May 05 j 22:05	0°♈		minimum elong	-687 Oct 20 j 23:56	20°♑14'05	4°51'15
asc. node	-689 May 25 j 19:25	24°♈23'52		min. Earth dist.	-687 Oct 21 j 01:44	20°♑11'21	0.26540 AU
max. Earth dist.	-689 May 28 j 01:36	27°♈10'11	1.73627 AU	morning rise	-687 Oct 26 j 11:00	17°♑03'52	
				asc. node	-687 Nov 09 j 14:11	12°♑50'00	
superior conj	-689 May 30 j 00:15	29°♈33'28	0°09'56	direct	-687 Nov 10 j 00:59	12°♑49'45	
minimum elong	-689 May 29 j 22:16	29°♈27'22	0°09'51	greatest brilliancy	-687 Nov 22 j 19:09	15°♑52'50	-4.7m
behind sun begin	-689 May 29 j 04:40	28°♈33'18			-687 Dec 13 j 12:48	0°♌	
behind sun end	-689 May 30 j 15:52	0°♑21'26		morning max el	-687 Dec 30 j 17:22	16°♌13'35	46°51'01
	-689 May 30 j 08:53	0°♑			-686 Jan 12 j 20:26	0°♏	
	-689 Jun 23 j 17:54	0°♒			-686 Feb 08 j 15:26	0°♐	
evening rise	-689 Jul 04 j 17:10	13°♒31'52		desc. node	-686 Mar 01 j 04:43	23°♐54'15	
	-689 Jul 18 j 01:09	0°♈			-686 Mar 06 j 09:07	0°♑	
	-689 Aug 11 j 07:36	0°♐			-686 Mar 31 j 15:53	0°♒	
	-689 Sep 04 j 14:46	0°♑			-686 Apr 25 j 16:37	0°♓	
desc. node	-689 Sep 14 j 09:38	12°♑03'09			-686 May 20 j 12:47	0°♈	
	-689 Sep 29 j 00:15	0°♌			-686 Jun 14 j 04:14	0°♑	
	-689 Oct 23 j 14:07	0°♏		asc. node	-686 Jun 22 j 07:18	9°♑57'17	
	-689 Nov 17 j 12:45	0°♐		morning set	-686 Jun 29 j 20:48	19°♑14'29	
	-689 Dec 13 j 07:53	0°♑			-686 Jul 08 j 14:25	0°♒	
asc. node	-688 Jan 05 j 12:00	25°♑01'43		max. Earth dist.	-686 Aug 01 j 10:25	29°♑31'39	1.72466 AU
evening max el	-688 Jan 06 j 01:21	25°♑35'36	46°43'44		-686 Aug 01 j 19:32	0°♈	
	-688 Jan 10 j 11:32	0°♒					
greatest brilliancy	-688 Feb 10 j 23:02	24°♒35'49	-4.6m	superior conj	-686 Aug 05 j 08:34	4°♈24'28	1°19'51
retrograde	-688 Feb 25 j 10:18	28°♒24'14		minimum elong	-686 Aug 05 j 02:57	4°♈06'58	1°19'46
evening set	-688 Mar 13 j 20:38	22°♒31'28			-686 Aug 25 j 20:53	0°♐	
inferior conj	-688 Mar 17 j 18:20	20°♒04'56	7°30'45	evening rise	-686 Sep 11 j 19:34	21°♐11'33	
minimum elong	-688 Mar 18 j 02:12	19°♒52'25	7°29'41		-686 Sep 18 j 20:28	0°♑	
min. Earth dist.	-688 Mar 17 j 17:09	20°♒06'49	0.28821 AU	desc. node	-686 Oct 11 j 21:34	28°♑49'48	
morning rise	-688 Mar 22 j 07:57	17°♒14'40			-686 Oct 12 j 20:02	0°♌	
direct	-688 Apr 08 j 02:28	11°♒48'54			-686 Nov 05 j 20:50	0°♏	
greatest brilliancy	-688 Apr 20 j 07:07	14°♒27'13	-4.5m		-686 Nov 30 j 00:14	0°♐	
desc. node	-688 Apr 26 j 02:08	17°♒15'09			-686 Dec 24 j 09:05	0°♑	
	-688 May 13 j 23:41	0°♓			-685 Jan 18 j 05:13	0°♒	
morning max el	-688 May 26 j 21:27	11°♓36'22	45°45'41	asc. node	-685 Feb 01 j 23:47	17°♒22'26	
	-688 Jun 14 j 03:58	0°♈			-685 Feb 13 j 00:06	0°♓	
	-688 Jul 11 j 12:00	0°♑			-685 Mar 12 j 21:27	0°♒	
	-688 Aug 06 j 07:28	0°♒		evening max el	-685 Mar 18 j 03:48	5°♒12'03	45°31'40
asc. node	-688 Aug 17 j 04:50	13°♒00'32			-685 Apr 18 j 09:00	0°♑	
	-688 Aug 31 j 05:13	0°♈		greatest brilliancy	-685 Apr 21 j 06:29	1°♑28'00	-4.5m
	-688 Sep 24 j 12:55	0°♐		retrograde	-685 May 05 j 18:30	5°♑06'36	
	-688 Oct 18 j 12:28	0°♑		evening set	-685 May 20 j 18:44	0°♑46'07	
	-688 Nov 11 j 08:40	0°♌			-685 May 22 j 03:40	30°♒♈	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 44

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-685 May 24 j 14:08	28°♄33'03		superior conj	-683 Oct 16 j 07:12	16°♌09'03	0°51'07
inferior conj	-685 May 27 j 05:05	26°♄55'22	0°-36'-41	minimum elong	-683 Oct 16 j 17:45	16°♌42'14	0°50'41
minimum elong	-685 May 27 j 03:44	26°♄57'29	0°36'19		-683 Oct 27 j 07:11	0°♍	
min. Earth dist.	-685 May 27 j 10:37	26°♄46'43	0.28974 AU	desc. node	-683 Nov 08 j 09:32	15°♍13'44	
morning rise	-685 Jun 02 j 12:38	23°♄08'13			-683 Nov 20 j 03:27	0°♎	
direct	-685 Jun 17 j 22:55	18°♄36'30		evening rise	-683 Nov 26 j 22:00	8°♎30'24	
greatest brilliancy	-685 Jul 02 j 00:19	22°♄03'22	-4.5m		-683 Dec 14 j 01:20	0°♏	
	-685 Jul 15 j 04:14	0°♐			-682 Jan 07 j 02:06	0°♑	
morning max el	-685 Aug 06 j 03:05	18°♐56'49	46°03'30		-682 Jan 31 j 07:47	0°♒	
	-685 Aug 17 j 02:46	0°♑			-682 Feb 24 j 21:42	0°♓	
	-685 Sep 13 j 08:50	0°♒		asc. node	-682 Mar 01 j 11:48	5°♓32'09	
asc. node	-685 Sep 14 j 16:45	1°♒31'53			-682 Mar 22 j 00:34	0°♈	
	-685 Oct 08 j 18:35	0°♓			-682 Apr 17 j 00:21	0°♉	
	-685 Nov 02 j 07:35	0°♈			-682 May 14 j 15:56	0°♊	
	-685 Nov 26 j 11:17	0°♉		evening max el	-682 May 27 j 19:42	13°♊05'30	45°22'14
	-685 Dec 20 j 12:04	0°♊			-682 Jun 16 j 09:21	0°♋	
desc. node	-684 Jan 04 j 07:05	18°♊27'59		desc. node	-682 Jun 21 j 02:02	3°♋21'04	
	-684 Jan 13 j 13:07	0°♋		greatest brilliancy	-682 Jul 03 j 13:41	10°♋11'47	-4.5m
	-684 Feb 06 j 15:46	0°♌		retrograde	-682 Jul 15 j 11:28	12°♋42'33	
morning set	-684 Feb 09 j 13:36	3°♌36'47		evening set	-682 Aug 01 j 18:48	7°♋09'03	
	-684 Mar 01 j 20:32	0°♍		inferior conj	-682 Aug 05 j 17:08	4°♋47'07	-8°-17'-11
				minimum elong	-682 Aug 05 j 10:40	4°♋57'03	8°16'35
superior conj	-684 Mar 19 j 11:56	21°♍47'38	-1°-13'-55	min. Earth dist.	-682 Aug 06 j 03:48	4°♋30'45	0.28224 AU
minimum elong	-684 Mar 19 j 20:22	22°♍13'38	1°13'45	morning rise	-682 Aug 09 j 02:16	2°♋43'45	
max. Earth dist.	-684 Mar 22 j 02:48	25°♍01'28	1.73129 AU		-682 Aug 14 j 01:28	30°♌	
	-684 Mar 26 j 03:40	0°♎		direct	-682 Aug 27 j 00:28	26°♌41'06	
	-684 Apr 19 j 13:08	0°♏			-682 Sep 09 j 15:11	0°♍	
evening rise	-684 Apr 25 j 22:39	7°♏50'57		greatest brilliancy	-682 Sep 10 j 11:03	0°♍23'20	-4.6m
asc. node	-684 Apr 26 j 09:39	8°♏24'43		asc. node	-682 Oct 12 j 04:30	25°♍04'02	
greatest brilliancy	-684 May 08 j 08:58	23°♏04'56	-3.9m	morning max el	-682 Oct 16 j 10:21	29°♍17'44	46°44'23
	-684 May 14 j 00:39	0°♐			-682 Oct 17 j 03:00	0°♎	
	-684 Jun 07 j 14:04	0°♑			-682 Nov 13 j 14:04	0°♏	
	-684 Jul 02 j 06:05	0°♒			-682 Dec 09 j 01:46	0°♐	
	-684 Jul 27 j 02:29	0°♓			-681 Jan 02 j 20:47	0°♑	
desc. node	-684 Aug 15 j 23:39	23°♓44'32			-681 Jan 27 j 10:04	0°♒	
	-684 Aug 21 j 06:27	0°♈		desc. node	-681 Jan 31 j 18:51	5°♒20'46	
	-684 Sep 15 j 23:51	0°♉			-681 Feb 20 j 21:49	0°♓	
	-684 Oct 12 j 22:16	0°♊			-681 Mar 17 j 09:28	0°♈	
evening max el	-684 Oct 23 j 08:54	10°♊54'17	47°26'05		-681 Apr 10 j 21:19	0°♉	
	-684 Nov 12 j 22:25	0°♋		morning set	-681 Apr 21 j 09:18	12°♉51'35	
greatest brilliancy	-684 Nov 30 j 14:31	11°♋35'18	-4.7m		-681 May 05 j 09:01	0°♊	
asc. node	-684 Dec 07 j 02:13	13°♋51'24		asc. node	-681 May 24 j 21:32	23°♋56'56	
retrograde	-684 Dec 13 j 08:03	14°♋37'35		max. Earth dist.	-681 May 26 j 00:27	25°♋19'32	1.73643 AU
evening set	-684 Dec 28 j 18:14	9°♌51'18					
min. Earth dist.	-683 Jan 02 j 00:42	7°♌16'42	0.27069 AU	superior conj	-681 May 27 j 19:02	27°♌30'21	0°06'52
inferior conj	-683 Jan 03 j 01:41	6°♌37'40	6°11'28	minimum elong	-681 May 27 j 17:39	27°♌26'06	0°06'49
minimum elong	-683 Jan 02 j 15:43	6°♌53'15	6°09'16	behind sun begin	-681 May 26 j 21:21	26°♌23'45	
morning rise	-683 Jan 07 j 13:49	3°♌53'22		behind sun end	-681 May 28 j 13:58	28°♌28'28	
	-683 Jan 16 j 03:30	30°♍			-681 May 29 j 19:46	0°♎	
direct	-683 Jan 23 j 14:00	28°♍52'16			-681 Jun 23 j 04:51	0°♏	
	-683 Jan 31 j 06:36	0°♎		evening rise	-681 Jul 02 j 12:18	11°♏28'51	
greatest brilliancy	-683 Feb 03 j 02:13	0°♏55'48	-4.6m		-681 Jul 17 j 12:18	0°♐	
	-683 Mar 13 j 23:40	0°♑			-681 Aug 10 j 19:03	0°♒	
morning max el	-683 Mar 13 j 23:24	29°♑59'20	46°12'36		-681 Sep 04 j 02:37	0°♓	
desc. node	-683 Mar 28 j 16:32	14°♑53'51		desc. node	-681 Sep 13 j 11:43	11°♓32'28	
	-683 Apr 11 j 18:16	0°♒			-681 Sep 28 j 12:39	0°♈	
	-683 May 08 j 11:13	0°♓			-681 Oct 23 j 03:15	0°♉	
	-683 Jun 03 j 06:16	0°♈			-681 Nov 17 j 03:06	0°♊	
	-683 Jun 28 j 11:18	0°♉			-681 Dec 13 j 00:39	0°♋	
asc. node	-683 Jul 19 j 19:03	25°♉49'40		evening max el	-680 Jan 03 j 16:26	23°♋16'57	46°46'29
	-683 Jul 23 j 05:01	0°♊		asc. node	-680 Jan 04 j 13:57	24°♋11'16	
	-683 Aug 16 j 13:11	0°♋			-680 Jan 10 j 11:41	0°♌	
morning set	-683 Sep 07 j 08:11	27°♋10'28		greatest brilliancy	-680 Feb 08 j 15:16	22°♋22'12	-4.6m
	-683 Sep 09 j 14:18	0°♌		retrograde	-680 Feb 23 j 03:21	26°♋11'35	
	-683 Oct 03 j 11:24	0°♍		evening set	-680 Mar 11 j 15:09	20°♋14'56	
max. Earth dist.	-683 Oct 15 j 15:12	15°♍18'38	1.71088 AU	inferior conj	-680 Mar 15 j 10:31	17°♋52'03	7°40'01
				minimum elong	-680 Mar 15 j 17:58	17°♋40'14	7°39'05

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 45

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-680 Mar 15 j 08:10	17° K 55'47	0.28790 AU	desc. node	-678 Oct 10 j 23:44	28° L 20'47	
morning rise	-680 Mar 19 j 20:59	15° K 06'47			-678 Oct 12 j 07:30	0° M	
direct	-680 Apr 05 j 18:07	9° K 36'31			-678 Nov 05 j 08:34	0° J	
greatest brilliancy	-680 Apr 17 j 21:06	12° K 13'43	-4.5m		-678 Nov 29 j 12:18	0° Z	
desc. node	-680 Apr 25 j 04:17	15° K 52'28			-678 Dec 23 j 21:38	0° \approx	
	-680 May 14 j 05:01	0° Y			-677 Jan 17 j 18:39	0° K	
morning max el	-680 May 24 j 14:12	9° Y 27'48	45°45'58	asc. node	-677 Feb 01 j 01:52	16° K 47'02	
	-680 Jun 13 j 21:21	0° B			-677 Feb 12 j 15:27	0° Y	
	-680 Jul 11 j 02:06	0° II			-677 Mar 12 j 18:09	0° B	
	-680 Aug 05 j 20:09	0° S		evening max el	-677 Mar 15 j 19:22	2° B 59'40	45°33'25
asc. node	-680 Aug 16 j 06:58	12° S 29'52		greatest brilliancy	-677 Apr 18 j 23:10	29° B 19'47	-4.5m
	-680 Aug 30 j 17:14	0° Q			-677 Apr 20 j 10:45	0° II	
	-680 Sep 24 j 00:35	0° M		retrograde	-677 May 03 j 10:30	2° II 58'11	
	-680 Oct 17 j 23:59	0° L			-677 May 15 j 18:31	30° R B	
	-680 Nov 10 j 20:05	0° M		evening set	-677 May 18 j 11:52	28° B 36'58	
morning set	-680 Nov 20 j 22:49	12° M 44'06		desc. node	-677 May 23 j 16:10	25° B 32'50	
	-680 Dec 04 j 16:01	0° J		inferior conj	-677 May 24 j 21:37	24° B 46'45	0°-17'-11
desc. node	-680 Dec 05 j 21:19	1° J 32'06		minimum elong	-677 May 24 j 20:59	24° B 47'45	0°17'00
	-680 Dec 28 j 13:22	0° Z		min. Earth dist.	-677 May 25 j 03:33	24° B 37'28	0.28981 AU
				morning rise	-677 May 31 j 05:59	20° B 57'59	
superior conj	-679 Jan 02 j 00:04	5° Z 34'20	0°-58'-19	direct	-677 Jun 15 j 15:17	16° B 27'47	
minimum elong	-679 Jan 01 j 12:19	4° Z 57'32	0°57'56	greatest brilliancy	-677 Jun 29 j 14:55	19° B 52'01	-4.5m
max. Earth dist.	-679 Jan 05 j 20:54	10° Z 25'00	1.71523 AU		-677 Jul 15 j 17:46	0° II	
	-679 Jan 21 j 12:57	0° \approx		morning max el	-677 Aug 03 j 17:52	16° II 42'27	46°02'18
evening rise	-679 Feb 11 j 16:09	26° \approx 18'17			-677 Aug 16 j 21:21	0° S	
	-679 Feb 14 j 15:38	0° K			-677 Sep 12 j 23:27	0° Q	
	-679 Mar 10 j 22:39	0° Y		asc. node	-677 Sep 13 j 18:53	0° Q 56'06	
asc. node	-679 Mar 28 j 23:51	22° Y 06'33			-677 Oct 08 j 07:38	0° M	
	-679 Apr 04 j 11:15	0° B			-677 Nov 01 j 19:52	0° L	
	-679 Apr 29 j 06:50	0° II			-677 Nov 25 j 23:10	0° M	
	-679 May 24 j 11:34	0° S			-677 Dec 19 j 23:40	0° J	
	-679 Jun 19 j 06:15	0° Q		desc. node	-676 Jan 03 j 09:06	17° J 58'27	
	-679 Jul 16 j 02:40	0° M			-676 Jan 13 j 00:31	0° Z	
desc. node	-679 Jul 18 j 13:47	2° M 39'16			-676 Feb 06 j 02:59	0° \approx	
evening max el	-679 Aug 08 j 18:49	24° M 27'51	46°27'28	morning set	-676 Feb 07 j 01:45	1° \approx 10'43	
	-679 Aug 14 j 14:45	0° L			-676 Mar 01 j 07:36	0° K	
greatest brilliancy	-679 Sep 17 j 00:01	23° L 36'37	-4.6m				
retrograde	-679 Sep 27 j 12:43	25° L 38'29		superior conj	-676 Mar 17 j 03:23	19° K 33'18	-1°-15'-33
evening set	-679 Oct 13 j 03:40	20° L 54'20		minimum elong	-676 Mar 17 j 11:26	19° K 58'11	1°15'24
inferior conj	-679 Oct 18 j 02:15	17° L 59'32	-5°-13'-53	max. Earth dist.	-676 Mar 19 j 21:47	22° K 58'09	1.73079 AU
minimum elong	-679 Oct 18 j 12:21	17° L 44'15	5°11'16		-676 Mar 25 j 14:38	0° Y	
min. Earth dist.	-679 Oct 18 j 14:33	17° L 40'56	0.26583 AU		-676 Apr 19 j 00:04	0° B	
morning rise	-679 Oct 23 j 20:46	14° L 37'35		evening rise	-676 Apr 23 j 16:14	5° B 44'07	
direct	-679 Nov 07 j 14:12	10° L 20'03		asc. node	-676 Apr 25 j 11:42	7° B 57'24	
asc. node	-679 Nov 08 j 16:19	10° L 21'30			-676 May 13 j 11:41	0° II	
greatest brilliancy	-679 Nov 20 j 08:40	13° L 23'41	-4.7m		-676 Jun 07 j 01:23	0° S	
	-679 Dec 13 j 21:54	0° M			-676 Jul 01 j 17:51	0° Q	
morning max el	-679 Dec 28 j 07:05	13° M 47'33	46°51'43		-676 Jul 26 j 14:59	0° M	
	-678 Jan 12 j 15:38	0° J		desc. node	-676 Aug 15 j 01:49	23° M 11'30	
	-678 Feb 08 j 06:44	0° Z			-676 Aug 20 j 20:04	0° L	
desc. node	-678 Feb 28 j 06:53	23° Z 20'13			-676 Sep 15 j 15:26	0° M	
	-678 Mar 05 j 22:34	0° \approx			-676 Oct 12 j 18:15	0° J	
	-678 Mar 31 j 04:17	0° K		evening max el	-676 Oct 20 j 22:12	8° J 28'08	47°25'34
	-678 Apr 25 j 04:23	0° Y			-676 Nov 13 j 13:41	0° Z	
	-678 May 20 j 00:08	0° B		greatest brilliancy	-676 Nov 28 j 07:05	9° Z 12'24	-4.7m
	-678 Jun 13 j 15:19	0° II		asc. node	-676 Dec 06 j 04:07	11° Z 44'52	
asc. node	-678 Jun 21 j 09:18	9° II 29'33		retrograde	-676 Dec 10 j 21:23	12° Z 11'37	
morning set	-678 Jun 27 j 15:01	17° II 09'11		evening set	-676 Dec 26 j 04:52	7° Z 30'17	
	-678 Jul 08 j 01:23	0° S		min. Earth dist.	-676 Dec 30 j 14:58	4° Z 50'50	0.27007 AU
max. Earth dist.	-678 Jul 30 j 01:35	27° S 15'36	1.72520 AU	inferior conj	-676 Dec 31 j 15:13	4° Z 12'59	5°55'16
	-678 Aug 01 j 06:29	0° Q		minimum elong	-676 Dec 31 j 05:16	4° Z 28'31	5°52'56
				morning rise	-675 Jan 05 j 06:15	1° Z 24'33	
superior conj	-678 Aug 03 j 01:59	2° Q 15'16	1°18'44		-675 Jan 07 j 20:26	30° R J	
minimum elong	-678 Aug 02 j 19:52	1° Q 56'14	1°18'38	direct	-675 Jan 21 j 02:20	26° J 28'25	
	-678 Aug 25 j 07:56	0° M		greatest brilliancy	-675 Jan 31 j 16:47	28° J 33'41	-4.6m
evening rise	-678 Sep 09 j 09:49	18° M 51'00			-675 Feb 04 j 02:02	0° Z	
	-678 Sep 18 j 07:41	0° L		morning max el	-675 Mar 11 j 12:21	27° Z 37'22	46°14'04

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-675 Mar 13 j 22:30	0°♊			-673 Sep 03 j 14:11	0°♊		
desc. node	-675 Mar 27 j 18:40	14°♊10'40		desc. node	-673 Sep 12 j 13:50	11°♊02'49		
	-675 Apr 11 j 10:24	0°♋			-673 Sep 28 j 00:46	0°♌		
	-675 May 08 j 00:49	0°♌			-673 Oct 22 j 16:09	0°♍		
	-675 Jun 02 j 18:35	0°♍			-673 Nov 16 j 17:14	0°♎		
	-675 Jun 27 j 22:54	0°♎			-673 Dec 12 j 17:19	0°♏		
asc. node	-675 Jul 18 j 21:09	25°♎21'44		evening max el	-672 Jan 01 j 08:34	21°♏02'05	46°49'12	
	-675 Jul 22 j 16:13	0°♏		asc. node	-672 Jan 03 j 16:08	23°♏21'48		
	-675 Aug 16 j 00:13	0°♐			-672 Jan 10 j 12:29	0°♋		
morning set	-675 Sep 04 j 22:54	24°♐51'54		greatest brilliancy	-672 Feb 06 j 08:02	20°♋10'33	-4.6m	
	-675 Sep 09 j 01:18	0°♑		retrograde	-672 Feb 20 j 20:28	23°♋59'58		
	-675 Oct 02 j 22:24	0°♑		evening set	-672 Mar 09 j 09:37	17°♋59'50		
max. Earth dist.	-675 Oct 12 j 23:24	12°♑38'38	1.71111 AU	inferior conj	-672 Mar 13 j 02:43	15°♋40'19	7°48'38	
				minimum elong	-672 Mar 13 j 09:42	15°♋29'14	7°47'50	
superior conj	-675 Oct 13 j 18:57	13°♑40'11	0°54'05	min. Earth dist.	-672 Mar 12 j 22:56	15°♋46'19	0.28758 AU	
minimum elong	-675 Oct 14 j 05:41	14°♑13'58	0°53'41	morning rise	-672 Mar 17 j 10:02	12°♋59'55		
	-675 Oct 26 j 18:13	0°♌		direct	-672 Apr 03 j 10:13	7°♋25'28		
desc. node	-675 Nov 07 j 11:34	14°♌45'19		greatest brilliancy	-672 Apr 15 j 10:05	10°♋00'12	-4.5m	
	-675 Nov 19 j 14:32	0°♍		desc. node	-672 Apr 24 j 06:19	14°♋33'24		
evening rise	-675 Nov 24 j 07:48	5°♍55'40			-672 May 14 j 08:05	0°♌		
	-675 Dec 13 j 12:30	0°♎		morning max el	-672 May 22 j 06:59	7°♌20'19	45°46'05	
	-674 Jan 06 j 13:23	0°♏			-672 Jun 13 j 14:04	0°♍		
	-674 Jan 30 j 19:17	0°♋			-672 Jul 10 j 15:47	0°♎		
	-674 Feb 24 j 09:36	0°♌			-672 Aug 05 j 08:30	0°♏		
asc. node	-674 Feb 28 j 13:56	5°♌02'22		asc. node	-672 Aug 15 j 09:08	12°♏00'21		
	-674 Mar 21 j 13:19	0°♍			-672 Aug 30 j 04:53	0°♐		
	-674 Apr 16 j 14:51	0°♎			-672 Sep 23 j 11:52	0°♑		
	-674 May 14 j 10:49	0°♏			-672 Oct 17 j 11:05	0°♑		
evening max el	-674 May 25 j 10:30	10°♏51'58	45°21'18		-672 Nov 10 j 07:08	0°♌		
	-674 Jun 17 j 01:44	0°♐		morning set	-672 Nov 18 j 08:57	10°♌10'14		
desc. node	-674 Jun 20 j 04:03	2°♐05'37			-672 Dec 04 j 03:02	0°♍		
greatest brilliancy	-674 Jun 30 j 23:49	7°♐52'37	-4.5m	desc. node	-672 Dec 04 j 23:19	1°♍03'47		
retrograde	-674 Jul 13 j 02:14	10°♐27'52			-672 Dec 28 j 00:19	0°♎		
evening set	-674 Jul 30 j 05:53	4°♐58'33						
inferior conj	-674 Aug 03 j 07:49	2°♐31'29	-8°-9'-29	superior conj	-672 Dec 30 j 09:52	3°♎00'21	0°-55'-22	
minimum elong	-674 Aug 03 j 00:42	2°♐42'22	8°08'44	minimum elong	-672 Dec 29 j 22:13	2°♎23'51	0°54'57	
min. Earth dist.	-674 Aug 03 j 17:39	2°♐16'23	0.28271 AU	max. Earth dist.	-671 Jan 03 j 07:29	7°♎53'39	1.71476 AU	
morning rise	-674 Aug 06 j 19:16	0°♐24'47			-671 Jan 20 j 23:50	0°♏		
	-674 Aug 07 j 12:07	30°♑♏		evening rise	-671 Feb 09 j 04:42	23°♏54'37		
direct	-674 Aug 24 j 15:52	24°♏24'35			-671 Feb 14 j 02:29	0°♋		
greatest brilliancy	-674 Sep 08 j 03:50	28°♏08'44	-4.6m		-671 Mar 10 j 09:33	0°♌		
	-674 Sep 11 j 16:19	0°♐		asc. node	-671 Mar 28 j 01:54	21°♌39'07		
asc. node	-674 Oct 11 j 06:35	24°♐11'13			-671 Apr 03 j 22:23	0°♍		
morning max el	-674 Oct 14 j 01:52	26°♐59'34	46°43'18		-671 Apr 28 j 18:25	0°♎		
	-674 Oct 17 j 00:28	0°♑			-671 May 23 j 23:59	0°♏		
	-674 Nov 13 j 05:56	0°♑			-671 Jun 18 j 20:14	0°♐		
	-674 Dec 08 j 15:29	0°♌			-671 Jul 15 j 19:55	0°♑		
	-673 Jan 02 j 09:24	0°♍		desc. node	-671 Jul 17 j 15:58	1°♑57'53		
	-673 Jan 26 j 22:00	0°♎		evening max el	-671 Aug 06 j 08:36	22°♑07'33	46°24'36	
desc. node	-673 Jan 30 j 21:04	4°♎51'18			-671 Aug 14 j 18:04	0°♑		
	-673 Feb 20 j 09:16	0°♏		greatest brilliancy	-671 Sep 14 j 13:07	21°♑10'47	-4.6m	
	-673 Mar 16 j 20:35	0°♋		retrograde	-671 Sep 25 j 00:23	23°♑10'47		
	-673 Apr 10 j 08:11	0°♌		evening set	-671 Oct 10 j 18:59	18°♑22'41		
morning set	-673 Apr 19 j 02:59	10°♌45'38		inferior conj	-671 Oct 15 j 14:27	15°♑32'00	-5°-33'-10	
	-673 May 04 j 19:44	0°♍		minimum elong	-671 Oct 16 j 00:49	15°♑16'16	5°30'34	
asc. node	-673 May 23 j 23:32	23°♍30'15		min. Earth dist.	-671 Oct 16 j 03:44	15°♑11'51	0.26624 AU	
max. Earth dist.	-673 May 23 j 23:47	23°♍31'02	1.73655 AU	morning rise	-671 Oct 21 j 06:22	12°♑13'09		
				direct	-671 Nov 05 j 03:05	7°♑52'02		
superior conj	-673 May 25 j 13:31	25°♍26'56	0°03'47	asc. node	-671 Nov 07 j 18:19	8°♑00'25		
minimum elong	-673 May 25 j 12:45	25°♍24'34	0°03'44	greatest brilliancy	-671 Nov 17 j 22:30	10°♑56'18	-4.7m	
behind sun begin	-673 May 24 j 14:58	24°♍17'39			-671 Dec 14 j 04:00	0°♌		
behind sun end	-673 May 26 j 10:33	26°♍31'30		morning max el	-671 Dec 25 j 19:55	11°♌20'19	46°52'18	
	-673 May 29 j 06:26	0°♎			-670 Jan 12 j 09:53	0°♍		
	-673 Jun 22 j 15:35	0°♏			-670 Feb 07 j 21:26	0°♎		
evening rise	-673 Jun 30 j 07:13	9°♏26'02		desc. node	-670 Feb 27 j 08:56	22°♎47'06		
	-673 Jul 16 j 23:11	0°♐			-670 Mar 05 j 11:33	0°♏		
	-673 Aug 10 j 06:12	0°♑			-670 Mar 30 j 16:16	0°♋		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-670 Apr 24 j 15:44	0°Υ			-668 Sep 15 j 07:11	0°ℓ		
	-670 May 19 j 11:05	0°Ϡ			-668 Oct 12 j 14:52	0°Ϡ		
	-670 Jun 13 j 02:03	0°Π		evening max el	-668 Oct 18 j 11:24	6°Ϡ01'51	47°25'00	
asc. node	-670 Jun 20 j 11:25	9°Π03'16			-668 Nov 14 j 10:13	0°Ϡ		
morning set	-670 Jun 25 j 09:13	15°Π04'48		greatest brilliancy	-668 Nov 25 j 22:51	6°Ϡ48'00	-4.7m	
	-670 Jul 07 j 12:02	0°Ϡ		asc. node	-668 Dec 05 j 06:18	9°Ϡ32'49		
max. Earth dist.	-670 Jul 27 j 16:40	25°Ϡ00'13	1.72579 AU	retrograde	-668 Dec 08 j 10:53	9°Ϡ45'13		
				evening set	-668 Dec 23 j 15:23	5°Ϡ08'17		
superior conj	-670 Jul 31 j 19:22	0°Ω06'48	1°17'30	min. Earth dist.	-668 Dec 28 j 04:57	2°Ϡ24'27	0.26943 AU	
minimum elong	-670 Jul 31 j 12:47	29°Ϡ46'20	1°17'23	inferior conj	-668 Dec 29 j 04:32	1°Ϡ47'45	5°38'08	
	-670 Jul 31 j 17:10	0°Ω		minimum elong	-668 Dec 28 j 18:42	2°Ϡ03'03	5°35'44	
	-670 Aug 24 j 18:44	0°η			-667 Jan 01 j 02:33	30°℞Ϡ		
evening rise	-670 Sep 06 j 23:59	16°η31'10		morning rise	-667 Jan 02 j 22:32	28°Ϡ55'22		
	-670 Sep 17 j 18:40	0°♄		direct	-667 Jan 18 j 14:25	24°Ϡ03'53		
desc. node	-670 Oct 10 j 01:44	27°♄52'05		greatest brilliancy	-667 Jan 29 j 07:10	26°Ϡ11'15	-4.6m	
	-670 Oct 11 j 18:41	0°ℓ			-667 Feb 06 j 03:37	0°Ϡ		
	-670 Nov 04 j 20:00	0°Ϡ		morning max el	-667 Mar 09 j 02:06	25°Ϡ17'30	46°15'35	
	-670 Nov 29 j 00:03	0°Ϡ			-667 Mar 13 j 20:18	0°≈		
	-670 Dec 23 j 09:55	0°≈		desc. node	-667 Mar 26 j 20:42	13°≈28'06		
	-669 Jan 17 j 07:52	0°℥			-667 Apr 11 j 02:08	0°℥		
asc. node	-669 Jan 31 j 04:02	16°℥12'33			-667 May 07 j 14:11	0°Υ		
	-669 Feb 12 j 06:41	0°Υ			-667 Jun 02 j 06:45	0°Ϡ		
	-669 Mar 12 j 15:13	0°Ϡ			-667 Jun 27 j 10:23	0°Π		
evening max el	-669 Mar 13 j 10:15	0°Ϡ46'23	45°35'15	asc. node	-667 Jul 17 j 23:20	24°Π54'21		
greatest brilliancy	-669 Apr 16 j 14:55	27°Ϡ11'17	-4.5m		-667 Jul 22 j 03:20	0°Ϡ		
	-669 Apr 24 j 08:09	0°Π			-667 Aug 15 j 11:11	0°Ω		
retrograde	-669 May 01 j 02:32	0°Π50'59		morning set	-667 Sep 02 j 13:53	22°Ω34'26		
	-669 May 07 j 16:09	30°℞Ϡ			-667 Sep 08 j 12:14	0°η		
evening set	-669 May 16 j 05:07	26°Ϡ28'31			-667 Oct 02 j 09:23	0°♄		
inferior conj	-669 May 22 j 14:13	22°Ϡ39'18	0°02'18	max. Earth dist.	-667 Oct 10 j 09:13	10°♄03'45	1.71141 AU	
minimum elong	-669 May 22 j 14:18	22°Ϡ39'10	0°02'17					
transit middle	-669 May 22 j 14:18	22°Ϡ39'10	0°02'17	superior conj	-667 Oct 11 j 06:41	11°♄11'19	0°56'57	
transit begin	-669 May 22 j 10:17	22°Ϡ45'28		minimum elong	-667 Oct 11 j 17:31	11°♄45'24	0°56'33	
transit end	-669 May 22 j 18:19	22°Ϡ32'52			-667 Oct 26 j 05:16	0°ℓ		
desc. node	-669 May 22 j 18:09	22°Ϡ33'07		desc. node	-667 Nov 06 j 13:38	14°ℓ16'50		
min. Earth dist.	-669 May 22 j 20:44	22°Ϡ29'05	0.28990 AU		-667 Nov 19 j 01:41	0°Ϡ		
morning rise	-669 May 28 j 23:15	18°Ϡ49'08		evening rise	-667 Nov 21 j 17:14	3°Ϡ19'34		
direct	-669 Jun 13 j 07:16	14°Ϡ20'02			-667 Dec 12 j 23:45	0°Ϡ		
greatest brilliancy	-669 Jun 27 j 06:18	17°Ϡ42'42	-4.5m		-666 Jan 06 j 00:44	0°≈		
	-669 Jul 16 j 03:25	0°Π			-666 Jan 30 j 06:50	0°℥		
morning max el	-669 Aug 01 j 08:39	14°Π28'57	46°01'04		-666 Feb 23 j 21:35	0°Υ		
	-669 Aug 16 j 15:13	0°Ϡ		asc. node	-666 Feb 27 j 15:58	4°Υ32'07		
asc. node	-669 Sep 12 j 20:54	0°Ω20'47			-666 Mar 21 j 02:11	0°Ϡ		
	-669 Sep 12 j 13:44	0°Ω			-666 Apr 16 j 05:35	0°Π		
	-669 Oct 07 j 20:28	0°η			-666 May 14 j 06:17	0°Ϡ		
	-669 Nov 01 j 07:59	0°♄		evening max el	-666 May 23 j 02:13	8°Ϡ40'39	45°20'25	
	-669 Nov 25 j 10:50	0°ℓ			-666 Jun 17 j 23:50	0°Ω		
	-669 Dec 19 j 11:03	0°Ϡ		desc. node	-666 Jun 19 j 06:17	0°Ω48'10		
desc. node	-668 Jan 02 j 11:18	17°Ϡ30'12		greatest brilliancy	-666 Jun 28 j 10:32	5°Ω34'23	-4.5m	
	-668 Jan 12 j 11:40	0°Ϡ		retrograde	-666 Jul 10 j 17:12	8°Ω13'21		
morning set	-668 Feb 04 j 13:40	28°Ϡ44'29		evening set	-666 Jul 27 j 17:04	2°Ω48'33		
	-668 Feb 05 j 13:58	0°≈		inferior conj	-666 Jul 31 j 22:33	0°Ω16'08	-8°-1'-4	
	-668 Feb 29 j 18:27	0°℥		minimum elong	-666 Jul 31 j 14:54	0°Ω27'53	8°00'09	
					-666 Aug 01 j 09:05	30°℞Ϡ		
superior conj	-668 Mar 14 j 18:47	17°℥19'29	-1°-17'-5	min. Earth dist.	-666 Aug 01 j 07:24	0°Ω02'34	0.28314 AU	
minimum elong	-668 Mar 15 j 02:24	17°℥43'01	1°16'56	morning rise	-666 Aug 04 j 12:30	28°Ϡ05'50		
max. Earth dist.	-668 Mar 17 j 14:35	20°℥48'42	1.73031 AU	direct	-666 Aug 22 j 07:45	22°Ϡ08'40		
	-668 Mar 25 j 01:24	0°Υ		greatest brilliancy	-666 Sep 05 j 19:21	25°Ϡ52'54	-4.6m	
	-668 Apr 18 j 10:49	0°Ϡ			-666 Sep 13 j 00:56	0°Ω		
evening rise	-668 Apr 21 j 09:51	3°Ϡ37'53		asc. node	-666 Oct 10 j 08:38	23°Ω19'18		
asc. node	-668 Apr 24 j 13:45	7°Ϡ30'37		morning max el	-666 Oct 11 j 17:27	24°Ω41'47	46°42'02	
	-668 May 12 j 22:32	0°Π			-666 Oct 16 j 21:12	0°η		
	-668 Jun 06 j 12:30	0°Ϡ			-666 Nov 12 j 21:37	0°♄		
	-668 Jul 01 j 05:28	0°Ω			-666 Dec 08 j 05:14	0°ℓ		
	-668 Jul 26 j 03:22	0°η			-665 Jan 01 j 22:08	0°Ϡ		
desc. node	-668 Aug 14 j 03:52	22°η38'27			-665 Jan 26 j 10:06	0°Ϡ		
	-668 Aug 20 j 09:40	0°♄		desc. node	-665 Jan 29 j 23:08	4°Ϡ20'49		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-665 Feb 19 j 20:54	0°≈		greatest brilliancy	-663 Sep 12 j 02:54	18°♄45'02	-4.6m
	-665 Mar 16 j 07:50	0°✠		retrograde	-663 Sep 22 j 11:43	20°♄42'48	
	-665 Apr 09 j 19:10	0°♂		evening set	-663 Oct 08 j 10:29	15°♄50'28	
morning set	-665 Apr 16 j 20:32	8°♂38'49		inferior conj	-663 Oct 13 j 02:47	13°♄04'12	-5°-51'-44
	-665 May 04 j 06:35	0°♄		minimum elong	-663 Oct 13 j 13:21	12°♄48'08	5°49'10
max. Earth dist.	-665 May 21 j 23:40	21°♄43'46	1.73665 AU	min. Earth dist.	-663 Oct 13 j 17:20	12°♄42'05	0.26667 AU
				morning rise	-663 Oct 18 j 15:52	9°♄48'44	
superior conj	-665 May 23 j 07:58	23°♄22'55	0°00'38	direct	-663 Nov 02 j 15:34	5°♄23'29	
minimum elong	-665 May 23 j 07:51	23°♄22'32	0°00'38	asc. node	-663 Nov 06 j 20:27	5°♄44'31	
behind sun begin	-665 May 22 j 09:37	22°♄14'16		greatest brilliancy	-663 Nov 15 j 13:17	8°♄29'33	-4.7m
behind sun end	-665 May 24 j 06:04	24°♄30'48			-663 Dec 14 j 08:24	0°♄	
asc. node	-665 May 23 j 01:41	23°♄03'35		morning max el	-663 Dec 23 j 08:13	8°♄50'56	46°53'00
	-665 May 28 j 17:16	0°♄			-662 Jan 12 j 03:56	0°♄	
	-665 Jun 22 j 02:30	0°♄			-662 Feb 07 j 12:12	0°♄	
evening rise	-665 Jun 28 j 02:18	7°♄23'08		desc. node	-662 Feb 26 j 10:57	22°♄13'14	
	-665 Jul 16 j 10:16	0°♄			-662 Mar 05 j 00:44	0°≈	
	-665 Aug 09 j 17:33	0°♄			-662 Mar 30 j 04:32	0°✠	
	-665 Sep 03 j 01:56	0°♄			-662 Apr 24 j 03:25	0°♂	
desc. node	-665 Sep 11 j 15:51	10°♄32'23			-662 May 18 j 22:23	0°♄	
	-665 Sep 27 j 13:05	0°♄			-662 Jun 12 j 13:07	0°♄	
	-665 Oct 22 j 05:16	0°♄		asc. node	-662 Jun 19 j 13:34	8°♄36'01	
	-665 Nov 16 j 07:41	0°♄		morning set	-662 Jun 23 j 03:21	12°♄59'17	
	-665 Dec 12 j 10:35	0°≈			-662 Jul 06 j 23:00	0°♄	
evening max el	-665 Dec 30 j 01:05	18°≈47'00	46°51'41	max. Earth dist.	-662 Jul 25 j 10:05	22°♄51'14	1.72638 AU
asc. node	-664 Jan 02 j 18:15	22°≈30'16					
	-664 Jan 10 j 15:06	0°✠		superior conj	-662 Jul 29 j 12:47	27°♄57'40	1°16'09
greatest brilliancy	-664 Feb 04 j 02:00	17°✠59'02	-4.6m	minimum elong	-662 Jul 29 j 05:46	27°♄35'52	1°16'01
retrograde	-664 Feb 18 j 13:14	21°✠46'33			-662 Jul 31 j 04:09	0°♄	
evening set	-664 Mar 07 j 03:53	15°✠43'27			-662 Aug 24 j 05:52	0°♄	
inferior conj	-664 Mar 10 j 18:48	13°✠27'02	7°56'38	evening rise	-662 Sep 04 j 14:29	14°♄11'25	
minimum elong	-664 Mar 11 j 01:17	13°✠16'45	7°55'57		-662 Sep 17 j 05:59	0°♄	
min. Earth dist.	-664 Mar 10 j 13:41	13°✠35'10	0.28720 AU	desc. node	-662 Oct 09 j 03:48	27°♄22'37	
morning rise	-664 Mar 14 j 22:57	10°✠51'20			-662 Oct 11 j 06:13	0°♄	
direct	-664 Apr 01 j 02:16	5°✠13'08			-662 Nov 04 j 07:47	0°♄	
greatest brilliancy	-664 Apr 12 j 22:05	7°✠44'16	-4.5m		-662 Nov 28 j 12:09	0°♄	
desc. node	-664 Apr 23 j 08:23	13°✠15'43			-662 Dec 22 j 22:30	0°≈	
	-664 May 14 j 10:04	0°♂			-661 Jan 16 j 21:26	0°✠	
morning max el	-664 May 19 j 23:03	5°♂10'13	45°46'16	asc. node	-661 Jan 30 j 06:01	15°✠36'37	
	-664 Jun 13 j 06:45	0°♄			-661 Feb 11 j 22:24	0°♂	
	-664 Jul 10 j 05:36	0°♄		evening max el	-661 Mar 11 j 00:52	28°♂31'38	45°37'04
	-664 Aug 04 j 21:02	0°♄			-661 Mar 12 j 13:24	0°♄	
asc. node	-664 Aug 14 j 11:05	11°♄29'26		greatest brilliancy	-661 Apr 14 j 05:48	25°♄00'43	-4.5m
	-664 Aug 29 j 16:45	0°♄		retrograde	-661 Apr 28 j 18:51	28°♄43'02	
	-664 Sep 22 j 23:23	0°♄		evening set	-661 May 13 j 22:33	24°♄18'48	
	-664 Oct 16 j 22:26	0°♄		inferior conj	-661 May 20 j 06:51	20°♄30'53	0°21'52
	-664 Nov 09 j 18:24	0°♄		minimum elong	-661 May 20 j 07:39	20°♄29'38	0°21'38
morning set	-664 Nov 15 j 19:35	7°♄37'13		min. Earth dist.	-661 May 20 j 13:53	20°♄19'53	0.29002 AU
	-664 Dec 03 j 14:15	0°♄		desc. node	-661 May 21 j 20:22	19°♄32'11	
desc. node	-664 Dec 04 j 01:31	0°♄35'27		morning rise	-661 May 26 j 16:28	16°♄39'46	
	-664 Dec 27 j 11:29	0°♄		direct	-661 Jun 10 j 23:16	12°♄11'11	
				greatest brilliancy	-661 Jun 24 j 22:51	15°♄33'56	-4.5m
superior conj	-664 Dec 27 j 19:48	0°♄26'04	0°-52'-18		-661 Jul 16 j 10:52	0°♄	
minimum elong	-664 Dec 27 j 08:23	29°♄50'14	0°51'53	morning max el	-661 Jul 30 j 00:11	12°♄16'28	45°59'55
max. Earth dist.	-664 Dec 31 j 18:38	5°♄23'13	1.71433 AU		-661 Aug 16 j 09:00	0°♄	
	-663 Jan 20 j 10:58	0°≈		asc. node	-661 Sep 11 j 23:02	29°♄45'11	
evening rise	-663 Feb 06 j 17:03	21°≈29'13			-661 Sep 12 j 04:08	0°♄	
	-663 Feb 13 j 13:39	0°✠			-661 Oct 07 j 09:29	0°♄	
	-663 Mar 09 j 20:49	0°♂			-661 Oct 31 j 20:19	0°♄	
asc. node	-663 Mar 27 j 03:55	21°♂10'32			-661 Nov 24 j 22:45	0°♄	
	-663 Apr 03 j 09:52	0°♄			-661 Dec 18 j 22:41	0°♄	
	-663 Apr 28 j 06:21	0°♄		desc. node	-660 Jan 01 j 13:19	17°♄00'34	
	-663 May 23 j 12:48	0°♄			-660 Jan 11 j 23:04	0°♄	
	-663 Jun 18 j 10:42	0°♄		morning set	-660 Feb 02 j 01:40	26°♄17'42	
	-663 Jul 15 j 13:55	0°♄			-660 Feb 05 j 01:10	0°≈	
desc. node	-663 Jul 16 j 18:01	1°♄14'39			-660 Feb 29 j 05:31	0°✠	
evening max el	-663 Aug 03 j 21:37	19°♄44'30	46°21'40				
	-663 Aug 14 j 23:35	0°♄		superior conj	-660 Mar 12 j 10:22	15°✠05'31	-1°-18'-27

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-660 Mar 12 j 17:30	15° K 27'33	1°18'21	morning rise	-658 Aug 02 j 06:01	25° G 46'48	
max. Earth dist.	-660 Mar 15 j 06:52	18° K 36'56	1.72983 AU	direct	-658 Aug 19 j 23:54	19° G 53'13	
	-660 Mar 24 j 12:22	0° Y		greatest brilliancy	-658 Sep 03 j 10:15	23° G 36'13	-4.6m
	-660 Apr 17 j 21:48	0° B			-658 Sep 14 j 00:24	0° Q	
evening rise	-660 Apr 19 j 03:37	1° B 31'26		asc. node	-658 Oct 09 j 10:48	22° Q 28'20	
asc. node	-660 Apr 23 j 15:56	7° B 03'32		morning max el	-658 Oct 09 j 08:23	22° Q 22'15	46°40'41
	-660 May 12 j 09:39	0° II			-658 Oct 16 j 17:23	0° M	
	-660 Jun 05 j 23:55	0° G			-658 Nov 12 j 13:09	0° A	
	-660 Jun 30 j 17:22	0° Q			-658 Dec 07 j 18:55	0° M	
	-660 Jul 25 j 16:03	0° M			-657 Jan 01 j 10:50	0° A	
desc. node	-660 Aug 13 j 05:52	22° M 04'20			-657 Jan 25 j 22:11	0° G	
	-660 Aug 19 j 23:37	0° A		desc. node	-657 Jan 29 j 01:06	3° G 50'01	
	-660 Sep 14 j 23:26	0° M			-657 Feb 19 j 08:32	0° A	
	-660 Oct 12 j 12:28	0° A			-657 Mar 15 j 19:07	0° K	
evening max el	-660 Oct 16 j 01:16	3° A 36'39	47°24'20		-657 Apr 09 j 06:11	0° Y	
	-660 Nov 15 j 14:48	0° G		morning set	-657 Apr 14 j 14:08	6° Y 32'05	
greatest brilliancy	-660 Nov 23 j 13:36	4° G 21'21	-4.7m		-657 May 03 j 17:26	0° B	
asc. node	-660 Dec 04 j 08:28	7° G 14'14		max. Earth dist.	-657 May 19 j 23:00	19° B 54'52	1.73668 AU
retrograde	-660 Dec 06 j 00:41	7° G 17'41					
evening set	-660 Dec 21 j 01:56	2° G 44'42		superior conj	-657 May 21 j 02:36	21° B 19'37	0°-2'-30
	-660 Dec 25 j 16:39	30° R A		minimum elong	-657 May 21 j 03:05	21° B 21'06	0°02'28
min. Earth dist.	-660 Dec 25 j 18:36	29° A 56'58	0.26883 AU	behind sun begin	-657 May 20 j 04:58	20° B 13'12	
inferior conj	-660 Dec 26 j 17:41	29° A 21'11	5°20'05	behind sun end	-657 May 22 j 01:12	22° B 29'01	
minimum elong	-660 Dec 26 j 08:02	29° A 36'09	5°17'40	asc. node	-657 May 22 j 03:48	22° B 36'58	
morning rise	-660 Dec 31 j 14:40	26° A 25'04			-657 May 28 j 04:03	0° II	
direct	-659 Jan 16 j 02:58	21° A 38'00			-657 Jun 21 j 13:21	0° G	
greatest brilliancy	-659 Jan 26 j 21:05	23° A 47'13	-4.6m	evening rise	-657 Jun 25 j 21:33	5° G 21'00	
	-659 Feb 07 j 13:14	0° G			-657 Jul 15 j 21:18	0° Q	
morning max el	-659 Mar 06 j 16:37	22° G 58'54	46°17'15		-657 Aug 09 j 04:54	0° M	
	-659 Mar 13 j 17:32	0° A			-657 Sep 02 j 13:43	0° A	
desc. node	-659 Mar 25 j 22:48	12° A 45'45		desc. node	-657 Sep 10 j 17:57	10° A 02'09	
	-659 Apr 10 j 17:46	0° K			-657 Sep 27 j 01:28	0° M	
	-659 May 07 j 03:35	0° Y			-657 Oct 21 j 18:30	0° A	
	-659 Jun 01 j 19:00	0° B			-657 Nov 15 j 22:18	0° G	
	-659 Jun 26 j 22:01	0° II			-657 Dec 12 j 04:12	0° A	
asc. node	-659 Jul 17 j 01:18	24° II 25'41		evening max el	-657 Dec 27 j 16:43	16° A 29'28	46°54'04
	-659 Jul 21 j 14:38	0° G		asc. node	-656 Jan 01 j 20:13	21° A 37'23	
	-659 Aug 14 j 22:19	0° Q			-656 Jan 10 j 19:22	0° K	
morning set	-659 Aug 31 j 04:58	20° Q 16'53		greatest brilliancy	-656 Feb 01 j 20:30	15° K 47'47	-4.6m
	-659 Sep 07 j 23:20	0° M		retrograde	-656 Feb 16 j 05:24	19° K 32'28	
	-659 Oct 01 j 20:30	0° A		evening set	-656 Mar 04 j 21:49	13° K 26'53	
max. Earth dist.	-659 Oct 07 j 19:11	7° A 28'57	1.71170 AU	inferior conj	-656 Mar 08 j 10:43	11° K 13'19	8°03'56
				minimum elong	-656 Mar 08 j 16:37	11° K 03'54	8°03'23
superior conj	-659 Oct 08 j 18:33	8° A 42'28	0°59'42	min. Earth dist.	-656 Mar 08 j 04:33	11° K 23'07	0.28679 AU
minimum elong	-659 Oct 09 j 05:22	9° A 16'29	0°59'18	morning rise	-656 Mar 12 j 11:42	8° K 42'08	
	-659 Oct 25 j 16:28	0° M		direct	-656 Mar 29 j 17:52	3° K 00'22	
desc. node	-659 Nov 05 j 15:47	13° M 48'12		greatest brilliancy	-656 Apr 10 j 10:14	5° K 28'04	-4.5m
	-659 Nov 18 j 12:59	0° A		desc. node	-656 Apr 22 j 10:32	12° K 00'23	
evening rise	-659 Nov 19 j 02:42	0° A 43'03			-656 May 14 j 10:42	0° Y	
	-659 Dec 12 j 11:10	0° G		morning max el	-656 May 17 j 14:09	2° Y 57'52	45°46'39
	-658 Jan 05 j 12:17	0° A			-656 Jun 12 j 23:01	0° B	
	-658 Jan 29 j 18:35	0° K			-656 Jul 09 j 19:08	0° II	
	-658 Feb 23 j 09:45	0° Y			-656 Aug 04 j 09:19	0° G	
asc. node	-658 Feb 26 j 18:04	4° Y 01'36		asc. node	-656 Aug 13 j 13:14	10° G 59'47	
	-658 Mar 20 j 15:14	0° B			-656 Aug 29 j 04:24	0° Q	
	-658 Apr 15 j 20:33	0° II			-656 Sep 22 j 10:44	0° M	
	-658 May 14 j 02:23	0° G			-656 Oct 16 j 09:40	0° A	
evening max el	-658 May 20 j 18:21	6° G 30'21	45°19'31		-656 Nov 09 j 05:35	0° M	
desc. node	-658 Jun 18 j 08:16	29° G 27'52		morning set	-656 Nov 13 j 05:52	5° M 03'19	
	-658 Jun 19 j 06:21	0° Q		desc. node	-656 Dec 03 j 03:32	0° A 06'46	
greatest brilliancy	-658 Jun 25 j 22:20	3° Q 17'34	-4.5m		-656 Dec 03 j 01:23	0° A	
retrograde	-658 Jul 08 j 07:59	5° Q 58'57					
evening set	-658 Jul 25 j 04:23	0° Q 39'02		superior conj	-656 Dec 25 j 05:18	27° A 50'39	0°-49'-5
	-658 Jul 26 j 07:07	30° R G		minimum elong	-656 Dec 24 j 18:12	27° A 15'52	0°48'40
inferior conj	-658 Jul 29 j 13:27	28° G 01'06	-7°-51'-52		-656 Dec 26 j 22:33	0° G	
minimum elong	-658 Jul 29 j 05:18	28° G 13'38	7°50'49	max. Earth dist.	-656 Dec 29 j 03:27	2° G 45'45	1.71386 AU
min. Earth dist.	-658 Jul 29 j 21:24	27° G 48'53	0.28356 AU		-655 Jan 19 j 22:00	0° A	

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-655 Feb 04 j 04:56	19° ≈ 02'43			-653 Sep 11 j 18:03	0° Ω	
	-655 Feb 13 j 00:41	0° H			-653 Oct 06 j 22:04	0° M	
	-655 Mar 09 j 07:56	0° Y			-653 Oct 31 j 08:13	0° $\underline{\Omega}$	
asc. node	-655 Mar 26 j 06:06	20° Y 42'52			-653 Nov 24 j 10:16	0° M	
	-655 Apr 02 j 21:14	0° B			-653 Dec 18 j 09:57	0° J	
	-655 Apr 27 j 18:11	0° II		desc. node	-653 Dec 31 j 15:20	16° J 31'54	
	-655 May 23 j 01:30	0° S			-652 Jan 11 j 10:10	0° S	
	-655 Jun 18 j 01:04	0° Ω		morning set	-652 Jan 30 j 13:07	23° S 49'50	
	-655 Jul 15 j 08:02	0° M			-652 Feb 04 j 12:08	0° \approx	
desc. node	-655 Jul 15 j 20:02	0° M 31'41			-652 Feb 28 j 16:20	0° H	
evening max el	-655 Aug 01 j 09:33	17° M 19'58	46°18'47				
	-655 Aug 15 j 06:50	0° $\underline{\Omega}$		superior conj	-652 Mar 10 j 01:16	12° H 50'00	-1°-19'-44
greatest brilliancy	-655 Sep 09 j 16:07	16° $\underline{\Omega}$ 19'46	-4.6m	minimum elong	-652 Mar 10 j 07:52	13° H 10'24	1°19'39
retrograde	-655 Sep 19 j 22:58	18° $\underline{\Omega}$ 16'05		max. Earth dist.	-652 Mar 12 j 22:24	16° H 23'31	1.72935 AU
evening set	-655 Oct 06 j 01:59	13° $\underline{\Omega}$ 18'58			-652 Mar 23 j 23:06	0° Y	
inferior conj	-655 Oct 10 j 15:09	10° $\underline{\Omega}$ 37'20	-6°-9'-21	evening rise	-652 Apr 16 j 20:48	29° Y 24'02	
minimum elong	-655 Oct 11 j 01:51	10° $\underline{\Omega}$ 21'05	6°06'52		-652 Apr 17 j 08:32	0° B	
min. Earth dist.	-655 Oct 11 j 06:59	10° $\underline{\Omega}$ 13'17	0.26719 AU	asc. node	-652 Apr 22 j 17:57	6° B 36'48	
morning rise	-655 Oct 16 j 01:15	7° $\underline{\Omega}$ 25'41			-652 May 11 j 20:31	0° II	
direct	-655 Oct 31 j 03:58	2° $\underline{\Omega}$ 55'30			-652 Jun 05 j 11:05	0° S	
asc. node	-655 Nov 05 j 22:35	3° $\underline{\Omega}$ 34'43			-652 Jun 30 j 05:04	0° Ω	
greatest brilliancy	-655 Nov 13 j 05:15	6° $\underline{\Omega}$ 04'56	-4.7m		-652 Jul 25 j 04:33	0° M	
	-655 Dec 14 j 11:01	0° M		desc. node	-652 Aug 12 j 08:02	21° M 31'25	
morning max el	-655 Dec 20 j 20:49	6° M 22'27	46°53'34		-652 Aug 19 j 13:23	0° $\underline{\Omega}$	
	-654 Jan 11 j 21:29	0° J			-652 Sep 14 j 15:32	0° M	
	-654 Feb 07 j 02:40	0° S			-652 Oct 12 j 10:21	0° J	
desc. node	-654 Feb 25 j 13:07	21° S 40'23		evening max el	-652 Oct 13 j 16:02	1° J 15'15	47°23'40
	-654 Mar 04 j 13:39	0° \approx			-652 Nov 17 j 06:33	0° S	
	-654 Mar 29 j 16:33	0° H		greatest brilliancy	-652 Nov 21 j 03:41	1° S 55'28	-4.7m
	-654 Apr 23 j 14:51	0° Y		asc. node	-652 Dec 03 j 10:22	4° S 51'23	
	-654 May 18 j 09:27	0° B		retrograde	-652 Dec 03 j 14:46	4° S 51'26	
	-654 Jun 11 j 23:56	0° II		evening set	-652 Dec 18 j 12:43	0° S 22'11	
asc. node	-654 Jun 18 j 15:32	8° II 08'58			-652 Dec 19 j 04:31	30° R J	
morning set	-654 Jun 20 j 21:29	10° II 54'32		min. Earth dist.	-652 Dec 23 j 07:57	27° J 31'05	0.26827 AU
	-654 Jul 06 j 09:42	0° S		inferior conj	-652 Dec 24 j 06:50	26° J 55'43	5°01'29
max. Earth dist.	-654 Jul 23 j 05:22	20° S 48'53	1.72691 AU	minimum elong	-652 Dec 23 j 21:26	27° J 10'15	4°59'01
				morning rise	-652 Dec 29 j 06:45	23° J 56'02	
superior conj	-654 Jul 27 j 06:25	25° S 50'06	1°14'42	direct	-651 Jan 13 j 16:09	19° J 13'26	
minimum elong	-654 Jul 26 j 23:01	25° S 27'06	1°14'33	greatest brilliancy	-651 Jan 24 j 10:15	21° J 23'26	-4.6m
	-654 Jul 30 j 14:52	0° Ω			-651 Feb 08 j 12:44	0° S	
	-654 Aug 23 j 16:41	0° M		morning max el	-651 Mar 04 j 07:28	20° S 41'51	46°18'37
evening rise	-654 Sep 02 j 05:26	11° M 54'15			-651 Mar 13 j 13:45	0° \approx	
	-654 Sep 16 j 16:59	0° $\underline{\Omega}$		desc. node	-651 Mar 25 j 00:54	12° \approx 04'36	
desc. node	-654 Oct 08 j 05:58	26° $\underline{\Omega}$ 54'26			-651 Apr 10 j 08:57	0° H	
	-654 Oct 10 j 17:27	0° M			-651 May 06 j 16:40	0° Y	
	-654 Nov 03 j 19:17	0° J			-651 Jun 01 j 06:58	0° B	
	-654 Nov 28 j 00:02	0° S			-651 Jun 26 j 09:22	0° II	
	-654 Dec 22 j 10:58	0° \approx		asc. node	-651 Jul 16 j 03:25	23° II 58'19	
	-653 Jan 16 j 10:56	0° H			-651 Jul 21 j 01:39	0° S	
asc. node	-653 Jan 29 j 08:09	15° H 01'21			-651 Aug 14 j 09:12	0° Ω	
	-653 Feb 11 j 14:11	0° Y		morning set	-651 Aug 28 j 19:59	18° Ω 00'03	
evening max el	-653 Mar 08 j 15:32	26° Y 17'31	45°39'09		-651 Sep 07 j 10:10	0° M	
	-653 Mar 12 j 12:18	0° B			-651 Oct 01 j 07:22	0° $\underline{\Omega}$	
greatest brilliancy	-653 Apr 11 j 20:10	22° B 49'56	-4.5m	max. Earth dist.	-651 Oct 05 j 02:23	4° $\underline{\Omega}$ 46'17	1.71195 AU
retrograde	-653 Apr 26 j 11:30	26° B 35'23					
evening set	-653 May 11 j 15:57	22° B 09'03		superior conj	-651 Oct 06 j 06:43	6° $\underline{\Omega}$ 15'25	1°02'18
inferior conj	-653 May 17 j 23:18	18° B 22'34	0°41'25	minimum elong	-651 Oct 06 j 17:25	6° $\underline{\Omega}$ 49'06	1°01'57
minimum elong	-653 May 18 j 00:48	18° B 20'12	0°40'59		-651 Oct 25 j 03:23	0° M	
min. Earth dist.	-653 May 18 j 06:30	18° B 11'17	0.29012 AU	desc. node	-651 Nov 04 j 17:47	13° M 20'05	
desc. node	-653 May 20 j 22:22	16° B 32'10		evening rise	-651 Nov 16 j 12:24	28° M 08'18	
morning rise	-653 May 24 j 09:22	14° B 30'56			-651 Nov 17 j 23:58	0° J	
direct	-653 Jun 08 j 15:25	10° B 02'27			-651 Dec 11 j 22:14	0° S	
greatest brilliancy	-653 Jun 22 j 15:32	13° B 25'55	-4.5m		-650 Jan 04 j 23:28	0° \approx	
	-653 Jul 16 j 15:50	0° II			-650 Jan 29 j 06:00	0° H	
morning max el	-653 Jul 27 j 16:34	10° II 06'56	45°58'57		-650 Feb 22 j 21:39	0° Y	
	-653 Aug 16 j 02:05	0° S		asc. node	-650 Feb 25 j 20:11	3° Y 31'58	
asc. node	-653 Sep 11 j 01:08	29° S 10'45			-650 Mar 20 j 04:07	0° B	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-650 Apr 15 j 11:32	0° Π			-648 Sep 21 j 22:03	0° η		
	-650 May 13 j 22:58	0° Φ			-648 Oct 15 j 20:52	0° Ω		
evening max el	-650 May 18 j 10:04	4° Φ 19'26	45°18'40		-648 Nov 08 j 16:44	0° \mathcal{M}		
desc. node	-650 Jun 17 j 10:17	28° Φ 05'20		morning set	-648 Nov 10 j 16:10	2° \mathcal{M} 29'27		
	-650 Jun 21 j 02:51	0° Ω		desc. node	-648 Dec 02 j 05:33	29° \mathcal{M} 38'09		
greatest brilliancy	-650 Jun 23 j 11:15	1° Ω 02'27	-4.5m		-648 Dec 02 j 12:30	0° \mathcal{A}		
retrograde	-650 Jul 05 j 22:15	3° Ω 44'57						
	-650 Jul 19 j 21:42	30° $\mathcal{R}\Phi$		superior conj	-648 Dec 22 j 14:49	25° \mathcal{A} 15'15	0°-45'-47	
evening set	-650 Jul 22 j 15:39	28° Φ 30'07		minimum elong	-648 Dec 22 j 04:08	24° \mathcal{A} 41'45	0°45'21	
inferior conj	-650 Jul 27 j 04:18	25° Φ 46'39	-7°-41'-59		-648 Dec 26 j 09:38	0° \mathcal{C}		
minimum elong	-650 Jul 26 j 19:42	25° Φ 59'55	7°40'48	max. Earth dist.	-648 Dec 26 j 08:39	29° \mathcal{A} 56'56	1.71340 AU	
min. Earth dist.	-650 Jul 27 j 11:38	25° Φ 35'21	0.28395 AU		-647 Jan 19 j 09:01	0° \approx		
morning rise	-650 Jul 30 j 23:31	23° Φ 28'07		evening rise	-647 Feb 01 j 16:52	16° \approx 36'19		
direct	-650 Aug 17 j 15:33	17° Φ 38'19			-647 Feb 12 j 11:41	0° \mathcal{H}		
greatest brilliancy	-650 Sep 01 j 00:41	21° Φ 19'24	-4.6m		-647 Mar 08 j 19:01	0° Υ		
	-650 Sep 14 j 17:32	0° Ω		asc. node	-647 Mar 25 j 08:08	20° Υ 14'57		
morning max el	-650 Oct 06 j 22:17	20° Ω 00'43	46°39'21		-647 Apr 02 j 08:32	0° \mathcal{B}		
asc. node	-650 Oct 08 j 12:51	21° Ω 38'29			-647 Apr 27 j 05:59	0° Π		
	-650 Oct 16 j 12:46	0° η			-647 May 22 j 14:15	0° Φ		
	-650 Nov 12 j 04:16	0° Ω			-647 Jun 17 j 15:39	0° Ω		
	-650 Dec 07 j 08:16	0° \mathcal{M}		desc. node	-647 Jul 14 j 22:13	29° Ω 48'11		
	-650 Dec 31 j 23:13	0° \mathcal{A}			-647 Jul 15 j 02:43	0° η		
desc. node	-649 Jan 25 j 09:56	0° \mathcal{C}		evening max el	-647 Jul 29 j 21:24	14° η 55'02	46°15'56	
	-649 Jan 28 j 03:18	3° \mathcal{C} 20'50			-647 Aug 15 j 16:57	0° Ω		
	-649 Feb 18 j 19:50	0° \approx		greatest brilliancy	-647 Sep 07 j 04:33	13° Ω 53'26	-4.6m	
	-649 Mar 15 j 06:05	0° \mathcal{H}		retrograde	-647 Sep 17 j 10:36	15° Ω 49'26		
	-649 Apr 08 j 16:57	0° Υ		evening set	-647 Oct 03 j 17:30	10° Ω 47'07		
morning set	-649 Apr 12 j 07:40	4° Υ 25'47		inferior conj	-647 Oct 08 j 03:31	8° Ω 10'13	-6°-26'-4	
	-649 May 03 j 04:05	0° \mathcal{B}		minimum elong	-647 Oct 08 j 14:15	7° Ω 53'56	6°23'43	
max. Earth dist.	-649 May 17 j 20:17	18° \mathcal{B} 00'13	1.73672 AU	min. Earth dist.	-647 Oct 08 j 20:22	7° Ω 44'39	0.26774 AU	
				morning rise	-647 Oct 13 j 10:31	5° Ω 02'56		
superior conj	-649 May 18 j 21:02	19° \mathcal{B} 16'12	0°-5'-36	direct	-647 Oct 28 j 16:38	0° Ω 27'10		
minimum elong	-649 May 18 j 22:10	19° \mathcal{B} 19'41	0°05'34	asc. node	-647 Nov 05 j 00:33	1° Ω 29'44		
behind sun begin	-649 May 18 j 01:03	18° \mathcal{B} 14'53		greatest brilliancy	-647 Nov 10 j 21:33	3° Ω 40'41	-4.7m	
behind sun end	-649 May 19 j 19:16	20° \mathcal{B} 24'28			-647 Dec 14 j 12:22	0° \mathcal{M}		
asc. node	-649 May 21 j 05:47	22° \mathcal{B} 10'24		morning max el	-647 Dec 18 j 10:10	3° \mathcal{M} 55'34	46°54'08	
	-649 May 27 j 14:42	0° Π			-646 Jan 11 j 14:46	0° \mathcal{A}		
	-649 Jun 21 j 00:04	0° Φ			-646 Feb 06 j 17:06	0° \mathcal{C}		
evening rise	-649 Jun 23 j 16:32	3° Φ 18'28		desc. node	-646 Feb 24 j 15:09	21° \mathcal{C} 06'58		
	-649 Jul 15 j 08:13	0° Ω			-646 Mar 04 j 02:37	0° \approx		
	-649 Aug 08 j 16:08	0° η			-646 Mar 29 j 04:36	0° \mathcal{H}		
	-649 Sep 02 j 01:26	0° Ω			-646 Apr 23 j 02:19	0° Υ		
desc. node	-649 Sep 09 j 20:03	9° Ω 32'09			-646 May 17 j 20:32	0° \mathcal{B}		
	-649 Sep 26 j 13:49	0° \mathcal{M}			-646 Jun 11 j 10:49	0° Π		
	-649 Oct 21 j 07:43	0° \mathcal{A}		asc. node	-646 Jun 17 j 17:42	7° Π 42'16		
	-649 Nov 15 j 12:58	0° \mathcal{C}		morning set	-646 Jun 18 j 15:56	8° Π 50'29		
	-649 Dec 11 j 22:02	0° \approx			-646 Jul 05 j 20:31	0° Φ		
evening max el	-649 Dec 25 j 07:36	14° \approx 10'26	46°56'34	max. Earth dist.	-646 Jul 21 j 02:05	18° Φ 50'34	1.72749 AU	
asc. node	-649 Dec 31 j 22:24	20° \approx 44'37						
	-648 Jan 11 j 01:15	0° \mathcal{H}		superior conj	-646 Jul 25 j 00:10	23° Φ 42'27	1°13'09	
greatest brilliancy	-648 Jan 30 j 15:05	13° \mathcal{H} 37'24	-4.6m	minimum elong	-646 Jul 24 j 16:26	23° Φ 18'27	1°12'58	
retrograde	-648 Feb 13 j 21:21	17° \mathcal{H} 19'34			-646 Jul 30 j 01:45	0° Ω		
evening set	-648 Mar 02 j 15:46	11° \mathcal{H} 11'50			-646 Aug 23 j 03:43	0° η		
inferior conj	-648 Mar 06 j 02:51	9° \mathcal{H} 00'54	8°10'32	evening rise	-646 Aug 30 j 20:28	9° η 36'42		
minimum elong	-648 Mar 06 j 08:09	8° \mathcal{H} 52'28	8°10'06		-646 Sep 16 j 04:13	0° Ω		
min. Earth dist.	-648 Mar 05 j 19:50	9° \mathcal{H} 12'05	0.28635 AU	desc. node	-646 Oct 07 j 07:56	26° Ω 24'53		
morning rise	-648 Mar 10 j 00:48	6° \mathcal{H} 34'04			-646 Oct 10 j 04:55	0° \mathcal{M}		
direct	-648 Mar 27 j 09:12	0° \mathcal{H} 48'49			-646 Nov 03 j 07:02	0° \mathcal{A}		
greatest brilliancy	-648 Apr 07 j 23:25	3° \mathcal{H} 14'01	-4.5m		-646 Nov 27 j 12:10	0° \mathcal{C}		
desc. node	-648 Apr 21 j 12:33	10° \mathcal{H} 47'51			-646 Dec 21 j 23:43	0° \approx		
	-648 May 14 j 09:57	0° Υ			-645 Jan 16 j 00:46	0° \mathcal{H}		
morning max el	-648 May 15 j 04:42	0° Υ 44'35	45°46'56	asc. node	-645 Jan 28 j 10:15	14° \mathcal{H} 25'05		
	-648 Jun 12 j 14:53	0° \mathcal{B}			-645 Feb 11 j 06:27	0° Υ		
	-648 Jul 09 j 08:31	0° Π		evening max el	-645 Mar 06 j 07:15	24° Υ 05'24	45°41'25	
	-648 Aug 03 j 21:32	0° Φ			-645 Mar 12 j 12:28	0° \mathcal{B}		
asc. node	-648 Aug 12 j 15:23	10° Φ 30'10		greatest brilliancy	-645 Apr 09 j 11:20	20° \mathcal{B} 40'07	-4.5m	
	-648 Aug 28 j 16:01	0° Ω		retrograde	-645 Apr 24 j 04:49	24° \mathcal{B} 27'52		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening set	-645 May 09 j 09:47	19°♄59'29		superior conj	-643 Oct 03 j 19:22	3°♂49'04	1°04'45
inferior conj	-645 May 15 j 15:58	16°♄14'24	1°00'43	minimum elong	-643 Oct 04 j 05:53	4°♂22'10	1°04'25
minimum elong	-645 May 15 j 18:10	16°♄10'57	1°00'05		-643 Oct 24 j 14:39	0°♂	
min. Earth dist.	-645 May 15 j 22:59	16°♄03'25	0.29018 AU	desc. node	-643 Nov 03 j 19:52	12°♂51'01	
desc. node	-645 May 20 j 00:23	13°♄34'02		evening rise	-643 Nov 13 j 21:59	25°♂31'49	
morning rise	-645 May 22 j 02:23	12°♄22'37			-643 Nov 17 j 11:22	0°♄	
direct	-645 Jun 06 j 08:14	7°♄54'08			-643 Dec 11 j 09:45	0°♄	
greatest brilliancy	-645 Jun 20 j 07:38	11°♄17'25	-4.5m		-642 Jan 04 j 11:07	0°≈	
	-645 Jul 16 j 19:05	0°♂			-642 Jan 28 j 17:53	0°♄	
morning max el	-645 Jul 25 j 09:28	7°♂58'35	45°57'46		-642 Feb 22 j 10:03	0°♄	
	-645 Aug 15 j 19:00	0°♄		asc. node	-642 Feb 24 j 22:12	3°♄00'38	
asc. node	-645 Sep 10 j 03:10	28°♄35'33			-642 Mar 19 j 17:32	0°♄	
	-645 Sep 11 j 08:06	0°♂			-642 Apr 15 j 03:09	0°♂	
	-645 Oct 06 j 10:54	0°♄			-642 May 13 j 20:43	0°♄	
	-645 Oct 30 j 20:25	0°♂		evening max el	-642 May 16 j 01:10	2°♄06'05	45°17'59
	-645 Nov 23 j 22:07	0°♂		desc. node	-642 Jun 16 j 12:31	26°♄39'44	
	-645 Dec 17 j 21:32	0°♄		greatest brilliancy	-642 Jun 21 j 00:58	28°♄47'45	-4.5m
desc. node	-645 Dec 30 j 17:32	16°♄02'54			-642 Jun 24 j 07:45	0°♂	
	-644 Jan 10 j 21:33	0°♄		retrograde	-642 Jul 03 j 12:30	1°♂31'07	
morning set	-644 Jan 28 j 00:21	21°♄20'17			-642 Jul 12 j 08:31	30°♄	
	-644 Feb 03 j 23:22	0°≈		evening set	-642 Jul 20 j 03:16	26°♄21'14	
	-644 Feb 28 j 03:27	0°♄		inferior conj	-642 Jul 24 j 19:29	23°♄32'30	-7°-31'-33
				minimum elong	-642 Jul 24 j 10:28	23°♄46'25	7°30'13
superior conj	-644 Mar 07 j 16:01	10°♄32'59	-1°-20'-54	min. Earth dist.	-642 Jul 25 j 02:33	23°♄21'35	0.28429 AU
minimum elong	-644 Mar 07 j 22:01	10°♄51'33	1°20'49	morning rise	-642 Jul 28 j 17:24	21°♄09'40	
max. Earth dist.	-644 Mar 10 j 15:27	14°♄13'46	1.72886 AU	direct	-642 Aug 15 j 06:53	15°♄23'40	
	-644 Mar 23 j 10:08	0°♄		greatest brilliancy	-642 Aug 29 j 15:34	19°♄03'10	-4.6m
evening rise	-644 Apr 14 j 14:03	27°♄15'50			-642 Sep 15 j 06:26	0°♂	
	-644 Apr 16 j 19:33	0°♄		morning max el	-642 Oct 04 j 11:33	17°♂37'14	46°38'00
asc. node	-644 Apr 21 j 19:59	6°♄09'11		asc. node	-642 Oct 07 j 14:54	20°♂49'00	
	-644 May 11 j 07:40	0°♂			-642 Oct 16 j 07:48	0°♄	
	-644 Jun 04 j 22:32	0°♄			-642 Nov 11 j 19:25	0°♂	
	-644 Jun 29 j 17:02	0°♂			-642 Dec 06 j 21:50	0°♂	
	-644 Jul 24 j 17:21	0°♄			-642 Dec 31 j 11:57	0°♄	
desc. node	-644 Aug 11 j 10:04	20°♄57'07			-641 Jan 24 j 22:06	0°♄	
	-644 Aug 19 j 03:35	0°♂		desc. node	-641 Jan 27 j 05:21	2°♄49'54	
	-644 Sep 14 j 08:21	0°♂			-641 Feb 18 j 07:33	0°≈	
evening max el	-644 Oct 11 j 07:15	28°♂53'30	47°22'35		-641 Mar 14 j 17:28	0°♄	
	-644 Oct 12 j 09:44	0°♄			-641 Apr 08 j 04:06	0°♄	
greatest brilliancy	-644 Nov 18 j 18:27	29°♄28'18	-4.7m	morning set	-641 Apr 10 j 00:44	2°♄16'54	
	-644 Nov 20 j 00:31	0°♄			-641 May 02 j 15:06	0°♄	
retrograde	-644 Dec 01 j 04:37	2°♄22'24		max. Earth dist.	-641 May 15 j 16:18	16°♄00'43	1.73674 AU
asc. node	-644 Dec 02 j 12:34	2°♄20'12					
	-644 Dec 11 j 20:41	30°♄		superior conj	-641 May 16 j 15:19	17°♄11'23	0°-8'-43
evening set	-644 Dec 15 j 23:26	27°♄57'06		minimum elong	-641 May 16 j 17:05	17°♄16'47	0°08'39
min. Earth dist.	-644 Dec 20 j 21:08	25°♄02'29	0.26768 AU	behind sun begin	-641 May 15 j 22:08	16°♄18'38	
inferior conj	-644 Dec 21 j 19:38	24°♄27'44	4°42'00	behind sun end	-641 May 17 j 12:02	18°♄14'56	
minimum elong	-644 Dec 21 j 10:35	24°♄41'42	4°39'33	asc. node	-641 May 20 j 07:56	21°♄43'21	
morning rise	-644 Dec 26 j 22:26	21°♄24'26			-641 May 27 j 01:41	0°♂	
direct	-643 Jan 11 j 05:10	16°♄46'38			-641 Jun 20 j 11:08	0°♄	
greatest brilliancy	-643 Jan 21 j 22:37	18°♄56'33	-4.6m	evening rise	-641 Jun 21 j 11:36	1°♄15'20	
	-643 Feb 09 j 06:55	0°♄			-641 Jul 14 j 19:27	0°♂	
morning max el	-643 Mar 01 j 21:28	18°♄21'16	46°20'03		-641 Aug 08 j 03:40	0°♄	
	-643 Mar 13 j 09:49	0°≈			-641 Sep 01 j 13:23	0°♂	
desc. node	-643 Mar 24 j 02:57	11°≈22'34		desc. node	-641 Sep 08 j 22:04	9°♂01'19	
	-643 Apr 10 j 00:18	0°♄			-641 Sep 26 j 02:22	0°♂	
	-643 May 06 j 05:59	0°♄			-641 Oct 20 j 21:10	0°♄	
	-643 May 31 j 19:13	0°♄			-641 Nov 15 j 03:59	0°♄	
	-643 Jun 25 j 20:59	0°♂			-641 Dec 11 j 16:36	0°≈	
asc. node	-643 Jul 15 j 05:35	23°♂30'15		evening max el	-641 Dec 22 j 21:31	11°≈47'46	46°58'43
	-643 Jul 20 j 12:56	0°♄		asc. node	-641 Dec 31 j 00:29	19°≈49'23	
	-643 Aug 13 j 20:20	0°♂			-640 Jan 11 j 10:10	0°♄	
morning set	-643 Aug 26 j 11:35	15°♄44'15		greatest brilliancy	-640 Jan 28 j 08:54	11°♄24'01	-4.6m
	-643 Sep 06 j 21:16	0°♄		retrograde	-640 Feb 11 j 12:57	15°♄04'35	
	-643 Sep 30 j 18:31	0°♂		evening set	-640 Feb 29 j 09:10	8°♄54'48	
max. Earth dist.	-643 Oct 02 j 08:34	1°♂59'37	1.71232 AU	inferior conj	-640 Mar 03 j 18:43	6°♄46'19	8°16'23
				minimum elong	-640 Mar 03 j 23:22	6°♄38'55	8°16'03

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

min. Earth dist.	-640 Mar 03 j 11:02	6° H 58'35	0.28594 AU		-638 Jul 29 j 12:37	0° Ω	
morning rise	-640 Mar 07 j 13:47	4° H 23'45			-638 Aug 22 j 14:43	0° M	
	-640 Mar 16 j 13:59	30° R \approx		evening rise	-638 Aug 28 j 11:31	7° M 19'19	
direct	-640 Mar 24 j 23:53	28° \approx 34'55			-638 Sep 15 j 15:25	0° $\underline{\Omega}$	
	-640 Apr 02 j 18:37	0° H		desc. node	-638 Oct 06 j 10:02	25° $\underline{\Omega}$ 55'57	
greatest brilliancy	-640 Apr 05 j 13:27	0° H 59'03	-4.5m		-638 Oct 09 j 16:20	0° M	
desc. node	-640 Apr 20 j 14:38	9° H 35'58			-638 Nov 02 j 18:43	0° J	
morning max el	-640 May 12 j 19:07	28° H 29'44	45°47'26		-638 Nov 27 j 00:13	0° Z	
	-640 May 14 j 08:44	0° Y			-638 Dec 21 j 12:20	0° \approx	
	-640 Jun 12 j 06:50	0° B			-637 Jan 15 j 14:30	0° H	
	-640 Jul 08 j 22:02	0° II		asc. node	-637 Jan 27 j 12:15	13° H 48'53	
	-640 Aug 03 j 09:54	0° S			-637 Feb 10 j 22:45	0° Y	
asc. node	-640 Aug 11 j 17:18	9° S 59'21		evening max el	-637 Mar 03 j 23:37	21° Y 55'18	45°43'28
	-640 Aug 28 j 03:47	0° Ω			-637 Mar 12 j 13:39	0° B	
	-640 Sep 21 j 09:31	0° M		greatest brilliancy	-637 Apr 07 j 03:19	18° B 31'28	-4.5m
	-640 Oct 15 j 08:10	0° $\underline{\Omega}$		retrograde	-637 Apr 21 j 21:58	22° B 19'59	
morning set	-640 Nov 08 j 03:09	29° $\underline{\Omega}$ 57'28		evening set	-637 May 07 j 03:39	17° B 49'41	
	-640 Nov 08 j 03:58	0° M		inferior conj	-637 May 13 j 08:29	14° B 05'58	1°20'07
desc. node	-640 Dec 01 j 07:45	29° M 09'57		minimum elong	-637 May 13 j 11:23	14° B 01'26	1°19'17
	-640 Dec 01 j 23:40	0° J		min. Earth dist.	-637 May 13 j 15:12	13° B 55'28	0.29028 AU
				desc. node	-637 May 19 j 02:35	10° B 37'00	
superior conj	-640 Dec 20 j 00:37	22° J 40'27	0°-42'-22	morning rise	-637 May 19 j 19:04	10° B 14'06	
minimum elong	-640 Dec 19 j 14:26	22° J 08'30	0°41'57	direct	-637 Jun 04 j 01:14	5° B 45'41	
max. Earth dist.	-640 Dec 23 j 13:13	27° J 05'49	1.71304 AU	greatest brilliancy	-637 Jun 17 j 22:50	9° B 07'39	-4.5m
	-640 Dec 25 j 20:46	0° Z			-637 Jul 16 j 20:51	0° II	
	-639 Jan 18 j 20:09	0° \approx		morning max el	-637 Jul 23 j 02:11	5° II 49'57	45°56'37
evening rise	-639 Jan 30 j 04:43	14° \approx 09'11			-637 Aug 15 j 11:33	0° S	
	-639 Feb 11 j 22:52	0° H		asc. node	-637 Sep 09 j 05:17	28° S 01'11	
	-639 Mar 08 j 06:19	0° Y			-637 Sep 10 j 21:54	0° Ω	
asc. node	-639 Mar 24 j 10:10	19° Y 46'17			-637 Oct 05 j 23:29	0° M	
	-639 Apr 01 j 20:05	0° B			-637 Oct 30 j 08:24	0° $\underline{\Omega}$	
	-639 Apr 26 j 18:04	0° II			-637 Nov 23 j 09:43	0° M	
	-639 May 22 j 03:19	0° S			-637 Dec 17 j 08:53	0° J	
	-639 Jun 17 j 06:38	0° Ω		desc. node	-637 Dec 29 j 19:31	15° J 33'59	
desc. node	-639 Jul 14 j 00:14	29° Ω 03'13			-636 Jan 10 j 08:42	0° Z	
	-639 Jul 14 j 22:07	0° M		morning set	-636 Jan 25 j 11:48	18° Z 52'10	
evening max el	-639 Jul 27 j 09:51	12° M 31'29	46°13'15		-636 Feb 03 j 10:20	0° \approx	
	-639 Aug 16 j 06:38	0° $\underline{\Omega}$			-636 Feb 27 j 14:16	0° H	
greatest brilliancy	-639 Sep 04 j 16:03	11° $\underline{\Omega}$ 26'13	-4.6m				
retrograde	-639 Sep 14 j 22:58	13° $\underline{\Omega}$ 22'55		superior conj	-636 Mar 05 j 06:55	8° H 17'16	-1°-21'-54
evening set	-639 Oct 01 j 09:04	8° $\underline{\Omega}$ 15'16		minimum elong	-636 Mar 05 j 12:16	8° H 33'49	1°21'51
inferior conj	-639 Oct 05 j 15:53	5° $\underline{\Omega}$ 43'05	-6°-42'-10	max. Earth dist.	-636 Mar 08 j 10:54	12° H 12'14	1.72837 AU
minimum elong	-639 Oct 06 j 02:35	5° $\underline{\Omega}$ 26'53	6°39'55		-636 Mar 22 j 20:52	0° Y	
min. Earth dist.	-639 Oct 06 j 09:20	5° $\underline{\Omega}$ 16'38	0.26827 AU	evening rise	-636 Apr 12 j 07:22	25° Y 08'43	
morning rise	-639 Oct 10 j 19:38	2° $\underline{\Omega}$ 40'37			-636 Apr 16 j 06:19	0° B	
	-639 Oct 16 j 08:06	30° R M		asc. node	-636 Apr 20 j 22:11	5° B 42'51	
direct	-639 Oct 26 j 05:42	27° M 59'01			-636 May 10 j 18:36	0° II	
asc. node	-639 Nov 04 j 02:43	29° M 29'56			-636 Jun 04 j 09:49	0° S	
	-639 Nov 05 j 12:52	0° $\underline{\Omega}$			-636 Jun 29 j 04:51	0° Ω	
greatest brilliancy	-639 Nov 08 j 13:07	1° $\underline{\Omega}$ 15'50	-4.7m		-636 Jul 24 j 06:02	0° M	
	-639 Dec 14 j 12:23	0° M		desc. node	-636 Aug 10 j 12:05	20° M 23'07	
morning max el	-639 Dec 16 j 00:30	1° M 31'31	46°54'46		-636 Aug 18 j 17:43	0° $\underline{\Omega}$	
	-638 Jan 11 j 07:36	0° J			-636 Sep 14 j 01:13	0° M	
	-638 Feb 06 j 07:16	0° Z		evening max el	-636 Oct 08 j 22:16	26° M 32'07	47°21'27
desc. node	-638 Feb 23 j 17:11	20° Z 33'53			-636 Oct 12 j 09:48	0° J	
	-638 Mar 03 j 15:26	0° \approx		greatest brilliancy	-636 Nov 16 j 10:09	27° J 03'15	-4.7m
	-638 Mar 28 j 16:37	0° H		retrograde	-636 Nov 28 j 18:09	29° J 54'09	
	-638 Apr 22 j 13:49	0° Y		asc. node	-636 Dec 01 j 14:41	29° J 43'58	
	-638 May 17 j 07:41	0° B		evening set	-636 Dec 13 j 10:26	25° J 32'47	
	-638 Jun 10 j 21:44	0° II		min. Earth dist.	-636 Dec 18 j 10:43	22° J 34'25	0.26710 AU
morning set	-638 Jun 16 j 10:06	6° II 45'33		inferior conj	-636 Dec 19 j 08:28	22° J 00'46	4°21'49
asc. node	-638 Jun 16 j 19:49	7° II 15'20		minimum elong	-636 Dec 18 j 23:52	22° J 14'05	4°19'26
	-638 Jul 05 j 07:21	0° S		morning rise	-636 Dec 24 j 14:02	18° J 53'45	
max. Earth dist.	-638 Jul 18 j 22:16	16° S 50'42	1.72801 AU	direct	-635 Jan 08 j 17:59	14° J 20'53	
				greatest brilliancy	-635 Jan 19 j 11:18	16° J 30'46	-4.6m
superior conj	-638 Jul 22 j 17:40	21° S 34'07	1°11'29		-635 Feb 09 j 20:02	0° Z	
minimum elong	-638 Jul 22 j 09:39	21° S 09'15	1°11'17	morning max el	-635 Feb 27 j 10:38	15° Z 59'33	46°21'35

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-635 Mar 13 j 04:51	0°≈				-633 Sep 25 j 14:45	0°ℓ		
desc. node	-635 Mar 23 j 05:02	10°≈42'22				-633 Oct 20 j 10:30	0°↗		
	-635 Apr 09 j 15:00	0°✕				-633 Nov 14 j 18:56	0°☾		
	-635 May 05 j 18:48	0°∇				-633 Dec 11 j 11:19	0°≈		
	-635 May 31 j 07:02	0°♂		evening max el		-633 Dec 20 j 11:18	9°≈25'36	47°01'08	
	-635 Jun 25 j 08:16	0°Ⅱ		asc. node		-633 Dec 30 j 02:28	18°≈53'43		
asc. node	-635 Jul 14 j 07:33	23°Ⅱ02'31				-632 Jan 11 j 21:39	0°✕		
	-635 Jul 19 j 23:57	0°☾		greatest brilliancy		-632 Jan 26 j 01:45	9°✕10'21	-4.6m	
	-635 Aug 13 j 07:13	0°♂		retrograde		-632 Feb 09 j 04:58	12°✕50'51		
morning set	-635 Aug 24 j 02:57	13°♂28'35		evening set		-632 Feb 27 j 02:23	6°✕39'05		
	-635 Sep 06 j 08:07	0°♍		inferior conj		-632 Mar 01 j 10:38	4°✕32'48	8°21'28	
max. Earth dist.	-635 Sep 29 j 13:50	29°♍11'05	1.71267 AU	minimum elong		-632 Mar 01 j 14:36	4°✕26'29	8°21'13	
	-635 Sep 30 j 05:24	0°♂		min. Earth dist.		-632 Mar 01 j 02:07	4°✕46'22	0.28550 AU	
				morning rise		-632 Mar 05 j 03:01	2°✕14'23		
superior conj	-635 Oct 01 j 07:57	1°♂23'29	1°07'05			-632 Mar 09 j 01:57	30°ℓ≈		
minimum elong	-635 Oct 01 j 18:13	1°♂55'45	1°06'46	direct		-632 Mar 22 j 14:32	26°≈21'59		
	-635 Oct 24 j 01:37	0°ℓ		greatest brilliancy		-632 Apr 03 j 03:54	28°≈45'47	-4.5m	
desc. node	-635 Nov 02 j 22:01	12°ℓ23'14				-632 Apr 06 j 00:32	0°✕		
evening rise	-635 Nov 11 j 07:28	22°ℓ56'10		desc. node		-632 Apr 19 j 16:47	8°✕27'22		
	-635 Nov 16 j 22:26	0°↗		morning max el		-632 May 10 j 10:29	26°✕18'18	45°48'05	
	-635 Dec 10 j 20:56	0°☾				-632 May 14 j 06:09	0°∇		
	-634 Jan 03 j 22:25	0°≈				-632 Jun 11 j 22:06	0°♂		
	-634 Jan 28 j 05:27	0°✕				-632 Jul 08 j 11:03	0°Ⅱ		
	-634 Feb 21 j 22:06	0°∇				-632 Aug 02 j 21:50	0°☾		
asc. node	-634 Feb 24 j 00:18	2°∇30'37		asc. node		-632 Aug 10 j 19:30	9°☾30'31		
	-634 Mar 19 j 06:36	0°♂				-632 Aug 27 j 15:11	0°♂		
	-634 Apr 14 j 18:31	0°Ⅱ				-632 Sep 20 j 20:41	0°♍		
evening max el	-634 May 13 j 15:33	29°Ⅱ52'21	45°17'18			-632 Oct 14 j 19:16	0°♂		
	-634 May 13 j 18:45	0°☾		morning set		-632 Nov 05 j 13:53	27°♂25'10		
desc. node	-634 Jun 15 j 14:28	25°☾12'01				-632 Nov 07 j 15:01	0°ℓ		
greatest brilliancy	-634 Jun 18 j 13:35	26°☾33'02	-4.5m	desc. node		-632 Nov 30 j 09:46	28°ℓ41'37		
retrograde	-634 Jul 01 j 02:43	29°☾18'42				-632 Dec 01 j 10:41	0°↗		
evening set	-634 Jul 17 j 14:52	24°☾13'16							
inferior conj	-634 Jul 22 j 10:39	21°☾19'31	-7°-20'-20	superior conj		-632 Dec 17 j 09:49	20°↗04'10	0°-38'-49	
minimum elong	-634 Jul 22 j 01:18	21°☾33'57	7°18'50	minimum elong		-632 Dec 17 j 00:14	19°↗34'04	0°38'26	
min. Earth dist.	-634 Jul 22 j 17:43	21°☾08'35	0.28469 AU	max. Earth dist.		-632 Dec 20 j 17:24	24°↗13'56	1.71266 AU	
morning rise	-634 Jul 26 j 11:24	18°☾52'18				-632 Dec 25 j 07:44	0°☾		
direct	-634 Aug 12 j 21:59	13°☾09'50				-631 Jan 18 j 07:06	0°≈		
greatest brilliancy	-634 Aug 27 j 07:50	16°☾49'37	-4.6m	evening rise		-631 Jan 27 j 16:13	11°≈41'35		
	-634 Sep 15 j 15:44	0°♂				-631 Feb 11 j 09:50	0°✕		
morning max el	-634 Oct 02 j 01:02	15°♂15'04	46°36'42			-631 Mar 07 j 17:23	0°∇		
asc. node	-634 Oct 06 j 17:04	20°♂01'11		asc. node		-631 Mar 23 j 12:21	19°∇18'51		
	-634 Oct 16 j 02:07	0°♍				-631 Apr 01 j 07:25	0°♂		
	-634 Nov 11 j 10:08	0°♂				-631 Apr 26 j 05:55	0°Ⅱ		
	-634 Dec 06 j 11:00	0°ℓ				-631 May 21 j 16:10	0°☾		
	-634 Dec 31 j 00:14	0°↗				-631 Jun 16 j 21:28	0°♂		
	-633 Jan 24 j 09:49	0°☾		desc. node		-631 Jul 13 j 02:17	28°♂18'47		
desc. node	-633 Jan 26 j 07:21	2°☾20'08				-631 Jul 14 j 17:39	0°♍		
	-633 Feb 17 j 18:51	0°≈		evening max el		-631 Jul 24 j 23:24	10°♍11'59	46°10'34	
	-633 Mar 14 j 04:27	0°✕				-631 Aug 17 j 00:07	0°♂		
morning set	-633 Apr 07 j 17:57	0°∇09'29		greatest brilliancy		-631 Sep 02 j 02:50	8°♂59'53	-4.6m	
	-633 Apr 07 j 14:51	0°∇		retrograde		-631 Sep 12 j 11:44	10°♂57'48		
	-633 May 02 j 01:43	0°♂		evening set		-631 Sep 29 j 00:49	5°♂44'55		
max. Earth dist.	-633 May 13 j 12:24	14°♂02'44	1.73673 AU	inferior conj		-631 Oct 03 j 04:25	3°♂17'13	-6°-57'-13	
				minimum elong		-631 Oct 03 j 14:59	3°♂01'12	6°55'07	
superior conj	-633 May 14 j 09:55	15°♂08'45	0°-11'-48	min. Earth dist.		-631 Oct 03 j 22:05	2°♂50'28	0.26888 AU	
minimum elong	-633 May 14 j 12:18	15°♂16'04	0°11'41	morning rise		-631 Oct 08 j 04:46	0°♂19'39		
behind sun begin	-633 May 13 j 21:01	14°♂29'11				-631 Oct 08 j 19:01	30°ℓ♍		
behind sun end	-633 May 15 j 03:34	16°♂02'56		direct		-631 Oct 23 j 19:28	25°♍32'13		
asc. node	-633 May 19 j 10:02	21°♂17'23		asc. node		-631 Nov 03 j 04:50	27°♍35'40		
	-633 May 26 j 12:15	0°Ⅱ		greatest brilliancy		-631 Nov 06 j 04:02	28°♍50'59	-4.7m	
evening rise	-633 Jun 19 j 07:01	29°Ⅱ14'37				-631 Nov 08 j 11:33	0°♂		
	-633 Jun 19 j 21:46	0°☾		morning max el		-631 Dec 13 j 15:26	29°♂09'11	46°55'04	
	-633 Jul 14 j 06:18	0°♂				-631 Dec 14 j 11:19	0°ℓ		
	-633 Aug 07 j 14:53	0°♍				-630 Jan 11 j 00:07	0°↗		
	-633 Sep 01 j 01:06	0°♂				-630 Feb 05 j 21:17	0°☾		
desc. node	-633 Sep 08 j 00:11	8°♂31'26		desc. node		-630 Feb 22 j 19:21	20°☾01'32		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-630 Mar 03 j 04:07	0°♊		greatest brilliancy	-628 Nov 14 j 02:28	24°♊39'00	-4.7m
	-630 Mar 28 j 04:29	0°♋		retrograde	-628 Nov 26 j 07:09	27°♊25'59	
	-630 Apr 22 j 01:08	0°♌		asc. node	-628 Nov 30 j 16:37	27°♊01'55	
	-630 May 16 j 18:39	0°♍		evening set	-628 Dec 10 j 21:44	23°♊08'13	
	-630 Jun 10 j 08:31	0°♎		min. Earth dist.	-628 Dec 16 j 00:47	20°♊05'57	0.26658 AU
morning set	-630 Jun 14 j 04:38	4°♎42'13		inferior conj	-628 Dec 16 j 21:26	19°♊34'00	4°01'11
asc. node	-630 Jun 15 j 21:48	6°♎48'27		minimum elong	-628 Dec 16 j 13:19	19°♊46'34	3°58'51
	-630 Jul 04 j 18:03	0°♏		morning rise	-628 Dec 22 j 05:36	16°♊23'15	
max. Earth dist.	-630 Jul 16 j 17:17	14°♏47'49	1.72848 AU	direct	-627 Jan 06 j 06:28	11°♊55'04	
				greatest brilliancy	-627 Jan 17 j 00:58	14°♊05'42	-4.6m
superior conj	-630 Jul 20 j 11:42	19°♏27'56	1°09'44		-627 Feb 10 j 05:58	0°♋	
minimum elong	-630 Jul 20 j 03:27	19°♏02'20	1°09'31	morning max el	-627 Feb 24 j 23:12	13°♋35'28	46°22'57
	-630 Jul 28 j 23:22	0°♌			-627 Mar 12 j 23:39	0°♋	
	-630 Aug 22 j 01:35	0°♍		desc. node	-627 Mar 22 j 07:09	10°♋01'48	
evening rise	-630 Aug 26 j 03:11	5°♍04'27			-627 Apr 09 j 05:50	0°♋	
	-630 Sep 15 j 02:28	0°♎			-627 May 05 j 07:50	0°♌	
desc. node	-630 Oct 05 j 12:11	25°♎27'32			-627 May 30 j 19:05	0°♍	
	-630 Oct 09 j 03:39	0°♏			-627 Jun 24 j 19:46	0°♎	
	-630 Nov 02 j 06:22	0°♐		asc. node	-627 Jul 13 j 09:41	22°♎34'44	
	-630 Nov 26 j 12:18	0°♑			-627 Jul 19 j 11:08	0°♏	
	-630 Dec 21 j 01:05	0°♒			-627 Aug 12 j 18:15	0°♐	
	-629 Jan 15 j 04:27	0°♋		morning set	-627 Aug 21 j 18:25	11°♐12'42	
asc. node	-629 Jan 26 j 14:25	13°♋12'30			-627 Sep 05 j 19:08	0°♑	
	-629 Feb 10 j 15:29	0°♌		max. Earth dist.	-627 Sep 26 j 20:30	26°♑26'16	1.71306 AU
evening max el	-629 Mar 01 j 16:08	19°♌45'12	45°45'44				
	-629 Mar 12 j 16:21	0°♍		superior conj	-627 Sep 28 j 20:53	28°♑58'24	1°09'16
greatest brilliancy	-629 Apr 04 j 20:29	16°♍24'15	-4.5m	minimum elong	-627 Sep 29 j 06:49	29°♑29'37	1°08'59
retrograde	-629 Apr 19 j 14:50	20°♍12'04			-627 Sep 29 j 16:29	0°♎	
evening set	-629 May 04 j 21:45	15°♍39'56			-627 Oct 23 j 12:48	0°♏	
inferior conj	-629 May 11 j 01:05	11°♍57'44	1°39'20	desc. node	-627 Nov 02 j 00:00	11°♏54'16	
minimum elong	-629 May 11 j 04:39	11°♍52'09	1°38'19	evening rise	-627 Nov 08 j 17:21	20°♏21'09	
min. Earth dist.	-629 May 11 j 07:37	11°♍47'30	0.29030 AU		-627 Nov 16 j 09:43	0°♐	
morning rise	-629 May 17 j 11:36	8°♍05'46			-627 Dec 10 j 08:17	0°♑	
desc. node	-629 May 18 j 04:35	7°♍42'52			-626 Jan 03 j 09:56	0°♒	
direct	-629 Jun 01 j 18:14	3°♍37'35			-626 Jan 27 j 17:15	0°♋	
greatest brilliancy	-629 Jun 15 j 12:50	6°♍56'30	-4.5m		-626 Feb 21 j 10:28	0°♌	
	-629 Jul 16 j 21:17	0°♎		asc. node	-626 Feb 23 j 02:26	1°♌59'47	
morning max el	-629 Jul 20 j 18:24	3°♎40'21	45°55'34		-626 Mar 18 j 20:06	0°♍	
	-629 Aug 15 j 03:45	0°♏			-626 Apr 14 j 10:30	0°♎	
asc. node	-629 Sep 08 j 07:24	27°♏27'07		evening max el	-626 May 11 j 05:52	27°♎37'29	45°16'52
	-629 Sep 10 j 11:31	0°♐			-626 May 13 j 18:13	0°♏	
	-629 Oct 05 j 11:58	0°♑		desc. node	-626 Jun 14 j 16:32	23°♏40'29	
	-629 Oct 29 j 20:17	0°♒		greatest brilliancy	-626 Jun 16 j 01:21	24°♏16'29	-4.5m
	-629 Nov 22 j 21:16	0°♓		retrograde	-626 Jun 28 j 17:27	27°♏05'50	
	-629 Dec 16 j 20:15	0°♊		evening set	-626 Jul 15 j 02:36	22°♏04'27	
desc. node	-629 Dec 28 j 21:34	15°♊05'04		inferior conj	-626 Jul 20 j 01:55	19°♏05'55	-7°-8'-27
	-628 Jan 09 j 19:56	0°♋		minimum elong	-626 Jul 19 j 16:17	19°♏20'47	7°06'49
morning set	-628 Jan 22 j 22:51	16°♋22'24		min. Earth dist.	-626 Jul 20 j 08:50	18°♏55'14	0.28506 AU
	-628 Feb 02 j 21:26	0°♌		morning rise	-626 Jul 24 j 05:35	16°♏34'28	
	-628 Feb 27 j 01:14	0°♍		direct	-626 Aug 10 j 13:05	10°♏55'24	
				greatest brilliancy	-626 Aug 25 j 00:48	14°♏36'37	-4.6m
superior conj	-628 Mar 02 j 21:16	5°♋59'15	-1°-22'-48		-626 Sep 15 j 22:45	0°♐	
minimum elong	-628 Mar 03 j 01:55	6°♋13'37	1°22'46	morning max el	-626 Sep 29 j 15:27	12°♐54'45	46°35'23
max. Earth dist.	-628 Mar 06 j 05:45	10°♋08'15	1.72784 AU	asc. node	-626 Oct 05 j 19:08	19°♐13'15	
	-628 Mar 22 j 07:46	0°♌			-626 Oct 15 j 20:14	0°♑	
evening rise	-628 Apr 10 j 00:09	22°♌59'21			-626 Nov 11 j 00:56	0°♒	
	-628 Apr 15 j 17:14	0°♍			-626 Dec 06 j 00:19	0°♓	
asc. node	-628 Apr 20 j 00:12	5°♍15'33			-626 Dec 30 j 12:44	0°♊	
	-628 May 10 j 05:41	0°♎			-625 Jan 23 j 21:44	0°♋	
	-628 Jun 03 j 21:13	0°♏		desc. node	-625 Jan 25 j 09:32	1°♋50'13	
	-628 Jun 28 j 16:49	0°♐			-625 Feb 17 j 06:22	0°♌	
	-628 Jul 23 j 18:53	0°♑			-625 Mar 13 j 15:41	0°♍	
desc. node	-628 Aug 09 j 14:15	19°♑49'07		morning set	-625 Apr 05 j 10:59	28°♋00'31	
	-628 Aug 18 j 08:04	0°♒			-625 Apr 07 j 01:55	0°♌	
	-628 Sep 13 j 18:28	0°♓			-625 May 01 j 12:40	0°♍	
evening max el	-628 Oct 06 j 12:38	24°♓09'04	47°20'13	max. Earth dist.	-625 May 11 j 08:56	12°♍04'57	1.73675 AU
	-628 Oct 12 j 11:03	0°♊					

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 56

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-625 May 12 j 04:16	13° U 04'17	0°-14'-53	min. Earth dist.	-623 Oct 01 j 10:38	0° U 23'32	0.26944 AU
minimum elong	-625 May 12 j 07:16	13° U 13'29	0°14'45		-623 Oct 02 j 02:12	30° R U	
behind sun begin	-625 May 11 j 23:07	12° U 48'28		morning rise	-623 Oct 05 j 13:41	27° U 57'48	
behind sun end	-625 May 12 j 15:25	13° U 38'30		direct	-623 Oct 21 j 09:22	23° U 04'45	
asc. node	-625 May 18 j 12:03	20° U 50'01		asc. node	-623 Nov 02 j 06:49	25° U 44'47	
	-625 May 25 j 23:12	0° II		greatest brilliancy	-623 Nov 03 j 17:52	26° U 23'54	-4.7m
evening rise	-625 Jun 17 j 02:13	27° II 12'08			-623 Nov 10 j 06:41	0° U	
	-625 Jun 19 j 08:47	0° U		morning max el	-623 Dec 11 j 05:44	26° U 44'32	46°55'13
	-625 Jul 13 j 17:32	0° U			-623 Dec 14 j 09:37	0° U	
	-625 Aug 07 j 02:27	0° U			-622 Jan 10 j 16:34	0° U	
	-625 Aug 31 j 13:10	0° U			-622 Feb 05 j 11:25	0° U	
desc. node	-625 Sep 07 j 02:16	8° U 00'27		desc. node	-622 Feb 21 j 21:22	19° U 28'05	
	-625 Sep 25 j 03:30	0° U			-622 Mar 02 j 17:00	0° U	
	-625 Oct 20 j 00:15	0° U			-622 Mar 27 j 16:34	0° U	
	-625 Nov 14 j 10:27	0° U			-622 Apr 21 j 12:41	0° U	
	-625 Dec 11 j 06:56	0° U			-622 May 16 j 05:50	0° U	
evening max el	-625 Dec 18 j 02:06	7° U 04'57	47°03'31		-622 Jun 09 j 19:30	0° II	
asc. node	-625 Dec 29 j 04:42	17° U 56'24		morning set	-622 Jun 11 j 23:10	2° II 38'19	
	-624 Jan 12 j 13:40	0° U		asc. node	-622 Jun 14 j 23:58	6° II 21'30	
greatest brilliancy	-624 Jan 23 j 17:43	6° U 54'21	-4.6m		-622 Jul 04 j 04:59	0° U	
retrograde	-624 Feb 06 j 21:24	10° U 35'52		max. Earth dist.	-622 Jul 14 j 10:51	12° U 39'42	1.72900 AU
evening set	-624 Feb 24 j 19:11	4° U 22'25					
min. Earth dist.	-624 Feb 27 j 16:45	2° U 33'17	0.28505 AU	superior conj	-622 Jul 18 j 05:40	17° U 20'53	1°07'53
inferior conj	-624 Feb 28 j 02:26	2° U 17'55	8°25'43	minimum elong	-622 Jul 17 j 21:15	16° U 54'47	1°07'40
minimum elong	-624 Feb 28 j 05:42	2° U 12'44	8°25'34		-622 Jul 28 j 10:22	0° U	
morning rise	-624 Mar 02 j 16:24	0° U 03'26			-622 Aug 21 j 12:44	0° U	
	-624 Mar 02 j 18:40	30° R U		evening rise	-622 Aug 23 j 18:42	2° U 48'16	
direct	-624 Mar 20 j 05:23	24° U 07'44			-622 Sep 14 j 13:49	0° U	
greatest brilliancy	-624 Mar 31 j 17:45	26° U 30'51	-4.5m	desc. node	-622 Oct 04 j 14:09	24° U 57'39	
	-624 Apr 07 j 22:01	0° U			-622 Oct 08 j 15:14	0° U	
desc. node	-624 Apr 18 j 18:47	7° U 19'20			-622 Nov 01 j 18:16	0° U	
morning max el	-624 May 08 j 02:36	24° U 07'39	45°48'40		-622 Nov 26 j 00:38	0° U	
	-624 May 14 j 03:13	0° U			-622 Dec 20 j 14:05	0° U	
	-624 Jun 11 j 13:33	0° U			-621 Jan 14 j 18:43	0° U	
	-624 Jul 08 j 00:22	0° II		asc. node	-621 Jan 25 j 16:30	12° U 35'02	
	-624 Aug 02 j 10:08	0° U			-621 Feb 10 j 08:45	0° U	
asc. node	-624 Aug 09 j 21:38	9° U 00'21		evening max el	-621 Feb 27 j 08:11	17° U 33'08	45°47'58
	-624 Aug 27 j 02:57	0° U			-621 Mar 12 j 21:01	0° U	
	-624 Sep 20 j 08:10	0° U		greatest brilliancy	-621 Apr 02 j 14:06	14° U 16'55	-4.5m
	-624 Oct 14 j 06:38	0° U		retrograde	-621 Apr 17 j 07:11	18° U 03'31	
morning set	-624 Nov 03 j 00:45	24° U 52'34		evening set	-621 May 02 j 15:57	13° U 29'30	
	-624 Nov 07 j 02:20	0° U		inferior conj	-621 May 08 j 17:42	9° U 49'07	1°58'18
desc. node	-624 Nov 29 j 11:48	28° U 12'28		minimum elong	-621 May 08 j 21:54	9° U 42'30	1°57'08
	-624 Nov 30 j 21:59	0° U		min. Earth dist.	-621 May 09 j 00:19	9° U 38'42	0.29030 AU
				morning rise	-621 May 15 j 03:54	5° U 57'05	
superior conj	-624 Dec 14 j 18:57	17° U 26'39	0°-35'-11	desc. node	-621 May 17 j 06:37	4° U 51'00	
minimum elong	-624 Dec 14 j 10:04	16° U 58'45	0°34'49	direct	-621 May 30 j 10:52	1° U 29'06	
max. Earth dist.	-624 Dec 17 j 23:57	21° U 28'25	1.71234 AU	greatest brilliancy	-621 Jun 13 j 02:24	4° U 44'25	-4.5m
	-624 Dec 24 j 19:01	0° U			-621 Jul 16 j 20:46	0° II	
	-623 Jan 17 j 18:22	0° U		morning max el	-621 Jul 18 j 09:38	1° II 28'01	45°54'29
evening rise	-623 Jan 25 j 03:42	9° U 12'51			-621 Aug 14 j 19:50	0° U	
	-623 Feb 10 j 21:07	0° U		asc. node	-621 Sep 07 j 09:25	26° U 52'32	
	-623 Mar 07 j 04:45	0° U			-621 Sep 10 j 01:13	0° U	
asc. node	-623 Mar 22 j 14:23	18° U 50'01			-621 Oct 05 j 00:35	0° U	
	-623 Mar 31 j 19:02	0° U			-621 Oct 29 j 08:21	0° U	
	-623 Apr 25 j 18:06	0° II			-621 Nov 22 j 09:00	0° U	
	-623 May 21 j 05:27	0° U			-621 Dec 16 j 07:44	0° U	
	-623 Jun 16 j 12:55	0° U		desc. node	-621 Dec 27 j 23:46	14° U 36'21	
desc. node	-623 Jul 12 j 04:27	27° U 32'41			-620 Jan 09 j 07:15	0° U	
	-623 Jul 14 j 14:18	0° U		morning set	-620 Jan 20 j 09:37	13° U 51'23	
evening max el	-623 Jul 22 j 13:48	7° U 53'23	46°07'51		-620 Feb 02 j 08:35	0° U	
	-623 Aug 18 j 00:30	0° U			-620 Feb 26 j 12:16	0° U	
greatest brilliancy	-623 Aug 30 j 13:57	6° U 32'56	-4.6m				
retrograde	-623 Sep 10 j 00:14	8° U 31'26		superior conj	-620 Feb 29 j 11:28	3° U 40'27	-1°-23'-33
evening set	-623 Sep 26 j 16:32	3° U 13'44		minimum elong	-620 Feb 29 j 15:21	3° U 52'30	1°23'32
inferior conj	-623 Sep 30 j 16:55	0° U 50'24	-7°-11'-23	max. Earth dist.	-620 Mar 04 j 00:00	8° U 02'07	1.72730 AU
minimum elong	-623 Oct 01 j 03:16	0° U 34'41	7°09'27		-620 Mar 21 j 18:44	0° U	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 57

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening rise	-620 Apr 07 j 16:47	20° Υ 49'13			-618 Nov 10 j 15:18	0° Ω	
	-620 Apr 15 j 04:15	0° \mathcal{B}			-618 Dec 05 j 13:21	0° \mathcal{M}	
asc. node	-620 Apr 19 j 02:15	4° \mathcal{B} 48'07			-618 Dec 30 j 01:00	0° \mathcal{J}	
	-620 May 09 j 16:50	0° Π			-617 Jan 23 j 09:29	0° \mathcal{Z}	
	-620 Jun 03 j 08:42	0° \mathcal{S}		desc. node	-617 Jan 24 j 11:34	1° \mathcal{Z} 20'20	
	-620 Jun 28 j 04:51	0° Ω			-617 Feb 16 j 17:44	0° \approx	
	-620 Jul 23 j 07:50	0° \mathcal{M}			-617 Mar 13 j 02:45	0° \mathcal{H}	
desc. node	-620 Aug 08 j 16:17	19° \mathcal{M} 14'21		morning set	-617 Apr 03 j 03:39	25° \mathcal{H} 50'59	
	-620 Aug 17 j 22:38	0° Ω			-617 Apr 06 j 12:45	0° Υ	
	-620 Sep 13 j 12:13	0° \mathcal{M}			-617 Apr 30 j 23:23	0° \mathcal{B}	
evening max el	-620 Oct 04 j 01:51	21° \mathcal{M} 42'37	47°18'41				
	-620 Oct 12 j 13:58	0° \mathcal{J}		superior conj	-617 May 09 j 22:23	10° \mathcal{B} 59'49	0°-17'-58
greatest brilliancy	-620 Nov 11 j 18:46	22° \mathcal{J} 13'27	-4.7m	minimum elong	-617 May 10 j 02:00	11° \mathcal{B} 10'54	0°17'49
retrograde	-620 Nov 23 j 19:32	24° \mathcal{J} 56'26		max. Earth dist.	-617 May 09 j 07:18	10° \mathcal{B} 13'30	1.73674 AU
asc. node	-620 Nov 29 j 18:50	24° \mathcal{J} 12'07		asc. node	-617 May 17 j 14:12	20° \mathcal{B} 23'55	
evening set	-620 Dec 08 j 08:52	20° \mathcal{J} 41'44			-617 May 25 j 09:52	0° Π	
min. Earth dist.	-620 Dec 13 j 14:58	17° \mathcal{J} 35'30	0.26609 AU	evening rise	-617 Jun 14 j 21:26	25° Π 10'34	
inferior conj	-620 Dec 14 j 10:05	17° \mathcal{J} 05'56	3°39'48		-617 Jun 18 j 19:34	0° \mathcal{S}	
minimum elong	-620 Dec 14 j 02:31	17° \mathcal{J} 17'38	3°37'35		-617 Jul 13 j 04:32	0° Ω	
morning rise	-620 Dec 19 j 20:46	13° \mathcal{J} 51'36			-617 Aug 06 j 13:47	0° \mathcal{M}	
direct	-619 Jan 03 j 18:09	9° \mathcal{J} 27'40			-617 Aug 31 j 00:59	0° Ω	
greatest brilliancy	-619 Jan 14 j 15:25	11° \mathcal{J} 40'29	-4.6m	desc. node	-617 Sep 06 j 04:17	7° Ω 30'05	
	-619 Feb 10 j 13:25	0° \mathcal{Z}			-617 Sep 24 j 15:58	0° \mathcal{M}	
morning max el	-619 Feb 22 j 11:23	11° \mathcal{Z} 10'03	46°24'30		-617 Oct 19 j 13:44	0° \mathcal{J}	
	-619 Mar 12 j 17:58	0° \approx			-617 Nov 14 j 01:47	0° \mathcal{Z}	
desc. node	-619 Mar 21 j 09:12	9° \approx 21'32			-617 Dec 11 j 02:47	0° \approx	
	-619 Apr 08 j 20:26	0° \mathcal{H}		evening max el	-617 Dec 15 j 17:47	4° \approx 47'23	47°05'37
	-619 May 04 j 20:42	0° Υ		asc. node	-617 Dec 28 j 06:43	16° \approx 58'03	
	-619 May 30 j 07:02	0° \mathcal{B}			-616 Jan 13 j 10:56	0° \mathcal{H}	
	-619 Jun 24 j 07:10	0° Π		greatest brilliancy	-616 Jan 21 j 09:44	4° \mathcal{H} 38'41	-4.6m
asc. node	-619 Jul 12 j 11:50	22° Π 07'15		retrograde	-616 Feb 04 j 13:56	8° \mathcal{H} 20'41	
	-619 Jul 18 j 22:13	0° \mathcal{S}		evening set	-616 Feb 22 j 11:32	2° \mathcal{H} 06'06	
	-619 Aug 12 j 05:12	0° Ω		inferior conj	-616 Feb 25 j 18:02	0° \mathcal{H} 02'52	8°29'19
morning set	-619 Aug 19 j 10:12	8° Ω 58'14		minimum elong	-616 Feb 25 j 20:33	29° \approx 58'52	8°29'14
	-619 Sep 05 j 06:03	0° \mathcal{M}		min. Earth dist.	-616 Feb 25 j 06:56	0° \mathcal{H} 20'27	0.28458 AU
max. Earth dist.	-619 Sep 24 j 06:45	23° \mathcal{M} 53'07	1.71351 AU		-616 Feb 25 j 19:50	30° \mathcal{R} \approx	
				morning rise	-616 Feb 29 j 05:48	27° \approx 52'00	
superior conj	-619 Sep 26 j 10:05	26° \mathcal{M} 34'26	1°11'17	direct	-616 Mar 17 j 20:30	21° \approx 53'31	
minimum elong	-619 Sep 26 j 19:37	27° \mathcal{M} 04'25	1°11'03	greatest brilliancy	-616 Mar 29 j 06:38	24° \approx 15'05	-4.5m
	-619 Sep 29 j 03:29	0° Ω			-616 Apr 09 j 04:39	0° \mathcal{H}	
	-619 Oct 22 j 23:55	0° \mathcal{M}		desc. node	-616 Apr 17 j 20:53	6° \mathcal{H} 13'49	
desc. node	-619 Nov 01 j 02:07	11° \mathcal{M} 25'53		morning max el	-616 May 05 j 19:04	21° \mathcal{H} 58'33	45°49'17
evening rise	-619 Nov 06 j 03:14	17° \mathcal{M} 46'19			-616 May 13 j 23:18	0° Υ	
	-619 Nov 15 j 20:57	0° \mathcal{J}			-616 Jun 11 j 04:27	0° \mathcal{B}	
	-619 Dec 09 j 19:38	0° \mathcal{Z}			-616 Jul 07 j 13:14	0° Π	
	-618 Jan 02 j 21:25	0° \approx			-616 Aug 01 j 22:00	0° \mathcal{S}	
	-618 Jan 27 j 05:01	0° \mathcal{H}		asc. node	-616 Aug 08 j 23:34	8° \mathcal{S} 30'48	
	-618 Feb 20 j 22:48	0° Υ			-616 Aug 26 j 14:20	0° Ω	
asc. node	-618 Feb 22 j 04:26	1° Υ 28'43			-616 Sep 19 j 19:19	0° \mathcal{M}	
	-618 Mar 18 j 09:36	0° \mathcal{B}			-616 Oct 13 j 17:39	0° Ω	
	-618 Apr 14 j 02:37	0° Π		morning set	-616 Oct 31 j 12:11	22° Ω 22'53	
evening max el	-618 May 08 j 20:40	25° Π 24'20	45°16'35		-616 Nov 06 j 13:17	0° \mathcal{M}	
	-618 May 13 j 18:33	0° \mathcal{S}		desc. node	-616 Nov 28 j 13:59	27° \mathcal{M} 45'05	
greatest brilliancy	-618 Jun 13 j 12:28	21° \mathcal{S} 59'53	-4.5m		-616 Nov 30 j 08:53	0° \mathcal{J}	
desc. node	-618 Jun 13 j 18:44	22° \mathcal{S} 06'30					
retrograde	-618 Jun 26 j 08:44	24° \mathcal{S} 53'47		superior conj	-616 Dec 12 j 04:26	14° \mathcal{J} 51'23	0°-31'-30
evening set	-618 Jul 12 j 14:28	19° \mathcal{S} 56'13		minimum elong	-616 Dec 11 j 20:19	14° \mathcal{J} 25'55	0°31'09
inferior conj	-618 Jul 17 j 17:11	16° \mathcal{S} 53'04	-6°-55'-59	max. Earth dist.	-616 Dec 15 j 10:13	18° \mathcal{J} 55'43	1.71202 AU
minimum elong	-618 Jul 17 j 07:20	17° \mathcal{S} 08'15	6°54'14		-616 Dec 24 j 05:54	0° \mathcal{Z}	
min. Earth dist.	-618 Jul 17 j 23:42	16° \mathcal{S} 43'03	0.28540 AU		-615 Jan 17 j 05:15	0° \approx	
morning rise	-618 Jul 21 j 23:48	14° \mathcal{S} 17'28		evening rise	-615 Jan 22 j 15:15	6° \approx 45'25	
direct	-618 Aug 08 j 04:38	8° \mathcal{S} 41'46			-615 Feb 10 j 08:02	0° \mathcal{H}	
greatest brilliancy	-618 Aug 22 j 17:50	12° \mathcal{S} 24'44	-4.6m		-615 Mar 06 j 15:48	0° Υ	
	-618 Sep 16 j 03:18	0° Ω		asc. node	-615 Mar 21 j 16:25	18° Υ 22'06	
morning max el	-618 Sep 27 j 06:42	10° Ω 37'41	46°34'06		-615 Mar 31 j 06:22	0° \mathcal{B}	
asc. node	-618 Oct 04 j 21:11	18° Ω 26'45			-615 Apr 25 j 06:00	0° Π	
	-618 Oct 15 j 13:40	0° \mathcal{M}			-615 May 20 j 18:28	0° \mathcal{S}	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-615 Jun 16 j 04:12	0°♌					-613 Nov 21 j 20:25	0°♍			
desc. node	-615 Jul 11 j 06:27	26°♌46'39					-613 Dec 15 j 18:59	0°♎			
	-615 Jul 14 j 11:13	0°♏				desc. node	-613 Dec 27 j 01:44	14°♎07'36			
evening max el	-615 Jul 20 j 04:01	5°♏35'35	46°05'05				-612 Jan 08 j 18:19	0°♏			
	-615 Aug 19 j 09:25	0°♐				morning set	-612 Jan 17 j 20:24	11°♏21'01			
greatest brilliancy	-615 Aug 28 j 01:53	4°♐08'23	-4.6m				-612 Feb 01 j 19:29	0°♑			
retrograde	-615 Sep 07 j 12:20	6°♐06'29					-612 Feb 25 j 23:01	0°♒			
evening set	-615 Sep 24 j 08:18	0°♐44'16									
	-615 Sep 25 j 14:34	30°♑				superior conj	-612 Feb 27 j 01:49	1°♒23'01	-1°-24'-10		
inferior conj	-615 Sep 28 j 05:30	28°♑25'09	-7°-24'-44			minimum elong	-612 Feb 27 j 04:55	1°♒32'35	1°24'10		
minimum elong	-615 Sep 28 j 15:33	28°♑09'53	7°22'59			max. Earth dist.	-612 Mar 01 j 16:56	5°♒52'45	1.72671 AU		
min. Earth dist.	-615 Sep 28 j 23:26	27°♑57'55	0.27000 AU				-612 Mar 21 j 05:25	0°♑			
morning rise	-615 Oct 02 j 22:30	25°♑37'32				evening rise	-612 Apr 05 j 09:32	18°♑40'21			
direct	-615 Oct 18 j 23:04	20°♑38'50					-612 Apr 14 j 14:59	0°♒			
asc. node	-615 Nov 01 j 08:59	23°♑59'28				asc. node	-612 Apr 18 j 04:26	4°♒21'53			
greatest brilliancy	-615 Nov 01 j 07:40	23°♑57'55	-4.7m				-612 May 09 j 03:46	0°♓			
	-615 Nov 11 j 11:46	0°♓					-612 Jun 02 j 19:58	0°♓			
morning max el	-615 Dec 08 j 19:12	24°♓18'54	46°55'30				-612 Jun 27 j 16:43	0°♑			
	-615 Dec 14 j 06:38	0°♒					-612 Jul 22 j 20:41	0°♑			
	-614 Jan 10 j 08:19	0°♒				desc. node	-612 Aug 07 j 18:19	18°♑39'58			
	-614 Feb 05 j 00:59	0°♓					-612 Aug 17 j 13:10	0°♓			
desc. node	-614 Feb 20 j 23:24	18°♓56'12					-612 Sep 13 j 06:10	0°♒			
	-614 Mar 02 j 05:22	0°♑				evening max el	-612 Oct 01 j 14:26	19°♒15'23	47°17'10		
	-614 Mar 27 j 04:13	0°♒					-612 Oct 12 j 18:15	0°♒			
	-614 Apr 20 j 23:51	0°♑				greatest brilliancy	-612 Nov 09 j 10:10	19°♒47'13	-4.7m		
	-614 May 15 j 16:40	0°♒				retrograde	-612 Nov 21 j 07:54	22°♒27'29			
	-614 Jun 09 j 06:09	0°♓				asc. node	-612 Nov 28 j 20:54	21°♒16'51			
morning set	-614 Jun 09 j 17:37	0°♓35'09				evening set	-612 Dec 05 j 20:07	18°♒15'00			
asc. node	-614 Jun 14 j 02:03	5°♓55'16				min. Earth dist.	-612 Dec 11 j 05:05	15°♒05'15	0.26566 AU		
	-614 Jul 03 j 15:35	0°♓				inferior conj	-612 Dec 11 j 22:41	14°♒38'07	3°17'47		
max. Earth dist.	-614 Jul 12 j 03:46	10°♓30'48	1.72950 AU			minimum elong	-612 Dec 11 j 15:45	14°♒48'50	3°15'42		
						morning rise	-612 Dec 17 j 11:49	11°♒20'32			
superior conj	-614 Jul 15 j 23:39	15°♓15'06	1°05'57			direct	-611 Jan 01 j 05:48	7°♒00'09			
minimum elong	-614 Jul 15 j 15:06	14°♓48'38	1°05'42			greatest brilliancy	-611 Jan 12 j 06:33	9°♒16'13	-4.6m		
	-614 Jul 27 j 21:01	0°♑					-611 Feb 10 j 18:31	0°♓			
	-614 Aug 20 j 23:32	0°♑				morning max el	-611 Feb 20 j 00:22	8°♓46'43	46°26'14		
evening rise	-614 Aug 21 j 10:25	0°♑33'55					-611 Mar 12 j 11:42	0°♑			
	-614 Sep 14 j 00:51	0°♓				desc. node	-611 Mar 20 j 11:17	8°♑42'17			
desc. node	-614 Oct 03 j 16:16	24°♓29'12					-611 Apr 08 j 10:40	0°♒			
	-614 Oct 08 j 02:32	0°♒					-611 May 04 j 09:19	0°♑			
	-614 Nov 01 j 05:54	0°♒					-611 May 29 j 18:46	0°♒			
	-614 Nov 25 j 12:41	0°♓					-611 Jun 23 j 18:25	0°♓			
	-614 Dec 20 j 02:47	0°♑				asc. node	-611 Jul 11 j 13:47	21°♓39'31			
asc. node	-613 Jan 14 j 08:41	0°♒					-611 Jul 18 j 09:12	0°♓			
	-613 Jan 24 j 18:31	11°♒58'19					-611 Aug 11 j 16:04	0°♑			
	-613 Feb 10 j 01:53	0°♑				morning set	-611 Aug 17 j 02:05	6°♑44'18			
evening max el	-613 Feb 24 j 23:24	15°♑20'12	45°50'09				-611 Sep 04 j 16:55	0°♑			
	-613 Mar 13 j 03:07	0°♒				max. Earth dist.	-611 Sep 21 j 18:48	21°♑25'49	1.71394 AU		
greatest brilliancy	-613 Mar 31 j 07:17	12°♒10'12	-4.5m								
retrograde	-613 Apr 14 j 23:23	15°♒56'29				superior conj	-611 Sep 23 j 23:21	24°♑10'55	1°13'11		
evening set	-613 Apr 30 j 10:22	11°♒20'09				minimum elong	-611 Sep 24 j 08:26	24°♑39'29	1°12'58		
inferior conj	-613 May 06 j 10:29	7°♒41'54	2°17'07				-611 Sep 28 j 14:25	0°♓			
minimum elong	-613 May 06 j 15:18	7°♒34'19	2°15'46				-611 Oct 22 j 10:58	0°♒			
min. Earth dist.	-613 May 06 j 17:27	7°♒30'56	0.29033 AU			desc. node	-611 Oct 31 j 04:15	10°♒57'47			
morning rise	-613 May 12 j 20:13	3°♒50'01				evening rise	-611 Nov 03 j 13:13	15°♒12'05			
desc. node	-613 May 16 j 08:49	2°♒03'48					-611 Nov 15 j 08:07	0°♒			
	-613 May 22 j 10:33	30°♒					-611 Dec 09 j 06:56	0°♓			
direct	-613 May 28 j 03:14	29°♑21'52					-610 Jan 02 j 08:55	0°♑			
	-613 Jun 02 j 23:44	0°♒					-610 Jan 26 j 16:50	0°♒			
greatest brilliancy	-613 Jun 10 j 17:10	2°♒34'46	-4.5m				-610 Feb 20 j 11:12	0°♑			
morning max el	-613 Jul 16 j 00:38	29°♒15'58	45°53'30			asc. node	-610 Feb 21 j 06:32	0°♑57'51			
	-613 Jul 16 j 18:56	0°♓					-610 Mar 17 j 23:11	0°♒			
	-613 Aug 14 j 11:21	0°♓					-610 Apr 13 j 18:57	0°♓			
asc. node	-613 Sep 06 j 11:33	26°♓19'21				evening max el	-610 May 06 j 12:16	23°♓13'31	45°16'27		
	-613 Sep 09 j 14:29	0°♑					-610 May 13 j 20:03	0°♓			
	-613 Oct 04 j 12:50	0°♑				greatest brilliancy	-610 Jun 10 j 23:38	19°♓43'55	-4.5m		
	-613 Oct 28 j 20:04	0°♓				desc. node	-610 Jun 12 j 20:40	20°♓29'18			

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-610 Jun 24 j 00:21	22° $\overline{54}$ 2'09		superior conj	-608 Dec 09 j 13:30	12° $\overline{27}$ 13'39	0°-27'-42
evening set	-610 Jul 10 j 02:37	17° $\overline{54}$ 8'19		minimum elong	-608 Dec 09 j 06:16	11° $\overline{27}$ 50'53	0°27'23
inferior conj	-610 Jul 15 j 08:33	14° $\overline{54}$ 40'31	-6°-42'-58	max. Earth dist.	-608 Dec 12 j 19:23	16° $\overline{27}$ 18'20	1.71170 AU
minimum elong	-610 Jul 14 j 22:33	14° $\overline{55}$ 5'54	6°41'05		-608 Dec 23 j 17:09	0° $\overline{27}$	
min. Earth dist.	-610 Jul 15 j 14:19	14° $\overline{53}$ 1'38	0.28576 AU		-607 Jan 16 j 16:30	0° \approx	
morning rise	-610 Jul 19 j 18:10	12° $\overline{50}$ 0'45		evening rise	-607 Jan 20 j 02:13	4° \approx 14'57	
direct	-610 Aug 05 j 20:54	6° $\overline{52}$ 8'37			-607 Feb 09 j 19:19	0° $\overline{27}$	
greatest brilliancy	-610 Aug 20 j 10:33	10° $\overline{52}$ 12'38	-4.6m		-607 Mar 06 j 03:13	0° $\overline{27}$	
	-610 Sep 16 j 06:16	0° $\overline{27}$		asc. node	-607 Mar 20 j 18:36	17° $\overline{27}$ 53'27	
morning max el	-610 Sep 24 j 22:35	8° $\overline{27}$ 22'05	46°32'38		-607 Mar 30 j 18:06	0° $\overline{27}$	
asc. node	-610 Oct 03 j 23:20	17° $\overline{27}$ 40'52			-607 Apr 24 j 18:22	0° $\overline{27}$	
	-610 Oct 15 j 06:53	0° $\overline{27}$			-607 May 20 j 08:01	0° $\overline{27}$	
	-610 Nov 10 j 05:41	0° $\overline{27}$			-607 Jun 15 j 20:06	0° $\overline{27}$	
	-610 Dec 05 j 02:25	0° $\overline{27}$		desc. node	-607 Jul 10 j 08:33	25° $\overline{27}$ 59'14	
	-610 Dec 29 j 13:19	0° $\overline{27}$			-607 Jul 14 j 09:15	0° $\overline{27}$	
	-609 Jan 22 j 21:18	0° $\overline{27}$		evening max el	-607 Jul 17 j 17:27	3° $\overline{27}$ 15'07	46°02'24
desc. node	-609 Jan 23 j 13:35	0° $\overline{27}$ 50'14			-607 Aug 21 j 10:46	0° $\overline{27}$	
	-609 Feb 16 j 05:11	0° \approx		greatest brilliancy	-607 Aug 25 j 14:31	1° $\overline{27}$ 44'19	-4.6m
	-609 Mar 12 j 13:56	0° $\overline{27}$		retrograde	-607 Sep 05 j 00:07	3° $\overline{27}$ 41'30	
morning set	-609 Mar 31 j 20:12	23° $\overline{27}$ 40'35			-607 Sep 18 j 19:15	30° $\overline{27}$	
	-609 Apr 05 j 23:44	0° $\overline{27}$		evening set	-607 Sep 22 j 00:10	28° $\overline{27}$ 14'51	
	-609 Apr 30 j 10:14	0° $\overline{27}$		inferior conj	-607 Sep 25 j 18:19	25° $\overline{27}$ 59'55	-7°-37'-5
				minimum elong	-607 Sep 26 j 03:59	25° $\overline{27}$ 45'12	7°35'30
superior conj	-609 May 07 j 16:32	8° $\overline{27}$ 54'56	0°-21'-3	min. Earth dist.	-607 Sep 26 j 12:39	25° $\overline{27}$ 32'00	0.27059 AU
minimum elong	-609 May 07 j 20:44	9° $\overline{27}$ 07'51	0°20'51	morning rise	-607 Sep 30 j 07:29	23° $\overline{27}$ 17'18	
max. Earth dist.	-609 May 07 j 06:39	8° $\overline{27}$ 24'38	1.73666 AU	direct	-607 Oct 16 j 12:27	18° $\overline{27}$ 12'44	
asc. node	-609 May 16 j 16:16	19° $\overline{27}$ 57'07		greatest brilliancy	-607 Oct 29 j 22:20	21° $\overline{27}$ 32'29	-4.7m
	-609 May 24 j 20:41	0° $\overline{27}$		asc. node	-607 Oct 31 j 11:04	22° $\overline{27}$ 17'26	
evening rise	-609 Jun 12 j 16:49	23° $\overline{27}$ 09'10			-607 Nov 12 j 09:19	0° $\overline{27}$	
	-609 Jun 18 j 06:28	0° $\overline{27}$		morning max el	-607 Dec 06 j 07:47	21° $\overline{27}$ 49'38	46°55'31
	-609 Jul 12 j 15:39	0° $\overline{27}$			-607 Dec 14 j 03:26	0° $\overline{27}$	
	-609 Aug 06 j 01:19	0° $\overline{27}$			-606 Jan 10 j 00:18	0° $\overline{27}$	
	-609 Aug 30 j 13:02	0° $\overline{27}$			-606 Feb 04 j 14:55	0° $\overline{27}$	
desc. node	-609 Sep 05 j 06:25	6° $\overline{27}$ 59'22		desc. node	-606 Feb 20 j 01:35	18° $\overline{27}$ 23'27	
	-609 Sep 24 j 04:45	0° $\overline{27}$			-606 Mar 01 j 18:10	0° \approx	
	-609 Oct 19 j 03:36	0° $\overline{27}$			-606 Mar 26 j 16:16	0° $\overline{27}$	
	-609 Nov 13 j 17:39	0° $\overline{27}$			-606 Apr 20 j 11:23	0° $\overline{27}$	
	-609 Dec 10 j 23:36	0° \approx			-606 May 15 j 03:54	0° $\overline{27}$	
evening max el	-609 Dec 13 j 09:57	2° \approx 30'07	47°07'44	morning set	-606 Jun 07 j 11:58	28° $\overline{27}$ 30'26	
asc. node	-609 Dec 27 j 08:43	15° \approx 57'31			-606 Jun 08 j 17:12	0° $\overline{27}$	
	-608 Jan 14 j 16:59	0° $\overline{27}$		asc. node	-606 Jun 13 j 04:02	5° $\overline{27}$ 27'31	
greatest brilliancy	-608 Jan 19 j 02:32	2° $\overline{27}$ 23'07	-4.6m		-606 Jul 03 j 02:36	0° $\overline{27}$	
retrograde	-608 Feb 02 j 06:21	6° $\overline{27}$ 04'10		max. Earth dist.	-606 Jul 09 j 21:16	8° $\overline{27}$ 22'26	1.72998 AU
	-608 Feb 19 j 20:25	30° $\overline{27}$					
evening set	-608 Feb 20 j 03:32	29° \approx 49'06		superior conj	-606 Jul 13 j 17:49	13° $\overline{27}$ 08'40	1°03'56
inferior conj	-608 Feb 23 j 09:31	27° \approx 46'36	8°32'09	minimum elong	-606 Jul 13 j 09:09	12° $\overline{27}$ 41'54	1°03'39
minimum elong	-608 Feb 23 j 11:18	27° \approx 43'46	8°32'05		-606 Jul 27 j 08:05	0° $\overline{27}$	
min. Earth dist.	-608 Feb 22 j 20:56	28° \approx 06'34	0.28407 AU	evening rise	-606 Aug 19 j 02:33	28° $\overline{27}$ 19'50	
morning rise	-608 Feb 26 j 19:20	25° \approx 38'50			-606 Aug 20 j 10:42	0° $\overline{27}$	
direct	-608 Mar 15 j 11:55	19° \approx 38'17			-606 Sep 13 j 12:12	0° $\overline{27}$	
greatest brilliancy	-608 Mar 26 j 18:42	21° \approx 57'17	-4.5m	desc. node	-606 Oct 02 j 18:24	23° $\overline{27}$ 59'48	
	-608 Apr 10 j 03:16	0° $\overline{27}$			-606 Oct 07 j 14:09	0° $\overline{27}$	
desc. node	-608 Apr 16 j 23:02	5° $\overline{27}$ 09'13			-606 Oct 31 j 17:53	0° $\overline{27}$	
morning max el	-608 May 03 j 11:07	19° $\overline{27}$ 47'35	45°49'56		-606 Nov 25 j 01:09	0° $\overline{27}$	
	-608 May 13 j 19:05	0° $\overline{27}$			-606 Dec 19 j 15:58	0° \approx	
	-608 Jun 10 j 19:26	0° $\overline{27}$			-605 Jan 13 j 23:18	0° $\overline{27}$	
	-608 Jul 07 j 02:16	0° $\overline{27}$		asc. node	-605 Jan 23 j 20:39	11° $\overline{27}$ 20'09	
	-608 Aug 01 j 10:05	0° $\overline{27}$			-605 Feb 09 j 20:00	0° $\overline{27}$	
asc. node	-608 Aug 08 j 01:45	8° $\overline{27}$ 01'24		evening max el	-605 Feb 22 j 13:38	13° $\overline{27}$ 03'04	45°52'31
	-608 Aug 26 j 01:55	0° $\overline{27}$			-605 Mar 13 j 12:35	0° $\overline{27}$	
	-608 Sep 19 j 06:42	0° $\overline{27}$		greatest brilliancy	-605 Mar 28 j 23:33	10° $\overline{27}$ 00'25	-4.5m
	-608 Oct 13 j 04:57	0° $\overline{27}$		retrograde	-605 Apr 12 j 15:35	13° $\overline{27}$ 47'42	
morning set	-608 Oct 28 j 23:31	19° $\overline{27}$ 51'51		evening set	-605 Apr 28 j 04:44	9° $\overline{27}$ 08'32	
	-608 Nov 06 j 00:34	0° $\overline{27}$		inferior conj	-605 May 04 j 03:07	5° $\overline{27}$ 32'49	2°35'48
desc. node	-608 Nov 27 j 15:59	27° $\overline{27}$ 15'55		minimum elong	-605 May 04 j 08:31	5° $\overline{27}$ 24'17	2°34'18
	-608 Nov 29 j 20:09	0° $\overline{27}$		min. Earth dist.	-605 May 04 j 10:28	5° $\overline{27}$ 21'13	0.29037 AU
				morning rise	-605 May 10 j 12:13	1° $\overline{27}$ 41'25	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-605 May 13 j 20:15	30° Υ				-603 Nov 14 j 19:27	0° \mathcal{Z}	
desc. node	-605 May 15 j 10:47	29° Υ 18'36				-603 Dec 08 j 18:21	0° \mathcal{Z}	
direct	-605 May 25 j 19:05	27° Υ 12'34				-602 Jan 01 j 20:29	0° \approx	
	-605 Jun 07 j 10:00	0° \mathcal{B}				-602 Jan 26 j 04:43	0° \mathcal{H}	
greatest brilliancy	-605 Jun 08 j 08:46	0° \mathcal{B} 24'31	-4.5m			-602 Feb 19 j 23:43	0° Υ	
morning max el	-605 Jul 13 j 15:48	27° \mathcal{B} 02'59	45°52'40	asc. node		-602 Feb 20 j 08:39	0° Υ 26'41	
	-605 Jul 16 j 16:49	0° Π				-602 Mar 17 j 12:59	0° \mathcal{B}	
	-605 Aug 14 j 03:05	0° \mathcal{E}				-602 Apr 13 j 11:46	0° Π	
asc. node	-605 Sep 05 j 13:38	25° \mathcal{E} 45'07		evening max el		-602 May 04 j 04:37	21° Π 03'54	45°16'17
	-605 Sep 09 j 04:02	0° \mathcal{Q}				-602 May 13 j 23:17	0° \mathcal{E}	
	-605 Oct 04 j 01:22	0° \mathcal{H}		greatest brilliancy		-602 Jun 08 j 12:10	17° \mathcal{E} 29'03	-4.5m
	-605 Oct 28 j 08:03	0° \mathcal{A}		desc. node		-602 Jun 11 j 22:47	18° \mathcal{E} 48'12	
	-605 Nov 21 j 08:06	0° \mathcal{M}		retrograde		-602 Jun 21 j 15:59	20° \mathcal{E} 29'53	
	-605 Dec 15 j 06:29	0° \mathcal{Z}		evening set		-602 Jul 07 j 14:57	15° \mathcal{E} 40'03	
desc. node	-605 Dec 26 j 03:48	13° \mathcal{Z} 38'23		inferior conj		-602 Jul 12 j 23:55	12° \mathcal{E} 27'34	-6°-29'-17
	-604 Jan 08 j 05:40	0° \mathcal{Z}		minimum elong		-602 Jul 12 j 13:51	12° \mathcal{E} 43'04	6°27'19
morning set	-604 Jan 15 j 06:56	8° \mathcal{Z} 48'47		min. Earth dist.		-602 Jul 13 j 04:54	12° \mathcal{E} 19'54	0.28608 AU
	-604 Feb 01 j 06:42	0° \approx		morning rise		-602 Jul 17 j 12:30	9° \mathcal{E} 43'32	
				direct		-602 Aug 03 j 13:19	4° \mathcal{E} 15'21	
superior conj	-604 Feb 24 j 15:44	29° \approx 02'55	-1°-24'-38	greatest brilliancy		-602 Aug 18 j 02:03	7° \mathcal{E} 58'46	-4.6m
minimum elong	-604 Feb 24 j 17:59	29° \approx 09'53	1°24'39			-602 Sep 16 j 07:55	0° \mathcal{Q}	
	-604 Feb 25 j 10:09	0° \mathcal{H}		morning max el		-602 Sep 22 j 14:07	6° \mathcal{Q} 05'34	46°31'05
max. Earth dist.	-604 Feb 28 j 06:57	3° \mathcal{H} 33'06	1.72616 AU	asc. node		-602 Oct 03 j 01:24	16° \mathcal{Q} 55'12	
	-604 Mar 20 j 16:30	0° Υ				-602 Oct 14 j 23:53	0° \mathcal{H}	
evening rise	-604 Apr 03 j 01:45	16° Υ 28'34				-602 Nov 09 j 19:59	0° \mathcal{A}	
	-604 Apr 14 j 02:07	0° \mathcal{B}				-602 Dec 04 j 15:28	0° \mathcal{M}	
asc. node	-604 Apr 17 j 06:25	3° \mathcal{B} 53'51				-602 Dec 29 j 01:36	0° \mathcal{Z}	
	-604 May 08 j 15:04	0° Π				-601 Jan 22 j 09:03	0° \mathcal{Z}	
	-604 Jun 02 j 07:39	0° \mathcal{E}		desc. node		-601 Jan 22 j 15:47	0° \mathcal{Z} 20'47	
	-604 Jun 27 j 05:01	0° \mathcal{Q}				-601 Feb 15 j 16:33	0° \approx	
	-604 Jul 22 j 10:01	0° \mathcal{H}				-601 Mar 12 j 01:01	0° \mathcal{H}	
desc. node	-604 Aug 06 j 20:28	18° \mathcal{H} 04'39		morning set		-601 Mar 29 j 13:00	21° \mathcal{H} 31'11	
	-604 Aug 17 j 04:16	0° \mathcal{A}				-601 Apr 05 j 10:38	0° Υ	
	-604 Sep 13 j 00:52	0° \mathcal{M}				-601 Apr 29 j 21:01	0° \mathcal{B}	
evening max el	-604 Sep 29 j 03:29	16° \mathcal{M} 48'46	47°15'48					
	-604 Oct 13 j 00:45	0° \mathcal{Z}		superior conj		-601 May 05 j 10:46	6° \mathcal{B} 50'26	0°-24'-4
greatest brilliancy	-604 Nov 07 j 00:41	17° \mathcal{Z} 19'42	-4.7m	minimum elong		-601 May 05 j 15:32	7° \mathcal{B} 05'06	0°23'51
retrograde	-604 Nov 18 j 20:50	19° \mathcal{Z} 58'40		max. Earth dist.		-601 May 05 j 06:23	6° \mathcal{B} 36'59	1.73661 AU
asc. node	-604 Nov 27 j 22:51	18° \mathcal{Z} 16'16		asc. node		-601 May 15 j 18:18	19° \mathcal{B} 30'15	
evening set	-604 Dec 03 j 07:45	15° \mathcal{Z} 47'48				-601 May 24 j 07:28	0° Π	
inferior conj	-604 Dec 09 j 11:24	12° \mathcal{Z} 10'12	2°55'22	evening rise		-601 Jun 10 j 12:08	21° Π 07'36	
minimum elong	-604 Dec 09 j 05:07	12° \mathcal{Z} 19'50	2°53'28			-601 Jun 17 j 17:22	0° \mathcal{E}	
min. Earth dist.	-604 Dec 08 j 18:58	12° \mathcal{Z} 35'26	0.26525 AU			-601 Jul 12 j 02:48	0° \mathcal{Q}	
morning rise	-604 Dec 15 j 02:54	8° \mathcal{Z} 49'49				-601 Aug 05 j 12:50	0° \mathcal{H}	
direct	-604 Dec 29 j 17:58	4° \mathcal{Z} 32'33				-601 Aug 30 j 01:05	0° \mathcal{A}	
greatest brilliancy	-603 Jan 09 j 21:17	6° \mathcal{Z} 51'30	-4.6m	desc. node		-601 Sep 04 j 08:29	6° \mathcal{A} 28'25	
	-603 Feb 10 j 21:58	0° \mathcal{Z}				-601 Sep 23 j 17:33	0° \mathcal{M}	
morning max el	-603 Feb 17 j 14:20	6° \mathcal{Z} 25'20	46°27'42			-601 Oct 18 j 17:34	0° \mathcal{Z}	
	-603 Mar 12 j 05:15	0° \approx				-601 Nov 13 j 09:43	0° \mathcal{Z}	
desc. node	-603 Mar 19 j 13:24	8° \approx 02'53				-601 Dec 10 j 21:03	0° \approx	
	-603 Apr 08 j 01:03	0° \mathcal{H}		evening max el		-601 Dec 11 j 02:14	0° \approx 13'15	47°09'47
	-603 May 03 j 22:11	0° Υ		asc. node		-601 Dec 26 j 10:58	14° \approx 56'33	
	-603 May 29 j 06:46	0° \mathcal{B}				-600 Jan 16 j 12:39	0° \mathcal{H}	
	-603 Jun 23 j 05:54	0° Π		greatest brilliancy		-600 Jan 16 j 20:40	0° \mathcal{H} 09'47	-4.6m
asc. node	-603 Jul 10 j 15:58	21° Π 11'48		retrograde		-600 Jan 30 j 22:38	3° \mathcal{H} 48'17	
	-603 Jul 17 j 20:24	0° \mathcal{E}				-600 Feb 13 j 14:10	30° \mathcal{R} \approx	
	-603 Aug 11 j 03:09	0° \mathcal{Q}		evening set		-600 Feb 17 j 19:22	27° \approx 33'39	
morning set	-603 Aug 14 j 17:55	4° \mathcal{Q} 29'42		min. Earth dist.		-600 Feb 20 j 11:12	25° \approx 53'27	0.28348 AU
	-603 Sep 04 j 04:01	0° \mathcal{H}		inferior conj		-600 Feb 21 j 01:09	25° \approx 31'18	8°34'09
max. Earth dist.	-603 Sep 19 j 06:22	18° \mathcal{H} 56'19	1.71435 AU	minimum elong		-600 Feb 21 j 02:10	25° \approx 29'40	8°34'09
				morning rise		-600 Feb 24 j 09:16	23° \approx 26'05	
superior conj	-603 Sep 21 j 12:43	21° \mathcal{H} 47'04	1°14'57	direct		-600 Mar 13 j 03:25	17° \approx 24'18	
minimum elong	-603 Sep 21 j 21:16	22° \mathcal{H} 13'56	1°14'45	greatest brilliancy		-600 Mar 24 j 06:29	19° \approx 40'04	-4.5m
	-603 Sep 28 j 01:35	0° \mathcal{A}				-600 Apr 10 j 19:30	0° \mathcal{H}	
	-603 Oct 21 j 22:13	0° \mathcal{M}		desc. node		-600 Apr 16 j 01:01	4° \mathcal{H} 06'56	
desc. node	-603 Oct 30 j 06:14	10° \mathcal{M} 28'34		morning max el		-600 May 01 j 02:19	17° \mathcal{H} 35'22	45°50'31
evening rise	-603 Oct 31 j 23:22	12° \mathcal{M} 37'46				-600 May 13 j 13:58	0° Υ	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-600 Jun 10 j 09:58	0°♄			-597 Jan 13 j 13:44	0°♁	
	-600 Jul 06 j 15:02	0°♂		asc. node	-597 Jan 22 j 22:45	10°♁42'33	
	-600 Jul 31 j 21:58	0°♄			-597 Feb 09 j 14:10	0°♁	
asc. node	-600 Aug 07 j 03:52	7°♄32'16		evening max el	-597 Feb 20 j 03:56	10°♁47'07	45°55'01
	-600 Aug 25 j 13:22	0°♂			-597 Mar 14 j 00:41	0°♄	
	-600 Sep 18 j 17:55	0°♁		greatest brilliancy	-597 Mar 26 j 15:14	7°♄51'11	-4.5m
	-600 Oct 12 j 16:04	0°♂		retrograde	-597 Apr 10 j 08:21	11°♄40'38	
morning set	-600 Oct 26 j 10:50	17°♄21'25		evening set	-597 Apr 25 j 23:19	6°♄58'18	
	-600 Nov 05 j 11:38	0°♁		inferior conj	-597 May 01 j 19:53	3°♄25'20	2°54'07
desc. node	-600 Nov 26 j 18:03	26°♁47'34		minimum elong	-597 May 02 j 01:51	3°♄15'55	2°52'30
	-600 Nov 29 j 07:13	0°♁		min. Earth dist.	-597 May 02 j 03:25	3°♄13'28	0.29037 AU
					-597 May 07 j 10:26	30°♁♁	
superior conj	-600 Dec 06 j 22:35	9°♄36'32	0°-23'-50	morning rise	-597 May 08 j 04:16	29°♁34'56	
minimum elong	-600 Dec 06 j 16:16	9°♄16'42	0°23'34	desc. node	-597 May 14 j 12:52	26°♁39'22	
max. Earth dist.	-600 Dec 10 j 01:46	13°♄32'50	1.71139 AU	direct	-597 May 23 j 11:07	25°♁04'54	
	-600 Dec 23 j 04:13	0°♄		greatest brilliancy	-597 Jun 06 j 01:04	28°♁16'56	-4.5m
	-599 Jan 16 j 03:34	0°♁			-597 Jun 09 j 13:40	0°♄	
evening rise	-599 Jan 17 j 13:07	1°♁44'42		morning max el	-597 Jul 11 j 07:48	24°♄53'42	45°51'56
	-599 Feb 09 j 06:23	0°♁			-597 Jul 16 j 13:18	0°♂	
	-599 Mar 05 j 14:22	0°♁			-597 Aug 13 j 18:04	0°♄	
asc. node	-599 Mar 19 j 20:37	17°♁25'11		asc. node	-597 Sep 04 j 15:41	25°♄12'16	
	-599 Mar 30 j 05:32	0°♄			-597 Sep 08 j 17:03	0°♂	
	-599 Apr 24 j 06:26	0°♂			-597 Oct 03 j 13:29	0°♁	
	-599 May 19 j 21:18	0°♄			-597 Oct 27 j 19:42	0°♂	
desc. node	-599 Jun 15 j 11:55	0°♂			-597 Nov 20 j 19:31	0°♁	
	-599 Jul 09 j 10:42	25°♂12'02			-597 Dec 14 j 17:42	0°♁	
evening max el	-599 Jul 14 j 07:52	0°♁		desc. node	-597 Dec 25 j 06:00	13°♄10'26	
	-599 Jul 15 j 06:04	0°♁53'34	45°59'37		-596 Jan 07 j 16:43	0°♄	
greatest brilliancy	-599 Aug 23 j 03:27	29°♁21'19	-4.6m	morning set	-596 Jan 12 j 17:06	6°♄16'11	
	-599 Aug 25 j 02:29	0°♂			-596 Jan 31 j 17:36	0°♁	
retrograde	-599 Sep 02 j 11:47	1°♂17'38					
	-599 Sep 10 j 14:12	30°♁♁		superior conj	-596 Feb 22 j 05:24	26°♁43'01	-1°-24'-57
evening set	-599 Sep 19 j 15:56	25°♁46'28		minimum elong	-596 Feb 22 j 06:47	26°♁47'20	1°24'59
inferior conj	-599 Sep 23 j 07:12	23°♁35'43	-7°-48'-21		-596 Feb 24 j 20:56	0°♁	
minimum elong	-599 Sep 23 j 16:24	23°♁21'42	7°46'59	max. Earth dist.	-596 Feb 25 j 20:13	1°♁12'09	1.72561 AU
min. Earth dist.	-599 Sep 24 j 02:07	23°♁06'54	0.27120 AU		-596 Mar 20 j 03:16	0°♁	
morning rise	-599 Sep 27 j 16:33	20°♁58'16		evening rise	-596 Mar 31 j 17:59	14°♁17'55	
direct	-599 Oct 14 j 01:28	15°♁47'26			-596 Apr 13 j 12:55	0°♄	
greatest brilliancy	-599 Oct 27 j 14:01	19°♁09'19	-4.7m	asc. node	-596 Apr 16 j 08:32	3°♄27'10	
asc. node	-599 Oct 30 j 13:04	20°♁39'53			-596 May 08 j 02:02	0°♂	
	-599 Nov 13 j 01:01	0°♂			-596 Jun 01 j 18:56	0°♄	
morning max el	-599 Dec 03 j 20:09	19°♂20'35	46°55'36		-596 Jun 26 j 16:55	0°♂	
	-599 Dec 13 j 23:16	0°♁			-596 Jul 21 j 22:57	0°♁	
	-598 Jan 09 j 15:45	0°♁		desc. node	-596 Aug 05 j 22:31	17°♁30'12	
	-598 Feb 04 j 04:26	0°♄			-596 Aug 16 j 19:05	0°♂	
desc. node	-598 Feb 19 j 03:35	17°♄51'18			-596 Sep 12 j 19:38	0°♁	
	-598 Mar 01 j 06:34	0°♁		evening max el	-596 Sep 26 j 17:09	14°♁24'52	47°14'03
	-598 Mar 26 j 03:56	0°♁			-596 Oct 13 j 09:19	0°♁	
	-598 Apr 19 j 22:32	0°♁		greatest brilliancy	-596 Nov 04 j 14:25	14°♄51'27	-4.7m
	-598 May 14 j 14:43	0°♄		retrograde	-596 Nov 16 j 09:56	17°♄29'32	
morning set	-598 Jun 05 j 06:43	26°♄28'11		asc. node	-596 Nov 27 j 01:06	15°♄09'33	
	-598 Jun 08 j 03:51	0°♂		evening set	-596 Nov 30 j 19:19	13°♄19'58	
asc. node	-598 Jun 12 j 06:15	5°♂01'42		inferior conj	-596 Dec 06 j 23:46	9°♄41'43	2°32'19
	-598 Jul 02 j 13:13	0°♄		minimum elong	-596 Dec 06 j 18:14	9°♄50'12	2°30'36
max. Earth dist.	-598 Jul 07 j 17:32	6°♄23'56	1.73050 AU	min. Earth dist.	-596 Dec 06 j 08:22	10°♄05'19	0.26491 AU
				morning rise	-596 Dec 12 j 17:35	6°♄18'52	
superior conj	-598 Jul 11 j 12:18	11°♄04'31	1°01'50	direct	-596 Dec 27 j 06:27	2°♄04'30	
minimum elong	-598 Jul 11 j 03:36	10°♄37'37	1°01'34	greatest brilliancy	-595 Jan 07 j 11:12	4°♄25'39	-4.6m
	-598 Jul 26 j 18:46	0°♂			-595 Feb 10 j 23:45	0°♄	
evening rise	-598 Aug 16 j 19:00	26°♂07'54		morning max el	-595 Feb 15 j 04:38	4°♄05'08	46°29'13
	-598 Aug 19 j 21:33	0°♁			-595 Mar 11 j 22:13	0°♁	
	-598 Sep 12 j 23:17	0°♂		desc. node	-595 Mar 18 j 15:26	7°♁24'20	
desc. node	-598 Oct 01 j 20:22	23°♂30'41			-595 Apr 07 j 15:00	0°♁	
	-598 Oct 07 j 01:32	0°♁			-595 May 03 j 10:40	0°♁	
	-598 Oct 31 j 05:37	0°♁			-595 May 28 j 18:25	0°♄	
	-598 Nov 24 j 13:21	0°♄			-595 Jun 22 j 17:03	0°♂	
	-598 Dec 19 j 04:56	0°♁		asc. node	-595 Jul 09 j 18:05	20°♂44'53	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-595 Jul 17 j 07:16	0°☿				-592 Feb 06 j 03:16	30°♊	
	-595 Aug 10 j 13:52	0°♋			evening set	-592 Feb 15 j 10:30	25°♊17'40	
morning set	-595 Aug 12 j 10:22	2°♋18'17			min. Earth dist.	-592 Feb 18 j 01:33	23°♊38'34	0.28294 AU
	-595 Sep 03 j 14:44	0°♌			inferior conj	-592 Feb 18 j 16:30	23°♊14'49	8°35'21
max. Earth dist.	-595 Sep 16 j 18:05	16°♌28'37	1.71480 AU		minimum elong	-592 Feb 18 j 16:43	23°♊14'27	8°35'21
					morning rise	-592 Feb 21 j 23:13	21°♊11'35	
superior conj	-595 Sep 19 j 02:43	19°♌26'25	1°16'32		direct	-592 Mar 10 j 18:11	15°♊08'58	
minimum elong	-595 Sep 19 j 10:41	19°♌51'25	1°16'22		greatest brilliancy	-592 Mar 21 j 18:56	17°♊22'18	-4.5m
	-595 Sep 27 j 12:24	0°♍				-592 Apr 11 j 08:01	0°♋	
	-595 Oct 21 j 09:10	0°♍			desc. node	-592 Apr 15 j 03:08	3°♋05'42	
evening rise	-595 Oct 29 j 09:44	10°♍05'00			morning max el	-592 Apr 28 j 16:26	15°♋19'45	45°51'15
desc. node	-595 Oct 29 j 08:22	10°♍00'43				-592 May 13 j 08:33	0°♌	
	-595 Nov 14 j 06:33	0°♎				-592 Jun 10 j 00:27	0°♍	
	-595 Dec 08 j 05:36	0°♏				-592 Jul 06 j 03:47	0°♎	
	-594 Jan 01 j 07:57	0°♐				-592 Jul 31 j 09:51	0°☿	
	-594 Jan 25 j 16:32	0°♑			asc. node	-592 Aug 06 j 05:49	7°☿02'40	
asc. node	-594 Feb 19 j 10:41	29°♑55'34				-592 Aug 25 j 00:48	0°♋	
	-594 Feb 19 j 12:10	0°♒				-592 Sep 18 j 05:08	0°♌	
	-594 Mar 17 j 02:46	0°♓				-592 Oct 12 j 03:11	0°♍	
	-594 Apr 13 j 04:43	0°♑			morning set	-592 Oct 23 j 22:37	14°♍52'25	
evening max el	-594 May 01 j 21:01	18°♑55'01	45°16'14			-592 Nov 04 j 22:41	0°♎	
	-594 May 14 j 03:58	0°☿			desc. node	-592 Nov 25 j 20:14	26°♎19'44	
greatest brilliancy	-594 Jun 06 j 02:00	15°☿16'39	-4.5m			-592 Nov 28 j 18:14	0°♏	
desc. node	-594 Jun 11 j 00:58	17°☿04'29						
retrograde	-594 Jun 19 j 07:25	18°☿18'39			superior conj	-592 Dec 04 j 08:10	7°♏01'09	0°-19'-59
evening set	-594 Jul 05 j 03:36	13°☿32'55			minimum elong	-592 Dec 04 j 02:49	6°♏44'21	0°19'45
inferior conj	-594 Jul 10 j 15:26	10°☿15'58	-6°-15'-11		max. Earth dist.	-592 Dec 07 j 06:27	10°♏42'05	1.71110 AU
minimum elong	-594 Jul 10 j 05:21	10°☿31'32	6°13'08			-592 Dec 22 j 15:15	0°♐	
min. Earth dist.	-594 Jul 10 j 19:55	10°☿09'03	0.28633 AU		evening rise	-591 Jan 15 j 00:11	29°♐14'58	
morning rise	-594 Jul 15 j 06:52	7°☿27'31				-591 Jan 15 j 14:37	0°♑	
direct	-594 Aug 01 j 05:39	2°☿03'32				-591 Feb 08 j 17:30	0°♒	
greatest brilliancy	-594 Aug 15 j 16:30	5°☿44'42	-4.6m			-591 Mar 05 j 01:39	0°♒	
	-594 Sep 16 j 07:53	0°♋			asc. node	-591 Mar 18 j 22:41	16°♒56'35	
morning max el	-594 Sep 20 j 04:55	3°♋48'27	46°29'38			-591 Mar 29 j 17:10	0°♓	
asc. node	-594 Oct 02 j 03:27	16°♋11'15				-591 Apr 23 j 18:45	0°♑	
	-594 Oct 14 j 16:10	0°♌				-591 May 19 j 10:55	0°☿	
	-594 Nov 09 j 09:49	0°♍				-591 Jun 15 j 04:14	0°♋	
	-594 Dec 04 j 04:09	0°♎			desc. node	-591 Jul 08 j 12:42	24°♋23'11	
	-594 Dec 28 j 13:38	0°♏			evening max el	-591 Jul 12 j 18:06	28°♋30'12	45°57'03
desc. node	-593 Jan 21 j 17:46	29°♏51'05				-591 Jul 14 j 07:42	0°♌	
	-593 Jan 21 j 20:40	0°♑			greatest brilliancy	-591 Aug 20 j 15:42	26°♌57'18	-4.6m
	-593 Feb 15 j 03:50	0°♒			retrograde	-591 Aug 30 j 23:46	28°♌53'46	
	-593 Mar 11 j 12:03	0°♓			evening set	-591 Sep 17 j 07:32	23°♌17'52	
morning set	-593 Mar 27 j 05:11	19°♓20'00			inferior conj	-591 Sep 20 j 20:06	21°♌11'14	-7°-58'-45
	-593 Apr 04 j 21:28	0°♒			minimum elong	-591 Sep 21 j 04:45	20°♌58'03	7°57'34
	-593 Apr 29 j 07:44	0°♓			min. Earth dist.	-591 Sep 21 j 15:30	20°♌41'41	0.27181 AU
					morning rise	-591 Sep 25 j 01:38	18°♌39'13	
superior conj	-593 May 03 j 04:33	4°♓44'51	0°-27'-5		direct	-591 Oct 11 j 14:29	13°♌21'38	
minimum elong	-593 May 03 j 09:53	5°♓01'14	0°26'52		greatest brilliancy	-591 Oct 25 j 06:18	16°♌46'45	-4.7m
max. Earth dist.	-593 May 03 j 05:06	4°♓46'32	1.73648 AU		asc. node	-591 Oct 29 j 15:17	19°♌05'48	
asc. node	-593 May 14 j 20:29	19°♓04'05				-591 Nov 13 j 12:55	0°♍	
	-593 May 23 j 18:11	0°♑			morning max el	-591 Dec 01 j 09:24	16°♍53'35	46°55'51
evening rise	-593 Jun 08 j 07:13	19°♑05'34				-591 Dec 13 j 18:36	0°♎	
	-593 Jun 17 j 04:12	0°☿				-590 Jan 09 j 07:02	0°♏	
	-593 Jul 11 j 13:53	0°♋				-590 Feb 03 j 17:53	0°♑	
	-593 Aug 05 j 00:17	0°♌			desc. node	-590 Feb 18 j 05:39	17°♑19'14	
	-593 Aug 29 j 13:02	0°♍				-590 Feb 28 j 18:59	0°♎	
desc. node	-593 Sep 03 j 10:31	5°♍57'48				-590 Mar 25 j 15:42	0°♓	
	-593 Sep 23 j 06:14	0°♎				-590 Apr 19 j 09:53	0°♒	
	-593 Oct 18 j 07:25	0°♏				-590 May 14 j 01:47	0°♓	
	-593 Nov 13 j 01:50	0°♑			morning set	-590 Jun 03 j 01:05	24°♓23'52	
evening max el	-593 Dec 08 j 17:25	27°♑53'39	47°11'24			-590 Jun 07 j 14:47	0°♑	
	-593 Dec 10 j 19:11	0°♒			asc. node	-590 Jun 11 j 08:19	4°♑34'36	
asc. node	-593 Dec 25 j 12:59	13°♒53'38				-590 Jul 02 j 00:06	0°☿	
greatest brilliancy	-592 Jan 14 j 15:04	27°♒56'02	-4.6m		max. Earth dist.	-590 Jul 05 j 14:43	4°☿27'27	1.73097 AU
	-592 Jan 19 j 16:42	0°♓						
retrograde	-592 Jan 28 j 14:09	1°♓31'06			superior conj	-590 Jul 09 j 06:23	8°☿58'22	0°59'38

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 63

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-590 Jul 08 j 21:41	8°31'29	0°59'21	direct	-588 Dec 24 j 19:09	29°13'520	
	-590 Jul 26 j 05:42	0°0			-588 Dec 29 j 08:12	0°2	
evening rise	-590 Aug 14 j 11:19	23°054'53		greatest brilliancy	-587 Jan 05 j 00:08	1°257'24	-4.6m
	-590 Aug 19 j 08:39	0°7			-587 Feb 11 j 00:38	0°3	
	-590 Sep 12 j 10:36	0°1		morning max el	-587 Feb 12 j 18:53	1°343'44	46°30'44
desc. node	-590 Sep 30 j 22:31	23°101'20			-587 Mar 11 j 15:10	0°4	
	-590 Oct 06 j 13:10	0°1		desc. node	-587 Mar 17 j 17:33	6°445'33	
	-590 Oct 30 j 17:37	0°2			-587 Apr 07 j 05:06	0°5	
	-590 Nov 24 j 01:49	0°3			-587 May 02 j 23:21	0°6	
	-590 Dec 18 j 18:09	0°4			-587 May 28 j 06:18	0°7	
	-589 Jan 13 j 04:30	0°5			-587 Jun 22 j 04:29	0°8	
asc. node	-589 Jan 22 j 00:47	10°504'00		asc. node	-587 Jul 08 j 20:03	20°116'34	
	-589 Feb 09 j 08:58	0°6			-587 Jul 16 j 18:27	0°9	
evening max el	-589 Feb 17 j 18:49	8°632'08	45°57'32	morning set	-587 Aug 10 j 02:35	0°104'59	
	-589 Mar 14 j 17:20	0°7			-587 Aug 10 j 00:59	0°1	
greatest brilliancy	-589 Mar 24 j 06:17	5°740'28	-4.5m		-587 Sep 03 j 01:53	0°2	
retrograde	-589 Apr 08 j 01:29	9°832'34		max. Earth dist.	-587 Sep 14 j 02:19	13°148'47	1.71525 AU
evening set	-589 Apr 23 j 17:55	4°846'48					
inferior conj	-589 Apr 29 j 12:32	1°816'36	3°12'14	superior conj	-587 Sep 16 j 16:33	17°104'03	1°17'59
minimum elong	-589 Apr 29 j 19:03	1°806'22	3°10'30	minimum elong	-587 Sep 16 j 23:53	17°127'04	1°17'51
min. Earth dist.	-589 Apr 29 j 19:55	1°804'59	0.29042 AU		-587 Sep 26 j 23:38	0°3	
	-589 May 01 j 13:24	30°86			-587 Oct 20 j 20:29	0°4	
morning rise	-589 May 05 j 20:06	27°927'36		evening rise	-587 Oct 26 j 19:49	7°130'15	
desc. node	-589 May 13 j 15:03	24°903'18		desc. node	-587 Oct 28 j 10:28	9°131'38	
direct	-589 May 21 j 03:29	22°955'57			-587 Nov 13 j 17:59	0°5	
greatest brilliancy	-589 Jun 03 j 17:21	26°908'13	-4.5m		-587 Dec 07 j 17:11	0°6	
	-589 Jun 11 j 00:18	0°8			-587 Dec 31 j 19:45	0°7	
morning max el	-589 Jul 09 j 00:41	22°945'26	45°51'08		-586 Jan 25 j 04:40	0°8	
	-589 Jul 16 j 09:37	0°9		asc. node	-586 Feb 18 j 12:47	29°123'41	
	-589 Aug 13 j 09:17	0°10			-586 Feb 19 j 00:59	0°9	
asc. node	-589 Sep 03 j 17:50	24°1038'50			-586 Mar 16 j 16:57	0°10	
	-589 Sep 08 j 06:20	0°1			-586 Apr 12 j 22:17	0°11	
	-589 Oct 03 j 01:51	0°2		evening max el	-586 Apr 29 j 12:59	16°144'28	45°16'15
	-589 Oct 27 j 07:37	0°3			-586 May 14 j 11:02	0°12	
	-589 Nov 20 j 07:10	0°4		greatest brilliancy	-586 Jun 03 j 16:10	13°104'08	-4.5m
	-589 Dec 14 j 05:11	0°5		desc. node	-586 Jun 10 j 02:54	15°116'18	
desc. node	-589 Dec 24 j 07:57	12°140'50		retrograde	-586 Jun 16 j 22:21	16°107'08	
	-588 Jan 07 j 04:02	0°6		evening set	-586 Jul 02 j 16:32	11°1025'12	
morning set	-588 Jan 10 j 03:21	3°1042'56		inferior conj	-586 Jul 08 j 07:06	8°104'06	-6°00'-39
	-588 Jan 31 j 04:46	0°7		minimum elong	-586 Jul 07 j 21:04	8°119'39	5°58'31
				min. Earth dist.	-586 Jul 08 j 11:26	7°1057'24	0.28661 AU
superior conj	-588 Feb 19 j 19:06	24°122'20	-1°-25'-8	morning rise	-586 Jul 13 j 01:20	5°111'12	
minimum elong	-588 Feb 19 j 19:36	24°123'52	1°25'09		-586 Jul 27 j 04:31	30°1811	
max. Earth dist.	-588 Feb 23 j 10:27	28°153'16	1.72505 AU	direct	-586 Jul 29 j 21:43	29°151'19	
	-588 Feb 24 j 07:59	0°8			-586 Aug 01 j 15:41	0°13	
	-588 Mar 19 j 14:15	0°9		greatest brilliancy	-586 Aug 13 j 07:09	3°1030'06	-4.5m
evening rise	-588 Mar 29 j 10:19	12°906'47			-586 Sep 16 j 07:17	0°14	
	-588 Apr 12 j 23:59	0°10		morning max el	-586 Sep 17 j 19:01	1°1028'27	46°28'01
asc. node	-588 Apr 15 j 10:42	2°1059'54		asc. node	-586 Oct 01 j 05:37	15°1026'56	
	-588 May 07 j 13:18	0°11			-586 Oct 14 j 08:39	0°15	
	-588 Jun 01 j 06:36	0°12			-586 Nov 08 j 23:58	0°16	
	-588 Jun 26 j 05:15	0°13			-586 Dec 03 j 17:09	0°17	
	-588 Jul 21 j 12:26	0°14			-586 Dec 28 j 01:57	0°18	
desc. node	-588 Aug 05 j 00:32	16°1054'11		desc. node	-585 Jan 20 j 19:51	29°120'50	
	-588 Aug 16 j 10:33	0°15			-585 Jan 21 j 08:31	0°19	
	-588 Sep 12 j 15:23	0°16			-585 Feb 14 j 15:21	0°20	
evening max el	-588 Sep 24 j 07:34	12°1101'54	47°12'21		-585 Mar 10 j 23:19	0°21	
	-588 Oct 13 j 21:25	0°17		morning set	-585 Mar 24 j 21:26	17°108'11	
greatest brilliancy	-588 Nov 02 j 04:05	12°122'12	-4.7m		-585 Apr 04 j 08:32	0°22	
retrograde	-588 Nov 13 j 23:09	14°159'01			-585 Apr 28 j 18:41	0°23	
asc. node	-588 Nov 26 j 03:08	11°156'55					
evening set	-588 Nov 28 j 07:06	10°150'45		superior conj	-585 Apr 30 j 22:36	2°1039'21	0°-30'-4
min. Earth dist.	-588 Dec 03 j 21:33	7°134'04	0.26457 AU	minimum elong	-585 May 01 j 04:28	2°1057'21	0°29'49
inferior conj	-588 Dec 04 j 12:02	7°111'54	2°08'52	max. Earth dist.	-585 May 01 j 02:21	2°1050'53	1.73631 AU
minimum elong	-588 Dec 04 j 07:17	7°119'09	2°07'22	asc. node	-585 May 13 j 22:31	18°1036'48	
morning rise	-588 Dec 10 j 07:59	3°146'42			-585 May 23 j 05:06	0°24	
	-588 Dec 20 j 08:20	30°181		evening rise	-585 Jun 06 j 02:33	17°1103'46	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-585 Jun 16 j 15:13	0°☿			-582 Jan 08 j 22:15	0°♊		
	-585 Jul 11 j 01:10	0°♋			-582 Feb 03 j 07:23	0°♌		
	-585 Aug 04 j 11:58	0°♍		desc. node	-582 Feb 17 j 07:48	16°♍47'13		
	-585 Aug 29 j 01:19	0°♎			-582 Feb 28 j 07:27	0°♏		
desc. node	-585 Sep 02 j 12:39	5°♎26'32			-582 Mar 25 j 03:28	0°♐		
	-585 Sep 22 j 19:19	0°♏			-582 Apr 18 j 21:10	0°♑		
	-585 Oct 17 j 21:48	0°♐			-582 May 13 j 12:47	0°♒		
	-585 Nov 12 j 18:39	0°♑		morning set	-582 May 31 j 19:31	22°♒20'05		
evening max el	-585 Dec 06 j 07:42	25°♑30'34	47°13'10		-582 Jun 07 j 01:38	0°♓		
	-585 Dec 10 j 18:41	0°♒		asc. node	-582 Jun 10 j 10:18	4°♓07'28		
asc. node	-585 Dec 24 j 15:00	12°♒48'15			-582 Jul 01 j 10:54	0°♈		
greatest brilliancy	-584 Jan 12 j 09:17	25°♒40'53	-4.6m	max. Earth dist.	-582 Jul 03 j 12:37	2°♈33'27	1.73140 AU	
retrograde	-584 Jan 26 j 05:23	29°♒13'05						
evening set	-584 Feb 13 j 01:19	23°♒01'19		superior conj	-582 Jul 07 j 00:43	6°♈53'16	0°57'23	
min. Earth dist.	-584 Feb 15 j 16:12	21°♒22'30	0.28234 AU	minimum elong	-582 Jul 06 j 16:03	6°♈26'31	0°57'04	
inferior conj	-584 Feb 16 j 07:51	20°♒57'38	8°35'50		-582 Jul 25 j 16:33	0°♋		
minimum elong	-584 Feb 16 j 07:16	20°♒58'32	8°35'49	evening rise	-582 Aug 12 j 04:09	21°♋43'54		
morning rise	-584 Feb 19 j 13:29	18°♒55'55			-582 Aug 18 j 19:37	0°♌		
direct	-584 Mar 08 j 08:23	12°♒52'49			-582 Sep 11 j 21:48	0°♍		
greatest brilliancy	-584 Mar 19 j 08:13	15°♒04'49	-4.5m	desc. node	-582 Sep 30 j 00:38	22°♍32'25		
	-584 Apr 11 j 17:30	0°♌			-582 Oct 06 j 00:40	0°♎		
desc. node	-584 Apr 14 j 05:18	2°♌05'37			-582 Oct 30 j 05:30	0°♏		
morning max el	-584 Apr 26 j 06:20	13°♌03'03	45°52'08		-582 Nov 23 j 14:13	0°♑		
	-584 May 13 j 02:48	0°♐			-582 Dec 18 j 07:24	0°♒		
	-584 Jun 09 j 14:52	0°♑			-581 Jan 12 j 19:27	0°♓		
	-584 Jul 05 j 16:32	0°♒		asc. node	-581 Jan 21 j 02:56	9°♓25'24		
	-584 Jul 30 j 21:46	0°♓			-581 Feb 09 j 04:20	0°♈		
asc. node	-584 Aug 05 j 08:01	6°♓33'38		evening max el	-581 Feb 15 j 10:40	6°♈19'22	46°00'10	
	-584 Aug 24 j 12:18	0°♋			-581 Mar 15 j 16:00	0°♌		
	-584 Sep 17 j 16:26	0°♌		greatest brilliancy	-581 Mar 21 j 22:14	3°♌30'51	-4.5m	
	-584 Oct 11 j 14:25	0°♍		retrograde	-581 Apr 05 j 18:52	7°♌24'17		
morning set	-584 Oct 21 j 10:19	12°♍22'38		evening set	-581 Apr 21 j 12:37	2°♌35'16		
	-584 Nov 04 j 09:55	0°♎			-581 Apr 25 j 19:54	30°♌		
desc. node	-584 Nov 24 j 22:13	25°♎50'31		inferior conj	-581 Apr 27 j 05:08	29°♌07'49	3°30'11	
	-584 Nov 28 j 05:30	0°♏		minimum elong	-581 Apr 27 j 12:08	28°♌56'48	3°28'20	
				min. Earth dist.	-581 Apr 27 j 12:04	28°♌56'53	0.29040 AU	
superior conj	-584 Dec 01 j 17:17	4°♏23'33	0°-16'-2	morning rise	-581 May 03 j 11:40	25°♌20'28		
minimum elong	-584 Dec 01 j 12:57	4°♏09'56	0°15'50	desc. node	-581 May 12 j 16:59	21°♌32'07		
behind sun begin	-584 Dec 01 j 06:05	3°♏48'18		direct	-581 May 18 j 20:08	20°♌47'14		
behind sun end	-584 Dec 01 j 19:50	4°♏31'34		greatest brilliancy	-581 Jun 01 j 08:21	23°♌58'22	-4.5m	
max. Earth dist.	-584 Dec 04 j 07:18	7°♏38'33	1.71087 AU		-581 Jun 12 j 00:42	0°♐		
	-584 Dec 22 j 02:30	0°♑		morning max el	-581 Jul 06 j 17:54	20°♐38'40	45°50'22	
evening rise	-583 Jan 12 j 10:40	26°♐42'47			-581 Jul 16 j 05:04	0°♒		
	-583 Jan 15 j 01:51	0°♒			-581 Aug 13 j 00:02	0°♓		
	-583 Feb 08 j 04:46	0°♓		asc. node	-581 Sep 02 j 19:53	24°♓06'02		
	-583 Mar 04 j 13:02	0°♈			-581 Sep 07 j 19:16	0°♋		
asc. node	-583 Mar 18 j 00:51	16°♈27'58			-581 Oct 02 j 13:55	0°♌		
	-583 Mar 29 j 04:55	0°♌			-581 Oct 26 j 19:14	0°♍		
	-583 Apr 23 j 07:12	0°♍			-581 Nov 19 j 18:32	0°♎		
	-583 May 19 j 00:42	0°♎			-581 Dec 13 j 16:22	0°♏		
	-583 Jun 14 j 20:48	0°♏		desc. node	-581 Dec 23 j 10:03	12°♏12'35		
desc. node	-583 Jul 07 j 14:48	23°♏34'04			-580 Jan 06 j 15:05	0°♑		
evening max el	-583 Jul 10 j 06:51	26°♏09'11	45°54'42	morning set	-580 Jan 07 j 13:37	1°♑10'26		
	-583 Jul 14 j 08:31	0°♐			-580 Jan 30 j 15:43	0°♒		
greatest brilliancy	-583 Aug 18 j 02:50	24°♐33'15	-4.6m					
retrograde	-583 Aug 28 j 12:31	26°♐31'19		superior conj	-580 Feb 17 j 08:21	22°♐00'37	-1°-25'-9	
evening set	-583 Sep 14 j 23:10	20°♐50'43		minimum elong	-580 Feb 17 j 07:55	21°♐59'16	1°25'10	
inferior conj	-583 Sep 18 j 09:14	18°♐47'53	-8°-8'-5	max. Earth dist.	-580 Feb 21 j 01:12	26°♐36'24	1.72453 AU	
minimum elong	-583 Sep 18 j 17:19	18°♐35'36	8°07'05		-580 Feb 23 j 18:51	0°♓		
min. Earth dist.	-583 Sep 19 j 04:44	18°♐18'15	0.27248 AU		-580 Mar 19 j 01:06	0°♈		
morning rise	-583 Sep 22 j 11:07	16°♐21'19		evening rise	-580 Mar 27 j 02:06	9°♈54'22		
direct	-583 Oct 09 j 04:12	10°♐57'00			-580 Apr 12 j 10:52	0°♌		
greatest brilliancy	-583 Oct 22 j 22:47	14°♐25'24	-4.7m	asc. node	-580 Apr 14 j 12:41	2°♌32'35		
asc. node	-583 Oct 28 j 17:19	17°♐35'26			-580 May 07 j 00:22	0°♍		
	-583 Nov 13 j 21:38	0°♎			-580 May 31 j 18:04	0°♏		
morning max el	-583 Nov 28 j 23:48	14°♎29'34	46°55'44		-580 Jun 25 j 17:24	0°♐		
	-583 Dec 13 j 13:31	0°♏			-580 Jul 21 j 01:44	0°♑		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-580 Aug 04 j 02:42	16° \cap 19'15		desc. node	-577 Jan 19 j 22:01	28° \bowtie 52'08	
	-580 Aug 16 j 01:55	0° $\underline{\Delta}$			-577 Jan 20 j 19:58	0° $\overline{\Theta}$	
	-580 Sep 12 j 11:19	0° \mathbb{M}			-577 Feb 14 j 02:28	0° \approx	
evening max el	-580 Sep 21 j 22:34	9° \mathbb{M} 41'33	47°10'34		-577 Mar 10 j 10:10	0° \mathbb{X}	
	-580 Oct 14 j 12:43	0° \mathbb{X}		morning set	-577 Mar 22 j 13:37	14° \mathbb{X} 57'17	
greatest brilliancy	-580 Oct 30 j 18:38	9° \mathbb{X} 55'37	-4.7m		-577 Apr 03 j 19:12	0° Υ	
retrograde	-580 Nov 11 j 12:20	12° \mathbb{X} 30'01			-577 Apr 28 j 05:16	0° \mathcal{B}	
asc. node	-580 Nov 25 j 05:06	8° \mathbb{X} 41'58		superior conj	-577 Apr 28 j 16:34	0° \mathcal{B} 34'41	0°-33'-1
evening set	-580 Nov 25 j 19:20	8° \mathbb{X} 23'07		minimum elong	-577 Apr 28 j 22:55	0° \mathcal{B} 54'12	0°32'44
min. Earth dist.	-580 Dec 01 j 11:05	5° \mathbb{X} 04'21	0.26424 AU	max. Earth dist.	-577 Apr 28 j 22:20	0° \mathcal{B} 52'23	1.73618 AU
inferior conj	-580 Dec 02 j 00:27	4° \mathbb{X} 43'53	1°45'11	asc. node	-577 May 13 j 00:34	18° \mathcal{B} 10'33	
minimum elong	-580 Dec 01 j 20:33	4° \mathbb{X} 49'52	1°43'56		-577 May 22 j 15:42	0° \mathbb{I}	
morning rise	-580 Dec 07 j 22:18	1° \mathbb{X} 16'20		evening rise	-577 Jun 03 j 21:41	15° \mathbb{I} 02'23	
	-580 Dec 10 j 11:10	30° \mathbb{R} \mathbb{M}			-577 Jun 16 j 01:58	0° \mathcal{D}	
direct	-580 Dec 22 j 07:56	27° \mathbb{M} 08'06			-577 Jul 10 j 12:10	0° \mathcal{Q}	
greatest brilliancy	-579 Jan 02 j 12:55	29° \mathbb{M} 30'22	-4.6m		-577 Aug 03 j 23:22	0° \cap	
	-579 Jan 03 j 17:12	0° \mathbb{X}			-577 Aug 28 j 13:17	0° $\underline{\Delta}$	
morning max el	-579 Feb 10 j 08:30	29° \mathbb{X} 21'49	46°32'01	desc. node	-577 Sep 01 j 14:42	4° $\underline{\Delta}$ 55'58	
	-579 Feb 10 j 23:54	0° $\overline{\Theta}$			-577 Sep 22 j 08:08	0° \mathbb{M}	
	-579 Mar 11 j 07:26	0° \approx			-577 Oct 17 j 11:58	0° \mathbb{X}	
desc. node	-579 Mar 16 j 19:38	6° \approx 08'03			-577 Nov 12 j 11:23	0° $\overline{\Theta}$	
	-579 Apr 06 j 18:47	0° \mathbb{X}		evening max el	-577 Dec 03 j 21:38	23° $\overline{\Theta}$ 07'36	47°14'53
	-579 May 02 j 11:43	0° Υ			-577 Dec 10 j 18:48	0° \approx	
	-579 May 27 j 17:53	0° \mathcal{B}		asc. node	-577 Dec 23 j 17:13	11° \approx 42'40	
	-579 Jun 21 j 15:35	0° \mathbb{I}		greatest brilliancy	-576 Jan 10 j 02:36	23° \approx 25'23	-4.6m
asc. node	-579 Jul 07 j 22:14	19° \mathbb{I} 49'52		retrograde	-576 Jan 23 j 20:39	26° \approx 56'07	
	-579 Jul 16 j 05:17	0° \mathcal{D}		evening set	-576 Feb 10 j 15:40	20° \approx 46'22	
morning set	-579 Aug 07 j 18:51	27° \mathcal{D} 53'02		inferior conj	-576 Feb 13 j 23:10	18° \approx 41'24	8°35'19
	-579 Aug 09 j 11:44	0° \mathcal{Q}		minimum elong	-576 Feb 13 j 21:48	18° \approx 43'35	8°35'18
	-579 Sep 02 j 12:39	0° \cap		min. Earth dist.	-576 Feb 13 j 06:54	19° \approx 07'16	0.28173 AU
max. Earth dist.	-579 Sep 11 j 09:41	11° \cap 07'30	1.71574 AU	morning rise	-576 Feb 17 j 04:10	16° \approx 40'42	
				direct	-576 Mar 05 j 22:18	10° \approx 37'28	
superior conj	-579 Sep 14 j 06:44	14° \cap 44'03	1°19'18	greatest brilliancy	-576 Mar 16 j 22:06	12° \approx 49'06	-4.5m
minimum elong	-579 Sep 14 j 13:24	15° \cap 04'57	1°19'11		-576 Apr 11 j 23:52	0° \mathbb{X}	
	-579 Sep 26 j 10:30	0° $\underline{\Delta}$		desc. node	-576 Apr 13 j 07:15	1° \mathbb{X} 07'44	
	-579 Oct 20 j 07:28	0° \mathbb{M}		morning max el	-576 Apr 23 j 20:43	10° \mathbb{X} 48'35	45°53'04
evening rise	-579 Oct 24 j 06:18	4° \mathbb{M} 57'51			-576 May 12 j 20:12	0° Υ	
desc. node	-579 Oct 27 j 12:28	9° \mathbb{M} 03'18			-576 Jun 09 j 04:48	0° \mathcal{B}	
	-579 Nov 13 j 05:03	0° \mathbb{X}			-576 Jul 05 j 04:57	0° \mathbb{I}	
	-579 Dec 07 j 04:23	0° $\overline{\Theta}$			-576 Jul 30 j 09:26	0° \mathcal{D}	
	-579 Dec 31 j 07:09	0° \approx		asc. node	-576 Aug 04 j 10:06	6° \mathcal{D} 04'56	
	-578 Jan 24 j 16:26	0° \mathbb{X}			-576 Aug 23 j 23:34	0° \mathcal{Q}	
asc. node	-578 Feb 17 j 14:54	28° \mathbb{X} 52'57			-576 Sep 17 j 03:30	0° \cap	
	-578 Feb 18 j 13:26	0° Υ			-576 Oct 11 j 01:23	0° $\underline{\Delta}$	
	-578 Mar 16 j 06:54	0° \mathcal{B}		morning set	-576 Oct 18 j 22:08	9° $\underline{\Delta}$ 54'06	
	-578 Apr 12 j 15:55	0° \mathbb{I}			-576 Nov 03 j 20:52	0° \mathbb{M}	
evening max el	-578 Apr 27 j 04:16	14° \mathbb{I} 32'57	45°16'16	desc. node	-576 Nov 24 j 00:19	25° \mathbb{M} 22'34	
	-578 May 14 j 20:22	0° \mathcal{D}			-576 Nov 27 j 16:28	0° \mathbb{X}	
greatest brilliancy	-578 Jun 01 j 06:14	10° \mathcal{D} 52'12	-4.5m	superior conj	-576 Nov 29 j 02:23	1° \mathbb{X} 46'44	0°-12'-2
desc. node	-578 Jun 09 j 05:02	13° \mathcal{D} 25'00		minimum elong	-576 Nov 28 j 23:07	1° \mathbb{X} 36'26	0°11'54
retrograde	-578 Jun 14 j 13:08	13° \mathcal{D} 56'39		behind sun begin	-576 Nov 28 j 04:26	0° \mathbb{X} 37'41	
evening set	-578 Jun 30 j 05:34	9° \mathcal{D} 18'05		behind sun end	-576 Nov 29 j 17:47	2° \mathbb{X} 35'11	
inferior conj	-578 Jul 05 j 22:47	5° \mathcal{D} 53'19	-5°-45'-31	max. Earth dist.	-576 Dec 01 j 10:51	4° \mathbb{X} 44'21	1.71069 AU
minimum elong	-578 Jul 05 j 12:52	6° \mathcal{D} 08'43	5°43'20		-576 Dec 21 j 13:29	0° $\overline{\Theta}$	
min. Earth dist.	-578 Jul 06 j 03:19	5° \mathcal{D} 46'17	0.28687 AU	evening rise	-575 Jan 09 j 21:11	24° $\overline{\Theta}$ 11'26	
morning rise	-578 Jul 10 j 19:48	2° \mathcal{D} 56'03			-575 Jan 14 j 12:51	0° \approx	
	-578 Jul 16 j 15:13	30° \mathbb{R} \mathbb{I}			-575 Feb 07 j 15:47	0° \mathbb{X}	
direct	-578 Jul 27 j 13:18	27° \mathbb{I} 40'03			-575 Mar 04 j 00:13	0° Υ	
	-578 Aug 07 j 22:51	0° \mathcal{D}		asc. node	-575 Mar 17 j 02:51	15° Υ 59'36	
greatest brilliancy	-578 Aug 10 j 22:24	1° \mathcal{D} 17'24	-4.5m		-575 Mar 28 j 16:27	0° \mathcal{B}	
morning max el	-578 Sep 15 j 08:42	29° \mathcal{D} 08'44	46°26'29		-575 Apr 22 j 19:27	0° \mathbb{I}	
	-578 Sep 16 j 05:16	0° \mathcal{Q}			-575 Apr 22 j 19:27	0° \mathcal{D}	
asc. node	-578 Sep 30 j 07:40	14° \mathcal{Q} 44'06			-575 May 18 j 14:21	0° \mathcal{D}	
	-578 Oct 14 j 00:26	0° \cap			-575 Jun 14 j 13:30	0° \mathcal{Q}	
	-578 Nov 08 j 13:34	0° $\underline{\Delta}$		desc. node	-575 Jul 06 j 16:56	22° \mathcal{Q} 44'29	
	-578 Dec 03 j 05:42	0° \mathbb{M}		evening max el	-575 Jul 07 j 20:28	23° \mathcal{Q} 50'44	45°52'13
	-578 Dec 27 j 13:51	0° \mathbb{X}					

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-575 Jul 14 j 10:34	0°♈				-572 Jan 30 j 02:46	0°♊	
greatest brilliancy	-575 Aug 15 j 12:56	22°♈08'15	-4.6m					
retrograde	-575 Aug 26 j 01:31	24°♈08'39		superior conj	-572 Feb 14 j 21:19	19°♊37'37	-1°-25'-1	
evening set	-575 Sep 12 j 14:29	18°♈23'39		minimum elong	-572 Feb 14 j 19:57	19°♊33'23	1°25'03	
inferior conj	-575 Sep 15 j 22:12	16°♈24'19	-8°-16'-31	max. Earth dist.	-572 Feb 18 j 18:01	24°♊25'31	1.72398 AU	
minimum elong	-575 Sep 16 j 05:38	16°♈13'00	8°15'41		-572 Feb 23 j 05:50	0°♋		
min. Earth dist.	-575 Sep 16 j 17:26	15°♈55'06	0.27313 AU		-572 Mar 18 j 12:04	0°♋		
morning rise	-575 Sep 19 j 20:30	14°♈03'06		evening rise	-572 Mar 24 j 17:47	7°♋41'11		
direct	-575 Oct 06 j 18:17	8°♈32'23			-572 Apr 11 j 21:54	0°♌		
greatest brilliancy	-575 Oct 20 j 14:23	12°♈03'08	-4.7m	asc. node	-572 Apr 13 j 14:46	2°♌05'09		
asc. node	-575 Oct 27 j 19:20	16°♈08'18			-572 May 06 j 11:36	0°♌		
	-575 Nov 14 j 03:50	0°♌			-572 May 31 j 05:41	0°♍		
morning max el	-575 Nov 26 j 14:42	12°♌07'20	46°55'38		-572 Jun 25 j 05:44	0°♍		
	-575 Dec 13 j 07:47	0°♍			-572 Jul 20 j 15:16	0°♍		
	-574 Jan 08 j 13:05	0°♎		desc. node	-572 Aug 03 j 04:44	15°♍43'20		
	-574 Feb 02 j 20:35	0°♎			-572 Aug 15 j 17:41	0°♎		
desc. node	-574 Feb 16 j 09:49	16°♎15'23			-572 Sep 12 j 08:09	0°♎		
	-574 Feb 27 j 19:41	0°♏		evening max el	-572 Sep 19 j 12:49	7°♎18'34	47°08'23	
	-574 Mar 24 j 15:04	0°♏			-572 Oct 15 j 09:52	0°♎		
	-574 Apr 18 j 08:20	0°♐		greatest brilliancy	-572 Oct 28 j 09:47	7°♎28'15	-4.7m	
	-574 May 12 j 23:40	0°♐		retrograde	-572 Nov 09 j 00:35	9°♎59'01		
morning set	-574 May 29 j 14:12	20°♐17'26		evening set	-572 Nov 23 j 07:31	5°♎53'18		
	-574 Jun 06 j 12:21	0°♑		asc. node	-572 Nov 24 j 07:22	5°♎20'38		
asc. node	-574 Jun 09 j 12:31	3°♑41'24		min. Earth dist.	-572 Nov 29 j 00:51	2°♎32'09	0.26396 AU	
	-574 Jun 30 j 21:36	0°♑		inferior conj	-572 Nov 29 j 12:38	2°♎14'06	1°20'59	
max. Earth dist.	-574 Jul 01 j 10:38	0°♑40'13	1.73184 AU	minimum elong	-572 Nov 29 j 09:36	2°♎18'45	1°20'01	
					-572 Dec 03 j 05:49	30°♒♌		
superior conj	-574 Jul 04 j 19:10	4°♑48'52	0°55'02	morning rise	-572 Dec 05 j 12:09	28°♒44'08		
minimum elong	-574 Jul 04 j 10:36	4°♑22'26	0°54'43	direct	-572 Dec 19 j 20:08	24°♒38'54		
	-574 Jul 25 j 03:19	0°♒		greatest brilliancy	-572 Dec 31 j 02:30	27°♒02'21	-4.7m	
evening rise	-574 Aug 09 j 21:04	19°♒33'16			-571 Jan 06 j 04:09	0°♒		
	-574 Aug 18 j 06:35	0°♒		morning max el	-571 Feb 07 j 20:56	26°♒55'37	46°33'26	
	-574 Sep 11 j 09:02	0°♒			-571 Feb 10 j 22:38	0°♒		
desc. node	-574 Sep 29 j 02:36	22°♒02'56			-571 Mar 10 j 23:45	0°♒		
	-574 Oct 05 j 12:13	0°♒		desc. node	-571 Mar 15 j 21:41	5°♒29'55		
	-574 Oct 29 j 17:25	0°♒			-571 Apr 06 j 08:36	0°♒		
	-574 Nov 23 j 02:39	0°♒			-571 May 02 j 00:14	0°♒		
	-574 Dec 17 j 20:42	0°♒			-571 May 27 j 05:40	0°♒		
	-573 Jan 12 j 10:33	0°♒			-571 Jun 21 j 02:55	0°♒		
asc. node	-573 Jan 20 j 04:59	8°♒46'22		asc. node	-571 Jul 07 j 00:19	19°♒22'03		
	-573 Feb 09 j 00:16	0°♒			-571 Jul 15 j 16:23	0°♒		
evening max el	-573 Feb 13 j 03:10	4°♒08'13	46°02'46	morning set	-571 Aug 05 j 11:28	25°♒41'29		
	-573 Mar 16 j 23:42	0°♒			-571 Aug 08 j 22:43	0°♒		
greatest brilliancy	-573 Mar 19 j 15:22	1°♒22'47	-4.5m		-571 Sep 01 j 23:40	0°♒		
retrograde	-573 Apr 03 j 12:02	5°♒15'51		max. Earth dist.	-571 Sep 08 j 19:38	8°♒33'38	1.71625 AU	
evening set	-573 Apr 19 j 07:29	0°♒23'43						
	-573 Apr 19 j 23:56	30°♒♐		superior conj	-571 Sep 11 j 21:23	12°♒24'53	1°20'27	
inferior conj	-573 Apr 24 j 21:45	26°♒59'01	3°47'51	minimum elong	-571 Sep 12 j 03:20	12°♒43'32	1°20'22	
minimum elong	-573 Apr 25 j 05:12	26°♒47'16	3°45'54		-571 Sep 25 j 21:36	0°♒		
min. Earth dist.	-573 Apr 25 j 04:11	26°♒48'52	0.29036 AU		-571 Oct 19 j 18:42	0°♒		
morning rise	-573 May 01 j 03:04	23°♒13'24		evening rise	-571 Oct 21 j 17:04	2°♒25'35		
desc. node	-573 May 11 j 19:07	19°♒05'30		desc. node	-571 Oct 26 j 14:36	8°♒34'35		
direct	-573 May 16 j 13:02	18°♒38'40			-571 Nov 12 j 16:26	0°♒		
greatest brilliancy	-573 May 29 j 22:14	21°♒47'09	-4.5m		-571 Dec 06 j 15:57	0°♒		
	-573 Jun 12 j 18:38	0°♒			-571 Dec 30 j 18:57	0°♒		
morning max el	-573 Jul 04 j 10:38	18°♒30'54	45°49'38		-570 Jan 24 j 04:37	0°♒		
	-573 Jul 15 j 23:57	0°♒		asc. node	-570 Feb 16 j 16:54	28°♒20'39		
	-573 Aug 12 j 14:37	0°♒			-570 Feb 18 j 02:21	0°♒		
asc. node	-573 Sep 01 j 21:56	23°♒33'16			-570 Mar 15 j 21:23	0°♒		
	-573 Sep 07 j 08:11	0°♒			-570 Apr 12 j 10:21	0°♒		
	-573 Oct 02 j 02:03	0°♒		evening max el	-570 Apr 24 j 18:51	12°♒18'51	45°16'28	
	-573 Oct 26 j 06:59	0°♒			-570 May 15 j 09:30	0°♒		
	-573 Nov 19 j 06:03	0°♒		greatest brilliancy	-570 May 29 j 19:23	8°♒38'22	-4.5m	
	-573 Dec 13 j 03:43	0°♒		desc. node	-570 Jun 08 j 07:12	11°♒28'47		
desc. node	-573 Dec 22 j 12:14	11°♒44'03		retrograde	-570 Jun 12 j 04:13	11°♒45'43		
morning set	-572 Jan 04 j 23:35	28°♒36'29		evening set	-570 Jun 27 j 18:48	7°♒09'56		
	-572 Jan 06 j 02:17	0°♒		inferior conj	-570 Jul 03 j 14:33	3°♒41'53	-5°-29'-52	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-570 Jul 03 j 04:47	3° $\overline{57}$ '02	5°27'39			-568 Nov 27 j 03:43	0° $\overline{27}$	
min. Earth dist.	-570 Jul 03 j 19:21	3° $\overline{53}$ '427	0.28713 AU	max. Earth dist.		-568 Nov 28 j 18:07	2° $\overline{27}$ '00'50	1.71051 AU
morning rise	-570 Jul 08 j 14:19	0° $\overline{54}$ '030				-568 Dec 21 j 00:44	0° $\overline{5}$	
	-570 Jul 09 j 19:05	30° \overline{R} II		evening rise		-567 Jan 07 j 08:01	21° $\overline{5}$ '40'15	
direct	-570 Jul 25 j 04:46	25° \overline{II} 27'56				-567 Jan 14 j 00:05	0° \approx	
greatest brilliancy	-570 Aug 08 j 14:52	29° \overline{II} 05'32	-4.5m			-567 Feb 07 j 03:06	0° \overline{H}	
	-570 Aug 10 j 10:48	0° $\overline{5}$				-567 Mar 03 j 11:43	0° \overline{Y}	
morning max el	-570 Sep 12 j 22:52	26° $\overline{54}$ '928	46°25'11	asc. node		-567 Mar 16 j 04:57	15° \overline{Y} 30'28	
	-570 Sep 16 j 02:48	0° \overline{Q}				-567 Mar 28 j 04:22	0° $\overline{8}$	
asc. node	-570 Sep 29 j 09:44	14° \overline{Q} 01'02				-567 Apr 22 j 08:07	0° \overline{II}	
	-570 Oct 13 j 16:16	0° \overline{M}				-567 May 18 j 04:29	0° $\overline{5}$	
	-570 Nov 08 j 03:21	0° \overline{A}				-567 Jun 14 j 06:52	0° \overline{Q}	
	-570 Dec 02 j 18:28	0° \overline{M}		evening max el		-567 Jul 05 j 10:54	21° \overline{Q} 33'40	45°49'52
	-570 Dec 27 j 02:03	0° $\overline{27}$		desc. node		-567 Jul 05 j 18:57	21° \overline{Q} 52'54	
desc. node	-569 Jan 19 j 00:00	28° $\overline{27}$ '21'40				-567 Jul 14 j 14:30	0° \overline{M}	
	-569 Jan 20 j 07:47	0° $\overline{5}$		greatest brilliancy		-567 Aug 12 j 23:04	19° \overline{M} 43'14	-4.6m
	-569 Feb 13 j 13:59	0° \approx		retrograde		-567 Aug 23 j 14:41	21° \overline{M} 45'48	
	-569 Mar 09 j 21:26	0° \overline{H}		evening set		-567 Sep 10 j 05:46	15° \overline{M} 57'00	
morning set	-569 Mar 20 j 05:19	12° \overline{H} 43'34		inferior conj		-567 Sep 13 j 11:20	14° \overline{M} 00'38	-8°-23'-58
	-569 Apr 03 j 06:16	0° \overline{Y}		minimum elong		-567 Sep 13 j 18:05	13° \overline{M} 50'22	8°23'18
				min. Earth dist.		-567 Sep 14 j 05:59	13° \overline{M} 32'17	0.27377 AU
superior conj	-569 Apr 26 j 10:17	28° \overline{Y} 28'09	0°-35'-55	morning rise		-567 Sep 17 j 06:10	11° \overline{M} 44'29	
minimum elong	-569 Apr 26 j 17:08	28° \overline{Y} 49'09	0°35'38	direct		-567 Oct 04 j 08:55	6° \overline{M} 07'50	
max. Earth dist.	-569 Apr 26 j 17:59	28° \overline{Y} 51'48	1.73601 AU	greatest brilliancy		-567 Oct 18 j 05:14	9° \overline{M} 39'27	-4.7m
	-569 Apr 27 j 16:13	0° $\overline{8}$		asc. node		-567 Oct 26 j 21:33	14° \overline{M} 43'50	
asc. node	-569 May 12 j 02:44	17° $\overline{8}$ 43'33				-567 Nov 14 j 08:22	0° \overline{A}	
	-569 May 22 j 02:40	0° \overline{II}		morning max el		-567 Nov 24 j 05:43	9° \overline{A} 44'44	46°55'30
evening rise	-569 Jun 01 j 16:50	13° \overline{II} 00'00				-567 Dec 13 j 01:54	0° \overline{M}	
	-569 Jun 15 j 13:05	0° $\overline{5}$				-566 Jan 08 j 03:58	0° $\overline{27}$	
	-569 Jul 09 j 23:34	0° \overline{Q}				-566 Feb 02 j 09:52	0° $\overline{5}$	
	-569 Aug 03 j 11:10	0° \overline{M}		desc. node		-566 Feb 15 j 11:53	15° $\overline{5}$ '43'19	
	-569 Aug 28 j 01:39	0° \overline{A}				-566 Feb 27 j 08:02	0° \approx	
desc. node	-569 Aug 31 j 16:44	4° \overline{A} 24'15				-566 Mar 24 j 02:48	0° \overline{H}	
	-569 Sep 21 j 21:21	0° \overline{M}				-566 Apr 17 j 19:40	0° \overline{Y}	
	-569 Oct 17 j 02:34	0° $\overline{27}$				-566 May 12 j 10:45	0° $\overline{8}$	
	-569 Nov 12 j 04:45	0° $\overline{5}$		morning set		-566 May 27 j 08:52	18° $\overline{8}$ 14'08	
evening max el	-569 Dec 01 j 11:50	20° $\overline{5}$ '44'25	47°16'28			-566 Jun 05 j 23:18	0° \overline{II}	
	-569 Dec 10 j 20:31	0° \approx		asc. node		-566 Jun 08 j 14:34	3° \overline{II} 14'07	
asc. node	-569 Dec 22 j 19:13	10° \approx 33'53		max. Earth dist.		-566 Jun 29 j 06:59	28° \overline{II} 41'20	1.73222 AU
greatest brilliancy	-568 Jan 07 j 18:45	21° \approx 07'04	-4.6m			-566 Jun 30 j 08:29	0° $\overline{5}$	
retrograde	-568 Jan 21 j 12:14	24° \approx 37'51						
evening set	-568 Feb 08 j 05:33	18° \approx 30'23		superior conj		-566 Jul 02 j 13:36	2° $\overline{5}$ '43'55	0°52'37
min. Earth dist.	-568 Feb 10 j 21:19	16° \approx 50'44	0.28116 AU	minimum elong		-566 Jul 02 j 05:12	2° $\overline{5}$ '17'59	0°52'18
inferior conj	-568 Feb 11 j 14:26	16° \approx 23'36	8°33'56			-566 Jul 24 j 14:17	0° \overline{Q}	
minimum elong	-568 Feb 11 j 12:15	16° \approx 27'03	8°33'52	evening rise		-566 Aug 07 j 14:03	17° \overline{Q} 22'26	
morning rise	-568 Feb 14 j 19:12	14° \approx 23'29				-566 Aug 17 j 17:43	0° \overline{M}	
direct	-568 Mar 03 j 12:20	8° \approx 20'23				-566 Sep 10 j 20:26	0° \overline{A}	
greatest brilliancy	-568 Mar 14 j 12:16	10° \approx 32'12	-4.5m	desc. node		-566 Sep 28 j 04:45	21° \overline{A} 33'29	
desc. node	-568 Apr 12 j 09:25	0° \overline{H} 10'13				-566 Oct 04 j 23:58	0° \overline{M}	
	-568 Apr 12 j 04:48	0° \overline{H}				-566 Oct 29 j 05:34	0° $\overline{27}$	
morning max el	-568 Apr 21 j 12:03	8° \overline{H} 34'58	45°54'04			-566 Nov 22 j 15:20	0° $\overline{5}$	
	-568 May 12 j 13:42	0° \overline{Y}				-566 Dec 17 j 10:17	0° \approx	
	-568 Jun 08 j 18:59	0° $\overline{8}$				-565 Jan 12 j 01:59	0° \overline{H}	
	-568 Jul 04 j 17:40	0° \overline{II}		asc. node		-565 Jan 19 j 07:03	8° \overline{H} 06'41	
	-568 Jul 29 j 21:23	0° $\overline{5}$				-565 Feb 08 j 20:54	0° \overline{Y}	
asc. node	-568 Aug 03 j 12:05	5° $\overline{5}$ '35'03		evening max el		-565 Feb 10 j 19:32	1° \overline{Y} 56'19	46°05'22
	-568 Aug 23 j 11:07	0° \overline{Q}		greatest brilliancy		-565 Mar 17 j 09:26	29° \overline{Y} 15'56	-4.5m
	-568 Sep 16 j 14:52	0° \overline{M}				-565 Mar 18 j 23:16	0° $\overline{8}$	
	-568 Oct 10 j 12:40	0° \overline{A}		retrograde		-565 Apr 01 j 04:54	3° $\overline{8}$ 07'28	
morning set	-568 Oct 16 j 10:25	7° \overline{A} 26'06				-565 Apr 13 j 17:27	30° \overline{R} \overline{Y}	
	-568 Nov 03 j 08:08	0° \overline{M}		evening set		-565 Apr 17 j 02:34	28° \overline{Y} 12'20	
desc. node	-568 Nov 23 j 02:29	24° \overline{M} 53'58		inferior conj		-565 Apr 22 j 14:31	24° \overline{Y} 50'27	4°05'01
				minimum elong		-565 Apr 22 j 22:23	24° \overline{Y} 38'02	4°03'02
superior conj	-568 Nov 26 j 11:53	29° \overline{M} 10'11	0°-8'-3	min. Earth dist.		-565 Apr 22 j 20:33	24° \overline{Y} 40'55	0.29031 AU
minimum elong	-568 Nov 26 j 09:41	29° \overline{M} 03'16	0°07'58	morning rise		-565 Apr 28 j 18:24	21° \overline{Y} 06'34	
behind sun begin	-568 Nov 25 j 09:59	27° \overline{M} 48'38		desc. node		-565 May 10 j 21:16	16° \overline{Y} 43'48	
behind sun end	-568 Nov 27 j 09:24	0° $\overline{27}$ '17'54		direct		-565 May 14 j 06:03	16° \overline{Y} 30'24	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

greatest brilliancy	-565 May 27 j 11:46	19°Υ35'21	-4.5m		-563 Dec 06 j 03:23	0°Θ	
	-565 Jun 13 j 08:07	0°Ϡ			-563 Dec 30 j 06:38	0°≈	
morning max el	-565 Jul 02 j 02:46	16°Ϡ21'21	45°48'52		-562 Jan 23 j 16:42	0°Ϡ	
	-565 Jul 15 j 18:29	0°Π		asc. node	-562 Feb 15 j 19:03	27°Ϡ49'05	
	-565 Aug 12 j 05:08	0°Ϡ			-562 Feb 17 j 15:11	0°Υ	
asc. node	-565 Sep 01 j 00:05	23°Ϡ00'39			-562 Mar 15 j 11:51	0°Ϡ	
	-565 Sep 06 j 21:06	0°Ω			-562 Apr 12 j 05:02	0°Π	
	-565 Oct 01 j 14:11	0°Ϡ		evening max el	-562 Apr 22 j 09:34	10°Π05'53	45°16'56
	-565 Oct 25 j 18:44	0°Ϡ			-562 May 16 j 02:30	0°Ϡ	
	-565 Nov 18 j 17:35	0°Ϡ		greatest brilliancy	-562 May 27 j 07:43	6°Ϡ24'43	-4.5m
	-565 Dec 12 j 15:06	0°Ϡ		desc. node	-562 Jun 07 j 09:07	9°Ϡ29'25	
desc. node	-565 Dec 21 j 14:10	11°Ϡ14'36		retrograde	-562 Jun 09 j 19:56	9°Ϡ36'17	
morning set	-564 Jan 02 j 09:28	26°Ϡ02'02		evening set	-562 Jun 25 j 08:21	5°Ϡ02'48	
	-564 Jan 05 j 13:30	0°Θ		inferior conj	-562 Jul 01 j 06:27	1°Ϡ31'43	-5°-13'-56
	-564 Jan 29 j 13:52	0°≈		minimum elong	-562 Jun 30 j 20:52	1°Ϡ46'33	5°11'41
				min. Earth dist.	-562 Jul 01 j 11:11	1°Ϡ24'23	0.28740 AU
superior conj	-564 Feb 12 j 10:16	17°≈14'26	-1°-24'-44		-562 Jul 03 j 17:57	30°ϠΠ	
minimum elong	-564 Feb 12 j 07:59	17°≈07'18	1°24'44	morning rise	-562 Jul 06 j 08:57	28°Π26'32	
max. Earth dist.	-564 Feb 16 j 10:46	22°≈14'16	1.72337 AU	direct	-562 Jul 22 j 20:33	23°Π17'06	
	-564 Feb 22 j 16:50	0°Ϡ		greatest brilliancy	-562 Aug 06 j 08:15	26°Π56'12	-4.5m
	-564 Mar 17 j 23:01	0°Υ			-562 Aug 12 j 00:03	0°Ϡ	
evening rise	-564 Mar 22 j 09:29	5°Υ28'03		morning max el	-562 Sep 10 j 14:01	24°Ϡ33'39	46°23'42
	-564 Apr 11 j 08:54	0°Ϡ			-562 Sep 15 j 23:18	0°Ω	
asc. node	-564 Apr 12 j 16:58	1°Ϡ38'12		asc. node	-562 Sep 28 j 11:55	13°Ω19'28	
	-564 May 05 j 22:48	0°Π			-562 Oct 13 j 07:40	0°Ϡ	
	-564 May 30 j 17:19	0°Ϡ			-562 Nov 07 j 16:50	0°Ϡ	
	-564 Jun 24 j 18:07	0°Ω			-562 Dec 02 j 06:58	0°Ϡ	
	-564 Jul 20 j 04:55	0°Ϡ			-562 Dec 26 j 13:58	0°Ϡ	
desc. node	-564 Aug 02 j 06:47	15°Ϡ07'16		desc. node	-561 Jan 18 j 02:07	27°Ϡ52'29	
	-564 Aug 15 j 09:39	0°Ϡ			-561 Jan 19 j 19:18	0°Θ	
	-564 Sep 12 j 05:38	0°Ϡ			-561 Feb 13 j 01:13	0°≈	
evening max el	-564 Sep 17 j 02:07	4°Ϡ53'35	47°06'13		-561 Mar 09 j 08:25	0°Ϡ	
	-564 Oct 16 j 14:22	0°Ϡ		morning set	-561 Mar 17 j 20:46	10°Ϡ29'41	
greatest brilliancy	-564 Oct 26 j 01:14	5°Ϡ01'42	-4.7m		-561 Apr 02 j 17:04	0°Υ	
retrograde	-564 Nov 06 j 12:20	7°Ϡ28'43					
evening set	-564 Nov 20 j 20:00	3°Ϡ23'38		superior conj	-561 Apr 24 j 03:57	26°Υ22'05	0°-38'-48
asc. node	-564 Nov 23 j 09:22	1°Ϡ57'16		minimum elong	-561 Apr 24 j 11:15	26°Υ44'30	0°38'30
min. Earth dist.	-564 Nov 26 j 14:59	0°Ϡ00'11	0.26376 AU	max. Earth dist.	-561 Apr 24 j 13:44	26°Υ52'10	1.73582 AU
	-564 Nov 26 j 15:06	30°ϠϠ			-561 Apr 27 j 02:55	0°Ϡ	
inferior conj	-564 Nov 27 j 00:55	29°Ϡ44'57	0°56'46	asc. node	-561 May 11 j 04:47	17°Ϡ16'59	
minimum elong	-564 Nov 26 j 22:46	29°Ϡ48'14	0°56'03		-561 May 21 j 13:23	0°Π	
morning rise	-564 Dec 03 j 01:54	26°Ϡ12'48		evening rise	-561 May 30 j 12:04	10°Π58'46	
direct	-564 Dec 17 j 08:00	22°Ϡ10'02			-561 Jun 14 j 23:55	0°Ϡ	
greatest brilliancy	-564 Dec 28 j 17:15	24°Ϡ35'55	-4.7m		-561 Jul 09 j 10:39	0°Ω	
	-563 Jan 07 j 17:48	0°Ϡ			-561 Aug 02 j 22:40	0°Ϡ	
morning max el	-563 Feb 05 j 09:04	24°Ϡ28'34	46°34'52		-561 Aug 27 j 13:46	0°Ϡ	
	-563 Feb 10 j 20:25	0°Θ		desc. node	-561 Aug 30 j 18:54	3°Ϡ53'45	
	-563 Mar 10 j 15:42	0°≈			-561 Sep 21 j 10:24	0°Ϡ	
desc. node	-563 Mar 14 j 23:47	4°≈52'29			-561 Oct 16 j 17:07	0°Ϡ	
	-563 Apr 05 j 22:11	0°Ϡ			-561 Nov 11 j 22:17	0°Θ	
	-563 May 01 j 12:34	0°Υ		evening max el	-561 Nov 29 j 02:47	18°Θ23'42	47°18'02
	-563 May 26 j 17:15	0°Ϡ			-561 Dec 10 j 23:29	0°≈	
	-563 Jun 20 j 14:04	0°Π		asc. node	-561 Dec 21 j 21:17	9°≈23'40	
asc. node	-563 Jul 06 j 02:20	18°Π54'34		greatest brilliancy	-560 Jan 05 j 10:11	18°≈47'58	-4.6m
	-563 Jul 15 j 03:19	0°Ϡ		retrograde	-560 Jan 19 j 04:00	22°≈19'22	
morning set	-563 Aug 03 j 04:09	23°Ϡ30'31		evening set	-560 Feb 05 j 18:50	16°≈14'35	
	-563 Aug 08 j 09:36	0°Ω		min. Earth dist.	-560 Feb 08 j 11:08	14°≈34'24	0.28056 AU
	-563 Sep 01 j 10:35	0°Ϡ		inferior conj	-560 Feb 09 j 05:25	14°≈05'30	8°31'45
max. Earth dist.	-563 Sep 06 j 07:32	6°Ϡ06'16	1.71679 AU	minimum elong	-560 Feb 09 j 02:26	14°≈10'12	8°31'36
				morning rise	-560 Feb 12 j 10:18	12°≈05'30	
superior conj	-563 Sep 09 j 12:04	10°Ϡ06'08	1°21'27	direct	-560 Mar 01 j 02:35	6°≈03'09	
minimum elong	-563 Sep 09 j 17:17	10°Ϡ22'31	1°21'24	greatest brilliancy	-560 Mar 12 j 01:32	8°≈14'36	-4.5m
	-563 Sep 25 j 08:36	0°Ϡ		desc. node	-560 Apr 11 j 11:33	29°≈14'32	
evening rise	-563 Oct 19 j 03:51	29°Ϡ53'52			-560 Apr 12 j 07:42	0°Ϡ	
	-563 Oct 19 j 05:48	0°Ϡ		morning max el	-560 Apr 19 j 03:47	6°Ϡ23'01	45°55'03
desc. node	-563 Oct 25 j 16:44	8°Ϡ06'15			-560 May 12 j 06:33	0°Υ	
	-563 Nov 12 j 03:41	0°Ϡ			-560 Jun 08 j 08:44	0°Ϡ	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-560 Jul 04 j 05:59	0°♈		asc. node	-557 Jan 18 j 09:12	7°♋27'19	
	-560 Jul 29 j 08:57	0°♉		evening max el	-557 Feb 08 j 10:54	29°♋42'04	46°07'53
asc. node	-560 Aug 02 j 14:18	5°♊06'59			-557 Feb 08 j 18:08	0°♌	
	-560 Aug 22 j 22:18	0°♋		greatest brilliancy	-557 Mar 15 j 03:43	27°♌09'05	-4.5m
	-560 Sep 16 j 01:51	0°♌			-557 Mar 22 j 15:53	0°♍	
	-560 Oct 09 j 23:36	0°♍		retrograde	-557 Mar 29 j 21:13	0°♎58'43	
morning set	-560 Oct 13 j 22:48	4°♏59'33			-557 Apr 05 j 20:49	30°♎	
	-560 Nov 02 j 19:06	0°♐		evening set	-557 Apr 14 j 21:30	26°♏00'28	
desc. node	-560 Nov 22 j 04:28	24°♐25'37		inferior conj	-557 Apr 20 j 07:05	22°♏41'39	4°22'01
				minimum elong	-557 Apr 20 j 15:19	22°♏28'39	4°19'59
superior conj	-560 Nov 23 j 21:04	26°♑33'25	0°-4'-2	min. Earth dist.	-557 Apr 20 j 13:00	22°♏32'18	0.29024 AU
minimum elong	-560 Nov 23 j 19:58	26°♑29'58	0°03'59	morning rise	-557 Apr 26 j 09:18	18°♏59'38	
behind sun begin	-560 Nov 22 j 17:49	25°♑07'37		desc. node	-557 May 09 j 23:13	14°♏26'25	
behind sun end	-560 Nov 24 j 22:08	27°♑52'19		direct	-557 May 11 j 22:24	14°♏21'53	
max. Earth dist.	-560 Nov 26 j 02:00	29°♑20'00	1.71037 AU	greatest brilliancy	-557 May 25 j 01:22	17°♏23'35	-4.5m
	-560 Nov 26 j 14:43	0°♒			-557 Jun 13 j 18:01	0°♐	
	-560 Dec 20 j 11:44	0°♓		morning max el	-557 Jun 29 j 17:46	14°♐09'26	45°48'11
evening rise	-559 Jan 04 j 18:15	19°♓07'50			-557 Jul 15 j 12:22	0°♑	
	-559 Jan 13 j 11:06	0°♑			-557 Aug 11 j 19:19	0°♒	
	-559 Feb 06 j 14:10	0°♒		asc. node	-557 Aug 31 j 02:09	22°♒28'29	
	-559 Mar 02 j 22:59	0°♓			-557 Sep 06 j 09:44	0°♋	
asc. node	-559 Mar 15 j 07:07	15°♓02'22			-557 Oct 01 j 02:05	0°♌	
	-559 Mar 27 j 16:02	0°♔			-557 Oct 25 j 06:13	0°♍	
	-559 Apr 21 j 20:34	0°♕			-557 Nov 18 j 04:50	0°♎	
	-559 May 17 j 18:28	0°♖			-557 Dec 12 j 02:11	0°♏	
	-559 Jun 14 j 00:16	0°♗		desc. node	-557 Dec 20 j 16:18	10°♐46'37	
evening max el	-559 Jul 03 j 01:39	19°♗18'28	45°47'37	morning set	-557 Dec 30 j 19:32	23°♐28'54	
desc. node	-559 Jul 04 j 21:04	21°♗01'41			-556 Jan 05 j 00:28	0°♑	
	-559 Jul 14 j 19:45	0°♒			-556 Jan 29 j 00:45	0°♒	
greatest brilliancy	-559 Aug 10 j 10:10	17°♒20'57	-4.6m				
retrograde	-559 Aug 21 j 03:41	19°♒24'38		superior conj	-556 Feb 09 j 23:06	14°♓51'22	-1°-24'-17
evening set	-559 Sep 07 j 20:57	13°♒32'48		minimum elong	-556 Feb 09 j 19:51	14°♓41'17	1°24'17
inferior conj	-559 Sep 11 j 00:38	11°♒38'54	-8°-30'-30	max. Earth dist.	-556 Feb 14 j 02:04	19°♓58'57	1.72281 AU
minimum elong	-559 Sep 11 j 06:38	11°♒29'46	8°29'59		-556 Feb 22 j 03:40	0°♔	
min. Earth dist.	-559 Sep 11 j 18:40	11°♒11'27	0.27437 AU		-556 Mar 17 j 09:50	0°♕	
morning rise	-559 Sep 14 j 16:07	9°♒27'27		evening rise	-556 Mar 20 j 00:42	3°♕13'44	
direct	-559 Oct 01 j 23:35	3°♒45'29			-556 Apr 10 j 19:48	0°♖	
greatest brilliancy	-559 Oct 15 j 19:19	7°♒16'30	-4.7m	asc. node	-556 Apr 11 j 18:56	1°♖10'49	
asc. node	-559 Oct 25 j 23:35	13°♒23'16			-556 May 05 j 09:55	0°♗	
	-559 Nov 14 j 10:42	0°♘			-556 May 30 j 04:54	0°♗	
morning max el	-559 Nov 21 j 19:43	7°♘20'48	46°55'01		-556 Jun 24 j 06:29	0°♘	
	-559 Dec 12 j 19:15	0°♙			-556 Jul 19 j 18:37	0°♙	
	-558 Jan 07 j 18:24	0°♚		desc. node	-556 Aug 01 j 08:56	14°♙31'28	
	-558 Feb 01 j 22:51	0°♛			-556 Aug 15 j 01:49	0°♘	
desc. node	-558 Feb 14 j 14:03	15°♛12'15			-556 Sep 12 j 03:48	0°♙	
	-558 Feb 26 j 20:07	0°♜		evening max el	-556 Sep 14 j 14:31	2°♙26'43	47°04'06
	-558 Mar 23 j 14:17	0°♝			-556 Oct 18 j 06:41	0°♚	
	-558 Apr 17 j 06:45	0°♞		greatest brilliancy	-556 Oct 23 j 16:35	2°♚35'29	-4.7m
	-558 May 11 j 21:34	0°♟		retrograde	-556 Nov 04 j 00:10	4°♚59'20	
morning set	-558 May 25 j 03:16	16°♟10'48		evening set	-556 Nov 18 j 08:42	0°♚54'10	
	-558 Jun 05 j 09:59	0°♠			-556 Nov 19 j 23:56	30°♚	
asc. node	-558 Jun 07 j 16:35	2°♠47'31		asc. node	-556 Nov 22 j 11:24	28°♙32'32	
max. Earth dist.	-558 Jun 27 j 01:43	26°♠38'13	1.73260 AU	min. Earth dist.	-556 Nov 24 j 05:13	27°♙28'53	0.26356 AU
	-558 Jun 29 j 19:09	0°♑		inferior conj	-556 Nov 24 j 13:14	27°♙16'36	0°32'21
				minimum elong	-556 Nov 24 j 12:00	27°♙18'28	0°31'57
superior conj	-558 Jun 30 j 07:59	0°♒39'36	0°50'08	morning rise	-556 Nov 30 j 15:31	23°♙42'39	
minimum elong	-558 Jun 29 j 23:46	0°♒14'16	0°49'48	direct	-556 Dec 14 j 19:36	19°♙41'42	
	-558 Jul 24 j 01:00	0°♓		greatest brilliancy	-556 Dec 26 j 08:29	22°♙10'55	-4.7m
evening rise	-558 Aug 05 j 07:09	15°♓12'51			-555 Jan 08 j 19:57	0°♚	
	-558 Aug 17 j 04:36	0°♔		morning max el	-555 Feb 02 j 21:29	22°♚02'46	46°36'18
	-558 Sep 10 j 07:34	0°♕			-555 Feb 10 j 17:10	0°♛	
desc. node	-558 Sep 27 j 06:51	21°♕04'50			-555 Mar 10 j 07:14	0°♜	
	-558 Oct 04 j 11:24	0°♖		desc. node	-555 Mar 14 j 01:54	4°♜15'50	
	-558 Oct 28 j 17:24	0°♗			-555 Apr 05 j 11:34	0°♝	
	-558 Nov 22 j 03:45	0°♘			-555 May 01 j 00:48	0°♞	
	-558 Dec 16 j 23:41	0°♙			-555 May 26 j 04:48	0°♟	
	-557 Jan 11 j 17:26	0°♚			-555 Jun 20 j 01:12	0°♠	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 70

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-555 Jul 05 j 04:31	18° II 27'37		greatest brilliancy	-552 Jan 03 j 02:19	16° \approx 29'01	-4.6m
	-555 Jul 14 j 14:13	0° ☿		retrograde	-552 Jan 16 j 20:00	19° \approx 59'54	
morning set	-555 Jul 31 j 20:38	21° ☿ 19'08		evening set	-552 Feb 03 j 07:47	13° \approx 58'30	
	-555 Aug 07 j 20:27	0° Ω		min. Earth dist.	-552 Feb 06 j 00:41	12° \approx 17'34	0.27989 AU
	-555 Aug 31 j 21:29	0° ♊		inferior conj	-552 Feb 06 j 20:19	11° \approx 46'34	8°28'40
max. Earth dist.	-555 Sep 03 j 21:50	3° ♊ 46'31	1.71734 AU	minimum elong	-552 Feb 06 j 16:36	11° \approx 52'27	8°28'28
				morning rise	-552 Feb 10 j 01:41	9° \approx 46'08	
superior conj	-555 Sep 07 j 02:39	7° ♊ 47'11	1°22'19	direct	-552 Feb 27 j 17:15	3° \approx 45'26	
minimum elong	-555 Sep 07 j 07:07	8° ♊ 01'13	1°22'17	greatest brilliancy	-552 Mar 09 j 13:40	5° \approx 55'16	-4.5m
	-555 Sep 24 j 19:36	0° ♋		desc. node	-552 Apr 10 j 13:30	28° \approx 19'21	
evening rise	-555 Oct 16 j 14:45	27° ♋ 22'32			-552 Apr 12 j 09:15	0° ♌	
	-555 Oct 18 j 16:55	0° ♌		morning max el	-552 Apr 16 j 19:30	4° ♌ 10'49	45°56'06
desc. node	-555 Oct 24 j 18:42	7° ♌ 37'23			-552 May 11 j 23:10	0° ♍	
	-555 Nov 11 j 14:56	0° ♎			-552 Jun 07 j 22:29	0° ♎	
	-555 Dec 05 j 14:47	0° ♏			-552 Jul 03 j 18:26	0° ♐	
	-555 Dec 29 j 18:15	0° \approx			-552 Jul 28 j 20:44	0° ☿	
	-554 Jan 23 j 04:42	0° ♑		asc. node	-552 Aug 01 j 16:21	4° ☿ 37'38	
asc. node	-554 Feb 14 j 21:09	27° ♑ 17'35			-552 Aug 22 j 09:44	0° Ω	
	-554 Feb 17 j 04:00	0° ♒		greatest brilliancy	-552 Sep 05 j 03:32	17° Ω 01'50	-3.9m
	-554 Mar 15 j 02:24	0° ♓			-552 Sep 15 j 13:07	0° ♊	
	-554 Apr 12 j 00:15	0° ♐			-552 Oct 09 j 10:48	0° ♋	
evening max el	-554 Apr 20 j 00:56	7° ♐ 54'27	45°17'22	morning set	-552 Oct 11 j 11:15	2° ♋ 32'24	
	-554 May 17 j 01:49	0° ☿			-552 Nov 02 j 06:18	0° ♌	
greatest brilliancy	-554 May 24 j 20:01	4° ☿ 10'43	-4.5m				
desc. node	-554 Jun 06 j 11:17	7° ☿ 25'08		superior conj	-552 Nov 21 j 06:18	23° ♌ 56'02	0°00'02
retrograde	-554 Jun 07 j 12:04	7° ☿ 26'22		minimum elong	-552 Nov 21 j 06:17	23° ♌ 56'00	0°00'01
evening set	-554 Jun 22 j 22:03	2° ☿ 55'01		behind sun begin	-552 Nov 20 j 07:16	22° ♌ 43'30	
	-554 Jun 27 j 21:01	30° ♒		behind sun end	-552 Nov 22 j 05:19	25° ♌ 08'31	
inferior conj	-554 Jun 28 j 22:16	29° ♐ 21'01	-4°-57'-26	desc. node	-552 Nov 21 j 06:35	23° ♌ 56'56	
minimum elong	-554 Jun 28 j 12:58	29° ♐ 35'24	4°55'11	max. Earth dist.	-552 Nov 23 j 10:01	26° ♌ 38'50	1.71024 AU
min. Earth dist.	-554 Jun 29 j 02:43	29° ♐ 14'08	0.28767 AU		-552 Nov 26 j 01:57	0° ♎	
morning rise	-554 Jul 04 j 03:30	26° ♐ 12'11			-552 Dec 19 j 23:00	0° ♏	
direct	-554 Jul 20 j 12:44	21° ♐ 05'49		evening rise	-551 Jan 02 j 04:26	16° ♏ 34'16	
greatest brilliancy	-554 Aug 04 j 01:25	24° ♐ 46'20	-4.5m		-551 Jan 12 j 22:23	0° \approx	
	-554 Aug 13 j 02:26	0° ☿			-551 Feb 06 j 01:31	0° ♑	
morning max el	-554 Sep 08 j 05:51	22° ☿ 19'29	46°22'11		-551 Mar 02 j 10:30	0° ♒	
	-554 Sep 15 j 19:18	0° Ω		asc. node	-551 Mar 14 j 09:06	14° ♒ 33'02	
asc. node	-554 Sep 27 j 13:57	12° Ω 37'39			-551 Mar 27 j 03:57	0° ♓	
	-554 Oct 12 j 22:56	0° ♊			-551 Apr 21 j 09:16	0° ♐	
	-554 Nov 07 j 06:17	0° ♋			-551 May 17 j 08:46	0° ☿	
	-554 Dec 01 j 19:31	0° ♌			-551 Jun 13 j 18:18	0° Ω	
	-554 Dec 26 j 01:57	0° ♍		evening max el	-551 Jun 30 j 15:57	17° Ω 01'28	45°45'10
desc. node	-553 Jan 17 j 04:15	27° ♍ 23'04		desc. node	-551 Jul 03 j 23:11	20° Ω 08'37	
	-553 Jan 19 j 06:53	0° ♏			-551 Jul 15 j 03:37	0° ♊	
	-553 Feb 12 j 12:28	0° \approx		greatest brilliancy	-551 Aug 07 j 22:19	14° ♊ 58'58	-4.5m
	-553 Mar 08 j 19:25	0° ♑		retrograde	-551 Aug 18 j 16:15	17° ♊ 02'41	
morning set	-553 Mar 15 j 12:27	8° ♑ 16'24		evening set	-551 Sep 05 j 11:54	11° ♊ 08'25	
	-553 Apr 02 j 03:54	0° ♒		inferior conj	-551 Sep 08 j 14:03	9° ♊ 16'29	-8°-36'-3
				minimum elong	-551 Sep 08 j 19:15	9° ♊ 08'33	8°35'40
superior conj	-553 Apr 21 j 21:44	24° ♒ 16'14	0°-41'-36	min. Earth dist.	-551 Sep 09 j 07:46	8° ♊ 49'26	0.27500 AU
minimum elong	-553 Apr 22 j 05:27	24° ♒ 39'55	0°41'17	morning rise	-551 Sep 12 j 02:24	7° ♊ 09'17	
max. Earth dist.	-553 Apr 22 j 11:34	24° ♒ 58'43	1.73567 AU	direct	-551 Sep 29 j 13:45	1° ♊ 22'18	
	-553 Apr 26 j 13:41	0° ♓		greatest brilliancy	-551 Oct 13 j 09:44	4° ♊ 52'50	-4.6m
asc. node	-553 May 10 j 06:50	16° ♓ 50'11		asc. node	-551 Oct 25 j 01:37	12° ♊ 04'02	
	-553 May 21 j 00:12	0° ♐			-551 Nov 14 j 12:09	0° ♋	
evening rise	-553 May 28 j 07:21	8° ♐ 57'24		morning max el	-551 Nov 19 j 08:48	4° ♋ 53'20	46°54'36
	-553 Jun 14 j 10:54	0° ☿			-551 Dec 12 j 12:38	0° ♌	
	-553 Jul 08 j 21:55	0° Ω			-550 Jan 07 j 09:01	0° ♍	
	-553 Aug 02 j 10:22	0° ♊			-550 Feb 01 j 12:03	0° ♎	
	-553 Aug 27 j 02:07	0° ♋		desc. node	-550 Feb 13 j 16:03	14° ♎ 39'49	
desc. node	-553 Aug 29 j 20:55	3° ♋ 22'11			-550 Feb 26 j 08:27	0° \approx	
	-553 Sep 20 j 23:44	0° ♌			-550 Mar 23 j 02:03	0° ♑	
	-553 Oct 16 j 08:03	0° ♍			-550 Apr 16 j 18:07	0° ♒	
	-553 Nov 11 j 16:27	0° ♏			-550 May 11 j 08:40	0° ♓	
evening max el	-553 Nov 26 j 18:38	16° ♏ 04'35	47°19'28	morning set	-550 May 22 j 22:02	14° ♓ 07'48	
	-553 Dec 11 j 04:28	0° \approx			-550 Jun 04 j 20:54	0° ♐	
asc. node	-553 Dec 20 j 23:30	8° \approx 11'01		asc. node	-550 Jun 06 j 18:48	2° ♐ 20'48	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 71

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-550 Jun 24 j 21:06	24° II 36'29	1.73299 AU	transit middle	-548 Nov 22 j 01:02	24° M 46'56	0°07'31
				transit begin	-548 Nov 21 j 21:24	24° M 52'29	
superior conj	-550 Jun 28 j 02:46	28° II 35'55	0°47'36	transit end	-548 Nov 22 j 04:40	24° M 41'23	
minimum elong	-550 Jun 27 j 18:47	28° II 11'17	0°47'17	min. Earth dist.	-548 Nov 21 j 19:06	24° M 56'00	0.26348 AU
	-550 Jun 29 j 06:02	0° S		morning rise	-548 Nov 28 j 04:46	21° M 11'14	
	-550 Jul 23 j 12:00	0° Q		direct	-548 Dec 12 j 07:18	17° M 11'19	
evening rise	-550 Aug 03 j 00:40	13° Q 03'45		greatest brilliancy	-548 Dec 23 j 23:56	19° M 44'30	-4.7m
	-550 Aug 16 j 15:48	0° M			-547 Jan 09 j 15:55	0° X	
	-550 Sep 09 j 19:04	0° A		morning max el	-547 Jan 31 j 10:42	19° X 37'26	46°37'47
desc. node	-550 Sep 26 j 08:50	20° A 34'40			-547 Feb 10 j 13:46	0° S	
	-550 Oct 03 j 23:15	0° M			-547 Mar 09 j 22:56	0° \approx	
	-550 Oct 28 j 05:40	0° X		desc. node	-547 Mar 13 j 03:56	3° \approx 38'12	
	-550 Nov 21 j 16:37	0° S			-547 Apr 05 j 01:08	0° X	
	-550 Dec 16 j 13:36	0° \approx			-547 Apr 30 j 13:12	0° Y	
	-549 Jan 11 j 09:31	0° X			-547 May 25 j 16:31	0° X	
asc. node	-549 Jan 17 j 11:15	6° X 46'10			-547 Jun 19 j 12:29	0° II	
evening max el	-549 Feb 06 j 01:23	27° X 24'23	46°10'30	asc. node	-547 Jul 04 j 06:34	17° II 59'44	
	-549 Feb 08 j 16:37	0° Y			-547 Jul 14 j 01:18	0° S	
greatest brilliancy	-549 Mar 12 j 21:29	25° Y 00'33	-4.5m	morning set	-547 Jul 29 j 13:38	19° S 09'02	
retrograde	-549 Mar 27 j 13:31	28° Y 49'22			-547 Aug 07 j 07:26	0° Q	
evening set	-549 Apr 12 j 16:37	23° Y 47'40			-547 Aug 31 j 08:29	0° M	
inferior conj	-549 Apr 17 j 23:47	20° Y 32'15	4°38'39	max. Earth dist.	-547 Sep 01 j 13:40	1° M 31'20	1.71784 AU
minimum elong	-549 Apr 18 j 08:20	20° Y 18'43	4°36'35				
min. Earth dist.	-549 Apr 18 j 05:46	20° Y 22'46	0.29013 AU	superior conj	-547 Sep 04 j 17:52	5° M 30'00	1°23'03
morning rise	-549 Apr 24 j 00:10	16° Y 52'23		minimum elong	-547 Sep 04 j 21:34	5° M 41'35	1°23'00
desc. node	-549 May 09 j 01:23	12° Y 13'01			-547 Sep 24 j 06:40	0° A	
direct	-549 May 09 j 14:20	12° Y 12'41		evening rise	-547 Oct 14 j 02:15	24° A 52'53	
greatest brilliancy	-549 May 22 j 15:58	15° Y 12'20	-4.5m		-547 Oct 18 j 04:08	0° M	
	-549 Jun 14 j 01:31	0° X		desc. node	-547 Oct 23 j 20:52	7° M 08'52	
morning max el	-549 Jun 27 j 08:41	11° X 56'41	45°47'45		-547 Nov 11 j 02:20	0° X	
	-549 Jul 15 j 06:03	0° II			-547 Dec 05 j 02:24	0° S	
	-549 Aug 11 j 09:32	0° S			-547 Dec 29 j 06:08	0° \approx	
asc. node	-549 Aug 30 j 04:12	21° S 55'44			-546 Jan 22 j 17:01	0° X	
	-549 Sep 05 j 22:32	0° Q		asc. node	-546 Feb 13 j 23:09	26° X 44'49	
	-549 Sep 30 j 14:13	0° M			-546 Feb 16 j 17:09	0° Y	
	-549 Oct 24 j 18:02	0° A			-546 Mar 14 j 17:26	0° X	
	-549 Nov 17 j 16:27	0° M			-546 Apr 11 j 20:19	0° II	
	-549 Dec 11 j 13:39	0° X		evening max el	-546 Apr 17 j 17:00	5° II 44'09	45°18'02
desc. node	-549 Dec 19 j 18:29	10° X 17'35			-546 May 18 j 10:48	0° S	
morning set	-549 Dec 28 j 05:06	20° X 52'53		greatest brilliancy	-546 May 22 j 09:01	1° S 57'15	-4.5m
	-548 Jan 04 j 11:49	0° S		retrograde	-546 Jun 05 j 04:22	5° S 15'58	
	-548 Jan 28 j 11:59	0° \approx		desc. node	-546 Jun 05 j 13:25	5° S 15'48	
				evening set	-546 Jun 20 j 11:58	0° S 46'50	
superior conj	-548 Feb 07 j 11:30	12° \approx 25'56	-1°-23'-40		-546 Jun 21 j 21:22	30° R II	
minimum elong	-548 Feb 07 j 07:20	12° \approx 12'56	1°23'40	inferior conj	-546 Jun 26 j 14:05	27° II 09'55	-4°-40'-30
max. Earth dist.	-548 Feb 11 j 15:13	17° \approx 35'58	1.72221 AU	minimum elong	-546 Jun 26 j 05:06	27° II 23'48	4°38'17
	-548 Feb 21 j 14:49	0° X		min. Earth dist.	-546 Jun 26 j 18:05	27° II 03'43	0.28787 AU
	-548 Mar 16 j 20:58	0° Y		morning rise	-546 Jul 01 j 21:56	23° II 57'32	
evening rise	-548 Mar 17 j 15:42	0° Y 57'42		direct	-546 Jul 18 j 05:16	18° II 54'25	
	-548 Apr 10 j 07:00	0° X		greatest brilliancy	-546 Aug 01 j 17:31	22° II 35'00	-4.5m
asc. node	-548 Apr 10 j 21:03	0° X 43'00			-546 Aug 13 j 21:52	0° S	
	-548 May 04 j 21:21	0° II		morning max el	-546 Sep 05 j 22:01	20° S 06'18	46°20'49
	-548 May 29 j 16:46	0° S			-546 Sep 15 j 14:42	0° Q	
	-548 Jun 23 j 19:07	0° Q		asc. node	-546 Sep 26 j 16:01	11° Q 56'27	
	-548 Jul 19 j 08:36	0° M			-546 Oct 12 j 13:58	0° M	
desc. node	-548 Jul 31 j 10:58	13° M 54'32			-546 Nov 06 j 19:35	0° A	
	-548 Aug 14 j 18:26	0° A			-546 Dec 01 j 07:57	0° M	
evening max el	-548 Sep 12 j 02:31	29° A 58'32	47°01'45		-546 Dec 25 j 13:54	0° X	
	-548 Sep 12 j 03:07	0° M		desc. node	-545 Jan 16 j 06:14	26° X 53'08	
	-548 Oct 21 j 00:06	0° X			-545 Jan 18 j 18:31	0° S	
greatest brilliancy	-548 Oct 21 j 06:47	0° X 06'46	-4.7m		-545 Feb 11 j 23:50	0° \approx	
retrograde	-548 Nov 01 j 12:03	2° X 28'38			-545 Mar 08 j 06:33	0° X	
	-548 Nov 12 j 13:19	30° R M		morning set	-545 Mar 13 j 03:28	6° X 00'34	
evening set	-548 Nov 15 j 21:22	28° M 22'36			-545 Apr 01 j 14:51	0° Y	
asc. node	-548 Nov 21 j 13:37	25° M 04'22					
inferior conj	-548 Nov 22 j 01:20	24° M 46'30	0°07'37	superior conj	-545 Apr 19 j 14:55	22° Y 08'07	0°-44'-24
minimum elong	-548 Nov 22 j 01:02	24° M 46'56	0°07'31	minimum elong	-545 Apr 19 j 23:00	22° Y 32'58	0°44'04

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

max. Earth dist.	-545 Apr 20 j 09:53	23° Υ 06'25	1.73545 AU		-543 Sep 20 j 02:23	30° $\mathcal{R}\mathcal{L}$	
	-545 Apr 26 j 00:33	0° \mathcal{B}		direct	-543 Sep 27 j 03:25	28° \mathcal{L} 59'47	
asc. node	-545 May 09 j 09:00	16° \mathcal{B} 23'30			-543 Oct 04 j 09:04	0° \mathcal{M}	
	-545 May 20 j 11:06	0° \mathcal{I}		greatest brilliancy	-543 Oct 11 j 00:51	2° \mathcal{M} 30'54	-4.6m
evening rise	-545 May 26 j 02:14	6° \mathcal{I} 54'38		asc. node	-543 Oct 24 j 03:50	10° \mathcal{M} 48'13	
	-545 Jun 13 j 21:57	0° \mathcal{S}			-543 Nov 14 j 12:06	0° \mathcal{L}	
	-545 Jul 08 j 09:14	0° \mathcal{L}		morning max el	-543 Nov 16 j 21:31	2° \mathcal{L} 25'38	46°54'19
	-545 Aug 01 j 22:07	0° \mathcal{M}			-543 Dec 12 j 05:21	0° \mathcal{M}	
	-545 Aug 26 j 14:30	0° \mathcal{L}			-542 Jan 06 j 23:06	0° \mathcal{J}	
desc. node	-545 Aug 28 j 22:57	2° \mathcal{L} 50'41			-542 Feb 01 j 00:47	0° \mathcal{S}	
	-545 Sep 20 j 13:04	0° \mathcal{M}		desc. node	-542 Feb 12 j 18:08	14° \mathcal{S} 08'55	
	-545 Oct 15 j 22:59	0° \mathcal{J}			-542 Feb 25 j 20:21	0° \mathcal{M}	
	-545 Nov 11 j 10:48	0° \mathcal{S}			-542 Mar 22 j 13:25	0° \mathcal{K}	
evening max el	-545 Nov 24 j 10:42	13° \mathcal{S} 46'34	47°20'41		-542 Apr 16 j 05:08	0° \mathcal{Y}	
	-545 Dec 11 j 11:15	0° \mathcal{M}			-542 May 10 j 19:27	0° \mathcal{B}	
asc. node	-545 Dec 20 j 01:27	6° \mathcal{M} 56'14		morning set	-542 May 20 j 16:31	12° \mathcal{B} 04'42	
greatest brilliancy	-545 Dec 31 j 19:07	14° \mathcal{M} 11'18	-4.7m		-542 Jun 04 j 07:34	0° \mathcal{I}	
retrograde	-544 Jan 14 j 11:47	17° \mathcal{M} 40'20		asc. node	-542 Jun 05 j 20:48	1° \mathcal{I} 54'14	
evening set	-544 Jan 31 j 20:24	11° \mathcal{M} 43'04		max. Earth dist.	-542 Jun 22 j 16:15	22° \mathcal{I} 34'50	1.73338 AU
min. Earth dist.	-544 Feb 03 j 14:16	10° \mathcal{M} 00'37	0.27926 AU				
inferior conj	-544 Feb 04 j 11:10	9° \mathcal{M} 27'38	8°24'40	superior conj	-542 Jun 25 j 21:17	26° \mathcal{I} 32'11	0°44'59
minimum elong	-544 Feb 04 j 06:43	9° \mathcal{M} 34'40	8°24'22	minimum elong	-542 Jun 25 j 13:34	26° \mathcal{I} 08'23	0°44'41
morning rise	-544 Feb 07 j 17:22	7° \mathcal{M} 26'04			-542 Jun 28 j 16:41	0° \mathcal{S}	
direct	-544 Feb 25 j 08:03	1° \mathcal{M} 27'50			-542 Jul 22 j 22:44	0° \mathcal{L}	
greatest brilliancy	-544 Mar 07 j 01:28	3° \mathcal{M} 35'20	-4.5m	evening rise	-542 Jul 31 j 18:02	10° \mathcal{L} 55'09	
desc. node	-544 Apr 09 j 15:41	27° \mathcal{M} 25'41			-542 Aug 16 j 02:44	0° \mathcal{M}	
	-544 Apr 12 j 09:36	0° \mathcal{K}			-542 Sep 09 j 06:17	0° \mathcal{L}	
morning max el	-544 Apr 14 j 10:39	1° \mathcal{K} 56'59	45°57'00	desc. node	-542 Sep 25 j 11:00	20° \mathcal{L} 05'56	
	-544 May 11 j 15:31	0° \mathcal{Y}			-542 Oct 03 j 10:48	0° \mathcal{M}	
	-544 Jun 07 j 12:07	0° \mathcal{B}			-542 Oct 27 j 17:39	0° \mathcal{J}	
	-544 Jul 03 j 06:46	0° \mathcal{I}			-542 Nov 21 j 05:13	0° \mathcal{S}	
	-544 Jul 28 j 08:23	0° \mathcal{S}			-542 Dec 16 j 03:14	0° \mathcal{M}	
asc. node	-544 Jul 31 j 18:21	4° \mathcal{S} 08'36			-541 Jan 11 j 01:24	0° \mathcal{K}	
	-544 Aug 21 j 21:00	0° \mathcal{L}		asc. node	-541 Jan 16 j 13:19	6° \mathcal{K} 05'56	
greatest brilliancy	-544 Sep 09 j 23:42	23° \mathcal{L} 43'44	-3.9m	evening max el	-541 Feb 03 j 15:22	25° \mathcal{K} 06'50	46°13'16
	-544 Sep 15 j 00:13	0° \mathcal{M}			-541 Feb 08 j 15:26	0° \mathcal{Y}	
morning set	-544 Oct 08 j 23:54	0° \mathcal{L} 06'28		greatest brilliancy	-541 Mar 10 j 14:00	22° \mathcal{Y} 51'49	-4.5m
	-544 Oct 08 j 21:51	0° \mathcal{L}		retrograde	-541 Mar 25 j 06:03	26° \mathcal{Y} 41'45	
	-544 Nov 01 j 17:20	0° \mathcal{M}		evening set	-541 Apr 10 j 11:48	21° \mathcal{Y} 36'09	
				inferior conj	-541 Apr 15 j 16:35	18° \mathcal{Y} 24'20	4°54'41
superior conj	-544 Nov 18 j 16:00	21° \mathcal{M} 20'50	0°04'04	minimum elong	-541 Apr 16 j 01:23	18° \mathcal{Y} 10'23	4°52'37
minimum elong	-544 Nov 18 j 17:05	21° \mathcal{M} 24'14	0°03'59	min. Earth dist.	-541 Apr 15 j 22:33	18° \mathcal{Y} 14'53	0.29008 AU
behind sun begin	-544 Nov 17 j 15:01	20° \mathcal{M} 02'11		morning rise	-541 Apr 21 j 15:03	14° \mathcal{Y} 46'58	
behind sun end	-544 Nov 19 j 19:08	22° \mathcal{M} 46'16		direct	-541 May 07 j 06:09	10° \mathcal{Y} 04'42	
desc. node	-544 Nov 20 j 08:43	23° \mathcal{M} 29'01		desc. node	-541 May 08 j 03:30	10° \mathcal{Y} 05'37	
max. Earth dist.	-544 Nov 20 j 16:02	23° \mathcal{M} 52'02	1.71006 AU	greatest brilliancy	-541 May 20 j 07:34	13° \mathcal{Y} 03'35	-4.5m
	-544 Nov 25 j 12:58	0° \mathcal{J}			-541 Jun 14 j 06:21	0° \mathcal{B}	
	-544 Dec 19 j 10:00	0° \mathcal{S}		morning max el	-541 Jun 25 j 00:25	9° \mathcal{B} 46'52	45°47'14
evening rise	-544 Dec 30 j 14:51	14° \mathcal{S} 02'15			-541 Jul 14 j 23:03	0° \mathcal{I}	
	-543 Jan 12 j 09:23	0° \mathcal{M}			-541 Aug 10 j 23:21	0° \mathcal{S}	
	-543 Feb 05 j 12:38	0° \mathcal{K}		asc. node	-541 Aug 29 j 06:21	21° \mathcal{S} 24'15	
	-543 Mar 01 j 21:51	0° \mathcal{Y}			-541 Sep 05 j 10:59	0° \mathcal{L}	
asc. node	-543 Mar 13 j 11:12	14° \mathcal{Y} 04'30			-541 Sep 30 j 02:01	0° \mathcal{M}	
	-543 Mar 26 j 15:44	0° \mathcal{B}			-541 Oct 24 j 05:28	0° \mathcal{L}	
	-543 Apr 20 j 21:55	0° \mathcal{I}			-541 Nov 17 j 03:41	0° \mathcal{M}	
	-543 May 16 j 23:07	0° \mathcal{S}			-541 Dec 11 j 00:44	0° \mathcal{J}	
	-543 Jun 13 j 12:39	0° \mathcal{L}		desc. node	-541 Dec 18 j 20:24	9° \mathcal{J} 48'54	
evening max el	-543 Jun 28 j 05:17	14° \mathcal{L} 42'36	45°42'53	morning set	-541 Dec 25 j 14:38	18° \mathcal{J} 17'43	
desc. node	-543 Jul 03 j 01:11	19° \mathcal{L} 14'38			-540 Jan 03 j 22:47	0° \mathcal{S}	
	-543 Jul 15 j 14:02	0° \mathcal{M}			-540 Jan 27 j 22:51	0° \mathcal{M}	
greatest brilliancy	-543 Aug 05 j 10:54	12° \mathcal{M} 38'06	-4.5m				
retrograde	-543 Aug 16 j 04:30	14° \mathcal{M} 41'38		superior conj	-540 Feb 04 j 23:55	10° \mathcal{M} 01'33	-1°-22'-54
evening set	-543 Sep 03 j 02:28	8° \mathcal{M} 45'20		minimum elong	-540 Feb 04 j 18:50	9° \mathcal{M} 45'44	1°22'52
inferior conj	-543 Sep 06 j 03:27	6° \mathcal{M} 55'01	-8°-40'-38	max. Earth dist.	-540 Feb 09 j 01:57	15° \mathcal{M} 06'33	1.72159 AU
minimum elong	-543 Sep 06 j 07:49	6° \mathcal{M} 48'20	8°40'22		-540 Feb 21 j 01:35	0° \mathcal{K}	
min. Earth dist.	-543 Sep 06 j 21:11	6° \mathcal{M} 27'54	0.27560 AU	evening rise	-540 Mar 15 j 06:49	28° \mathcal{K} 43'19	
morning rise	-543 Sep 09 j 12:57	4° \mathcal{M} 51'41			-540 Mar 16 j 07:41	0° \mathcal{Y}	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-540 Apr 09 j 23:13	0°♄16'36			-538 Oct 12 j 04:41	0°♍	
	-540 Apr 09 j 17:47	0°♄			-538 Nov 06 j 08:44	0°♌	
	-540 May 04 j 08:24	0°♊			-538 Nov 30 j 20:17	0°♍	
	-540 May 29 j 04:18	0°♌			-538 Dec 25 j 01:44	0°♎	
	-540 Jun 23 j 07:31	0°♍		desc. node	-537 Jan 15 j 08:22	26°♎24'05	
	-540 Jul 18 j 22:28	0°♍			-537 Jan 18 j 05:58	0°♎	
desc. node	-540 Jul 30 j 13:01	13°♍18'08			-537 Feb 11 j 10:59	0°♏	
	-540 Aug 14 j 11:05	0°♌			-537 Mar 07 j 17:28	0°♏	
evening max el	-540 Sep 09 j 15:21	27°♌33'24	46°59'32	morning set	-537 Mar 10 j 18:28	3°♏45'09	
	-540 Sep 12 j 03:10	0°♌			-537 Apr 01 j 01:37	0°♐	
greatest brilliancy	-540 Oct 18 j 20:07	27°♌38'03	-4.7m				
retrograde	-540 Oct 30 j 00:27	29°♌58'57		superior conj	-537 Apr 17 j 08:15	20°♐00'57	0°-47'-7
evening set	-540 Nov 13 j 10:15	25°♌51'39		minimum elong	-537 Apr 17 j 16:41	20°♐26'52	0°46'48
inferior conj	-540 Nov 19 j 13:22	22°♌17'10	0°-17'-3	max. Earth dist.	-537 Apr 18 j 08:31	21°♐15'31	1.73518 AU
minimum elong	-540 Nov 19 j 14:01	22°♌16'11	0°16'52		-537 Apr 25 j 11:15	0°♄	
min. Earth dist.	-540 Nov 19 j 08:36	22°♌24'25	0.26342 AU	asc. node	-537 May 08 j 11:01	15°♄56'53	
asc. node	-540 Nov 20 j 15:37	21°♌37'16			-537 May 19 j 21:49	0°♊	
morning rise	-540 Nov 25 j 17:49	18°♌41'07		evening rise	-537 May 23 j 21:22	4°♊53'07	
direct	-540 Dec 09 j 19:29	14°♌41'51			-537 Jun 13 j 08:48	0°♌	
greatest brilliancy	-540 Dec 21 j 14:31	17°♌18'08	-4.7m		-537 Jul 07 j 20:22	0°♍	
	-539 Jan 10 j 06:23	0°♎			-537 Aug 01 j 09:44	0°♍	
morning max el	-539 Jan 29 j 00:58	17°♎15'46	46°39'13		-537 Aug 26 j 02:50	0°♌	
	-539 Feb 10 j 09:19	0°♎		desc. node	-537 Aug 28 j 01:08	2°♌19'49	
	-539 Mar 09 j 14:00	0°♏			-537 Sep 20 j 02:28	0°♌	
desc. node	-539 Mar 12 j 06:03	3°♏02'11			-537 Oct 15 j 14:10	0°♎	
	-539 Apr 04 j 14:12	0°♏			-537 Nov 11 j 05:44	0°♎	
	-539 Apr 30 j 01:10	0°♐		evening max el	-537 Nov 22 j 02:29	11°♎27'17	47°21'44
	-539 May 25 j 03:48	0°♄			-537 Dec 11 j 20:48	0°♏	
	-539 Jun 18 j 23:25	0°♊		asc. node	-537 Dec 19 j 03:33	5°♏38'49	
asc. node	-539 Jul 03 j 08:35	17°♊32'49		greatest brilliancy	-537 Dec 29 j 12:54	11°♏54'04	-4.7m
	-539 Jul 13 j 12:03	0°♌		retrograde	-536 Jan 12 j 03:08	15°♏19'46	
morning set	-539 Jul 27 j 06:43	17°♌00'07		evening set	-536 Jan 29 j 08:39	9°♏27'26	
	-539 Aug 06 j 18:10	0°♍		min. Earth dist.	-536 Feb 01 j 04:07	7°♏42'30	0.27855 AU
max. Earth dist.	-539 Aug 30 j 02:57	29°♍08'56	1.71838 AU	inferior conj	-536 Feb 02 j 01:53	7°♏08'05	8°19'56
	-539 Aug 30 j 19:16	0°♍		minimum elong	-536 Feb 01 j 20:42	7°♏16'17	8°19'30
				morning rise	-536 Feb 05 j 09:08	5°♏04'53	
superior conj	-539 Sep 02 j 09:01	3°♍13'16	1°23'37		-536 Feb 16 j 12:19	30°♎♎	
minimum elong	-539 Sep 02 j 11:56	3°♍22'22	1°23'36	direct	-536 Feb 22 j 22:21	29°♎09'45	
	-539 Sep 23 j 17:34	0°♌			-536 Feb 29 j 13:12	0°♏	
evening rise	-539 Oct 11 j 13:30	22°♌23'01		greatest brilliancy	-536 Mar 04 j 13:22	1°♏14'59	-4.6m
	-539 Oct 17 j 15:10	0°♌		desc. node	-536 Apr 08 j 17:48	26°♏32'58	
desc. node	-539 Oct 22 j 22:57	6°♌40'43		morning max el	-536 Apr 12 j 00:47	29°♏40'40	45°58'01
	-539 Nov 10 j 13:32	0°♎			-536 Apr 12 j 08:49	0°♏	
	-539 Dec 04 j 13:47	0°♎			-536 May 11 j 07:31	0°♐	
	-539 Dec 28 j 17:47	0°♏			-536 Jun 07 j 01:34	0°♄	
	-538 Jan 22 j 05:06	0°♏			-536 Jul 02 j 18:59	0°♊	
asc. node	-538 Feb 13 j 01:18	26°♏13'11			-536 Jul 27 j 19:55	0°♌	
	-538 Feb 16 j 06:07	0°♐		asc. node	-536 Jul 30 j 20:33	3°♌40'22	
	-538 Mar 14 j 08:20	0°♄			-536 Aug 21 j 08:12	0°♍	
	-538 Apr 11 j 16:37	0°♊		greatest brilliancy	-536 Sep 12 j 14:08	27°♍39'00	-3.9m
evening max el	-538 Apr 15 j 09:53	3°♊36'55	45°18'47		-536 Sep 14 j 11:16	0°♍	
greatest brilliancy	-538 May 19 j 23:15	29°♊46'51	-4.5m	morning set	-536 Oct 06 j 12:50	27°♍41'23	
	-538 May 20 j 11:05	0°♌			-536 Oct 08 j 08:53	0°♌	
retrograde	-538 Jun 02 j 20:39	3°♌07'15			-536 Nov 01 j 04:26	0°♌	
desc. node	-538 Jun 04 j 15:22	3°♌03'33					
	-538 Jun 15 j 12:17	30°♎♎		superior conj	-536 Nov 16 j 01:37	18°♌45'02	0°08'02
evening set	-538 Jun 18 j 02:23	28°♊40'22		minimum elong	-536 Nov 16 j 03:46	18°♌51'49	0°07'56
inferior conj	-538 Jun 24 j 06:09	25°♊00'41	-4°-23'-22	behind sun begin	-536 Nov 15 j 04:12	17°♌37'38	
minimum elong	-538 Jun 23 j 21:33	25°♊14'00	4°21'12	behind sun end	-536 Nov 17 j 03:20	20°♌06'00	
min. Earth dist.	-538 Jun 24 j 09:44	24°♊55'08	0.28808 AU	max. Earth dist.	-536 Nov 17 j 18:26	20°♌53'31	1.70999 AU
morning rise	-538 Jun 29 j 16:28	21°♊44'40		desc. node	-536 Nov 19 j 10:42	23°♌00'16	
direct	-538 Jul 15 j 22:10	16°♊44'59			-536 Nov 25 j 00:06	0°♎	
greatest brilliancy	-538 Jul 30 j 08:30	20°♊23'42	-4.5m		-536 Dec 18 j 21:09	0°♎	
	-538 Aug 14 j 11:48	0°♌		evening rise	-536 Dec 28 j 00:39	11°♎27'39	
morning max el	-538 Sep 03 j 13:51	17°♌53'15	46°19'07		-535 Jan 11 j 20:35	0°♏	
	-538 Sep 15 j 09:21	0°♍			-535 Feb 04 j 23:55	0°♏	
asc. node	-538 Sep 25 j 18:11	11°♍16'23			-535 Mar 01 j 09:21	0°♐	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 74

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-535 Mar 12 j 13:22	13°Υ35'45		-533 Sep 29 j 14:02	0°η	
	-535 Mar 26 j 03:40	0°Ϡ		-533 Oct 23 j 17:09	0°♁	
	-535 Apr 20 j 10:44	0°Π		-533 Nov 16 j 15:09	0°♂	
	-535 May 16 j 13:44	0°☿		-533 Dec 10 j 12:03	0°♂	
	-535 Jun 13 j 07:31	0°♈		-533 Dec 17 j 22:35	9°♂20'19	
evening max el	-535 Jun 25 j 18:24	12°♈23'22	45°40'48	morning set	-533 Dec 23 j 00:32	15°♂42'53
desc. node	-535 Jul 02 j 03:20	18°♈19'54			-532 Jan 03 j 10:01	0°♂
	-535 Jul 16 j 03:51	0°η			-532 Jan 27 j 10:01	0°≈
greatest brilliancy	-535 Aug 02 j 23:09	10°η17'39	-4.5m			
retrograde	-535 Aug 13 j 17:10	12°η22'05		superior conj	-532 Feb 02 j 12:11	7°≈35'34 -1°-21'-58
evening set	-535 Aug 31 j 16:57	6°η24'05		minimum elong	-532 Feb 02 j 06:12	7°≈16'56 1°21'54
inferior conj	-535 Sep 03 j 17:16	4°η34'51	-8°-44'-7	max. Earth dist.	-532 Feb 06 j 12:03	12°≈34'02 1.72107 AU
minimum elong	-535 Sep 03 j 20:45	4°η29'31	8°43'59		-532 Feb 20 j 12:43	0°κ
min. Earth dist.	-535 Sep 04 j 11:00	4°η07'42	0.27621 AU	evening rise	-532 Mar 12 j 21:35	26°κ26'37
morning rise	-535 Sep 07 j 00:19	2°η35'02			-532 Mar 15 j 18:48	0°Υ
	-535 Sep 11 j 17:09	30°♈♈		asc. node	-532 Apr 09 j 01:12	29°Υ48'22
direct	-535 Sep 24 j 17:20	26°♈38'25			-532 Apr 09 j 05:00	0°Ϡ
	-535 Oct 08 j 07:27	0°η			-532 May 03 j 19:51	0°Π
greatest brilliancy	-535 Oct 08 j 17:05	0°η11'23	-4.6m		-532 May 28 j 16:16	0°☿
asc. node	-535 Oct 23 j 05:50	9°η34'33			-532 Jun 22 j 20:21	0°♈
	-535 Nov 14 j 11:02	0°♁			-532 Jul 18 j 12:48	0°η
morning max el	-535 Nov 14 j 10:43	29°η59'12	46°53'48	desc. node	-532 Jul 29 j 15:11	12°η40'43
	-535 Dec 11 j 21:55	0°♂			-532 Aug 14 j 04:25	0°♁
	-534 Jan 06 j 13:18	0°♂		evening max el	-532 Sep 07 j 05:21	25°♁10'31 46°57'16
	-534 Jan 31 j 13:45	0°♂			-532 Sep 12 j 04:46	0°♂
desc. node	-534 Feb 11 j 20:17	13°♂37'21		greatest brilliancy	-532 Oct 16 j 09:13	25°♂08'45 -4.7m
	-534 Feb 25 j 08:32	0°≈		retrograde	-532 Oct 27 j 13:23	27°♂28'50
	-534 Mar 22 j 01:03	0°κ		evening set	-532 Nov 10 j 23:32	23°♂20'15
	-534 Apr 15 j 16:24	0°Υ		inferior conj	-532 Nov 17 j 01:30	19°♂47'25 0°-41'-40
	-534 May 10 j 06:27	0°Ϡ		minimum elong	-532 Nov 17 j 03:06	19°♂45'00 0°41'11
morning set	-534 May 18 j 10:56	10°Ϡ00'42		min. Earth dist.	-532 Nov 16 j 21:58	19°♂52'48 0.26336 AU
	-534 Jun 03 j 18:27	0°Π		asc. node	-532 Nov 19 j 17:40	18°♂10'46
asc. node	-534 Jun 04 j 22:51	1°Π27'11		morning rise	-532 Nov 23 j 06:44	16°♂10'52
max. Earth dist.	-534 Jun 20 j 13:10	20°Π37'58	1.73375 AU	direct	-532 Dec 07 j 08:14	12°♂12'13
				greatest brilliancy	-532 Dec 19 j 04:13	14°♂50'14 -4.7m
superior conj	-534 Jun 23 j 15:57	24°Π28'21	0°42'20		-531 Jan 10 j 17:25	0°♂
minimum elong	-534 Jun 23 j 08:32	24°Π05'30	0°42'01	morning max el	-531 Jan 26 j 15:32	14°♂54'10 46°40'28
	-534 Jun 28 j 03:32	0°☿			-531 Feb 10 j 04:35	0°♂
	-534 Jul 22 j 09:42	0°♈			-531 Mar 09 j 05:11	0°≈
evening rise	-534 Jul 29 j 11:53	8°♈47'31		desc. node	-531 Mar 11 j 08:09	2°≈25'28
	-534 Aug 15 j 13:53	0°η			-531 Apr 04 j 03:33	0°κ
	-534 Sep 08 j 17:41	0°♁			-531 Apr 29 j 13:29	0°Υ
desc. node	-534 Sep 24 j 13:05	19°♁36'28			-531 May 24 j 15:30	0°Ϡ
	-534 Oct 02 j 22:32	0°♂			-531 Jun 18 j 10:44	0°Π
	-534 Oct 27 j 05:51	0°♂		asc. node	-531 Jul 02 j 10:48	17°Π05'23
	-534 Nov 20 j 18:05	0°♂			-531 Jul 12 j 23:10	0°☿
	-534 Dec 15 j 17:17	0°≈		morning set	-531 Jul 24 j 23:45	14°☿50'09
	-533 Jan 10 j 17:57	0°κ			-531 Aug 06 j 05:14	0°♈
asc. node	-533 Jan 15 j 15:29	5°κ24'17		max. Earth dist.	-531 Aug 27 j 15:02	26°♈41'58 1.71892 AU
evening max el	-533 Feb 01 j 05:49	22°κ48'56	46°15'59		-531 Aug 30 j 06:22	0°η
	-533 Feb 08 j 15:56	0°Υ				
greatest brilliancy	-533 Mar 08 j 05:46	20°Υ40'20	-4.5m	superior conj	-531 Aug 31 j 00:19	0°η56'12 1°24'03
retrograde	-533 Mar 22 j 22:53	24°Υ32'15		minimum elong	-531 Aug 31 j 02:27	1°η02'50 1°24'03
evening set	-533 Apr 08 j 06:52	19°Υ22'29			-531 Sep 23 j 04:46	0°♁
inferior conj	-533 Apr 13 j 09:11	16°Υ14'28	5°10'26	evening rise	-531 Oct 09 j 00:59	19°♁52'53
minimum elong	-533 Apr 13 j 18:13	16°Υ00'11	5°08'22		-531 Oct 17 j 02:31	0°♂
min. Earth dist.	-533 Apr 13 j 14:57	16°Υ05'20	0.28999 AU	desc. node	-531 Oct 22 j 00:56	6°♂11'17
morning rise	-533 Apr 19 j 05:37	12°Υ40'05			-531 Nov 10 j 01:03	0°♂
direct	-533 May 04 j 21:56	7°Υ54'49			-531 Dec 04 j 01:29	0°♂
desc. node	-533 May 07 j 05:27	8°Υ00'56			-531 Dec 28 j 05:43	0°≈
greatest brilliancy	-533 May 17 j 23:08	10°Υ53'28	-4.5m		-530 Jan 21 j 17:30	0°κ
	-533 Jun 14 j 09:54	0°Ϡ		asc. node	-530 Feb 12 j 03:25	25°κ40'25
morning max el	-533 Jun 22 j 16:51	7°Ϡ37'45	45°46'52		-530 Feb 15 j 19:28	0°Υ
	-533 Jul 14 j 16:02	0°Π			-530 Mar 13 j 23:48	0°Ϡ
	-533 Aug 10 j 13:19	0°☿			-530 Apr 11 j 14:08	0°Π
asc. node	-533 Aug 28 j 08:25	20°☿51'47		evening max el	-530 Apr 13 j 02:30	1°Π27'45 45°19'23
	-533 Sep 04 j 23:39	0°♈		greatest brilliancy	-530 May 17 j 14:28	27°Π36'06 -4.5m

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-530 May 24 j 07:28	0°☿			-528 Oct 07 j 20:05	0°♊	
retrograde	-530 May 31 j 12:19	0°☿56'51			-528 Oct 31 j 15:37	0°♋	
desc. node	-530 Jun 03 j 17:33	0°☿44'46					
	-530 Jun 07 j 11:05	30°♌II		superior conj	-528 Nov 13 j 11:14	16°♌08'59	0°12'00
evening set	-530 Jun 15 j 16:53	26°♌32'13		minimum elong	-528 Nov 13 j 14:26	16°♌19'04	0°11'51
inferior conj	-530 Jun 21 j 22:08	22°♌50'03	-4°-5'-52	behind sun begin	-528 Nov 12 j 19:52	15°♌20'36	
minimum elong	-530 Jun 21 j 13:57	23°♌02'45	4°03'45	behind sun end	-528 Nov 14 j 09:00	17°♌17'32	
min. Earth dist.	-530 Jun 22 j 01:40	22°♌44'33	0.28825 AU	max. Earth dist.	-528 Nov 14 j 20:39	17°♌54'11	1.70995 AU
morning rise	-530 Jun 27 j 10:48	19°♌30'21		desc. node	-528 Nov 18 j 12:51	22°♌31'47	
direct	-530 Jul 13 j 14:41	14°♌34'14			-528 Nov 24 j 11:19	0°♌	
greatest brilliancy	-530 Jul 27 j 22:39	18°♌09'58	-4.5m		-528 Dec 18 j 08:23	0°♍	
	-530 Aug 14 j 22:43	0°♍		evening rise	-528 Dec 25 j 10:28	8°♍52'52	
morning max el	-530 Sep 01 j 04:43	15°♍36'52	46°17'33		-527 Jan 11 j 07:52	0°♎	
	-530 Sep 15 j 03:52	0°♎			-527 Feb 04 j 11:18	0°♏	
asc. node	-530 Sep 24 j 20:14	10°♎35'35			-527 Feb 28 j 20:57	0°♐	
	-530 Oct 11 j 19:30	0°♐		asc. node	-527 Mar 11 j 15:21	13°♐06'12	
	-530 Nov 05 j 22:01	0°♑			-527 Mar 25 j 15:43	0°♒	
	-530 Nov 30 j 08:48	0°♒			-527 Apr 19 j 23:40	0°♓	
	-530 Dec 24 j 13:46	0°♓			-527 May 16 j 04:32	0°♈	
desc. node	-529 Jan 14 j 10:30	25°♓54'23			-527 Jun 13 j 03:00	0°♉	
	-529 Jan 17 j 17:38	0°♈		evening max el	-527 Jun 23 j 07:20	10°♉03'36	45°38'41
	-529 Feb 10 j 22:21	0°♉		desc. node	-527 Jul 01 j 05:26	17°♉23'32	
	-529 Mar 07 j 04:36	0°♊			-527 Jul 16 j 22:35	0°♊	
morning set	-529 Mar 08 j 09:32	1°♊29'18		greatest brilliancy	-527 Jul 31 j 09:58	7°♊55'12	-4.5m
	-529 Mar 31 j 12:36	0°♋		retrograde	-527 Aug 11 j 06:05	10°♊01'59	
				evening set	-527 Aug 29 j 06:49	4°♊02'30	
superior conj	-529 Apr 15 j 01:37	17°♋53'11	0°-49'-47	inferior conj	-527 Sep 01 j 06:52	2°♊13'50	-8°-46'-46
minimum elong	-529 Apr 15 j 10:20	18°♋19'59	0°49'26	minimum elong	-527 Sep 01 j 09:29	2°♊09'51	8°46'42
max. Earth dist.	-529 Apr 16 j 06:57	19°♋23'21	1.73492 AU	min. Earth dist.	-527 Sep 02 j 00:26	1°♊47'00	0.27685 AU
	-529 Apr 24 j 22:12	0°♌		morning rise	-527 Sep 04 j 11:54	0°♋17'09	
asc. node	-529 May 07 j 13:08	15°♌29'48			-527 Sep 04 j 23:31	30°♌♎	
	-529 May 19 j 08:49	0°♌		direct	-527 Sep 22 j 07:18	24°♌16'08	
evening rise	-529 May 21 j 16:21	2°♌50'21		greatest brilliancy	-527 Oct 06 j 09:56	27°♌52'10	-4.6m
	-529 Jun 12 j 19:57	0°♍			-527 Oct 10 j 10:05	0°♍	
	-529 Jul 07 j 07:49	0°♎		asc. node	-527 Oct 22 j 07:56	8°♍22'36	
	-529 Jul 31 j 21:39	0°♏		morning max el	-527 Nov 12 j 00:43	27°♍34'34	46°53'23
	-529 Aug 25 j 15:28	0°♐			-527 Nov 14 j 09:11	0°♑	
desc. node	-529 Aug 27 j 03:08	1°♑47'34			-527 Dec 11 j 14:13	0°♒	
	-529 Sep 19 j 16:12	0°♒			-526 Jan 06 j 03:20	0°♓	
	-529 Oct 15 j 05:44	0°♓			-526 Jan 31 j 02:34	0°♈	
	-529 Nov 11 j 01:23	0°♈		desc. node	-526 Feb 10 j 22:18	13°♈05'44	
evening max el	-529 Nov 19 j 17:20	9°♈04'54	47°22'38		-526 Feb 24 j 20:36	0°♉	
	-529 Dec 12 j 09:57	0°♉			-526 Mar 21 j 12:37	0°♊	
asc. node	-529 Dec 18 j 05:46	4°♉18'28			-526 Apr 15 j 03:35	0°♋	
greatest brilliancy	-529 Dec 27 j 06:54	9°♉36'09	-4.7m		-526 May 09 j 17:23	0°♌	
retrograde	-528 Jan 09 j 17:54	12°♉58'14		morning set	-526 May 16 j 05:25	7°♌57'07	
evening set	-528 Jan 26 j 20:35	7°♌11'15			-526 Jun 03 j 05:14	0°♌	
min. Earth dist.	-528 Jan 29 j 18:20	5°♌22'52	0.27785 AU	asc. node	-526 Jun 04 j 01:04	1°♌00'53	
inferior conj	-528 Jan 30 j 16:33	4°♌47'45	8°14'15	max. Earth dist.	-526 Jun 18 j 11:53	18°♌46'56	1.73410 AU
minimum elong	-528 Jan 30 j 10:40	4°♌57'03	8°13'42				
morning rise	-528 Feb 03 j 01:07	2°♌42'24		superior conj	-526 Jun 21 j 10:40	22°♌24'57	0°39'37
	-528 Feb 07 j 22:51	30°♌♍		minimum elong	-526 Jun 21 j 03:35	22°♌03'08	0°39'19
direct	-528 Feb 20 j 12:03	26°♍50'43			-526 Jun 27 j 14:18	0°♍	
greatest brilliancy	-528 Mar 02 j 02:10	28°♍54'44	-4.6m		-526 Jul 21 j 20:34	0°♎	
	-528 Mar 04 j 17:43	0°♎		evening rise	-526 Jul 27 j 05:50	6°♎40'32	
desc. node	-528 Apr 07 j 19:47	25°♎40'28			-526 Aug 15 j 00:59	0°♏	
morning max el	-528 Apr 09 j 14:15	27°♎22'04	45°59'12		-526 Sep 08 j 05:04	0°♐	
	-528 Apr 12 j 07:17	0°♏		desc. node	-526 Sep 23 j 15:05	19°♐06'40	
	-528 May 10 j 23:24	0°♐			-526 Oct 02 j 10:17	0°♑	
	-528 Jun 06 j 15:03	0°♒			-526 Oct 26 j 18:04	0°♓	
	-528 Jul 02 j 07:19	0°♓			-526 Nov 20 j 07:00	0°♈	
	-528 Jul 27 j 07:38	0°♈			-526 Dec 15 j 07:23	0°♉	
asc. node	-528 Aug 29 j 22:37	3°♈11'11			-525 Jan 10 j 10:41	0°♊	
	-528 Aug 20 j 19:35	0°♉		asc. node	-525 Jan 14 j 17:31	4°♊42'10	
	-528 Sep 13 j 22:30	0°♊		evening max el	-525 Jan 29 j 21:01	20°♊33'19	46°18'49
greatest brilliancy	-528 Sep 14 j 18:13	1°♊01'39	-3.9m		-525 Feb 08 j 17:29	0°♋	
morning set	-528 Oct 04 j 01:39	25°♊15'32		greatest brilliancy	-525 Mar 05 j 21:26	18°♋29'08	-4.5m

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-525 Mar 20 j 16:02	22° Υ 22'56		-523 Aug 29 j 17:06	0° \mathfrak{M}	
evening set	-525 Apr 06 j 01:57	17° Υ 08'55		-523 Sep 22 j 15:36	0° \mathfrak{L}	
inferior conj	-525 Apr 11 j 01:41	14° Υ 04'41	5°25'53	evening rise	-523 Oct 06 j 12:51	17° \mathfrak{L} 25'11
minimum elong	-525 Apr 11 j 10:54	13° Υ 50'07	5°23'50		-523 Oct 16 j 13:31	0° \mathfrak{M}
min. Earth dist.	-525 Apr 11 j 06:55	13° Υ 56'26	0.28990 AU	desc. node	-523 Oct 21 j 03:07	5° \mathfrak{M} 43'33
morning rise	-525 Apr 16 j 19:58	10° Υ 33'38			-523 Nov 09 j 12:15	0° \mathfrak{J}
direct	-525 May 02 j 14:06	5° Υ 45'08			-523 Dec 03 j 12:54	0° \mathfrak{Z}
desc. node	-525 May 06 j 07:39	6° Υ 01'00			-523 Dec 27 j 17:25	0° \approx
greatest brilliancy	-525 May 15 j 14:10	8° Υ 43'08	-4.5m		-522 Jan 21 j 05:42	0° \mathfrak{K}
	-525 Jun 14 j 11:41	0° \mathfrak{B}		asc. node	-522 Feb 11 j 05:25	25° \mathfrak{K} 07'58
morning max el	-525 Jun 20 j 09:57	5° \mathfrak{B} 30'53	45°46'34		-522 Feb 15 j 08:39	0° Υ
	-525 Jul 14 j 08:28	0° \mathfrak{H}			-522 Mar 13 j 15:11	0° \mathfrak{B}
	-525 Aug 10 j 02:56	0° \mathfrak{G}		evening max el	-522 Apr 10 j 18:18	29° \mathfrak{B} 17'28 45°20'11
asc. node	-525 Aug 27 j 10:28	20° \mathfrak{G} 20'07			-522 Apr 11 j 12:04	0° \mathfrak{H}
	-525 Sep 04 j 12:03	0° \mathfrak{L}		greatest brilliancy	-522 May 15 j 05:47	25° \mathfrak{H} 26'38 -4.5m
	-525 Sep 29 j 01:50	0° \mathfrak{M}		retrograde	-522 May 29 j 03:39	28° \mathfrak{H} 47'57
	-525 Oct 23 j 04:39	0° \mathfrak{L}		desc. node	-522 Jun 02 j 19:38	28° \mathfrak{H} 22'32
	-525 Nov 16 j 02:28	0° \mathfrak{M}		evening set	-522 Jun 13 j 07:39	24° \mathfrak{H} 25'07
	-525 Dec 09 j 23:15	0° \mathfrak{J}		inferior conj	-522 Jun 19 j 14:14	20° \mathfrak{H} 40'54 -3°-48'-1
desc. node	-525 Dec 17 j 00:43	8° \mathfrak{J} 51'59		minimum elong	-522 Jun 19 j 06:32	20° \mathfrak{H} 52'53 3°45'59
morning set	-525 Dec 20 j 10:01	13° \mathfrak{J} 07'07		min. Earth dist.	-522 Jun 19 j 18:03	20° \mathfrak{H} 34'57 0.28842 AU
	-524 Jan 02 j 21:06	0° \mathfrak{Z}		morning rise	-522 Jun 25 j 05:08	17° \mathfrak{H} 17'35
	-524 Jan 26 j 21:00	0° \approx		direct	-522 Jul 11 j 06:54	12° \mathfrak{H} 24'48
				greatest brilliancy	-522 Jul 25 j 13:27	15° \mathfrak{H} 58'11 -4.5m
superior conj	-524 Jan 30 j 23:54	5° \approx 08'26	-1°-20'-52		-522 Aug 15 j 06:16	0° \mathfrak{G}
minimum elong	-524 Jan 30 j 17:03	4° \approx 47'03	1°20'47	morning max el	-522 Aug 29 j 18:55	13° \mathfrak{G} 20'01 46°16'07
max. Earth dist.	-524 Feb 03 j 23:44	10° \approx 06'58	1.72051 AU		-522 Sep 14 j 21:32	0° \mathfrak{L}
	-524 Feb 19 j 23:36	0° \mathfrak{K}		asc. node	-522 Sep 23 j 22:18	9° \mathfrak{L} 56'21
evening rise	-524 Mar 10 j 12:08	24° \mathfrak{K} 09'55			-522 Oct 11 j 09:44	0° \mathfrak{M}
	-524 Mar 15 j 05:41	0° Υ			-522 Nov 05 j 10:49	0° \mathfrak{L}
asc. node	-524 Apr 08 j 03:20	29° Υ 21'19			-522 Nov 29 j 20:52	0° \mathfrak{M}
	-524 Apr 08 j 15:59	0° \mathfrak{B}			-522 Dec 24 j 01:23	0° \mathfrak{J}
	-524 May 03 j 07:07	0° \mathfrak{H}		desc. node	-521 Jan 13 j 12:28	25° \mathfrak{J} 25'17
	-524 May 28 j 04:02	0° \mathfrak{G}			-521 Jan 17 j 04:57	0° \mathfrak{Z}
	-524 Jun 22 j 08:58	0° \mathfrak{L}			-521 Feb 10 j 09:24	0° \approx
	-524 Jul 18 j 02:58	0° \mathfrak{M}		morning set	-521 Mar 06 j 00:09	29° \approx 12'46
desc. node	-524 Jul 28 j 17:12	12° \mathfrak{M} 03'33			-521 Mar 06 j 15:27	0° \mathfrak{K}
	-524 Aug 13 j 21:44	0° \mathfrak{L}			-521 Mar 30 j 23:18	0° Υ
evening max el	-524 Sep 04 j 19:46	22° \mathfrak{L} 49'47	46°54'47			
	-524 Sep 12 j 07:22	0° \mathfrak{M}		superior conj	-521 Apr 12 j 18:39	15° Υ 45'17 0°-52'-23
greatest brilliancy	-524 Oct 13 j 22:15	22° \mathfrak{M} 40'02	-4.7m	minimum elong	-521 Apr 13 j 03:36	16° Υ 12'48 0°52'03
retrograde	-524 Oct 25 j 01:50	24° \mathfrak{M} 58'42		max. Earth dist.	-521 Apr 14 j 03:35	17° Υ 26'33 1.73460 AU
evening set	-524 Nov 08 j 12:52	20° \mathfrak{M} 48'52			-521 Apr 24 j 08:49	0° \mathfrak{B}
inferior conj	-524 Nov 14 j 13:26	17° \mathfrak{M} 17'45	-1°-6'-27	asc. node	-521 May 06 j 15:16	15° \mathfrak{B} 03'50
minimum elong	-524 Nov 14 j 15:57	17° \mathfrak{M} 13'54	1°05'38		-521 May 18 j 19:28	0° \mathfrak{H}
min. Earth dist.	-524 Nov 14 j 11:10	17° \mathfrak{M} 21'11	0.26338 AU	evening rise	-521 May 19 j 11:04	0° \mathfrak{H} 47'50
asc. node	-524 Nov 18 j 19:54	14° \mathfrak{M} 45'33			-521 Jun 12 j 06:46	0° \mathfrak{G}
morning rise	-524 Nov 20 j 19:10	13° \mathfrak{M} 40'44			-521 Jul 06 j 18:58	0° \mathfrak{L}
direct	-524 Dec 04 j 21:02	9° \mathfrak{M} 42'41			-521 Jul 31 j 09:18	0° \mathfrak{M}
greatest brilliancy	-524 Dec 16 j 17:35	12° \mathfrak{M} 21'48	-4.7m		-521 Aug 25 j 03:51	0° \mathfrak{L}
	-523 Jan 11 j 01:29	0° \mathfrak{J}		desc. node	-521 Aug 26 j 05:12	1° \mathfrak{L} 16'20
morning max el	-523 Jan 24 j 05:23	12° \mathfrak{J} 30'56	46°41'42		-521 Sep 19 j 05:41	0° \mathfrak{M}
	-523 Feb 09 j 23:11	0° \mathfrak{Z}			-521 Oct 14 j 21:07	0° \mathfrak{J}
	-523 Mar 08 j 19:57	0° \approx			-521 Nov 10 j 21:08	0° \mathfrak{Z}
desc. node	-523 Mar 10 j 10:11	1° \approx 49'30		evening max el	-521 Nov 17 j 07:15	6° \mathfrak{Z} 41'21 47°23'27
	-523 Apr 03 j 16:30	0° \mathfrak{K}			-521 Dec 13 j 02:44	0° \approx
	-523 Apr 29 j 01:25	0° Υ		asc. node	-521 Dec 17 j 07:43	2° \approx 56'18
	-523 May 24 j 02:50	0° \mathfrak{B}		greatest brilliancy	-521 Dec 25 j 00:12	7° \approx 18'21 -4.7m
	-523 Jun 17 j 21:42	0° \mathfrak{H}		retrograde	-520 Jan 07 j 08:22	10° \approx 37'53
asc. node	-523 Jul 01 j 12:49	16° \mathfrak{H} 38'19		evening set	-520 Jan 24 j 08:17	4° \approx 56'17
	-523 Jul 12 j 09:58	0° \mathfrak{G}		min. Earth dist.	-520 Jan 27 j 08:48	3° \approx 03'54 0.27718 AU
morning set	-523 Jul 22 j 17:01	12° \mathfrak{G} 41'56		inferior conj	-520 Jan 28 j 07:13	2° \approx 28'29 8°07'37
	-523 Aug 05 j 15:57	0° \mathfrak{L}		minimum elong	-520 Jan 28 j 00:41	2° \approx 38'49 8°06'55
max. Earth dist.	-523 Aug 25 j 02:16	24° \mathfrak{L} 13'31	1.71945 AU	morning rise	-520 Jan 31 j 17:26	0° \approx 20'37
					-520 Feb 01 j 07:12	30° \mathfrak{R} \mathfrak{Z}
superior conj	-523 Aug 28 j 16:05	28° \mathfrak{L} 41'44	1°24'21	direct	-520 Feb 18 j 01:27	24° \mathfrak{Z} 32'26
minimum elong	-523 Aug 28 j 17:25	28° \mathfrak{L} 45'55	1°24'20	greatest brilliancy	-520 Feb 28 j 16:14	26° \mathfrak{Z} 36'41 -4.6m

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-520 Mar 06 j 20:59	0°♊		evening rise	-518 Jul 24 j 23:47	4°♊33'54	
desc. node	-520 Apr 06 j 21:57	24°♊50'11			-518 Aug 14 j 11:59	0°♊	
morning max el	-520 Apr 07 j 03:52	25°♊04'25	46°00'23		-518 Sep 07 j 16:22	0°♊	
	-520 Apr 12 j 04:35	0°♋		desc. node	-518 Sep 22 j 17:15	18°♊37'41	
	-520 May 10 j 14:47	0°♌			-518 Oct 01 j 21:59	0°♌	
	-520 Jun 06 j 04:10	0°♍			-518 Oct 26 j 06:16	0°♍	
	-520 Jul 01 j 19:17	0°♎			-518 Nov 19 j 19:56	0°♎	
	-520 Jul 26 j 19:00	0°♏			-518 Dec 14 j 21:35	0°♏	
asc. node	-520 Jul 29 j 00:37	2°♏42'52			-517 Jan 10 j 03:38	0°♋	
	-520 Aug 20 j 06:38	0°♐		asc. node	-517 Jan 13 j 19:37	3°♋59'56	
	-520 Sep 13 j 09:26	0°♑		evening max el	-517 Jan 27 j 13:08	18°♋20'12	46°21'42
greatest brilliancy	-520 Sep 16 j 08:23	3°♑42'00	-3.9m		-517 Feb 08 j 20:19	0°♑	
morning set	-520 Oct 01 j 14:41	22°♑51'11		greatest brilliancy	-517 Mar 03 j 14:15	16°♑20'00	-4.5m
	-520 Oct 07 j 07:00	0°♒		retrograde	-517 Mar 18 j 09:27	20°♑14'10	
	-520 Oct 31 j 02:33	0°♓		evening set	-517 Apr 03 j 21:14	14°♑56'06	
				inferior conj	-517 Apr 08 j 18:20	11°♑55'31	5°40'43
superior conj	-520 Nov 10 j 21:09	13°♓34'42	0°15'56	minimum elong	-517 Apr 09 j 03:41	11°♑40'44	5°38'42
minimum elong	-520 Nov 11 j 01:22	13°♓47'56	0°15'43	min. Earth dist.	-517 Apr 08 j 22:40	11°♑48'40	0.28977 AU
behind sun begin	-520 Nov 10 j 17:54	13°♓24'27		morning rise	-517 Apr 14 j 10:19	8°♑27'57	
behind sun end	-520 Nov 11 j 08:49	14°♓11'24		direct	-517 Apr 30 j 06:49	3°♑36'18	
max. Earth dist.	-520 Nov 12 j 00:00	14°♓59'14	1.70991 AU	desc. node	-517 May 05 j 09:43	4°♑06'01	
desc. node	-520 Nov 17 j 14:58	22°♓04'05		greatest brilliancy	-517 May 13 j 04:17	6°♑32'15	-4.5m
	-520 Nov 23 j 22:15	0°♈			-517 Jun 14 j 12:05	0°♈	
	-520 Dec 17 j 19:19	0°♉		morning max el	-517 Jun 18 j 03:10	3°♈24'35	45°46'08
evening rise	-520 Dec 22 j 20:37	6°♉20'02			-517 Jul 14 j 00:36	0°♊	
	-519 Jan 10 j 18:51	0°♊			-517 Aug 09 j 16:28	0°♋	
	-519 Feb 03 j 22:23	0°♋		asc. node	-517 Aug 26 j 12:37	19°♋48'44	
	-519 Feb 28 j 08:16	0°♌			-517 Sep 04 j 00:26	0°♐	
asc. node	-519 Mar 10 j 17:29	12°♌37'47			-517 Sep 28 j 13:38	0°♑	
	-519 Mar 25 j 03:32	0°♍			-517 Oct 22 j 16:08	0°♒	
	-519 Apr 19 j 12:27	0°♎			-517 Nov 15 j 13:47	0°♓	
	-519 May 15 j 19:19	0°♏			-517 Dec 09 j 10:28	0°♈	
	-519 Jun 12 j 22:49	0°♐		desc. node	-517 Dec 16 j 02:39	8°♈22'55	
evening max el	-519 Jun 20 j 21:00	7°♐46'31	45°36'50	morning set	-517 Dec 17 j 19:33	10°♈31'19	
desc. node	-519 Jun 30 j 07:26	16°♐26'28			-516 Jan 02 j 08:15	0°♉	
	-519 Jul 17 j 23:23	0°♑			-516 Jan 26 j 08:04	0°♊	
greatest brilliancy	-519 Jul 28 j 19:55	5°♑33'05	-4.5m				
retrograde	-519 Aug 08 j 19:45	7°♑43'14		superior conj	-516 Jan 28 j 11:31	2°♊40'30	-1°-19'-35
evening set	-519 Aug 26 j 20:25	1°♑42'48		minimum elong	-516 Jan 28 j 03:51	2°♊16'35	1°19'29
inferior conj	-519 Aug 29 j 20:37	29°♑53'59	-8°-48'-26	max. Earth dist.	-516 Feb 01 j 12:49	7°♊43'49	1.71995 AU
minimum elong	-519 Aug 29 j 22:21	29°♑51'21	8°48'24		-516 Feb 19 j 10:35	0°♋	
	-519 Aug 29 j 16:41	30°♒♏		evening rise	-516 Mar 08 j 02:39	21°♋52'45	
min. Earth dist.	-519 Aug 30 j 13:34	29°♒28'09	0.27749 AU		-516 Mar 14 j 16:38	0°♌	
morning rise	-519 Sep 02 j 00:05	27°♒59'48		asc. node	-516 Apr 07 j 05:29	28°♌54'09	
direct	-519 Sep 19 j 21:56	21°♒55'08			-516 Apr 08 j 03:02	0°♍	
greatest brilliancy	-519 Oct 04 j 02:37	25°♒33'55	-4.6m		-516 May 02 j 18:27	0°♎	
	-519 Oct 11 j 19:12	0°♑			-516 May 27 j 15:54	0°♏	
asc. node	-519 Oct 21 j 10:07	7°♑13'33			-516 Jun 21 j 21:47	0°♐	
morning max el	-519 Nov 09 j 15:41	25°♑13'13	46°52'51		-516 Jul 17 j 17:26	0°♑	
	-519 Nov 14 j 06:19	0°♒		desc. node	-516 Jul 27 j 19:16	11°♑25'38	
	-519 Dec 11 j 06:04	0°♓			-516 Aug 13 j 15:38	0°♒	
	-518 Jan 05 j 17:02	0°♈		evening max el	-516 Sep 02 j 10:02	20°♒28'08	46°52'12
	-518 Jan 30 j 15:06	0°♉			-516 Sep 12 j 11:51	0°♓	
desc. node	-518 Feb 10 j 00:22	12°♉35'03		greatest brilliancy	-516 Oct 11 j 12:04	20°♓11'57	-4.7m
	-518 Feb 24 j 08:25	0°♊		retrograde	-516 Oct 22 j 13:49	22°♓28'06	
	-518 Mar 20 j 23:56	0°♋		evening set	-516 Nov 06 j 02:28	18°♓16'59	
	-518 Apr 14 j 14:34	0°♌		inferior conj	-516 Nov 12 j 01:25	14°♓47'49	-1°-30'-56
	-518 May 09 j 04:09	0°♍		minimum elong	-516 Nov 12 j 04:52	14°♓42'35	1°29'51
morning set	-518 May 13 j 23:55	5°♍53'59		min. Earth dist.	-516 Nov 12 j 00:37	14°♓49'03	0.26342 AU
	-518 Jun 02 j 15:53	0°♎		asc. node	-516 Nov 17 j 21:51	11°♓23'01	
asc. node	-518 Jun 03 j 03:04	0°♏34'17		morning rise	-516 Nov 18 j 07:21	11°♓10'25	
max. Earth dist.	-518 Jun 16 j 10:43	16°♏56'37	1.73442 AU	direct	-516 Dec 02 j 09:38	7°♓12'54	
				greatest brilliancy	-516 Dec 14 j 07:08	9°♓53'00	-4.7m
superior conj	-518 Jun 19 j 05:18	20°♏21'37	0°36'51		-515 Jan 11 j 07:27	0°♈	
minimum elong	-518 Jun 18 j 22:35	20°♏00'58	0°36'34	morning max el	-515 Jan 21 j 18:15	10°♈04'30	46°42'48
	-518 Jun 27 j 00:58	0°♉			-515 Feb 09 j 17:32	0°♉	
	-518 Jul 21 j 07:22	0°♐			-515 Mar 08 j 10:45	0°♊	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 78

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

desc. node	-515 Mar 09 j 12:19	1°≈13'27		evening max el	-513 Nov 14 j 20:53	4°≈15'28	47°24'10
	-515 Apr 03 j 05:35	0°≈			-513 Dec 14 j 02:37	0°≈	
	-515 Apr 28 j 13:30	0°≈		asc. node	-513 Dec 16 j 09:49	1°≈29'42	
	-515 May 23 j 14:19	0°≈		greatest brilliancy	-513 Dec 22 j 16:32	4°≈57'02	-4.7m
	-515 Jun 17 j 08:51	0°≈		retrograde	-512 Jan 04 j 22:48	8°≈15'15	
asc. node	-515 Jun 30 j 14:53	16°≈10'53		evening set	-512 Jan 21 j 19:27	2°≈39'00	
	-515 Jul 11 j 20:57	0°≈		min. Earth dist.	-512 Jan 24 j 22:51	0°≈42'41	0.27650 AU
morning set	-515 Jul 20 j 10:23	10°≈33'30		inferior conj	-512 Jan 25 j 21:36	0°≈06'49	8°00'01
	-515 Aug 05 j 02:54	0°≈		minimum elong	-512 Jan 25 j 14:26	0°≈18'08	7°59'11
max. Earth dist.	-515 Aug 22 j 13:53	21°≈45'33	1.72005 AU		-512 Jan 26 j 01:56	30°≈	
				morning rise	-512 Jan 29 j 09:44	27°≈56'16	
superior conj	-515 Aug 26 j 07:57	26°≈26'54	1°24'29	direct	-512 Feb 15 j 14:31	22°≈11'40	
minimum elong	-515 Aug 26 j 08:29	26°≈28'35	1°24'30	greatest brilliancy	-512 Feb 26 j 06:26	24°≈16'54	-4.6m
	-515 Aug 29 j 04:07	0°≈			-512 Mar 08 j 07:51	0°≈	
	-515 Sep 22 j 02:45	0°≈		morning max el	-512 Apr 04 j 17:52	22°≈46'15	46°01'39
evening rise	-515 Oct 04 j 00:43	14°≈56'36		desc. node	-512 Apr 06 j 00:04	23°≈59'21	
	-515 Oct 16 j 00:50	0°≈			-512 Apr 12 j 01:40	0°≈	
desc. node	-515 Oct 20 j 05:11	5°≈14'29			-512 May 10 j 06:23	0°≈	
	-515 Nov 08 j 23:44	0°≈			-512 Jun 05 j 17:35	0°≈	
	-515 Dec 03 j 00:36	0°≈			-512 Jul 01 j 07:35	0°≈	
	-515 Dec 27 j 05:25	0°≈			-512 Jul 26 j 06:41	0°≈	
	-514 Jan 20 j 18:15	0°≈		asc. node	-512 Jul 28 j 02:49	2°≈14'06	
asc. node	-514 Feb 10 j 07:33	24°≈34'49			-512 Aug 19 j 18:00	0°≈	
	-514 Feb 14 j 22:15	0°≈			-512 Sep 12 j 20:40	0°≈	
	-514 Mar 13 j 07:09	0°≈		greatest brilliancy	-512 Sep 17 j 16:07	6°≈01'20	-3.9m
evening max el	-514 Apr 08 j 09:21	27°≈04'27	45°21'08	morning set	-512 Sep 29 j 04:07	20°≈27'19	
	-514 Apr 11 j 11:19	0°≈			-512 Oct 06 j 18:14	0°≈	
greatest brilliancy	-514 May 12 j 20:39	23°≈15'55	-4.5m		-512 Oct 30 j 13:49	0°≈	
retrograde	-514 May 26 j 19:13	26°≈38'51					
desc. node	-514 Jun 01 j 21:36	25°≈55'15		superior conj	-512 Nov 08 j 07:06	10°≈59'17	0°19'49
evening set	-514 Jun 10 j 22:40	22°≈17'17		minimum elong	-512 Nov 08 j 12:16	11°≈15'33	0°19'33
inferior conj	-514 Jun 17 j 06:28	18°≈31'28	-3°-29'-56	max. Earth dist.	-512 Nov 09 j 06:20	12°≈12'28	1.70997 AU
minimum elong	-514 Jun 16 j 23:16	18°≈42'41	3°28'00	desc. node	-512 Nov 16 j 16:57	21°≈34'46	
min. Earth dist.	-514 Jun 17 j 10:41	18°≈24'54	0.28858 AU		-512 Nov 23 j 09:33	0°≈	
morning rise	-514 Jun 22 j 23:31	15°≈04'49			-512 Dec 17 j 06:41	0°≈	
direct	-514 Jul 08 j 22:49	10°≈14'59		evening rise	-512 Dec 20 j 06:21	3°≈44'37	
greatest brilliancy	-514 Jul 23 j 05:13	13°≈47'18	-4.5m		-511 Jan 10 j 06:15	0°≈	
	-514 Aug 15 j 11:51	0°≈			-511 Feb 03 j 09:55	0°≈	
morning max el	-514 Aug 27 j 09:01	11°≈02'18	46°14'36		-511 Feb 27 j 20:02	0°≈	
	-514 Sep 14 j 15:07	0°≈		asc. node	-511 Mar 09 j 19:35	12°≈08'02	
asc. node	-514 Sep 23 j 00:28	9°≈16'51			-511 Mar 24 j 15:48	0°≈	
	-514 Oct 11 j 00:11	0°≈			-511 Apr 19 j 01:45	0°≈	
	-514 Nov 04 j 23:57	0°≈			-511 May 15 j 10:45	0°≈	
	-514 Nov 29 j 09:18	0°≈			-511 Jun 12 j 19:46	0°≈	
desc. node	-514 Dec 23 j 13:23	0°≈		evening max el	-511 Jun 18 j 11:41	5°≈30'58	45°35'05
	-513 Jan 12 j 14:38	24°≈55'40		desc. node	-511 Jun 29 j 09:36	15°≈27'26	
	-513 Jan 16 j 16:36	0°≈			-511 Jul 19 j 10:48	0°≈	
	-513 Feb 09 j 20:48	0°≈		greatest brilliancy	-511 Jul 26 j 05:54	3°≈10'31	-4.5m
morning set	-513 Mar 03 j 14:20	26°≈53'43		retrograde	-511 Aug 06 j 09:46	5°≈23'58	
	-513 Mar 06 j 02:38	0°≈			-511 Aug 23 j 08:39	30°≈	
	-513 Mar 30 j 10:23	0°≈		evening set	-511 Aug 24 j 09:42	29°≈23'30	
superior conj	-513 Apr 10 j 11:32	13°≈35'46	0°-54'-55	inferior conj	-511 Aug 27 j 10:28	27°≈33'47	-8°-49'-9
minimum elong	-513 Apr 10 j 20:41	14°≈03'54	0°54'36	minimum elong	-511 Aug 27 j 11:19	27°≈32'29	8°49'10
max. Earth dist.	-513 Apr 11 j 22:15	15°≈22'30	1.73428 AU	min. Earth dist.	-511 Aug 28 j 02:23	27°≈09'31	0.27806 AU
	-513 Apr 23 j 19:50	0°≈		morning rise	-511 Aug 30 j 12:45	25°≈41'25	
asc. node	-513 May 05 j 17:16	14°≈36'10		direct	-511 Sep 17 j 13:04	19°≈34'10	
evening rise	-513 May 17 j 05:46	28°≈44'08		greatest brilliancy	-511 Oct 01 j 18:12	23°≈14'05	-4.6m
	-513 May 18 j 06:31	0°≈			-511 Oct 12 j 19:06	0°≈	
	-513 Jun 11 j 17:58	0°≈		asc. node	-511 Oct 20 j 12:06	6°≈05'31	
	-513 Jul 06 j 06:28	0°≈		morning max el	-511 Nov 07 j 06:48	22°≈51'55	46°52'08
	-513 Jul 30 j 21:19	0°≈			-511 Nov 14 j 02:56	0°≈	
	-513 Aug 24 j 16:39	0°≈			-511 Dec 10 j 21:55	0°≈	
desc. node	-513 Aug 25 j 07:21	0°≈44'15			-510 Jan 05 j 06:56	0°≈	
	-513 Sep 18 j 19:41	0°≈		desc. node	-510 Jan 30 j 03:56	0°≈	
	-513 Oct 14 j 13:13	0°≈			-510 Feb 09 j 02:31	12°≈03'33	
	-513 Nov 10 j 18:07	0°≈			-510 Feb 23 j 20:34	0°≈	
					-510 Mar 20 j 11:36	0°≈	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-510 Apr 14 j 01:52	0°♄		inferior conj	-508 Nov 09 j 13:26	12°♌18'17	-1°-55'-13
	-510 May 08 j 15:13	0°♅		minimum elong	-508 Nov 09 j 17:45	12°♌11'41	1°53'52
morning set	-510 May 11 j 18:08	3°♅49'07		min. Earth dist.	-508 Nov 09 j 14:25	12°♌16'46	0.26344 AU
asc. node	-510 Jun 02 j 05:07	0°♁07'00		morning rise	-508 Nov 15 j 19:16	8°♌40'41	
	-510 Jun 02 j 02:50	0°♁		asc. node	-508 Nov 16 j 23:56	8°♌04'04	
max. Earth dist.	-510 Jun 14 j 09:14	15°♁04'32	1.73471 AU	direct	-508 Nov 29 j 21:39	4°♌43'21	
				greatest brilliancy	-508 Dec 11 j 21:23	7°♌25'21	-4.7m
superior conj	-510 Jun 16 j 23:46	18°♁16'57	0°34'01		-507 Jan 11 j 11:18	0°♌	
minimum elong	-510 Jun 16 j 17:28	17°♁57'36	0°33'44	morning max el	-507 Jan 19 j 06:12	7°♌36'05	46°44'05
	-510 Jun 26 j 11:56	0°♄			-507 Feb 09 j 11:13	0°♄	
	-510 Jul 20 j 18:26	0°♄			-507 Mar 08 j 01:09	0°♄	
evening rise	-510 Jul 22 j 17:47	2°♄26'37		desc. node	-507 Mar 08 j 14:23	0°♄38'08	
	-510 Aug 13 j 23:16	0°♄			-507 Apr 02 j 18:23	0°♄	
	-510 Sep 07 j 03:54	0°♄			-507 Apr 28 j 01:25	0°♄	
desc. node	-510 Sep 21 j 19:17	18°♄07'39			-507 May 23 j 01:41	0°♄	
	-510 Oct 01 j 09:52	0°♌			-507 Jun 16 j 19:54	0°♁	
	-510 Oct 25 j 18:39	0°♌		asc. node	-507 Jun 29 j 17:04	15°♁44'07	
	-510 Nov 19 j 09:04	0°♄			-507 Jul 11 j 07:49	0°♄	
	-510 Dec 14 j 12:04	0°♄		morning set	-507 Jul 18 j 03:37	8°♄25'00	
asc. node	-509 Jan 09 j 21:11	0°♄			-507 Aug 04 j 13:44	0°♄	
evening max el	-509 Jan 12 j 21:44	3°♄16'36		max. Earth dist.	-507 Aug 20 j 04:03	19°♄26'01	1.72065 AU
	-509 Jan 25 j 05:26	16°♄06'33	46°24'21				
	-509 Feb 09 j 01:20	0°♄		superior conj	-507 Aug 23 j 23:48	24°♄12'31	1°24'30
greatest brilliancy	-509 Mar 01 j 08:12	14°♄10'59	-4.5m	minimum elong	-507 Aug 23 j 23:34	24°♄11'47	1°24'31
retrograde	-509 Mar 16 j 02:26	18°♄03'36			-507 Aug 28 j 15:00	0°♄	
evening set	-509 Apr 01 j 16:24	12°♄41'47			-507 Sep 21 j 13:46	0°♄	
inferior conj	-509 Apr 06 j 10:47	9°♄44'48	5°55'09	evening rise	-507 Oct 01 j 12:46	12°♄29'07	
minimum elong	-509 Apr 06 j 20:12	9°♄29'55	5°53'12		-507 Oct 15 j 12:01	0°♌	
min. Earth dist.	-509 Apr 06 j 14:14	9°♄39'21	0.28962 AU	desc. node	-507 Oct 19 j 07:10	0°♌45'35	
morning rise	-509 Apr 12 j 00:15	6°♄20'47			-507 Nov 08 j 11:06	0°♌	
direct	-509 Apr 27 j 23:29	1°♄26'07			-507 Dec 02 j 12:08	0°♄	
desc. node	-509 May 04 j 11:42	2°♄13'45			-507 Dec 26 j 17:13	0°♄	
greatest brilliancy	-509 May 10 j 17:23	4°♄18'55	-4.5m		-506 Jan 20 j 06:33	0°♄	
	-509 Jun 14 j 11:42	0°♅		asc. node	-506 Feb 09 j 09:39	24°♄02'19	
morning max el	-509 Jun 15 j 19:25	1°♅15'12	45°45'43		-506 Feb 14 j 11:38	0°♄	
	-509 Jul 13 j 16:41	0°♁			-506 Mar 12 j 23:02	0°♅	
	-509 Aug 09 j 06:03	0°♄		evening max el	-506 Apr 05 j 23:57	24°♅51'17	45°22'04
asc. node	-509 Aug 25 j 14:39	19°♄16'44			-506 Apr 11 j 11:14	0°♁	
	-509 Sep 03 j 12:54	0°♄		greatest brilliancy	-506 May 10 j 10:32	21°♁04'46	-4.5m
	-509 Sep 28 j 01:31	0°♄		retrograde	-506 May 24 j 11:10	24°♁30'47	
	-509 Oct 22 j 03:41	0°♄		desc. node	-506 May 31 j 23:47	23°♁24'04	
	-509 Nov 15 j 01:08	0°♌		evening set	-506 Jun 08 j 13:54	20°♁09'54	
	-509 Dec 08 j 21:41	0°♌		inferior conj	-506 Jun 14 j 22:46	16°♁22'52	-3°-11'-35
morning set	-509 Dec 15 j 05:33	7°♌56'56		minimum elong	-506 Jun 14 j 16:07	16°♁33'14	3°09'46
desc. node	-509 Dec 15 j 04:49	7°♌54'38		min. Earth dist.	-506 Jun 15 j 03:23	16°♁15'42	0.28879 AU
	-508 Jan 01 j 19:22	0°♄		morning rise	-506 Jun 20 j 17:54	12°♁53'11	
				direct	-506 Jul 06 j 14:39	8°♁05'50	
superior conj	-508 Jan 25 j 23:12	0°♄12'48	-1°-18'-10	greatest brilliancy	-506 Jul 20 j 22:15	11°♁38'47	-4.5m
minimum elong	-508 Jan 25 j 14:48	29°♄46'33	1°18'02		-506 Aug 15 j 15:17	0°♄	
	-508 Jan 25 j 19:06	0°♄		morning max el	-506 Aug 24 j 23:55	8°♄47'20	46°13'10
max. Earth dist.	-508 Jan 30 j 04:01	5°♄27'13	1.71943 AU		-506 Sep 14 j 08:05	0°♄	
	-508 Feb 18 j 21:34	0°♄		asc. node	-506 Sep 22 j 02:29	8°♄38'04	
evening rise	-508 Mar 05 j 16:57	19°♄34'38			-506 Oct 10 j 14:14	0°♄	
	-508 Mar 14 j 03:39	0°♄			-506 Nov 04 j 12:44	0°♄	
asc. node	-508 Apr 06 j 07:26	28°♄26'02			-506 Nov 28 j 21:25	0°♌	
	-508 Apr 07 j 14:10	0°♅			-506 Dec 23 j 01:04	0°♌	
	-508 May 02 j 05:53	0°♁		desc. node	-505 Jan 11 j 16:43	24°♌26'46	
	-508 May 27 j 03:54	0°♄			-505 Jan 16 j 03:57	0°♄	
	-508 Jun 21 j 10:44	0°♄			-505 Feb 09 j 07:51	0°♄	
	-508 Jul 17 j 08:08	0°♄		morning set	-505 Mar 01 j 04:42	24°♄36'11	
desc. node	-508 Jul 26 j 21:25	10°♄47'29			-505 Mar 05 j 13:29	0°♄	
	-508 Aug 13 j 10:02	0°♄			-505 Mar 29 j 21:04	0°♄	
evening max el	-508 Aug 30 j 23:15	18°♄03'52	46°49'32				
	-508 Sep 12 j 18:22	0°♌		superior conj	-505 Apr 08 j 04:43	11°♄28'21	0°-57'-21
greatest brilliancy	-508 Oct 09 j 02:51	17°♌44'58	-4.7m	minimum elong	-505 Apr 08 j 14:02	11°♄56'58	0°57'02
retrograde	-508 Oct 20 j 01:20	19°♌57'43		max. Earth dist.	-505 Apr 09 j 17:17	13°♄20'46	1.73395 AU
evening set	-508 Nov 03 j 16:15	15°♌45'02			-505 Apr 23 j 06:28	0°♅	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-505 May 04 j 19:24	14°♄10'08		greatest brilliancy	-503 Sep 29 j 09:00	20°♌54'23	-4.6m
evening rise	-505 May 15 j 00:45	26°♄42'29			-503 Oct 13 j 12:20	0°♍	
	-505 May 17 j 17:12	0°♎		asc. node	-503 Oct 19 j 14:12	5°♍00'24	
	-505 Jun 11 j 04:50	0°♏		morning max el	-503 Nov 04 j 21:37	20°♍30'48	46°51'18
	-505 Jul 05 j 17:41	0°♐			-503 Nov 13 j 22:38	0°♑	
	-505 Jul 30 j 09:04	0°♒			-503 Dec 10 j 13:14	0°♓	
desc. node	-505 Aug 24 j 09:21	0°♑12'30			-502 Jan 04 j 20:23	0°♈	
	-505 Aug 24 j 05:12	0°♒			-502 Jan 29 j 16:22	0°♉	
	-505 Sep 18 j 09:27	0°♓		desc. node	-502 Feb 08 j 04:32	11°♊32'52	
	-505 Oct 14 j 05:12	0°♈			-502 Feb 23 j 08:20	0°♋	
	-505 Nov 10 j 15:24	0°♉			-502 Mar 19 j 22:53	0°♌	
evening max el	-505 Nov 12 j 11:01	1°♊51'58	47°24'50		-502 Apr 13 j 12:49	0°♍	
	-505 Dec 15 j 11:08	0°♋			-502 May 08 j 01:54	0°♎	
asc. node	-505 Dec 15 j 12:01	0°♌01'17		morning set	-502 May 09 j 12:40	1°♏46'19	
greatest brilliancy	-505 Dec 20 j 08:10	2°♌35'41	-4.7m	asc. node	-502 Jun 01 j 07:20	29°♏41'24	
retrograde	-504 Jan 02 j 13:44	5°♌53'31			-502 Jun 01 j 13:24	0°♐	
evening set	-504 Jan 19 j 06:29	0°♍22'30		max. Earth dist.	-502 Jun 12 j 07:25	13°♐12'37	1.73494 AU
	-504 Jan 19 j 21:30	30°♑♊					
min. Earth dist.	-504 Jan 22 j 12:36	28°♊22'30	0.27581 AU	superior conj	-502 Jun 14 j 18:39	16°♐14'51	0°31'10
inferior conj	-504 Jan 23 j 11:56	27°♊45'51	7°51'36	minimum elong	-502 Jun 14 j 12:48	15°♐56'52	0°30'55
minimum elong	-504 Jan 23 j 04:10	27°♊58'03	7°50'34		-502 Jun 25 j 22:30	0°♑	
morning rise	-504 Jan 27 j 02:13	25°♊32'26			-502 Jul 20 j 05:08	0°♒	
direct	-504 Feb 13 j 03:51	19°♊51'37		evening rise	-502 Jul 20 j 12:15	0°♒22'01	
greatest brilliancy	-504 Feb 23 j 20:07	21°♊57'32	-4.6m		-502 Aug 13 j 10:11	0°♓	
	-504 Mar 09 j 08:06	0°♋			-502 Sep 06 j 15:09	0°♑	
morning max el	-504 Apr 02 j 08:47	20°♋31'34	46°03'07	desc. node	-502 Sep 20 j 21:20	17°♑38'23	
desc. node	-504 Apr 05 j 02:01	23°♋10'22			-502 Sep 30 j 21:32	0°♒	
	-504 Apr 11 j 21:33	0°♌			-502 Oct 25 j 06:52	0°♈	
	-504 May 09 j 21:14	0°♍			-502 Nov 18 j 22:06	0°♉	
	-504 Jun 05 j 06:24	0°♎			-502 Dec 14 j 02:30	0°♋	
	-504 Jun 30 j 19:23	0°♏			-501 Jan 09 j 14:51	0°♌	
	-504 Jul 25 j 17:57	0°♐		asc. node	-501 Jan 11 j 23:47	2°♌33'08	
asc. node	-504 Jul 27 j 04:51	1°♑46'05		evening max el	-501 Jan 22 j 21:10	13°♌51'57	46°27'03
	-504 Aug 19 j 05:01	0°♒			-501 Feb 09 j 08:09	0°♍	
	-504 Sep 12 j 07:36	0°♓		greatest brilliancy	-501 Feb 27 j 02:54	12°♍03'31	-4.6m
greatest brilliancy	-504 Sep 19 j 02:24	8°♍29'50	-3.9m	retrograde	-501 Mar 13 j 19:03	15°♍53'37	
morning set	-504 Sep 26 j 17:39	18°♍04'47		evening set	-501 Mar 30 j 11:37	10°♍28'10	
	-504 Oct 06 j 05:08	0°♎		inferior conj	-501 Apr 04 j 03:16	7°♎34'50	6°09'14
	-504 Oct 30 j 00:44	0°♏		minimum elong	-501 Apr 04 j 12:40	7°♎19'54	6°07'21
				min. Earth dist.	-501 Apr 04 j 06:01	7°♎30'27	0.28942 AU
superior conj	-504 Nov 05 j 17:02	8°♏24'57	0°23'39	morning rise	-501 Apr 09 j 14:01	4°♏14'25	
minimum elong	-504 Nov 05 j 23:06	8°♏44'03	0°23'21		-501 Apr 19 j 15:21	30°♑♌	
max. Earth dist.	-504 Nov 06 j 15:00	9°♏34'08	1.71001 AU	direct	-501 Apr 25 j 15:56	29°♌16'44	
desc. node	-504 Nov 15 j 19:07	21°♏07'11			-501 May 01 j 20:42	0°♍	
	-504 Nov 22 j 20:30	0°♈		desc. node	-501 May 03 j 13:55	0°♍26'21	
	-504 Dec 16 j 17:41	0°♉		greatest brilliancy	-501 May 08 j 06:19	2°♍05'58	-4.5m
evening rise	-504 Dec 17 j 16:03	1°♊10'09		morning max el	-501 Jun 13 j 10:57	29°♍04'54	45°45'33
	-503 Jan 09 j 17:20	0°♋			-501 Jun 14 j 09:59	0°♎	
	-503 Feb 02 j 21:06	0°♌			-501 Jul 13 j 08:10	0°♏	
	-503 Feb 27 j 07:28	0°♍			-501 Aug 08 j 19:12	0°♐	
asc. node	-503 Mar 08 j 21:36	11°♍39'02		asc. node	-501 Aug 24 j 16:44	18°♑45'59	
	-503 Mar 24 j 03:42	0°♎			-501 Sep 03 j 00:59	0°♒	
	-503 Apr 18 j 14:40	0°♏			-501 Sep 27 j 13:06	0°♓	
	-503 May 15 j 01:52	0°♐			-501 Oct 21 j 15:00	0°♑	
	-503 Jun 12 j 16:50	0°♒			-501 Nov 14 j 12:20	0°♓	
evening max el	-503 Jun 16 j 02:57	3°♒18'24	45°33'15		-501 Dec 08 j 08:49	0°♈	
desc. node	-503 Jun 28 j 11:40	14°♒28'23		morning set	-501 Dec 12 j 15:05	5°♈21'18	
	-503 Jul 21 j 15:17	0°♓		desc. node	-501 Dec 14 j 06:57	7°♈26'31	
greatest brilliancy	-503 Jul 23 j 16:38	0°♓50'27	-4.5m		-500 Jan 01 j 06:25	0°♉	
retrograde	-503 Aug 03 j 23:39	3°♓06'10					
	-503 Aug 16 j 14:24	30°♑♒		superior conj	-500 Jan 23 j 10:20	27°♊43'34	-1°-16'-34
evening set	-503 Aug 21 j 22:41	27°♒06'37		minimum elong	-500 Jan 23 j 01:13	27°♊15'06	1°16'23
inferior conj	-503 Aug 25 j 00:26	25°♒15'10	-8°-49'00		-500 Jan 25 j 06:03	0°♋	
minimum elong	-503 Aug 25 j 00:24	25°♒15'14	8°49'02	max. Earth dist.	-500 Jan 27 j 17:37	3°♋05'48	1.71885 AU
min. Earth dist.	-503 Aug 25 j 15:19	24°♒52'26	0.27866 AU		-500 Feb 18 j 08:28	0°♌	
morning rise	-503 Aug 28 j 01:58	23°♒23'49		evening rise	-500 Mar 03 j 06:46	17°♌15'20	
direct	-503 Sep 15 j 04:24	17°♒14'52			-500 Mar 13 j 14:33	0°♍	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-500 Apr 05 j 09:36	27°Υ58'57			-498 Nov 28 j 09:33	0°ℳ	
	-500 Apr 07 j 01:13	0°Ϡ			-498 Dec 22 j 12:48	0°Ϡ	
	-500 May 01 j 17:14	0°Π		desc. node	-497 Jan 10 j 18:43	23°Ϡ57'16	
	-500 May 26 j 15:47	0°Ϡ			-497 Jan 15 j 15:23	0°Ϡ	
	-500 Jun 20 j 23:35	0°Ω			-497 Feb 08 j 19:05	0°≈	
	-500 Jul 16 j 22:46	0°η		morning set	-497 Feb 26 j 18:30	22°≈16'01	
desc. node	-500 Jul 25 j 23:27	10°η09'28			-497 Mar 05 j 00:33	0°Ϡ	
	-500 Aug 13 j 04:33	0°♄			-497 Mar 29 j 08:02	0°Υ	
evening max el	-500 Aug 28 j 11:33	15°♄38'25	46°46'50				
	-500 Sep 13 j 02:48	0°ℳ		superior conj	-497 Apr 05 j 21:17	9°Υ18'00	0°-59'-46
greatest brilliancy	-500 Oct 06 j 17:33	15°ℳ18'55	-4.7m	minimum elong	-497 Apr 06 j 06:41	9°Υ46'56	0°59'26
retrograde	-500 Oct 17 j 12:42	17°ℳ28'37		max. Earth dist.	-497 Apr 07 j 11:36	11°Υ15'55	1.73363 AU
evening set	-500 Nov 01 j 06:18	13°ℳ13'37			-497 Apr 22 j 17:23	0°Ϡ	
inferior conj	-500 Nov 07 j 01:36	9°ℳ49'42	-2°-19'-11	asc. node	-497 May 03 j 21:32	13°Ϡ43'09	
minimum elong	-500 Nov 07 j 06:47	9°ℳ41'48	2°17'34	evening rise	-497 May 12 j 19:12	24°Ϡ38'21	
min. Earth dist.	-500 Nov 07 j 04:32	9°ℳ45'15	0.26361 AU		-497 May 17 j 04:09	0°Π	
morning rise	-500 Nov 13 j 07:08	6°ℳ12'12			-497 Jun 10 j 15:59	0°Ϡ	
asc. node	-500 Nov 16 j 02:10	4°ℳ50'12			-497 Jul 05 j 05:11	0°Ω	
direct	-500 Nov 27 j 09:30	2°ℳ14'15			-497 Jul 29 j 21:08	0°η	
greatest brilliancy	-500 Dec 09 j 12:53	4°ℳ59'29	-4.7m	desc. node	-497 Aug 23 j 11:26	29°η40'05	
	-499 Jan 11 j 13:37	0°Ϡ			-497 Aug 23 j 18:04	0°♄	
morning max el	-499 Jan 16 j 18:25	5°Ϡ07'54	46°45'11		-497 Sep 17 j 23:35	0°ℳ	
	-499 Feb 09 j 04:38	0°Ϡ			-497 Oct 13 j 21:36	0°Ϡ	
desc. node	-499 Mar 07 j 16:27	0°≈02'46		evening max el	-497 Nov 10 j 02:04	29°Ϡ30'37	47°25'30
	-499 Mar 07 j 15:29	0°≈			-497 Nov 10 j 13:37	0°Ϡ	
	-499 Apr 02 j 07:12	0°Ϡ		asc. node	-497 Dec 14 j 13:59	28°Ϡ29'16	
	-499 Apr 27 j 13:20	0°Υ			-497 Dec 17 j 11:57	0°≈	
	-499 May 22 j 13:04	0°Ϡ		greatest brilliancy	-497 Dec 17 j 23:20	0°≈13'29	-4.7m
	-499 Jun 16 j 06:57	0°Π		retrograde	-497 Dec 31 j 05:04	3°≈31'16	
asc. node	-499 Jun 28 j 19:05	15°Π16'50			-496 Jan 13 j 06:55	30°Ϡ	
	-499 Jul 10 j 18:42	0°Ϡ		evening set	-496 Jan 16 j 17:27	28°Ϡ05'31	
morning set	-499 Jul 15 j 21:06	6°Ϡ17'16		min. Earth dist.	-496 Jan 20 j 02:05	26°Ϡ02'03	0.27515 AU
	-499 Aug 04 j 00:32	0°Ω		inferior conj	-496 Jan 21 j 02:14	25°Ϡ24'13	7°42'12
max. Earth dist.	-499 Aug 17 j 20:31	17°Ω13'48	1.72120 AU	minimum elong	-496 Jan 20 j 17:59	25°Ϡ37'09	7°41'01
				morning rise	-496 Jan 24 j 18:56	23°Ϡ07'38	
superior conj	-499 Aug 21 j 16:07	21°Ω59'44	1°24'23	direct	-496 Feb 10 j 17:46	17°Ϡ30'59	
minimum elong	-499 Aug 21 j 15:08	21°Ω56'39	1°24'23	greatest brilliancy	-496 Feb 21 j 08:58	19°Ϡ36'34	-4.6m
	-499 Aug 28 j 01:50	0°η			-496 Mar 10 j 02:21	0°≈	
	-499 Sep 21 j 00:44	0°♄		morning max el	-496 Mar 31 j 00:12	18°≈17'03	46°04'16
evening rise	-499 Sep 29 j 01:30	10°♄04'05		desc. node	-496 Apr 04 j 04:15	22°≈21'56	
	-499 Oct 14 j 23:10	0°ℳ			-496 Apr 11 j 17:14	0°Ϡ	
desc. node	-499 Oct 18 j 09:23	4°ℳ17'32			-496 May 09 j 12:20	0°Υ	
	-499 Nov 07 j 22:27	0°Ϡ			-496 Jun 04 j 19:34	0°Ϡ	
	-499 Dec 01 j 23:44	0°Ϡ			-496 Jun 30 j 07:32	0°Π	
	-499 Dec 26 j 05:11	0°≈			-496 Jul 25 j 05:33	0°Ϡ	
	-498 Jan 19 j 19:07	0°Ϡ		asc. node	-496 Jul 26 j 06:54	1°Ϡ17'07	
asc. node	-498 Feb 08 j 11:41	23°Ϡ28'47			-496 Aug 18 j 16:20	0°Ω	
	-498 Feb 14 j 01:23	0°Υ			-496 Sep 11 j 18:49	0°η	
	-498 Mar 12 j 15:29	0°Ϡ		greatest brilliancy	-496 Sep 20 j 02:22	10°η25'08	-3.9m
evening max el	-498 Apr 03 j 14:47	22°Ϡ37'54	45°23'17	morning set	-496 Sep 24 j 07:11	15°η41'27	
	-498 Apr 11 j 12:45	0°Π			-496 Oct 05 j 16:20	0°♄	
greatest brilliancy	-498 May 07 j 23:35	18°Π51'48	-4.5m		-496 Oct 29 j 11:57	0°ℳ	
retrograde	-498 May 22 j 03:25	22°Π21'48					
desc. node	-498 May 31 j 01:52	20°Π47'23		superior conj	-496 Nov 03 j 03:14	5°ℳ50'30	0°27'25
evening set	-498 Jun 06 j 05:09	18°Π01'15		minimum elong	-496 Nov 03 j 10:08	6°ℳ12'15	0°27'05
inferior conj	-498 Jun 12 j 14:54	14°Π13'12	-2°-52'-54	max. Earth dist.	-496 Nov 03 j 22:53	6°ℳ52'25	1.71002 AU
minimum elong	-498 Jun 12 j 08:48	14°Π22'40	2°51'13	desc. node	-496 Nov 14 j 21:12	20°ℳ38'23	
min. Earth dist.	-498 Jun 12 j 19:39	14°Π05'48	0.28896 AU		-496 Nov 22 j 07:44	0°Ϡ	
morning rise	-498 Jun 18 j 12:03	10°Π40'50		evening rise	-496 Dec 15 j 01:58	28°Ϡ35'27	
direct	-498 Jul 04 j 06:36	5°Π55'36			-496 Dec 16 j 04:56	0°Ϡ	
greatest brilliancy	-498 Jul 18 j 15:24	9°Π29'51	-4.5m		-495 Jan 09 j 04:39	0°≈	
	-498 Aug 15 j 17:25	0°Ϡ			-495 Feb 02 j 08:33	0°Ϡ	
morning max el	-498 Aug 22 j 15:47	6°Ϡ34'30	46°11'56		-495 Feb 26 j 19:10	0°Υ	
	-498 Sep 14 j 00:51	0°Ω		asc. node	-495 Mar 07 j 23:45	11°Υ09'30	
asc. node	-498 Sep 21 j 04:36	7°Ω59'38			-495 Mar 23 j 16:00	0°Ϡ	
	-498 Oct 10 j 04:13	0°η			-495 Apr 18 j 04:06	0°Π	
	-498 Nov 04 j 01:31	0°♄			-495 May 14 j 17:43	0°Ϡ	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 82

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-495 Jun 12 j 15:20	0°Ω			-493 Nov 13 j 23:48	0°ℳ	
evening max el	-495 Jun 13 j 18:04	1°Ω04'02	45°31'29		-493 Dec 07 j 20:12	0°♂	
desc. node	-495 Jun 27 j 13:42	13°Ω26'23		morning set	-493 Dec 10 j 00:32	2°♂44'27	
greatest brilliancy	-495 Jul 21 j 04:27	28°Ω30'18	-4.5m	desc. node	-493 Dec 13 j 08:53	6°♂56'56	
	-495 Jul 26 j 00:17	0°♐			-493 Dec 31 j 17:44	0°♂	
retrograde	-495 Aug 01 j 13:04	0°♐47'01					
	-495 Aug 07 j 20:39	30°♐Ω		superior conj	-492 Jan 20 j 21:27	25°♂13'24	-1°-14'-48
evening set	-495 Aug 19 j 11:17	24°Ω49'17		minimum elong	-492 Jan 20 j 11:42	24°♂42'56	1°14'36
inferior conj	-495 Aug 22 j 14:25	22°Ω55'31	-8°-48'-4		-492 Jan 24 j 17:16	0°≈	
minimum elong	-495 Aug 22 j 13:29	22°Ω56'56	8°48'03	max. Earth dist.	-492 Jan 25 j 04:14	0°≈34'12	1.71826 AU
min. Earth dist.	-495 Aug 23 j 04:33	22°Ω33'51	0.27920 AU		-492 Feb 17 j 19:36	0°♐	
morning rise	-495 Aug 25 j 15:32	21°Ω04'28		evening rise	-492 Feb 29 j 20:35	14°♐55'11	
direct	-495 Sep 12 j 19:21	14°Ω54'36			-492 Mar 13 j 01:41	0°♑	
greatest brilliancy	-495 Sep 26 j 23:04	18°Ω32'36	-4.6m	asc. node	-492 Apr 04 j 11:45	27°♑31'06	
	-495 Oct 14 j 01:43	0°♐			-492 Apr 06 j 12:28	0°♐	
asc. node	-495 Oct 18 j 16:25	3°♐56'05			-492 May 01 j 04:48	0°♐	
morning max el	-495 Nov 02 j 11:30	18°♐06'14	46°50'26		-492 May 26 j 03:57	0°♐	
	-495 Nov 13 j 18:09	0°♐			-492 Jun 20 j 12:47	0°Ω	
	-495 Dec 10 j 04:41	0°♐			-492 Jul 16 j 13:56	0°♐	
	-494 Jan 04 j 10:02	0°♂		desc. node	-492 Jul 25 j 01:32	9°♐30'07	
	-494 Jan 29 j 05:01	0°♂			-492 Aug 13 j 00:03	0°♐	
desc. node	-494 Feb 07 j 06:38	11°♂01'39		evening max el	-492 Aug 25 j 23:25	13°♐10'50	46°44'09
	-494 Feb 22 j 20:19	0°≈			-492 Sep 13 j 14:52	0°♐	
	-494 Mar 19 j 10:25	0°♐		greatest brilliancy	-492 Oct 04 j 07:38	12°♐50'52	-4.6m
	-494 Apr 13 j 00:02	0°♑		retrograde	-492 Oct 15 j 00:09	14°♐58'23	
morning set	-494 May 07 j 07:06	29°♑42'09		evening set	-492 Oct 29 j 20:20	10°♐40'26	
	-494 May 07 j 12:56	0°♐		inferior conj	-492 Nov 04 j 13:37	7°♐19'49	-2°-42'-55
asc. node	-494 May 31 j 09:19	29°♐13'51		minimum elong	-492 Nov 04 j 19:37	7°♐10'41	2°41'04
	-494 Jun 01 j 00:22	0°♐		min. Earth dist.	-492 Nov 04 j 18:24	7°♐12'31	0.26379 AU
max. Earth dist.	-494 Jun 10 j 03:25	11°♐12'52	1.73520 AU	morning rise	-492 Nov 10 j 18:37	3°♐43'00	
				asc. node	-492 Nov 15 j 04:06	1°♐40'09	
superior conj	-494 Jun 12 j 13:19	14°♐10'53	0°28'16		-492 Nov 21 j 05:56	30°♐♐	
minimum elong	-494 Jun 12 j 07:57	13°♐54'23	0°28'01	direct	-492 Nov 24 j 21:10	29°♐43'40	
	-494 Jun 25 j 09:30	0°♐			-492 Nov 28 j 13:57	0°♐	
evening rise	-494 Jul 18 j 06:24	28°♐15'17		greatest brilliancy	-492 Dec 07 j 04:28	2°♐32'52	-4.7m
	-494 Jul 19 j 16:15	0°Ω			-491 Jan 11 j 14:50	0°♂	
	-494 Aug 12 j 21:30	0°♐		morning max el	-491 Jan 14 j 07:27	2°♂41'02	46°46'22
	-494 Sep 06 j 02:47	0°♐			-491 Feb 08 j 21:52	0°♂	
desc. node	-494 Sep 19 j 23:30	17°♐08'22		desc. node	-491 Mar 06 j 18:34	29°♂27'22	
	-494 Sep 30 j 09:35	0°♐			-491 Mar 07 j 05:50	0°≈	
	-494 Oct 24 j 19:30	0°♂			-491 Apr 01 j 20:04	0°♐	
	-494 Nov 18 j 11:34	0°♂			-491 Apr 27 j 01:19	0°♑	
	-494 Dec 13 j 17:26	0°≈			-491 May 22 j 00:31	0°♐	
	-493 Jan 09 j 09:16	0°♐			-491 Jun 15 j 18:05	0°♐	
asc. node	-493 Jan 11 j 01:54	1°♐48'28		asc. node	-491 Jun 27 j 21:10	14°♐49'28	
evening max el	-493 Jan 20 j 12:09	11°♐34'23	46°29'49		-491 Jul 10 j 05:40	0°♐	
	-493 Feb 09 j 17:55	0°♑		morning set	-491 Jul 13 j 14:43	4°♐09'45	
greatest brilliancy	-493 Feb 24 j 21:25	9°♑55'02	-4.6m		-491 Aug 03 j 11:30	0°Ω	
retrograde	-493 Mar 11 j 11:26	13°♑43'11		max. Earth dist.	-491 Aug 15 j 13:42	15°Ω03'19	1.72181 AU
evening set	-493 Mar 28 j 06:56	8°♑14'04					
inferior conj	-493 Apr 01 j 19:52	5°♑24'31	6°22'39	superior conj	-491 Aug 19 j 08:23	19°Ω46'14	1°24'08
minimum elong	-493 Apr 02 j 05:14	5°♑09'38	6°20'51	minimum elong	-491 Aug 19 j 06:39	19°Ω40'49	1°24'07
min. Earth dist.	-493 Apr 01 j 22:10	5°♑20'51	0.28922 AU		-491 Aug 27 j 12:53	0°♐	
morning rise	-493 Apr 07 j 03:48	2°♑07'46			-491 Sep 20 j 11:56	0°♐	
	-493 Apr 11 j 05:18	30°♐♐		evening rise	-491 Sep 26 j 14:03	7°♐37'50	
direct	-493 Apr 23 j 07:53	27°♐06'57			-491 Oct 14 j 10:32	0°♐	
desc. node	-493 May 02 j 15:57	28°♐42'13		desc. node	-491 Oct 17 j 11:25	3°♐48'13	
greatest brilliancy	-493 May 05 j 19:46	29°♐53'03	-4.5m		-491 Nov 07 j 10:00	0°♂	
	-493 May 06 j 02:21	0°♑			-491 Dec 01 j 11:30	0°♂	
morning max el	-493 Jun 11 j 01:59	26°♑52'28	45°45'16		-491 Dec 25 j 17:17	0°≈	
	-493 Jun 14 j 07:47	0°♐			-490 Jan 19 j 07:51	0°♐	
	-493 Jul 12 j 23:50	0°♐		asc. node	-490 Feb 07 j 13:50	22°♐55'13	
	-493 Aug 08 j 08:41	0°♐			-490 Feb 13 j 15:19	0°♑	
asc. node	-493 Aug 23 j 18:53	18°♐14'22			-490 Mar 12 j 08:16	0°♐	
	-493 Sep 02 j 13:26	0°Ω		evening max el	-490 Apr 01 j 06:44	20°♐27'20	45°24'40
	-493 Sep 27 j 01:00	0°♐			-490 Apr 11 j 15:40	0°♐	
	-493 Oct 21 j 02:37	0°♐		greatest brilliancy	-490 May 05 j 13:11	16°♐40'05	-4.5m

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

retrograde	-490 May 19 j 20:16	20°II13'33		superior conj	-488 Oct 31 j 13:44	3°M17'44	0°31'06
desc. node	-490 May 30 j 03:50	18°II07'32		minimum elong	-488 Oct 31 j 21:23	3°M41'50	0°30'44
evening set	-490 Jun 03 j 20:52	15°II53'20		max. Earth dist.	-488 Nov 01 j 05:10	4°M06'21	1.71012 AU
inferior conj	-490 Jun 10 j 07:14	12°II04'17	-2°-34'-4	desc. node	-488 Nov 13 j 23:13	20°M09'55	
minimum elong	-490 Jun 10 j 01:45	12°II12'48	2°32'32		-488 Nov 21 j 18:48	0°J	
min. Earth dist.	-490 Jun 10 j 11:50	11°II57'09	0.28911 AU	evening rise	-488 Dec 12 j 11:31	25°J59'57	
morning rise	-490 Jun 16 j 06:19	8°II29'31			-488 Dec 15 j 16:04	0°Z	
direct	-490 Jul 01 j 23:15	3°II46'22			-487 Jan 08 j 15:52	0°≈	
greatest brilliancy	-490 Jul 16 j 07:53	7°II20'54	-4.5m		-487 Feb 01 j 19:52	0°K	
	-490 Aug 15 j 18:05	0°S			-487 Feb 26 j 06:46	0°Y	
morning max el	-490 Aug 20 j 08:27	4°S24'06	46°10'26	asc. node	-487 Mar 07 j 01:51	10°Y40'18	
	-490 Sep 13 j 17:18	0°Q			-487 Mar 23 j 04:08	0°B	
asc. node	-490 Sep 20 j 06:45	7°Q21'37			-487 Apr 17 j 17:24	0°II	
	-490 Oct 09 j 18:10	0°M			-487 May 14 j 09:32	0°S	
	-490 Nov 03 j 14:20	0°A		evening max el	-487 Jun 11 j 08:48	28°S49'49	45°29'50
	-490 Nov 27 j 21:46	0°M			-487 Jun 12 j 14:21	0°Q	
	-490 Dec 22 j 00:35	0°J		desc. node	-487 Jun 26 j 15:51	12°Q24'21	
desc. node	-489 Jan 09 j 20:54	23°J28'10		greatest brilliancy	-487 Jul 18 j 17:07	26°Q12'43	-4.5m
	-489 Jan 15 j 02:52	0°Z		retrograde	-487 Jul 30 j 02:18	28°Q30'07	
	-489 Feb 08 j 06:19	0°≈		evening set	-487 Aug 16 j 23:47	22°Q34'51	
morning set	-489 Feb 24 j 08:07	19°≈55'15		inferior conj	-487 Aug 20 j 04:44	20°Q38'14	-8°-46'-8
	-489 Mar 04 j 11:36	0°K		minimum elong	-487 Aug 20 j 02:56	20°Q40'59	8°46'06
	-489 Mar 28 j 18:56	0°Y		min. Earth dist.	-487 Aug 20 j 18:27	20°Q17'09	0.27971 AU
				morning rise	-487 Aug 23 j 05:55	18°Q46'48	
superior conj	-489 Apr 03 j 13:50	7°Y07'43	-1°-2'-4	direct	-487 Sep 10 j 10:05	12°Q36'36	
minimum elong	-489 Apr 03 j 23:17	7°Y36'49	1°01'46	greatest brilliancy	-487 Sep 24 j 13:44	16°Q13'32	-4.6m
max. Earth dist.	-489 Apr 05 j 07:23	9°Y15'37	1.73329 AU		-487 Oct 14 j 11:01	0°M	
	-489 Apr 22 j 04:14	0°B		asc. node	-487 Oct 17 j 18:21	2°M54'18	
asc. node	-489 May 02 j 23:32	13°B15'59		morning max el	-487 Oct 31 j 00:41	15°M41'21	46°49'30
evening rise	-489 May 10 j 13:50	22°B35'03			-487 Nov 13 j 12:40	0°A	
	-489 May 16 j 15:02	0°II			-487 Dec 09 j 19:33	0°M	
	-489 Jun 10 j 03:02	0°S			-486 Jan 03 j 23:19	0°J	
	-489 Jul 04 j 16:35	0°Q			-486 Jan 28 j 17:23	0°Z	
	-489 Jul 29 j 09:05	0°M		desc. node	-486 Feb 06 j 08:46	10°Z31'17	
desc. node	-489 Aug 22 j 13:36	29°M08'15			-486 Feb 22 j 08:05	0°≈	
	-489 Aug 23 j 06:53	0°A			-486 Mar 18 j 21:44	0°K	
	-489 Sep 17 j 13:46	0°M			-486 Apr 12 j 10:59	0°Y	
	-489 Oct 13 j 14:19	0°J		morning set	-486 May 05 j 01:14	27°Y37'58	
evening max el	-489 Nov 07 j 17:58	27°J11'01	47°25'49		-486 May 06 j 23:40	0°B	
	-489 Nov 10 j 12:52	0°Z		asc. node	-486 May 30 j 11:25	28°B47'38	
asc. node	-489 Dec 13 j 16:06	26°Z53'20			-486 May 31 j 10:59	0°II	
greatest brilliancy	-489 Dec 15 j 15:03	27°Z51'01	-4.7m	max. Earth dist.	-486 Jun 07 j 23:12	9°II13'31	1.73543 AU
	-489 Dec 21 j 07:01	0°≈					
retrograde	-489 Dec 28 j 20:11	1°≈07'26		superior conj	-486 Jun 10 j 07:56	12°II07'55	0°25'19
	-488 Jan 05 j 03:10	30°RZ		minimum elong	-486 Jun 10 j 03:05	11°II52'58	0°25'06
evening set	-488 Jan 14 j 04:02	25°Z47'29			-486 Jun 24 j 20:09	0°S	
min. Earth dist.	-488 Jan 17 j 15:18	23°Z40'14	0.27443 AU	evening rise	-486 Jul 16 j 00:48	26°S10'26	
inferior conj	-488 Jan 18 j 16:11	23°Z01'16	7°31'50		-486 Jul 19 j 03:02	0°Q	
minimum elong	-488 Jan 18 j 07:29	23°Z14'54	7°30'30		-486 Aug 12 j 08:30	0°M	
morning rise	-488 Jan 22 j 11:24	20°Z41'16			-486 Sep 05 j 14:05	0°A	
direct	-488 Feb 08 j 07:38	15°Z09'25		desc. node	-486 Sep 19 j 01:31	16°A39'04	
greatest brilliancy	-488 Feb 18 j 20:42	17°Z13'39	-4.6m		-486 Sep 29 j 21:17	0°M	
	-488 Mar 10 j 16:04	0°≈			-486 Oct 24 j 07:46	0°J	
morning max el	-488 Mar 28 j 15:07	16°≈01'26	46°05'34		-486 Nov 18 j 00:41	0°Z	
desc. node	-488 Apr 03 j 06:19	21°≈34'12			-486 Dec 13 j 08:08	0°≈	
	-488 Apr 11 j 12:15	0°K			-485 Jan 09 j 03:48	0°K	
	-488 May 09 j 03:02	0°Y		asc. node	-485 Jan 10 j 04:01	1°K04'09	
	-488 Jun 04 j 08:25	0°B		evening max el	-485 Jan 18 j 02:20	9°K15'29	46°32'22
	-488 Jun 29 j 19:25	0°II			-485 Feb 10 j 06:48	0°Y	
	-488 Jul 24 j 16:53	0°S		greatest brilliancy	-485 Feb 22 j 14:58	7°Y45'22	-4.6m
asc. node	-488 Jul 25 j 09:06	0°S49'20		retrograde	-485 Mar 09 j 03:32	11°Y32'50	
	-488 Aug 18 j 03:24	0°Q		evening set	-485 Mar 26 j 02:01	5°Y59'49	
	-488 Sep 11 j 05:46	0°M		inferior conj	-485 Mar 30 j 12:18	3°Y14'16	6°35'32
greatest brilliancy	-488 Sep 20 j 21:33	12°M06'16	-3.9m	minimum elong	-485 Mar 30 j 21:33	2°Y59'33	6°33'51
morning set	-488 Sep 21 j 21:13	13°M20'31		min. Earth dist.	-485 Mar 30 j 14:24	3°Y10'56	0.28901 AU
	-488 Oct 05 j 03:17	0°A		morning rise	-485 Apr 04 j 17:18	0°Y01'28	
	-488 Oct 28 j 22:57	0°M			-485 Apr 04 j 18:19	30°RK	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

direct	-485 Apr 20 j 23:14	24° H 57'00			-483 Oct 13 j 21:38	0° M	
desc. node	-485 May 01 j 17:57	27° H 02'00		desc. node	-483 Oct 16 j 13:25	3° M 19'42	
greatest brilliancy	-485 May 03 j 10:07	27° H 41'28	-4.5m		-483 Nov 06 j 21:17	0° J	
	-485 May 08 j 05:54	0° Y			-483 Nov 30 j 23:01	0° Z	
morning max el	-485 Jun 08 j 17:00	24° Y 40'42	45°45'13		-483 Dec 25 j 05:09	0° \approx	
	-485 Jun 14 j 04:29	0° X			-482 Jan 18 j 20:19	0° H	
	-485 Jul 12 j 14:52	0° II		asc. node	-482 Feb 06 j 15:55	22° H 22'19	
	-485 Aug 07 j 21:39	0° S			-482 Feb 13 j 05:03	0° Y	
asc. node	-485 Aug 22 j 20:56	17° S 43'46			-482 Mar 12 j 01:02	0° X	
	-485 Sep 02 j 01:25	0° Q		evening max el	-482 Mar 29 j 23:18	18° X 19'01	45°25'55
	-485 Sep 26 j 12:29	0° M			-482 Apr 11 j 19:58	0° II	
	-485 Oct 20 j 13:50	0° A		greatest brilliancy	-482 May 03 j 03:44	14° II 30'03	-4.5m
	-485 Nov 13 j 10:52	0° M		retrograde	-482 May 17 j 12:58	18° II 05'23	
morning set	-485 Dec 07 j 10:27	0° J 10'20		desc. node	-482 May 29 j 06:03	15° II 23'28	
	-485 Dec 07 j 07:10	0° J		evening set	-482 Jun 01 j 12:43	13° II 45'35	
desc. node	-485 Dec 12 j 11:06	6° J 29'29		inferior conj	-482 Jun 07 j 23:29	9° II 55'33	-2°-14'-58
	-485 Dec 31 j 04:36	0° Z		minimum elong	-482 Jun 07 j 18:38	10° II 03'06	2°13'37
				min. Earth dist.	-482 Jun 08 j 03:51	9° II 48'46	0.28927 AU
superior conj	-484 Jan 18 j 08:43	22° Z 44'53	-1°-12'-54	morning rise	-482 Jun 14 j 00:20	6° II 18'25	
minimum elong	-484 Jan 17 j 22:25	22° Z 12'41	1°12'40	direct	-482 Jun 29 j 16:09	1° II 37'27	
max. Earth dist.	-484 Jan 22 j 12:57	27° Z 57'55	1.71774 AU	greatest brilliancy	-482 Jul 13 j 23:22	5° II 10'58	-4.5m
	-484 Jan 24 j 04:05	0° \approx			-482 Aug 15 j 17:29	0° S	
	-484 Feb 17 j 06:23	0° H		morning max el	-482 Aug 18 j 00:55	2° S 13'47	46°08'59
evening rise	-484 Feb 27 j 10:17	12° H 35'39			-482 Sep 13 j 09:18	0° Q	
	-484 Mar 12 j 12:31	0° Y		asc. node	-482 Sep 19 j 08:46	6° Q 44'10	
asc. node	-484 Apr 03 j 13:42	27° Y 03'35			-482 Oct 09 j 07:47	0° M	
	-484 Apr 05 j 23:27	0° X			-482 Nov 03 j 02:53	0° A	
	-484 Apr 30 j 16:06	0° II			-482 Nov 27 j 09:43	0° M	
	-484 May 25 j 15:50	0° S			-482 Dec 21 j 12:10	0° J	
	-484 Jun 20 j 01:45	0° Q		desc. node	-481 Jan 08 j 22:57	22° J 59'14	
	-484 Jul 16 j 04:56	0° M			-481 Jan 14 j 14:09	0° Z	
desc. node	-484 Jul 24 j 03:40	8° M 51'45			-481 Feb 07 j 17:22	0° \approx	
	-484 Aug 12 j 19:41	0° A		morning set	-481 Feb 21 j 21:43	17° \approx 34'56	
evening max el	-484 Aug 23 j 11:42	10° A 45'42	46°41'31		-481 Mar 03 j 22:28	0° H	
	-484 Sep 14 j 06:13	0° M			-481 Mar 28 j 05:40	0° Y	
greatest brilliancy	-484 Oct 01 j 20:46	10° M 23'07	-4.6m				
retrograde	-484 Oct 12 j 12:05	12° M 29'40		superior conj	-481 Apr 01 j 06:21	4° Y 57'47	-1°-4'-17
evening set	-484 Oct 27 j 10:34	8° M 08'16		minimum elong	-481 Apr 01 j 15:48	5° Y 26'54	1°04'00
inferior conj	-484 Nov 02 j 01:38	4° M 51'06	-3°-6'-13	max. Earth dist.	-481 Apr 03 j 05:08	7° Y 21'53	1.73293 AU
minimum elong	-484 Nov 02 j 08:25	4° M 40'49	3°04'10		-481 Apr 21 j 14:55	0° X	
min. Earth dist.	-484 Nov 02 j 08:01	4° M 41'25	0.26401 AU	asc. node	-481 May 02 j 01:40	12° X 49'39	
morning rise	-484 Nov 08 j 05:54	1° M 15'33		evening rise	-481 May 08 j 08:25	20° X 31'58	
	-484 Nov 10 j 18:47	30° R A			-481 May 16 j 01:48	0° II	
asc. node	-484 Nov 14 j 06:15	28° A 36'42			-481 Jun 09 j 14:01	0° S	
direct	-484 Nov 22 j 09:27	27° A 14'14			-481 Jul 04 j 03:58	0° Q	
	-484 Dec 04 j 13:09	0° M			-481 Jul 28 j 21:03	0° M	
greatest brilliancy	-484 Dec 04 j 19:51	0° M 07'16	-4.7m	desc. node	-481 Aug 21 j 15:35	28° M 35'52	
	-483 Jan 11 j 14:23	0° J			-481 Aug 22 j 19:44	0° A	
morning max el	-483 Jan 11 j 21:27	0° J 17'47	46°47'35		-481 Sep 17 j 04:01	0° M	
	-483 Feb 08 j 14:19	0° Z			-481 Oct 13 j 07:15	0° J	
desc. node	-483 Mar 05 j 20:38	28° Z 53'11		evening max el	-481 Nov 05 j 09:46	24° J 51'26	47°25'59
	-483 Mar 06 j 19:38	0° \approx			-481 Nov 10 j 13:03	0° Z	
	-483 Apr 01 j 08:30	0° H		asc. node	-481 Dec 12 j 18:17	25° Z 14'01	
	-483 Apr 26 j 12:59	0° Y		greatest brilliancy	-481 Dec 13 j 07:30	25° Z 29'33	-4.7m
	-483 May 21 j 11:42	0° X		retrograde	-481 Dec 26 j 10:56	28° Z 43'13	
	-483 Jun 15 j 04:58	0° II		evening set	-480 Jan 11 j 14:34	23° Z 29'23	
asc. node	-483 Jun 26 j 23:21	14° II 23'10		min. Earth dist.	-480 Jan 15 j 04:45	21° Z 17'47	0.27371 AU
	-483 Jul 09 j 16:23	0° S		inferior conj	-480 Jan 16 j 06:03	20° Z 38'10	7°20'40
morning set	-483 Jul 11 j 08:17	2° S 02'56		minimum elong	-480 Jan 15 j 20:57	20° Z 52'25	7°19'09
	-483 Aug 02 j 22:10	0° Q		morning rise	-480 Jan 20 j 03:52	18° Z 14'21	
max. Earth dist.	-483 Aug 13 j 06:54	12° Q 53'57	1.72237 AU	direct	-480 Feb 05 j 21:18	12° Z 47'45	
				greatest brilliancy	-480 Feb 16 j 08:34	14° Z 50'28	-4.6m
superior conj	-483 Aug 17 j 00:39	17° Q 33'47	1°23'44		-480 Mar 11 j 02:15	0° \approx	
minimum elong	-483 Aug 16 j 22:12	17° Q 26'07	1°23'44	morning max el	-480 Mar 26 j 05:14	13° \approx 43'52	46°06'55
	-483 Aug 26 j 23:38	0° M		desc. node	-480 Apr 02 j 08:18	20° \approx 47'09	
	-483 Sep 19 j 22:50	0° A			-480 Apr 11 j 06:42	0° H	
evening rise	-483 Sep 24 j 02:50	5° A 13'15			-480 May 08 j 17:30	0° Y	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 85

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-480 Jun 03 j 21:08	0°♄		evening max el	-477 Jan 15 j 16:17	6°♄54'53	46°35'11
	-480 Jun 29 j 07:14	0°♂			-477 Feb 11 j 00:41	0°♂	
asc. node	-480 Jul 24 j 11:06	0°♂20'53		greatest brilliancy	-477 Feb 20 j 07:26	5°♂33'17	-4.6m
	-480 Jul 24 j 04:14	0°♂		retrograde	-477 Mar 06 j 19:51	9°♂21'40	
	-480 Aug 17 j 14:33	0°♂		evening set	-477 Mar 23 j 21:04	3°♂44'22	
	-480 Sep 10 j 16:50	0°♄		inferior conj	-477 Mar 28 j 04:44	1°♂02'57	6°47'55
morning set	-480 Sep 19 j 11:03	10°♄58'40		minimum elong	-477 Mar 28 j 13:49	0°♂48'31	6°46'20
	-480 Oct 04 j 14:20	0°♂		min. Earth dist.	-477 Mar 28 j 06:26	1°♂00'15	0.28881 AU
	-480 Oct 28 j 10:01	0°♄			-477 Mar 29 j 20:28	30°♄	
				morning rise	-477 Apr 02 j 06:44	27°♄54'28	
superior conj	-480 Oct 29 j 00:13	0°♄44'43	0°34'43	direct	-477 Apr 18 j 14:36	22°♄45'50	
minimum elong	-480 Oct 29 j 08:33	1°♄10'58	0°34'20	desc. node	-477 Apr 30 j 20:12	25°♄24'37	
max. Earth dist.	-480 Oct 29 j 08:18	1°♄10'10	1.71020 AU	greatest brilliancy	-477 May 01 j 01:11	25°♄29'46	-4.5m
desc. node	-480 Nov 13 j 01:23	19°♄41'43			-477 May 09 j 16:24	0°♂	
	-480 Nov 21 j 05:55	0°♄		morning max el	-477 Jun 06 j 08:51	22°♂30'00	45°45'18
evening rise	-480 Dec 09 j 20:55	23°♄23'46			-477 Jun 14 j 00:53	0°♄	
	-480 Dec 15 j 03:16	0°♄			-477 Jul 12 j 06:03	0°♂	
	-479 Jan 08 j 03:09	0°♄			-477 Aug 07 j 10:50	0°♂	
	-479 Feb 01 j 07:18	0°♄		asc. node	-477 Aug 21 j 22:59	17°♂12'24	
	-479 Feb 25 j 18:28	0°♂			-477 Sep 01 j 13:39	0°♂	
asc. node	-479 Mar 06 j 03:51	10°♂10'24			-477 Sep 26 j 00:15	0°♄	
	-479 Mar 22 j 16:26	0°♄			-477 Oct 20 j 01:23	0°♂	
	-479 Apr 17 j 06:55	0°♂			-477 Nov 12 j 22:20	0°♄	
	-479 May 14 j 01:43	0°♂		morning set	-477 Dec 04 j 20:03	27°♄33'43	
evening max el	-479 Jun 08 j 22:30	26°♂32'50	45°28'10		-477 Dec 06 j 18:34	0°♄	
	-479 Jun 12 j 14:36	0°♂		desc. node	-477 Dec 11 j 13:11	6°♄00'19	
desc. node	-479 Jun 25 j 17:56	11°♂20'10			-477 Dec 30 j 15:55	0°♄	
greatest brilliancy	-479 Jul 16 j 05:13	23°♂53'58	-4.5m				
retrograde	-479 Jul 27 j 15:18	26°♂12'47		superior conj	-476 Jan 15 j 19:20	20°♄12'57	-1°-10'-49
evening set	-479 Aug 14 j 11:44	20°♂20'16		minimum elong	-476 Jan 15 j 08:33	19°♄39'12	1°10'32
inferior conj	-479 Aug 17 j 18:58	18°♂20'16	-8°-43'-17	max. Earth dist.	-476 Jan 19 j 19:32	25°♄13'32	1.71720 AU
minimum elong	-479 Aug 17 j 16:18	18°♂24'23	8°43'12		-476 Jan 23 j 15:18	0°♄	
min. Earth dist.	-479 Aug 18 j 08:29	17°♂59'30	0.28027 AU		-476 Feb 16 j 17:33	0°♄	
morning rise	-479 Aug 20 j 20:39	16°♂27'57		evening rise	-476 Feb 24 j 23:34	10°♄13'40	
direct	-479 Sep 08 j 00:30	10°♂17'36			-476 Mar 11 j 23:44	0°♂	
greatest brilliancy	-479 Sep 22 j 05:38	13°♂55'13	-4.6m	asc. node	-476 Apr 02 j 15:53	26°♂35'34	
	-479 Oct 14 j 18:11	0°♄			-476 Apr 05 j 10:50	0°♄	
asc. node	-479 Oct 16 j 20:31	1°♄53'29			-476 Apr 30 j 03:49	0°♂	
morning max el	-479 Oct 28 j 13:44	13°♄15'09	46°48'38		-476 May 25 j 04:10	0°♂	
	-479 Nov 13 j 07:05	0°♂			-476 Jun 19 j 15:12	0°♂	
	-479 Dec 09 j 10:31	0°♄			-476 Jul 15 j 20:31	0°♄	
	-478 Jan 03 j 12:43	0°♄		desc. node	-476 Jul 23 j 05:42	8°♄11'44	
	-478 Jan 28 j 05:53	0°♄			-476 Aug 12 j 16:17	0°♂	
desc. node	-478 Feb 05 j 10:46	10°♄00'04		evening max el	-476 Aug 21 j 00:54	8°♄22'16	46°38'52
	-478 Feb 21 j 19:59	0°♄			-476 Sep 15 j 03:12	0°♄	
	-478 Mar 18 j 09:12	0°♄		greatest brilliancy	-476 Sep 29 j 08:40	7°♄53'29	-4.6m
	-478 Apr 11 j 22:08	0°♂		retrograde	-476 Oct 10 j 00:24	10°♄00'06	
morning set	-478 May 02 j 19:24	25°♂33'03		evening set	-476 Oct 25 j 00:59	5°♄35'05	
	-478 May 06 j 10:37	0°♄		inferior conj	-476 Oct 30 j 13:38	2°♄21'20	-3°-29'-4
asc. node	-478 May 29 j 13:35	28°♄20'56		minimum elong	-476 Oct 30 j 21:08	2°♄09'58	3°26'51
	-478 May 30 j 21:51	0°♂		min. Earth dist.	-476 Oct 30 j 21:11	2°♄09'54	0.26431 AU
max. Earth dist.	-478 Jun 05 j 19:33	7°♂15'12	1.73564 AU		-476 Nov 03 j 12:36	30°♄	
				morning rise	-476 Nov 05 j 16:58	28°♄47'28	
superior conj	-478 Jun 08 j 02:45	10°♂04'50	0°22'22	asc. node	-476 Nov 13 j 08:24	25°♄38'05	
minimum elong	-478 Jun 07 j 22:24	9°♂51'30	0°22'09	direct	-476 Nov 19 j 22:21	24°♄43'54	
	-478 Jun 24 j 07:02	0°♂		greatest brilliancy	-476 Dec 02 j 10:36	27°♄39'45	-4.7m
evening rise	-478 Jul 13 j 19:29	24°♄05'55			-476 Dec 07 j 01:48	0°♄	
	-478 Jul 18 j 14:02	0°♂		morning max el	-475 Jan 09 j 12:04	27°♄54'33	46°48'33
	-478 Aug 11 j 19:45	0°♄			-475 Jan 11 j 13:31	0°♄	
	-478 Sep 05 j 01:41	0°♂			-475 Feb 08 j 07:01	0°♄	
desc. node	-478 Sep 18 j 03:35	16°♄08'47		desc. node	-475 Mar 04 j 22:41	28°♄17'42	
	-478 Sep 29 j 09:23	0°♄			-475 Mar 06 j 09:48	0°♄	
	-478 Oct 23 j 20:28	0°♄			-475 Mar 31 j 21:20	0°♄	
	-478 Nov 17 j 14:17	0°♄			-475 Apr 26 j 01:00	0°♂	
	-478 Dec 12 j 23:23	0°♄			-475 May 20 j 23:13	0°♄	
	-477 Jan 08 j 23:12	0°♄			-475 Jun 14 j 16:10	0°♂	
asc. node	-477 Jan 09 j 06:03	0°♄18'00		asc. node	-475 Jun 26 j 01:20	13°♂55'08	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning set	-475 Jul 09 j 02:03	29°II55'42		evening set	-472 Jan 09 j 01:21	21°Θ11'26	
	-475 Jul 09 j 03:27	0°Θ		min. Earth dist.	-472 Jan 12 j 18:47	18°Θ55'03	0.27299 AU
	-475 Aug 02 j 09:12	0°Ω		inferior conj	-472 Jan 13 j 20:06	18°Θ15'23	7°08'45
max. Earth dist.	-475 Aug 10 j 22:30	10°Ω38'35	1.72289 AU	minimum elong	-472 Jan 13 j 10:41	18°Θ30'08	7°07'03
				morning rise	-472 Jan 17 j 20:35	15°Θ47'33	
superior conj	-475 Aug 14 j 17:19	15°Ω21'34	1°23'14	direct	-472 Feb 03 j 10:47	10°Θ26'19	
minimum elong	-475 Aug 14 j 14:11	15°Ω11'46	1°23'13	greatest brilliancy	-472 Feb 13 j 21:35	12°Θ28'24	-4.6m
	-475 Aug 26 j 10:44	0°η			-472 Mar 11 j 09:47	0°≈	
	-475 Sep 19 j 10:03	0°Δ		morning max el	-472 Mar 23 j 18:35	11°≈23'51	46°08'08
evening rise	-475 Sep 21 j 16:05	2°Δ49'12		desc. node	-472 Apr 01 j 10:32	20°≈01'08	
	-475 Oct 13 j 09:01	0°ℳ			-472 Apr 11 j 00:52	0°κ	
desc. node	-475 Oct 15 j 15:37	2°ℳ50'53			-472 May 08 j 08:00	0°Υ	
	-475 Nov 06 j 08:53	0°ϳ			-472 Jun 03 j 09:58	0°Ϡ	
	-475 Nov 30 j 10:53	0°Θ			-472 Jun 28 j 19:10	0°Π	
	-475 Dec 24 j 17:25	0°≈		asc. node	-472 Jul 23 j 13:12	29°II52'24	
	-474 Jan 18 j 09:16	0°κ			-472 Jul 23 j 15:41	0°Θ	
asc. node	-474 Feb 05 j 17:55	21°κ47'44			-472 Aug 17 j 01:45	0°Ω	
	-474 Feb 12 j 19:21	0°Υ			-472 Sep 10 j 03:58	0°η	
	-474 Mar 11 j 18:38	0°Ϡ		morning set	-472 Sep 17 j 01:02	8°η37'05	
evening max el	-474 Mar 27 j 16:06	16°Ϡ09'57	45°27'22		-472 Oct 04 j 01:28	0°Δ	
	-474 Apr 12 j 02:53	0°Π					
greatest brilliancy	-474 Apr 30 j 19:37	12°Π20'46	-4.5m	superior conj	-472 Oct 26 j 11:02	28°Δ12'31	0°38'13
retrograde	-474 May 15 j 05:24	15°Π56'21		minimum elong	-472 Oct 26 j 19:59	28°Δ40'42	0°37'50
desc. node	-474 May 28 j 08:05	12°Π35'04		max. Earth dist.	-472 Oct 26 j 09:52	28°Δ08'49	1.71033 AU
evening set	-474 May 30 j 04:52	11°Π37'00			-472 Oct 27 j 21:11	0°ℳ	
inferior conj	-474 Jun 05 j 15:49	7°Π46'09	-1°-55'-51	desc. node	-472 Nov 12 j 03:28	19°ℳ13'01	
minimum elong	-474 Jun 05 j 11:38	7°Π52'40	1°54'39		-472 Nov 20 j 17:08	0°ϳ	
min. Earth dist.	-474 Jun 05 j 20:03	7°Π39'33	0.28939 AU	evening rise	-472 Dec 07 j 06:34	20°ϳ48'12	
morning rise	-474 Jun 11 j 18:16	4°Π06'36			-472 Dec 14 j 14:31	0°Θ	
	-474 Jun 22 j 04:22	30°Ϡ			-471 Jan 07 j 14:26	0°≈	
direct	-474 Jun 27 j 09:10	29°Ϡ28'00			-471 Jan 31 j 18:43	0°κ	
	-474 Jul 02 j 17:01	0°Π			-471 Feb 25 j 06:11	0°Υ	
greatest brilliancy	-474 Jul 11 j 13:57	2°Π59'04	-4.5m	asc. node	-471 Mar 05 j 06:01	9°Υ41'02	
morning max el	-474 Aug 15 j 16:42	0°Θ01'02	46°07'33		-471 Mar 22 j 04:48	0°Ϡ	
	-474 Aug 15 j 16:17	0°Θ			-471 Apr 16 j 20:35	0°Π	
	-474 Sep 13 j 01:21	0°Ω			-471 May 13 j 18:15	0°Θ	
asc. node	-474 Sep 18 j 10:53	6°Ω06'25		evening max el	-471 Jun 06 j 12:00	24°Θ15'24	45°26'43
	-474 Oct 08 j 21:34	0°η			-471 Jun 12 j 16:07	0°Ω	
	-474 Nov 02 j 15:36	0°Δ		desc. node	-471 Jun 24 j 19:58	10°Ω14'16	
	-474 Nov 26 j 21:51	0°ℳ		greatest brilliancy	-471 Jul 13 j 16:40	21°Ω34'57	-4.5m
	-474 Dec 20 j 23:55	0°ϳ		retrograde	-471 Jul 25 j 04:57	23°Ω56'26	
desc. node	-473 Jan 08 j 00:58	22°ϳ29'30		evening set	-471 Aug 11 j 23:34	18°Ω06'49	
	-473 Jan 14 j 01:39	0°Θ		inferior conj	-471 Aug 15 j 09:25	16°Ω03'07	-8°-39'-38
	-473 Feb 07 j 04:41	0°≈		minimum elong	-471 Aug 15 j 05:55	16°Ω08'30	8°39'27
morning set	-473 Feb 19 j 11:03	15°≈12'50		min. Earth dist.	-471 Aug 15 j 22:36	15°Ω42'53	0.28082 AU
	-473 Mar 03 j 09:37	0°κ		morning rise	-471 Aug 18 j 12:01	14°Ω09'30	
	-473 Mar 27 j 16:42	0°Υ		direct	-471 Sep 05 j 15:04	7°Ω59'22	
				greatest brilliancy	-471 Sep 19 j 22:41	11°Ω39'13	-4.6m
superior conj	-473 Mar 29 j 22:30	2°Υ45'45	-1°-6'-26		-471 Oct 14 j 23:03	0°η	
minimum elong	-473 Mar 30 j 07:53	3°Υ14'38	1°06'09	asc. node	-471 Oct 15 j 22:42	0°η54'33	
max. Earth dist.	-473 Apr 01 j 02:34	5°Υ26'08	1.73254 AU	morning max el	-471 Oct 26 j 03:28	10°η51'08	46°47'41
	-473 Apr 21 j 01:54	0°Ϡ			-471 Nov 13 j 00:58	0°Δ	
asc. node	-473 May 01 j 03:48	12°Ϡ22'25			-471 Dec 09 j 01:15	0°ℳ	
evening rise	-473 May 06 j 02:37	18°Ϡ26'51			-470 Jan 03 j 01:58	0°ϳ	
	-473 May 15 j 12:50	0°Π			-470 Jan 27 j 18:15	0°Θ	
	-473 Jun 09 j 01:16	0°Θ		desc. node	-470 Feb 04 j 12:54	9°Θ29'35	
	-473 Jul 03 j 15:37	0°Ω			-470 Feb 21 j 07:44	0°≈	
	-473 Jul 28 j 09:19	0°η			-470 Mar 17 j 20:29	0°κ	
desc. node	-473 Aug 20 j 17:40	28°η03'00			-470 Apr 11 j 09:07	0°Υ	
	-473 Aug 22 j 08:54	0°Δ		morning set	-470 Apr 30 j 13:39	23°Υ28'48	
	-473 Sep 16 j 18:39	0°ℳ			-470 May 05 j 21:26	0°Ϡ	
	-473 Oct 13 j 00:41	0°ϳ		asc. node	-470 May 28 j 15:36	27°Ϡ54'05	
evening max el	-473 Nov 03 j 00:59	22°ϳ29'59	47°26'06		-470 May 30 j 08:36	0°Π	
	-473 Nov 10 j 14:33	0°Θ		max. Earth dist.	-470 Jun 03 j 16:49	5°Π20'06	1.73588 AU
greatest brilliancy	-473 Dec 11 j 00:41	23°Θ08'54	-4.7m				
asc. node	-473 Dec 11 j 20:13	23°Θ30'45		superior conj	-470 Jun 05 j 21:35	8°Π02'13	0°19'22
retrograde	-473 Dec 24 j 01:17	26°Θ19'04		minimum elong	-470 Jun 05 j 17:47	7°Π50'33	0°19'11

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-470 Jun 23 j 17:49	0°☿		greatest brilliancy	-468 Nov 30 j 00:26	25°♌12'10	-4.7m
evening rise	-470 Jul 11 j 14:14	22°☿02'02			-468 Dec 08 j 15:45	0°♍	
	-470 Jul 18 j 00:56	0°♌		morning max el	-467 Jan 07 j 02:17	25°♍31'23	46°49'20
	-470 Aug 11 j 06:52	0°♍			-467 Jan 11 j 11:19	0°♎	
	-470 Sep 04 j 13:10	0°♎			-467 Feb 07 j 23:03	0°♏	
desc. node	-470 Sep 17 j 05:45	15°♎39'24		desc. node	-467 Mar 04 j 00:51	27°♏43'48	
	-470 Sep 28 j 21:20	0°♏			-467 Mar 05 j 23:29	0°♐	
	-470 Oct 23 j 09:04	0°♎			-467 Mar 31 j 09:45	0°♑	
	-470 Nov 17 j 03:49	0°♏			-467 Apr 25 j 12:39	0°♒	
	-470 Dec 12 j 14:41	0°♐			-467 May 20 j 10:22	0°♓	
asc. node	-469 Jan 08 j 08:11	29°♐31'59			-467 Jun 14 j 03:00	0°♈	
	-469 Jan 08 j 18:58	0°♑		asc. node	-467 Jun 25 j 03:28	13°♈28'44	
evening max el	-469 Jan 13 j 06:58	4°♑36'36	46°38'02	morning set	-467 Jul 06 j 20:04	27°♈50'32	
	-469 Feb 12 j 00:33	0°♒			-467 Jul 08 j 14:07	0°♉	
greatest brilliancy	-469 Feb 17 j 23:33	3°♒21'24	-4.6m		-467 Aug 01 j 19:52	0°♊	
retrograde	-469 Mar 04 j 12:46	7°♒11'21		max. Earth dist.	-467 Aug 08 j 13:12	8°♊21'35	1.72346 AU
evening set	-469 Mar 21 j 16:07	1°♒29'42					
	-469 Mar 24 j 02:25	30°♒♈		superior conj	-467 Aug 12 j 10:12	13°♊11'11	1°22'36
inferior conj	-469 Mar 25 j 21:11	28°♒52'23	6°59'42	minimum elong	-467 Aug 12 j 06:24	12°♊59'21	1°22'34
minimum elong	-469 Mar 26 j 06:04	28°♒38'17	6°58'14		-467 Aug 25 j 21:30	0°♋	
min. Earth dist.	-469 Mar 25 j 22:08	28°♒50'52	0.28857 AU		-467 Sep 18 j 21:00	0°♌	
morning rise	-469 Mar 30 j 20:11	25°♒48'33		evening rise	-467 Sep 19 j 05:21	0°♌26'10	
direct	-469 Apr 16 j 06:16	20°♒35'33			-467 Oct 12 j 20:08	0°♍	
greatest brilliancy	-469 Apr 28 j 16:02	23°♒18'54	-4.5m	desc. node	-467 Oct 14 j 17:39	2°♍22'22	
desc. node	-469 Apr 29 j 22:12	23°♒51'24			-467 Nov 05 j 20:12	0°♎	
	-469 May 10 j 16:25	0°♒			-467 Nov 29 j 22:29	0°♏	
morning max el	-469 Jun 04 j 01:27	20°♒22'05	45°45'20		-467 Dec 24 j 05:25	0°♐	
	-469 Jun 13 j 20:19	0°♓			-466 Jan 17 j 21:59	0°♑	
	-469 Jul 11 j 20:45	0°♈		asc. node	-466 Feb 04 j 20:07	21°♑14'24	
	-469 Aug 06 j 23:42	0°♉			-466 Feb 12 j 09:30	0°♒	
asc. node	-469 Aug 21 j 01:10	16°♉42'08			-466 Mar 11 j 12:18	0°♓	
	-469 Sep 01 j 01:38	0°♊		evening max el	-466 Mar 25 j 08:21	14°♓00'19	45°28'48
	-469 Sep 25 j 11:46	0°♋			-466 Apr 12 j 11:56	0°♈	
	-469 Oct 19 j 12:40	0°♌		greatest brilliancy	-466 Apr 28 j 12:23	10°♈13'24	-4.5m
	-469 Nov 12 j 09:30	0°♍		retrograde	-466 May 12 j 21:28	13°♈48'20	
morning set	-469 Dec 02 j 05:43	24°♍58'16		desc. node	-466 May 27 j 10:06	9°♈44'14	
	-469 Dec 06 j 05:40	0°♎		evening set	-466 May 27 j 21:12	9°♈29'19	
desc. node	-469 Dec 10 j 15:10	5°♎31'40		inferior conj	-466 Jun 03 j 08:12	5°♈37'59	-1°-36'-30
	-469 Dec 30 j 02:57	0°♏		minimum elong	-466 Jun 03 j 04:42	5°♈43'27	1°35'30
				min. Earth dist.	-466 Jun 03 j 12:36	5°♈31'07	0.28946 AU
superior conj	-468 Jan 13 j 05:46	17°♏41'06	-1°-8'-34	morning rise	-466 Jun 09 j 12:03	1°♈56'05	
minimum elong	-468 Jan 12 j 18:34	17°♏06'02	1°08'16		-466 Jun 13 j 08:38	30°♒♓	
max. Earth dist.	-468 Jan 17 j 03:31	22°♏34'09	1.71671 AU	direct	-466 Jun 25 j 01:49	27°♓19'51	
	-468 Jan 23 j 02:16	0°♐			-466 Jul 07 j 08:18	0°♉	
	-468 Feb 16 j 04:29	0°♑		greatest brilliancy	-466 Jul 09 j 04:05	0°♉47'46	-4.5m
evening rise	-468 Feb 22 j 12:49	7°♑52'15		morning max el	-466 Aug 13 j 07:28	27°♉47'07	46°06'09
	-468 Mar 11 j 10:40	0°♒			-466 Aug 15 j 13:42	0°♊	
asc. node	-468 Apr 01 j 18:01	26°♒08'20			-466 Sep 12 j 16:45	0°♋	
	-468 Apr 04 j 21:54	0°♓		asc. node	-466 Sep 17 j 13:02	5°♋30'13	
	-468 Apr 29 j 15:12	0°♈			-466 Oct 08 j 10:54	0°♌	
	-468 May 24 j 16:12	0°♉			-466 Nov 02 j 03:59	0°♍	
	-468 Jun 19 j 04:24	0°♊			-466 Nov 26 j 09:42	0°♎	
	-468 Jul 15 j 12:01	0°♋			-466 Dec 20 j 11:25	0°♏	
desc. node	-468 Jul 22 j 07:48	7°♋32'21		desc. node	-465 Jan 07 j 03:09	22°♏01'06	
	-468 Aug 12 j 13:17	0°♌			-465 Jan 13 j 12:53	0°♐	
evening max el	-468 Aug 18 j 14:57	6°♌01'54	46°36'08		-465 Feb 06 j 15:42	0°♑	
	-468 Sep 16 j 07:13	0°♍		morning set	-465 Feb 17 j 00:00	12°♑50'23	
greatest brilliancy	-468 Sep 26 j 20:40	5°♍25'09	-4.6m		-465 Mar 02 j 20:28	0°♒	
retrograde	-468 Oct 07 j 12:52	7°♍31'28			-465 Mar 27 j 03:27	0°♓	
evening set	-468 Oct 22 j 15:39	3°♍03'00					
	-468 Oct 27 j 20:49	30°♒♌		superior conj	-465 Mar 27 j 14:30	0°♒34'03	-1°-8'-29
inferior conj	-468 Oct 28 j 01:40	29°♌52'38	-3°-51'-30	minimum elong	-465 Mar 27 j 23:44	1°♒02'30	1°08'14
minimum elong	-468 Oct 28 j 09:50	29°♌40'17	3°49'07	max. Earth dist.	-465 Mar 29 j 23:16	3°♒28'58	1.73213 AU
min. Earth dist.	-468 Oct 28 j 10:08	29°♌39'49	0.26461 AU		-465 Apr 20 j 12:36	0°♓	
morning rise	-468 Nov 03 j 03:47	26°♌20'41		asc. node	-465 Apr 30 j 05:48	11°♓55'38	
asc. node	-468 Nov 12 j 10:22	22°♌46'47		evening rise	-465 May 03 j 20:43	16°♓22'11	
direct	-468 Nov 17 j 11:32	22°♌14'57			-465 May 14 j 23:37	0°♈	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 88

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-465 Jun 08 j 12:16	0°☿		desc. node	-462 Feb 03 j 15:00	8°☿59'15	
	-465 Jul 03 j 02:59	0°♌			-462 Feb 20 j 19:24	0°♌	
	-465 Jul 27 j 21:16	0°♍			-462 Mar 17 j 07:46	0°♍	
desc. node	-465 Aug 19 j 19:51	27°♍31'21			-462 Apr 10 j 20:06	0°♍	
	-465 Aug 21 j 21:46	0°♎		morning set	-462 Apr 28 j 07:27	21°♍23'09	
	-465 Sep 16 j 09:05	0°♏			-462 May 05 j 08:14	0°♏	
	-465 Oct 12 j 18:14	0°♐		asc. node	-462 May 27 j 17:42	27°♏27'35	
evening max el	-465 Oct 31 j 15:01	20°♐05'55	47°25'53		-462 May 29 j 19:20	0°♐	
	-465 Nov 10 j 17:17	0°♑		max. Earth dist.	-462 Jun 01 j 15:36	3°♐29'39	1.73609 AU
greatest brilliancy	-465 Dec 08 j 17:49	20°♑47'43	-4.7m				
asc. node	-465 Dec 10 j 22:24	21°♑43'23		superior conj	-462 Jun 03 j 16:02	5°♐58'29	0°16'19
retrograde	-465 Dec 21 j 14:50	23°♑54'13		minimum elong	-462 Jun 03 j 12:49	5°♐48'33	0°16'11
evening set	-464 Jan 06 j 11:44	18°♑52'39			-462 Jun 23 j 04:36	0°☿	
min. Earth dist.	-464 Jan 10 j 08:52	16°♑31'05	0.27230 AU	evening rise	-462 Jul 09 j 08:53	19°☿57'50	
inferior conj	-464 Jan 11 j 09:50	15°♑51'57	6°55'40		-462 Jul 17 j 11:52	0°♌	
minimum elong	-464 Jan 11 j 00:10	16°♑07'07	6°53'50		-462 Aug 10 j 18:03	0°♍	
morning rise	-464 Jan 15 j 13:07	13°♑20'00			-462 Sep 04 j 00:41	0°♎	
direct	-464 Jan 31 j 23:31	8°♑04'02		desc. node	-462 Sep 16 j 07:45	15°♎09'29	
greatest brilliancy	-464 Feb 11 j 11:23	10°♑06'46	-4.6m		-462 Sep 28 j 09:17	0°♏	
	-464 Mar 11 j 15:00	0°♐			-462 Oct 22 j 21:38	0°♐	
morning max el	-464 Mar 21 j 07:10	9°♐02'06	46°09'31		-462 Nov 16 j 17:21	0°♑	
desc. node	-464 Mar 31 j 12:35	19°♐15'45			-462 Dec 12 j 06:04	0°♒	
	-464 Apr 10 j 18:24	0°♍		asc. node	-461 Jan 07 j 10:18	28°♐45'18	
	-464 May 07 j 22:07	0°♎			-461 Jan 08 j 15:19	0°♍	
	-464 Jun 02 j 22:30	0°♏		evening max el	-461 Jan 10 j 22:26	2°♍20'18	46°40'41
	-464 Jun 28 j 06:52	0°♐			-461 Feb 13 j 10:33	0°♎	
asc. node	-464 Jul 22 j 15:22	29°♐24'48		greatest brilliancy	-461 Feb 15 j 15:48	1°♎09'09	-4.6m
	-464 Jul 23 j 02:55	0°☿		retrograde	-461 Mar 02 j 05:49	4°♎59'56	
	-464 Aug 16 j 12:44	0°♌			-461 Mar 18 j 03:48	30°♍	
	-464 Sep 09 j 14:50	0°♍		evening set	-461 Mar 19 j 10:58	29°♍14'02	
morning set	-464 Sep 14 j 15:25	6°♍17'37		inferior conj	-461 Mar 23 j 13:26	26°♍40'39	7°10'51
	-464 Oct 03 j 12:20	0°♎		minimum elong	-461 Mar 23 j 22:04	26°♍26'58	7°09'31
				min. Earth dist.	-461 Mar 23 j 13:18	26°♍40'52	0.28835 AU
superior conj	-464 Oct 23 j 22:09	25°♎42'00	0°41'38	morning rise	-461 Mar 28 j 09:22	23°♍41'36	
minimum elong	-464 Oct 24 j 07:38	26°♎11'51	0°41'13	direct	-461 Apr 13 j 22:16	18°♍24'14	
max. Earth dist.	-464 Oct 23 j 15:14	25°♎20'12	1.71053 AU	greatest brilliancy	-461 Apr 26 j 06:10	21°♍06'23	-4.5m
	-464 Oct 27 j 08:06	0°♏		desc. node	-461 Apr 29 j 00:13	22°♍20'32	
desc. node	-464 Nov 11 j 05:28	18°♏44'47			-461 May 11 j 10:29	0°♎	
	-464 Nov 20 j 04:08	0°♐		morning max el	-461 Jun 01 j 18:14	18°♎14'06	45°45'22
evening rise	-464 Dec 04 j 16:08	18°♐12'56			-461 Jun 13 j 15:24	0°♏	
	-464 Dec 14 j 01:37	0°♑			-461 Jul 11 j 11:25	0°♐	
	-463 Jan 07 j 01:38	0°♒			-461 Aug 06 j 12:35	0°☿	
	-463 Jan 31 j 06:03	0°♍		asc. node	-461 Aug 20 j 03:12	16°☿11'11	
	-463 Feb 24 j 17:51	0°♎			-461 Aug 31 j 13:40	0°♌	
asc. node	-463 Mar 04 j 08:06	9°♎11'39			-461 Sep 24 j 23:22	0°♍	
	-463 Mar 21 j 17:09	0°♏			-461 Oct 19 j 00:03	0°♎	
	-463 Apr 16 j 10:17	0°♐			-461 Nov 11 j 20:46	0°♏	
	-463 May 13 j 11:01	0°☿		morning set	-461 Nov 29 j 15:53	22°♏24'10	
evening max el	-463 Jun 04 j 01:48	21°☿59'07	45°25'25		-461 Dec 05 j 16:49	0°♐	
	-463 Jun 12 j 18:59	0°♌		desc. node	-461 Dec 09 j 17:22	5°♐03'35	
desc. node	-463 Jun 23 j 22:08	9°♌07'03			-461 Dec 29 j 14:00	0°♑	
greatest brilliancy	-463 Jul 11 j 03:14	19°♌15'19	-4.5m				
retrograde	-463 Jul 22 j 19:11	21°♌40'30		superior conj	-460 Jan 10 j 16:28	15°♑09'50	-1°-6'-11
evening set	-463 Aug 09 j 11:05	15°♌54'02		minimum elong	-460 Jan 10 j 04:58	14°♑33'50	1°05'52
inferior conj	-463 Aug 12 j 23:48	13°♌46'15	-8°-35'-6	max. Earth dist.	-460 Jan 14 j 15:11	20°♑06'10	1.71623 AU
minimum elong	-463 Aug 12 j 19:31	13°♌52'50	8°34'51		-460 Jan 22 j 13:15	0°♒	
min. Earth dist.	-463 Aug 13 j 12:21	13°♌27'00	0.28133 AU		-460 Feb 15 j 15:29	0°♍	
morning rise	-463 Aug 16 j 03:42	11°♌50'50		evening rise	-460 Feb 20 j 02:12	5°♍30'59	
direct	-463 Sep 03 j 05:51	5°♌41'32			-460 Mar 10 j 21:44	0°♎	
greatest brilliancy	-463 Sep 17 j 15:45	9°♌23'58	-4.6m	asc. node	-460 Mar 31 j 19:59	25°♎40'10	
asc. node	-463 Oct 15 j 00:38	29°♌56'56			-460 Apr 04 j 09:08	0°♏	
	-463 Oct 15 j 01:57	0°♍			-460 Apr 29 j 02:48	0°♐	
morning max el	-463 Oct 23 j 18:02	8°♍30'05	46°46'51		-460 May 24 j 04:29	0°☿	
	-463 Nov 12 j 18:14	0°♎			-460 Jun 18 j 17:57	0°♌	
	-463 Dec 08 j 15:37	0°♏			-460 Jul 15 j 04:00	0°♍	
	-462 Jan 02 j 14:59	0°♐		desc. node	-460 Jul 21 j 09:56	6°♍51'59	
	-462 Jan 27 j 06:28	0°♑			-460 Aug 12 j 11:21	0°♎	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 89

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

evening max el	-460 Aug 16 j 04:58	3° ♁ 40'48	46°33'18			-457 Feb 06 j 03:00	0° \approx	
	-460 Sep 17 j 23:43	0° ♁		morning set		-457 Feb 14 j 12:57	10° \approx 26'56	
greatest brilliancy	-460 Sep 24 j 09:29	2° ♁ 57'07	-4.6m			-457 Mar 02 j 07:35	0° ✕	
retrograde	-460 Oct 05 j 00:54	5° ♁ 01'54						
evening set	-460 Oct 20 j 06:26	0° ♁ 30'06		superior conj		-457 Mar 25 j 06:44	28° ✕ 22'21	-1°-10'-25
	-460 Oct 21 j 03:59	30° ♁		minimum elong		-457 Mar 25 j 15:46	28° ✕ 50'14	1°10'11
inferior conj	-460 Oct 25 j 13:39	27° ♁ 23'15	-4°-13'-29			-457 Mar 26 j 14:25	0° Υ	
minimum elong	-460 Oct 25 j 22:25	27° ♁ 09'58	4°10'58	max. Earth dist.		-457 Mar 27 j 19:05	1° Υ 28'23	1.73166 AU
min. Earth dist.	-460 Oct 25 j 23:11	27° ♁ 08'48	0.26490 AU			-457 Apr 19 j 23:31	0° ♁	
morning rise	-460 Oct 31 j 14:11	23° ♁ 53'15		asc. node		-457 Apr 29 j 07:58	11° ♁ 28'42	
asc. node	-460 Nov 11 j 12:33	20° ♁ 00'29		evening rise		-457 May 01 j 15:01	14° ♁ 17'32	
direct	-460 Nov 15 j 00:32	19° ♁ 45'19				-457 May 14 j 10:38	0° ♁	
greatest brilliancy	-460 Nov 27 j 13:55	22° ♁ 43'15	-4.7m			-457 Jun 07 j 23:31	0° ☾	
	-460 Dec 09 j 18:50	0° ♁				-457 Jul 02 j 14:40	0° ♁	
morning max el	-459 Jan 04 j 15:34	23° ♁ 05'12	46°50'19			-457 Jul 27 j 09:36	0° ♁	
	-459 Jan 11 j 08:30	0° ♁		desc. node		-457 Aug 18 j 21:48	26° ♁ 57'50	
	-459 Feb 07 j 14:55	0° ♁				-457 Aug 21 j 11:06	0° ♁	
desc. node	-459 Mar 03 j 02:53	27° ♁ 09'24				-457 Sep 16 j 00:04	0° ♁	
	-459 Mar 05 j 13:08	0° \approx				-457 Oct 12 j 12:34	0° ♁	
	-459 Mar 30 j 22:14	0° ✕		evening max el		-457 Oct 29 j 04:06	17° ♁ 38'25	47°25'39
	-459 Apr 25 j 00:26	0° Υ				-457 Nov 10 j 22:09	0° ♁	
	-459 May 19 j 21:42	0° ♁		greatest brilliancy		-457 Dec 06 j 10:18	18° ♁ 24'23	-4.7m
	-459 Jun 13 j 14:04	0° ♁		asc. node		-457 Dec 10 j 00:31	19° ♁ 50'26	
asc. node	-459 Jun 24 j 05:38	13° ♁ 01'37		retrograde		-457 Dec 19 j 04:23	21° ♁ 28'12	
morning set	-459 Jul 04 j 13:57	25° ♁ 44'09		evening set		-456 Jan 03 j 22:03	16° ♁ 32'10	
	-459 Jul 08 j 01:04	0° ☾		min. Earth dist.		-456 Jan 07 j 22:56	14° ♁ 05'33	0.27162 AU
	-459 Aug 01 j 06:48	0° ♁		inferior conj		-456 Jan 08 j 23:28	13° ♁ 27'10	6°41'47
max. Earth dist.	-459 Aug 06 j 03:24	6° ♁ 02'26	1.72404 AU	minimum elong		-456 Jan 08 j 13:35	13° ♁ 42'38	6°39'48
				morning rise		-456 Jan 13 j 05:37	10° ♁ 51'08	
superior conj	-459 Aug 10 j 03:00	10° ♁ 59'54	1°21'50	direct		-456 Jan 29 j 11:52	5° ♁ 40'07	
minimum elong	-459 Aug 09 j 22:34	10° ♁ 46'06	1°21'47	greatest brilliancy		-456 Feb 09 j 01:48	7° ♁ 44'30	-4.6m
	-459 Aug 25 j 08:32	0° ♁				-456 Mar 11 j 18:49	0° \approx	
evening rise	-459 Sep 16 j 18:39	28° ♁ 02'31		morning max el		-456 Mar 18 j 20:19	6° \approx 40'38	46°11'09
	-459 Sep 18 j 08:12	0° ♁		desc. node		-456 Mar 30 j 14:35	18° \approx 30'02	
	-459 Oct 12 j 07:32	0° ♁				-456 Apr 10 j 11:52	0° ✕	
desc. node	-459 Oct 13 j 19:40	1° ♁ 52'58				-456 May 07 j 12:18	0° Υ	
	-459 Nov 05 j 07:50	0° ♁				-456 Jun 02 j 11:10	0° ♁	
	-459 Nov 29 j 10:23	0° ♁				-456 Jun 27 j 18:44	0° ♁	
	-459 Dec 23 j 17:43	0° \approx		asc. node		-456 Jul 21 j 17:23	28° ♁ 56'02	
	-458 Jan 17 j 10:58	0° ✕				-456 Jul 22 j 14:22	0° ☾	
asc. node	-458 Feb 03 j 22:10	20° ✕ 40'01				-456 Aug 16 j 00:00	0° ♁	
	-458 Feb 11 j 23:56	0° Υ				-456 Sep 09 j 02:02	0° ♁	
	-458 Mar 11 j 06:31	0° ♁		morning set		-456 Sep 12 j 05:46	3° ♁ 57'06	
evening max el	-458 Mar 22 j 23:44	11° ♁ 48'04	45°30'15			-456 Oct 02 j 23:32	0° ♁	
	-458 Apr 13 j 00:24	0° ♁						
greatest brilliancy	-458 Apr 26 j 04:33	8° ♁ 04'52	-4.5m	superior conj		-456 Oct 21 j 09:08	23° ♁ 10'00	0°44'58
retrograde	-458 May 10 j 13:23	11° ♁ 40'11		minimum elong		-456 Oct 21 j 19:03	23° ♁ 41'14	0°44'32
evening set	-458 May 25 j 13:49	7° ♁ 21'00		max. Earth dist.		-456 Oct 20 j 22:55	22° ♁ 37'50	1.71075 AU
desc. node	-458 May 26 j 12:17	6° ♁ 49'54				-456 Oct 26 j 19:21	0° ♁	
inferior conj	-458 Jun 01 j 00:45	3° ♁ 29'35	-1°-17'-7	desc. node		-456 Nov 10 j 07:39	18° ♁ 16'07	
minimum elong	-458 May 31 j 21:56	3° ♁ 33'59	1°16'20			-456 Nov 19 j 15:27	0° ♁	
min. Earth dist.	-458 Jun 01 j 05:36	3° ♁ 22'00	0.28957 AU	evening rise		-456 Dec 02 j 01:34	15° ♁ 36'19	
	-458 Jun 06 j 19:25	30° ♁				-456 Dec 13 j 13:01	0° ♁	
morning rise	-458 Jun 07 j 05:52	29° ♁ 45'26				-455 Jan 06 j 13:07	0° \approx	
direct	-458 Jun 22 j 18:10	25° ♁ 11'14				-455 Jan 30 j 17:42	0° ✕	
greatest brilliancy	-458 Jul 06 j 19:16	28° ♁ 37'05	-4.5m			-455 Feb 24 j 05:50	0° Υ	
	-458 Jul 09 j 14:28	0° ♁		asc. node		-455 Mar 03 j 10:06	8° Υ 41'04	
morning max el	-458 Aug 10 j 21:54	25° ♁ 31'25	46°04'46			-455 Mar 21 j 05:49	0° ♁	
	-458 Aug 15 j 10:46	0° ☾				-455 Apr 16 j 00:19	0° ♁	
	-458 Sep 12 j 08:18	0° ♁				-455 May 13 j 04:16	0° ☾	
asc. node	-458 Sep 16 j 15:03	4° ♁ 52'54		evening max el		-455 Jun 01 j 16:36	19° ☾ 45'08	45°24'17
	-458 Oct 08 j 00:27	0° ♁				-455 Jun 12 j 23:38	0° ♁	
	-458 Nov 01 j 16:36	0° ♁		desc. node		-455 Jun 23 j 00:11	7° ♁ 57'36	
	-458 Nov 25 j 21:48	0° ♁		greatest brilliancy		-455 Jul 08 j 13:19	16° ♁ 55'26	-4.5m
	-458 Dec 19 j 23:11	0° ♁		retrograde		-455 Jul 20 j 09:56	19° ♁ 24'50	
desc. node	-457 Jan 06 j 05:12	21° ♁ 31'19		evening set		-455 Aug 06 j 22:34	13° ♁ 41'54	
	-457 Jan 13 j 00:24	0° ♁		inferior conj		-455 Aug 10 j 14:24	11° ♁ 29'34	-8°-29'-42

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

minimum elong	-455 Aug 10 j 09:22	11° Ω 37'18	8°29'21	minimum elong	-452 Jan 07 j 14:47	11° Υ 59'19	1°03'16
min. Earth dist.	-455 Aug 11 j 01:58	11° Ω 11'51	0.28187 AU	max. Earth dist.	-452 Jan 12 j 02:33	17° Υ 36'39	1.71574 AU
morning rise	-455 Aug 13 j 19:56	9° Ω 31'49			-452 Jan 22 j 00:23	0° \approx	
direct	-455 Aug 31 j 21:23	3° Ω 23'57			-452 Feb 15 j 02:35	0° Υ	
greatest brilliancy	-455 Sep 15 j 08:22	7° Ω 08'03	-4.6m	evening rise	-452 Feb 17 j 14:52	3° Υ 07'01	
asc. node	-455 Oct 14 j 02:50	29° Ω 00'17			-452 Mar 10 j 08:52	0° Υ	
	-455 Oct 15 j 03:44	0° \mathfrak{M}		asc. node	-452 Mar 30 j 22:09	25° Υ 12'25	
morning max el	-455 Oct 21 j 09:36	6° \mathfrak{M} 10'55	46°45'43		-452 Apr 03 j 20:26	0° Υ	
	-455 Nov 12 j 11:31	0° $\underline{\Omega}$			-452 Apr 28 j 14:28	0° Π	
	-455 Dec 08 j 06:11	0° \mathfrak{M}			-452 May 23 j 16:51	0° Υ	
	-454 Jan 02 j 04:13	0° \mathfrak{M}			-452 Jun 18 j 07:35	0° Ω	
	-454 Jan 26 j 18:54	0° Υ			-452 Jul 14 j 20:09	0° \mathfrak{M}	
desc. node	-454 Feb 02 j 17:02	8° Υ 28'01		desc. node	-452 Jul 20 j 11:57	6° \mathfrak{M} 11'13	
	-454 Feb 20 j 07:17	0° \approx			-452 Aug 12 j 10:03	0° $\underline{\Omega}$	
	-454 Mar 16 j 19:13	0° Υ		evening max el	-452 Aug 13 j 18:32	1° $\underline{\Omega}$ 19'18	46°30'31
	-454 Apr 10 j 07:17	0° Υ			-452 Sep 20 j 15:03	0° \mathfrak{M}	
morning set	-454 Apr 26 j 01:23	19° Υ 17'17		greatest brilliancy	-452 Sep 21 j 23:00	0° \mathfrak{M} 31'04	-4.6m
	-454 May 04 j 19:14	0° Υ		retrograde	-452 Oct 02 j 12:31	2° \mathfrak{M} 33'40	
asc. node	-454 May 26 j 19:52	27° Υ 00'48			-452 Oct 13 j 20:20	30° \mathfrak{R} $\underline{\Omega}$	
	-454 May 29 j 06:14	0° Π		evening set	-452 Oct 17 j 21:30	27° $\underline{\Omega}$ 58'25	
max. Earth dist.	-454 May 30 j 15:25	1° Π 41'55	1.73621 AU	inferior conj	-452 Oct 23 j 01:53	24° $\underline{\Omega}$ 55'14	-4°-34'-34
				minimum elong	-452 Oct 23 j 11:09	24° $\underline{\Omega}$ 41'09	4°32'01
superior conj	-454 Jun 01 j 10:46	3° Π 55'04	0°13'16	min. Earth dist.	-452 Oct 23 j 12:38	24° $\underline{\Omega}$ 38'54	0.26527 AU
minimum elong	-454 Jun 01 j 08:07	3° Π 46'56	0°13'09	morning rise	-452 Oct 29 j 00:33	21° $\underline{\Omega}$ 27'19	
behind sun begin	-454 May 31 j 19:37	3° Π 08'30		asc. node	-452 Nov 10 j 14:40	17° $\underline{\Omega}$ 21'28	
behind sun end	-454 Jun 01 j 20:37	4° Π 25'21		direct	-452 Nov 12 j 13:14	17° $\underline{\Omega}$ 16'51	
	-454 Jun 22 j 15:29	0° Υ		greatest brilliancy	-452 Nov 25 j 04:05	20° $\underline{\Omega}$ 15'51	-4.7m
evening rise	-454 Jul 07 j 03:55	17° Υ 54'35			-452 Dec 10 j 14:30	0° \mathfrak{M}	
	-454 Jul 16 j 22:53	0° Ω		morning max el	-451 Jan 02 j 04:10	20° \mathfrak{M} 37'07	46°50'57
	-454 Aug 10 j 05:20	0° \mathfrak{M}			-451 Jan 11 j 05:01	0° \mathfrak{M}	
	-454 Sep 03 j 12:21	0° $\underline{\Omega}$			-451 Feb 07 j 06:38	0° Υ	
desc. node	-454 Sep 15 j 09:50	14° $\underline{\Omega}$ 39'14		desc. node	-451 Mar 02 j 04:56	26° Υ 35'00	
	-454 Sep 27 j 21:29	0° \mathfrak{M}			-451 Mar 05 j 02:46	0° \approx	
	-454 Oct 22 j 10:31	0° \mathfrak{M}			-451 Mar 30 j 10:42	0° Υ	
	-454 Nov 16 j 07:17	0° Υ			-451 Apr 24 j 12:10	0° Υ	
	-454 Dec 11 j 22:01	0° \approx			-451 May 19 j 08:57	0° Υ	
asc. node	-453 Jan 06 j 12:20	27° \approx 56'46			-451 Jun 13 j 01:02	0° Π	
evening max el	-453 Jan 08 j 14:29	0° Υ 04'30	46°43'25	asc. node	-451 Jun 23 j 07:35	12° Π 34'12	
	-453 Jan 08 j 12:42	0° Υ		morning set	-451 Jul 02 j 07:46	23° Π 37'59	
greatest brilliancy	-453 Feb 13 j 09:04	28° Υ 57'23	-4.6m		-451 Jul 07 j 11:53	0° Υ	
	-453 Feb 15 j 15:33	0° Υ			-451 Jul 31 j 17:37	0° Ω	
retrograde	-453 Feb 27 j 22:50	2° Υ 47'23		max. Earth dist.	-451 Aug 03 j 18:23	3° Ω 46'07	1.72459 AU
	-453 Mar 11 j 15:12	30° \mathfrak{R} Υ					
evening set	-453 Mar 17 j 05:43	26° Υ 57'37		superior conj	-451 Aug 07 j 20:05	8° Ω 50'02	1°20'57
inferior conj	-453 Mar 21 j 05:34	24° Υ 27'59	7°21'32	minimum elong	-451 Aug 07 j 15:04	8° Ω 34'25	1°20'53
minimum elong	-453 Mar 21 j 13:53	24° Υ 14'48	7°20'19		-451 Aug 24 j 19:25	0° \mathfrak{M}	
min. Earth dist.	-453 Mar 21 j 04:06	24° Υ 30'17	0.28805 AU	evening rise	-451 Sep 14 j 08:33	25° \mathfrak{M} 41'27	
morning rise	-453 Mar 25 j 22:19	21° Υ 33'46			-451 Sep 17 j 19:12	0° $\underline{\Omega}$	
direct	-453 Apr 11 j 14:26	16° Υ 12'15			-451 Oct 11 j 18:43	0° \mathfrak{M}	
greatest brilliancy	-453 Apr 23 j 19:02	18° Υ 51'46	-4.5m	desc. node	-451 Oct 12 j 21:52	1° \mathfrak{M} 24'52	
desc. node	-453 Apr 28 j 02:28	20° Υ 52'24			-451 Nov 04 j 19:14	0° \mathfrak{M}	
	-453 May 12 j 00:12	0° Υ			-451 Nov 28 j 22:06	0° Υ	
morning max el	-453 May 30 j 10:52	16° Υ 05'29	45°45'31		-451 Dec 23 j 05:53	0° \approx	
	-453 Jun 13 j 10:03	0° Υ			-450 Jan 16 j 23:55	0° Υ	
	-453 Jul 11 j 01:56	0° Π		asc. node	-450 Feb 03 j 00:11	20° Υ 05'30	
	-453 Aug 06 j 01:23	0° Υ			-450 Feb 11 j 14:29	0° Υ	
asc. node	-453 Aug 19 j 05:16	15° Υ 40'30			-450 Mar 11 j 01:11	0° Υ	
	-453 Aug 31 j 01:38	0° Ω		evening max el	-450 Mar 20 j 14:20	9° Υ 33'50	45°31'53
	-453 Sep 24 j 10:55	0° \mathfrak{M}			-450 Apr 13 j 17:11	0° Π	
	-453 Oct 18 j 11:26	0° $\underline{\Omega}$		greatest brilliancy	-450 Apr 23 j 19:42	5° Π 54'52	-4.5m
	-453 Nov 11 j 08:04	0° \mathfrak{M}		retrograde	-450 May 08 j 05:16	9° Π 31'59	
morning set	-453 Nov 27 j 01:50	19° \mathfrak{M} 49'05		evening set	-450 May 23 j 06:22	5° Π 12'04	
	-453 Dec 05 j 04:04	0° \mathfrak{M}		desc. node	-450 May 25 j 14:18	3° Π 52'44	
desc. node	-453 Dec 08 j 19:26	4° \mathfrak{M} 34'42		inferior conj	-450 May 29 j 17:08	1° Π 21'03	0°-57'-39
	-453 Dec 29 j 01:11	0° Υ		minimum elong	-450 May 29 j 15:02	1° Π 24'21	0°57'02
				min. Earth dist.	-450 May 29 j 22:33	1° Π 12'34	0.28967 AU
superior conj	-452 Jan 08 j 02:28	12° Υ 35'54	-1°-3'-38		-450 May 31 j 21:07	30° \mathfrak{R} Υ	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-450 Jun 04 j 23:23	27° U 35'00		-448 Dec 13 j 00:02	0° Z	
direct	-450 Jun 20 j 09:55	23° U 02'21		-447 Jan 06 j 00:11	0° \approx	
greatest brilliancy	-450 Jul 04 j 11:11	26° U 27'32	-4.5m	-447 Jan 30 j 04:56	0° H	
	-450 Jul 11 j 01:36	0° II		-447 Feb 23 j 17:26	0° Y	
morning max el	-450 Aug 08 j 12:40	23° II 17'08	46°03'34	asc. node	-447 Mar 02 j 12:17	8° Y 12'14
	-450 Aug 15 j 06:56	0° S		-447 Mar 20 j 18:09	0° X	
	-450 Sep 11 j 23:22	0° Q		-447 Apr 15 j 14:10	0° II	
asc. node	-450 Sep 15 j 17:10	4° Q 16'54		-447 May 12 j 21:37	0° S	
	-450 Oct 07 j 13:38	0° M		evening max el	-447 May 30 j 08:15	17° S 33'54 45°23'07
	-450 Nov 01 j 04:51	0° A		-447 Jun 13 j 06:06	0° Q	
	-450 Nov 25 j 09:31	0° L		desc. node	-447 Jun 22 j 02:13	6° Q 46'35
	-450 Dec 19 j 10:35	0° J		greatest brilliancy	-447 Jul 05 j 23:58	14° Q 36'47 -4.5m
desc. node	-449 Jan 05 j 07:12	21° J 02'30		retrograde	-447 Jul 18 j 00:31	17° Q 09'27
	-449 Jan 12 j 11:35	0° Z		evening set	-447 Aug 04 j 09:47	11° Q 30'41
	-449 Feb 05 j 14:00	0° \approx		inferior conj	-447 Aug 08 j 04:52	9° Q 13'22 -8°-23'-35
morning set	-449 Feb 12 j 01:31	8° \approx 03'00		minimum elong	-447 Aug 07 j 23:06	9° Q 22'13 8°23'06
	-449 Mar 01 j 18:26	0° H		min. Earth dist.	-447 Aug 08 j 15:20	8° Q 57'19 0.28235 AU
				morning rise	-447 Aug 11 j 12:14	7° Q 12'53
superior conj	-449 Mar 22 j 22:27	26° H 09'41	-1°-12'-16	direct	-447 Aug 29 j 13:05	1° Q 07'11
minimum elong	-449 Mar 23 j 07:15	26° H 36'47	1°12'03	greatest brilliancy	-447 Sep 12 j 23:34	4° Q 51'07 -4.6m
max. Earth dist.	-449 Mar 25 j 11:50	29° H 18'54	1.73122 AU	asc. node	-447 Oct 13 j 04:57	28° Q 05'33
	-449 Mar 26 j 01:10	0° Y		-447 Oct 15 j 03:54	0° M	
	-449 Apr 19 j 10:15	0° X		morning max el	-447 Oct 19 j 00:52	3° M 52'10 46°44'32
asc. node	-449 Apr 28 j 10:03	11° X 02'04		-447 Nov 12 j 04:07	0° A	
evening rise	-449 Apr 29 j 08:43	12° X 11'37		-447 Dec 07 j 20:15	0° L	
greatest brilliancy	-449 Apr 30 j 03:36	13° X 09'29	-3.9m	-446 Jan 01 j 17:02	0° J	
	-449 May 13 j 21:27	0° II		-446 Jan 26 j 06:55	0° Z	
	-449 Jun 07 j 10:36	0° S		desc. node	-446 Feb 01 j 19:07	7° Z 58'08
	-449 Jul 02 j 02:09	0° Q		-446 Feb 19 j 18:44	0° \approx	
	-449 Jul 26 j 21:44	0° M		-446 Mar 16 j 06:16	0° H	
desc. node	-449 Aug 17 j 23:54	26° M 25'26		-446 Apr 09 j 18:04	0° Y	
	-449 Aug 21 j 00:15	0° A		morning set	-446 Apr 23 j 19:23	17° Y 12'42
	-449 Sep 15 j 14:57	0° L		-446 May 04 j 05:52	0° X	
	-449 Oct 12 j 06:57	0° J		asc. node	-446 May 25 j 21:50	26° X 34'20
evening max el	-449 Oct 26 j 17:32	15° J 13'10	47°25'32	max. Earth dist.	-446 May 28 j 14:49	29° X 53'50 1.73638 AU
	-449 Nov 11 j 04:27	0° Z		-446 May 28 j 16:50	0° II	
greatest brilliancy	-449 Dec 04 j 01:54	16° Z 01'18	-4.7m			
asc. node	-449 Dec 09 j 02:29	17° Z 54'23		superior conj	-446 May 30 j 05:21	1° II 52'12 0°10'12
retrograde	-449 Dec 16 j 18:24	19° Z 03'52		minimum elong	-446 May 30 j 03:19	1° II 45'54 0°10'06
evening set	-448 Jan 01 j 08:33	14° Z 12'49		behind sun begin	-446 May 29 j 09:58	0° II 52'38
min. Earth dist.	-448 Jan 05 j 12:51	11° Z 41'45	0.27098 AU	behind sun end	-446 May 30 j 20:39	2° II 39'12
inferior conj	-448 Jan 06 j 13:09	11° Z 03'51	6°27'10		-446 Jun 22 j 02:08	0° S
minimum elong	-448 Jan 06 j 03:09	11° Z 19'28	6°25'01	evening rise	-446 Jul 04 j 22:44	15° S 51'23
morning rise	-448 Jan 10 j 22:15	8° Z 23'54		-446 Jul 16 j 09:41	0° Q	
direct	-448 Jan 27 j 00:27	3° Z 17'34		-446 Aug 09 j 16:24	0° M	
greatest brilliancy	-448 Feb 06 j 16:02	5° Z 23'37	-4.6m	-446 Sep 02 j 23:49	0° A	
	-448 Mar 11 j 20:30	0° \approx		desc. node	-446 Sep 14 j 11:59	14° A 10'00
morning max el	-448 Mar 16 j 10:24	4° \approx 22'34	46°12'33	-446 Sep 27 j 09:27	0° L	
desc. node	-448 Mar 29 j 16:48	17° \approx 46'37		-446 Oct 21 j 23:10	0° J	
	-448 Apr 10 j 04:34	0° H		-446 Nov 15 j 21:01	0° Z	
	-448 May 07 j 02:04	0° Y		-446 Dec 11 j 13:53	0° \approx	
	-448 Jun 01 j 23:31	0° X		asc. node	-445 Jan 05 j 14:27	27° \approx 08'37
	-448 Jun 27 j 06:18	0° II		evening max el	-445 Jan 06 j 06:44	27° \approx 49'57 46°46'06
asc. node	-448 Jul 20 j 19:27	28° II 28'18		-445 Jan 08 j 10:31	0° H	
	-448 Jul 22 j 01:31	0° S		greatest brilliancy	-445 Feb 11 j 03:27	26° H 48'05 -4.6m
	-448 Aug 15 j 10:56	0° Q		-445 Feb 20 j 02:39	0° Y	
	-448 Sep 08 j 12:53	0° M		retrograde	-445 Feb 25 j 15:40	0° Y 35'51
morning set	-448 Sep 09 j 20:07	1° M 37'47		-445 Mar 03 j 00:58	30° R H	
	-448 Oct 02 j 10:23	0° A		evening set	-445 Mar 15 j 00:31	24° H 42'41
				inferior conj	-445 Mar 18 j 21:49	22° H 16'35 7°31'35
superior conj	-448 Oct 18 j 20:15	20° A 39'29	0°48'11	minimum elong	-445 Mar 19 j 05:46	22° H 03'59 7°30'30
minimum elong	-448 Oct 19 j 06:32	21° A 11'52	0°47'46	min. Earth dist.	-445 Mar 18 j 19:09	22° H 20'49 0.28771 AU
max. Earth dist.	-448 Oct 18 j 08:24	20° A 02'09	1.71096 AU	morning rise	-445 Mar 23 j 11:19	19° H 27'05
	-448 Oct 26 j 06:16	0° L		direct	-445 Apr 09 j 06:38	14° H 01'46
desc. node	-448 Nov 09 j 09:41	17° L 48'02		greatest brilliancy	-445 Apr 21 j 07:05	16° H 37'23 -4.5m
	-448 Nov 19 j 02:27	0° J		desc. node	-445 Apr 27 j 04:25	19° H 27'58
evening rise	-448 Nov 29 j 11:11	13° J 01'21		-445 May 12 j 09:50	0° Y	

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning max el	-445 May 28 j 02:45	13°Υ56'04	45°45'31		-443 Dec 22 j 18:11	0°≈	
	-445 Jun 13 j 03:53	0°Ϡ			-442 Jan 16 j 13:01	0°✠	
	-445 Jul 10 j 16:02	0°Π		asc. node	-442 Feb 02 j 02:21	19°✠31'01	
	-445 Aug 05 j 13:56	0°☿			-442 Feb 11 j 05:14	0°Υ	
asc. node	-445 Aug 18 j 07:24	15°☿10'32			-442 Mar 10 j 20:23	0°Ϡ	
	-445 Aug 30 j 13:25	0°Ω		evening max el	-442 Mar 18 j 05:04	7°Ϡ19'55	45°33'42
	-445 Sep 23 j 22:20	0°♄			-442 Apr 14 j 15:51	0°Π	
	-445 Oct 17 j 22:39	0°♁		greatest brilliancy	-442 Apr 21 j 10:15	3°Π44'23	-4.5m
	-445 Nov 10 j 19:10	0°♂		retrograde	-442 May 05 j 21:48	7°Π24'35	
morning set	-445 Nov 24 j 11:47	17°♂14'34		evening set	-442 May 20 j 23:20	3°Π03'30	
	-445 Dec 04 j 15:06	0°♂		desc. node	-442 May 24 j 16:21	0°Π54'32	
desc. node	-445 Dec 07 j 21:24	4°♂06'13			-442 May 26 j 03:45	30°♂	
	-445 Dec 28 j 12:10	0°☿		inferior conj	-442 May 27 j 09:46	29°Ϡ13'09	0°-38'-10
				minimum elong	-442 May 27 j 08:22	29°Ϡ15'21	0°37'45
superior conj	-444 Jan 05 j 12:26	10°☿02'28	-1°00'-57	min. Earth dist.	-442 May 27 j 15:36	29°Ϡ04'02	0.28976 AU
minimum elong	-444 Jan 05 j 00:40	9°☿25'36	1°00'33	morning rise	-442 Jun 02 j 17:04	25°Ϡ25'36	
max. Earth dist.	-444 Jan 09 j 13:33	15°☿06'31	1.71525 AU	direct	-442 Jun 18 j 01:54	20°Ϡ54'02	
	-444 Jan 21 j 11:20	0°≈		greatest brilliancy	-442 Jul 02 j 03:49	24°Ϡ19'29	-4.5m
	-444 Feb 14 j 13:30	0°✠			-442 Jul 12 j 02:17	0°Π	
evening rise	-444 Feb 15 j 03:28	0°✠43'20		morning max el	-442 Aug 06 j 04:29	21°Π05'44	46°02'23
	-444 Mar 09 j 19:50	0°Υ			-442 Aug 15 j 02:27	0°☿	
asc. node	-444 Mar 30 j 00:15	24°Υ45'03			-442 Sep 11 j 14:18	0°Ω	
	-444 Apr 03 j 07:33	0°Ϡ		asc. node	-442 Sep 14 j 19:17	3°Ω40'58	
	-444 Apr 28 j 01:57	0°Π			-442 Oct 07 j 02:51	0°♄	
	-444 May 23 j 05:04	0°☿			-442 Oct 31 j 17:15	0°♁	
	-444 Jun 17 j 21:11	0°Ω			-442 Nov 24 j 21:28	0°♂	
	-444 Jul 14 j 12:31	0°♄			-442 Dec 18 j 22:14	0°♂	
desc. node	-444 Jul 19 j 14:03	5°♄30'20		desc. node	-441 Jan 04 j 09:25	20°♂33'32	
evening max el	-444 Aug 11 j 07:06	28°♄55'24	46°27'29		-441 Jan 11 j 23:00	0°☿	
	-444 Aug 12 j 09:49	0°♁			-441 Feb 05 j 01:13	0°≈	
greatest brilliancy	-444 Sep 19 j 13:04	28°♁05'11	-4.6m	morning set	-441 Feb 09 j 13:40	5°≈37'00	
	-444 Sep 27 j 21:41	0°♂			-441 Mar 01 j 05:29	0°✠	
retrograde	-444 Sep 29 j 23:40	0°♂05'04					
	-444 Oct 02 j 01:10	30°♂♁		superior conj	-441 Mar 20 j 14:02	23°✠55'55	-1°-14'-1
evening set	-444 Oct 15 j 12:30	25°♁25'59		minimum elong	-441 Mar 20 j 22:31	24°✠22'04	1°13'50
inferior conj	-444 Oct 20 j 13:58	22°♁26'55	-4°-55'-13	max. Earth dist.	-441 Mar 23 j 03:57	27°✠06'53	1.73077 AU
minimum elong	-444 Oct 20 j 23:41	22°♁12'09	4°52'37		-441 Mar 25 j 12:06	0°Υ	
min. Earth dist.	-444 Oct 21 j 02:18	22°♁08'10	0.26566 AU		-441 Apr 18 j 21:11	0°Ϡ	
morning rise	-444 Oct 26 j 10:30	19°♁01'24		evening rise	-441 Apr 27 j 02:33	10°Ϡ05'31	
asc. node	-444 Nov 09 j 16:37	14°♁47'55		asc. node	-441 Apr 27 j 12:03	10°Ϡ34'39	
direct	-444 Nov 10 j 01:18	14°♁47'45		greatest brilliancy	-441 May 02 j 04:37	16°Ϡ19'40	-3.9m
greatest brilliancy	-444 Nov 22 j 18:59	17°♁49'04	-4.7m		-441 May 13 j 08:29	0°Π	
	-444 Dec 11 j 05:15	0°♂			-441 Jun 06 j 21:51	0°☿	
morning max el	-444 Dec 30 j 16:17	18°♂07'42	46°51'45		-441 Jul 01 j 13:49	0°Ω	
	-443 Jan 11 j 00:50	0°♂			-441 Jul 26 j 10:03	0°♄	
	-443 Feb 06 j 22:02	0°☿		desc. node	-441 Aug 17 j 02:04	25°♄52'37	
desc. node	-443 Mar 01 j 07:05	26°☿01'21			-441 Aug 20 j 13:38	0°♁	
	-443 Mar 04 j 16:12	0°≈			-441 Sep 15 j 06:12	0°♂	
	-443 Mar 29 j 23:01	0°✠			-441 Oct 12 j 02:08	0°♂	
	-443 Apr 23 j 23:47	0°Υ		evening max el	-441 Oct 24 j 07:48	12°♂49'07	47°25'01
	-443 May 18 j 20:06	0°Ϡ			-441 Nov 11 j 13:49	0°☿	
	-443 Jun 12 j 11:54	0°Π		greatest brilliancy	-441 Dec 01 j 16:34	13°☿35'08	-4.7m
asc. node	-443 Jun 22 j 09:44	12°Π07'38		asc. node	-441 Dec 08 j 04:39	15°☿51'34	
morning set	-443 Jun 30 j 01:57	21°Π33'10		retrograde	-441 Dec 14 j 08:32	16°☿37'05	
	-443 Jul 06 j 22:38	0°☿		evening set	-441 Dec 29 j 18:45	11°☿50'48	
	-443 Jul 31 j 04:24	0°Ω		min. Earth dist.	-440 Jan 03 j 02:16	9°☿15'34	0.27035 AU
max. Earth dist.	-443 Aug 01 j 12:01	1°Ω38'15	1.72522 AU	inferior conj	-440 Jan 04 j 02:28	8°☿37'57	6°11'24
				minimum elong	-440 Jan 03 j 16:26	8°☿53'34	6°09'10
superior conj	-443 Aug 05 j 13:26	6°Ω41'05	1°19'57	morning rise	-440 Jan 08 j 14:37	5°☿54'07	
minimum elong	-443 Aug 05 j 07:52	6°Ω23'46	1°19'52	direct	-440 Jan 24 j 13:12	0°☿52'30	
	-443 Aug 24 j 06:20	0°♄		greatest brilliancy	-440 Feb 04 j 05:24	2°☿59'41	-4.6m
evening rise	-443 Sep 11 j 22:37	23°♄20'48			-440 Mar 11 j 21:28	0°≈	
	-443 Sep 17 j 06:18	0°♁		morning max el	-440 Mar 14 j 01:08	2°≈04'43	46°14'06
	-443 Oct 11 j 06:01	0°♂		desc. node	-440 Mar 28 j 18:50	17°≈02'08	
desc. node	-443 Oct 11 j 23:52	0°♂55'47			-440 Apr 09 j 21:21	0°✠	
	-443 Nov 04 j 06:47	0°♂			-440 May 06 j 16:00	0°Υ	
	-443 Nov 28 j 09:57	0°☿			-440 Jun 01 j 12:05	0°Ϡ	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 93

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-440 Jun 26 j 18:07	0°♊			-438 Dec 11 j 06:17	0°♋	
asc. node	-440 Jul 19 j 21:37	28°♊00'06		evening max el	-437 Jan 03 j 22:18	25°♋32'31	46°48'27
	-440 Jul 21 j 12:55	0°♌		asc. node	-437 Jan 04 j 16:34	26°♋18'42	
	-440 Aug 14 j 22:06	0°♍			-437 Jan 08 j 09:36	0°♌	
morning set	-440 Sep 07 j 11:11	29°♍20'03		greatest brilliancy	-437 Feb 08 j 22:00	24°♌37'24	-4.6m
	-440 Sep 07 j 23:58	0°♎		retrograde	-437 Feb 23 j 07:53	28°♌22'29	
	-440 Oct 01 j 21:29	0°♏		evening set	-437 Mar 12 j 19:07	22°♌26'09	
				inferior conj	-437 Mar 16 j 13:59	20°♌03'32	7°40'58
superior conj	-440 Oct 16 j 08:01	18°♏10'16	0°51'16	minimum elong	-437 Mar 16 j 21:30	19°♌51'34	7°40'01
minimum elong	-440 Oct 16 j 18:33	18°♏43'26	0°50'51	min. Earth dist.	-437 Mar 16 j 10:29	20°♌09'05	0.28739 AU
max. Earth dist.	-440 Oct 15 j 18:28	17°♏27'36	1.71120 AU	morning rise	-437 Mar 21 j 00:10	17°♌18'37	
	-440 Oct 25 j 17:27	0°♐		direct	-437 Apr 06 j 22:23	11°♌49'31	
desc. node	-440 Nov 08 j 11:44	17°♐19'07		greatest brilliancy	-437 Apr 18 j 19:43	14°♌21'50	-4.5m
	-440 Nov 18 j 13:44	0°♑		desc. node	-437 Apr 26 j 06:30	18°♌04'44	
evening rise	-440 Nov 26 j 20:54	10°♑25'40			-437 May 12 j 17:32	0°♒	
	-440 Dec 12 j 11:25	0°♓		morning max el	-437 May 25 j 17:47	11°♒43'04	45°45'42
	-439 Jan 05 j 11:41	0°♈			-437 Jun 12 j 21:48	0°♉	
	-439 Jan 29 j 16:38	0°♊			-437 Jul 10 j 06:22	0°♊	
	-439 Feb 23 j 05:31	0°♋			-437 Aug 05 j 02:44	0°♌	
asc. node	-439 Mar 01 j 14:20	7°♋41'37		asc. node	-437 Aug 17 j 09:27	14°♌39'29	
	-439 Mar 20 j 06:59	0°♌			-437 Aug 30 j 01:27	0°♍	
	-439 Apr 15 j 04:34	0°♍			-437 Sep 23 j 10:00	0°♎	
	-439 May 12 j 15:46	0°♏			-437 Oct 17 j 10:08	0°♏	
evening max el	-439 May 28 j 00:19	15°♏22'43	45°22'04		-437 Nov 10 j 06:32	0°♐	
	-439 Jun 13 j 15:29	0°♍		morning set	-437 Nov 21 j 22:09	14°♐40'29	
desc. node	-439 Jun 21 j 04:23	5°♍32'57			-437 Dec 04 j 02:23	0°♑	
greatest brilliancy	-439 Jul 03 j 11:58	12°♍19'18	-4.5m	desc. node	-437 Dec 06 j 23:37	3°♑37'46	
retrograde	-439 Jul 15 j 15:01	14°♍53'54			-437 Dec 27 j 23:23	0°♓	
evening set	-439 Aug 01 j 21:12	9°♍19'45					
inferior conj	-439 Aug 05 j 19:37	6°♍57'15	-8°-16'-47	superior conj	-436 Jan 02 j 22:45	7°♓29'24	0°-58'-8
minimum elong	-439 Aug 05 j 13:11	7°♍07'07	8°16'10	minimum elong	-436 Jan 02 j 11:00	6°♓52'33	0°57'44
min. Earth dist.	-439 Aug 06 j 05:11	6°♍42'32	0.28276 AU	max. Earth dist.	-436 Jan 06 j 23:09	12°♓31'17	1.71476 AU
morning rise	-439 Aug 09 j 05:00	4°♍53'33			-436 Jan 20 j 22:30	0°♈	
	-439 Aug 19 j 14:41	30°♎00'		evening rise	-436 Feb 12 j 16:10	28°♈19'06	
direct	-439 Aug 27 j 04:55	28°♎50'38			-436 Feb 14 j 00:40	0°♊	
	-439 Sep 04 j 00:31	0°♍			-436 Mar 09 j 07:04	0°♋	
greatest brilliancy	-439 Sep 10 j 13:54	2°♍32'47	-4.6m	asc. node	-436 Mar 29 j 02:14	24°♋16'23	
asc. node	-439 Oct 12 j 06:55	27°♍10'53			-436 Apr 02 j 18:59	0°♌	
	-439 Oct 15 j 03:14	0°♎			-436 Apr 27 j 13:48	0°♍	
morning max el	-439 Oct 16 j 15:37	1°♎31'36	46°43'22		-436 May 22 j 17:41	0°♏	
	-439 Nov 11 j 20:40	0°♏			-436 Jun 17 j 11:13	0°♍	
	-439 Dec 07 j 10:27	0°♐			-436 Jul 14 j 05:28	0°♎	
	-438 Jan 01 j 06:04	0°♑		desc. node	-436 Jul 18 j 16:11	4°♎48'19	
	-438 Jan 25 j 19:14	0°♓		evening max el	-436 Aug 08 j 19:01	26°♎29'31	46°24'39
desc. node	-438 Jan 31 j 21:15	7°♓27'16			-436 Aug 12 j 10:57	0°♏	
	-438 Feb 19 j 06:34	0°♈		greatest brilliancy	-436 Sep 17 j 02:41	25°♏38'44	-4.6m
	-438 Mar 15 j 17:45	0°♊		retrograde	-436 Sep 27 j 10:58	27°♏36'52	
	-438 Apr 09 j 05:17	0°♋		evening set	-436 Oct 13 j 03:44	22°♏53'19	
morning set	-438 Apr 21 j 13:03	15°♋05'51		inferior conj	-436 Oct 18 j 02:15	19°♏58'42	-5°-15'-9
	-438 May 03 j 16:54	0°♌		minimum elong	-436 Oct 18 j 12:19	19°♏43'23	5°12'32
asc. node	-438 May 24 j 23:59	26°♌07'18		min. Earth dist.	-436 Oct 18 j 16:09	19°♏37'33	0.26609 AU
max. Earth dist.	-438 May 26 j 13:18	28°♌01'50	1.73646 AU	morning rise	-436 Oct 23 j 20:26	16°♏36'06	
				direct	-436 Nov 07 j 13:31	12°♏18'27	
superior conj	-438 May 27 j 23:48	29°♌47'47	0°07'06	asc. node	-436 Nov 08 j 18:50	12°♏20'15	
minimum elong	-438 May 27 j 22:22	29°♌43'23	0°07'03	greatest brilliancy	-436 Nov 20 j 10:59	15°♏23'32	-4.7m
behind sun begin	-438 May 27 j 02:12	28°♌41'27			-436 Dec 11 j 16:26	0°♐	
behind sun end	-438 May 28 j 18:33	0°♍45'20		morning max el	-436 Dec 28 j 05:06	15°♐39'34	46°52'39
	-438 May 28 j 03:47	0°♍			-435 Jan 10 j 20:12	0°♑	
	-438 Jun 21 j 13:07	0°♏			-435 Feb 06 j 13:19	0°♓	
evening rise	-438 Jul 02 j 17:37	13°♏47'24		desc. node	-435 Feb 28 j 09:07	25°♓27'12	
	-438 Jul 15 j 20:50	0°♍			-435 Mar 04 j 05:37	0°♈	
	-438 Aug 09 j 03:50	0°♊			-435 Mar 29 j 11:24	0°♋	
	-438 Sep 02 j 11:37	0°♌			-435 Apr 23 j 11:30	0°♍	
desc. node	-438 Sep 13 j 13:59	13°♌39'15			-435 May 18 j 07:25	0°♌	
	-438 Sep 26 j 21:45	0°♍			-435 Jun 11 j 22:58	0°♍	
	-438 Oct 21 j 12:09	0°♎		asc. node	-435 Jun 21 j 11:53	11°♍40'28	
	-438 Nov 15 j 11:08	0°♓		morning set	-435 Jun 27 j 19:56	19°♍27'06	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 94

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-435 Jul 06 j 09:35	0°☿		min. Earth dist.	-433 Dec 31 j 15:30	6°☿49'50	0.26972 AU
max. Earth dist.	-435 Jul 30 j 06:59	29°☿34'02	1.72578 AU	inferior conj	-432 Jan 01 j 15:44	6°☿12'17	5°54'53
	-435 Jul 30 j 15:21	0°♊		minimum elong	-432 Jan 01 j 05:44	6°☿27'48	5°52'33
				morning rise	-432 Jan 06 j 06:55	3°☿24'33	
superior conj	-435 Aug 03 j 06:37	4°♊31'11	1°18'50		-432 Jan 13 j 11:38	30°♊	
minimum elong	-435 Aug 03 j 00:31	4°♊12'14	1°18'44	direct	-432 Jan 22 j 02:26	28°♊27'52	
	-435 Aug 23 j 17:22	0°♋			-432 Jan 31 j 02:13	0°☿	
evening rise	-435 Sep 09 j 12:47	21°♋00'14		greatest brilliancy	-432 Feb 01 j 18:04	0°☿35'14	-4.6m
	-435 Sep 16 j 17:29	0°♌		morning max el	-432 Mar 11 j 16:04	29°☿47'49	46°15'35
	-435 Oct 10 j 17:25	0°♍			-432 Mar 11 j 21:04	0°♌	
desc. node	-435 Oct 11 j 01:55	0°♍26'34		desc. node	-432 Mar 27 j 20:51	16°♌18'41	
	-435 Nov 03 j 18:26	0°♎			-432 Apr 09 j 13:37	0°♏	
	-435 Nov 27 j 21:56	0°☿			-432 May 06 j 05:37	0°♐	
	-435 Dec 22 j 06:37	0°♑			-432 Jun 01 j 00:23	0°♒	
	-434 Jan 16 j 02:15	0°♓			-432 Jun 26 j 05:42	0°♑	
asc. node	-434 Feb 01 j 04:25	18°♓55'53		asc. node	-432 Jul 18 j 23:39	27°♑32'06	
	-434 Feb 10 j 20:13	0°♈			-432 Jul 21 j 00:06	0°☿	
	-434 Mar 10 j 16:11	0°♉			-432 Aug 14 j 09:06	0°♊	
evening max el	-434 Mar 15 j 20:14	5°♉06'57	45°35'33	morning set	-432 Sep 05 j 02:02	27°♊02'05	
	-434 Apr 15 j 23:40	0°♋			-432 Sep 07 j 10:55	0°♋	
greatest brilliancy	-434 Apr 19 j 00:09	1°♋32'54	-4.5m		-432 Oct 01 j 08:28	0°♌	
retrograde	-434 May 03 j 14:34	5°♋16'41		max. Earth dist.	-432 Oct 13 j 00:48	14°♌41'51	1.71143 AU
evening set	-434 May 18 j 16:19	0°♌54'09					
	-434 May 20 j 06:56	30°♌		superior conj	-432 Oct 13 j 19:37	15°♌41'02	0°54'15
desc. node	-434 May 23 j 18:31	27°♌54'01		minimum elong	-432 Oct 14 j 06:18	16°♌14'40	0°53'50
inferior conj	-434 May 25 j 02:15	27°♌04'35	0°-18'-30		-432 Oct 25 j 04:30	0°♍	
minimum elong	-434 May 25 j 01:34	27°♌05'38	0°18'20	desc. node	-432 Nov 07 j 13:55	16°♍51'13	
min. Earth dist.	-434 May 25 j 08:13	26°♌55'14	0.28990 AU		-432 Nov 18 j 00:50	0°♎	
morning rise	-434 May 31 j 10:31	23°♌15'53		evening rise	-432 Nov 24 j 06:18	7°♎49'33	
direct	-434 Jun 15 j 18:18	18°♌45'01			-432 Dec 11 j 22:35	0°☿	
greatest brilliancy	-434 Jun 29 j 20:36	22°♌11'10	-4.5m		-431 Jan 04 j 22:58	0°♏	
	-434 Jul 12 j 20:44	0°♍			-431 Jan 29 j 04:07	0°♐	
morning max el	-434 Aug 03 j 21:04	18°♍55'54	46°01'12		-431 Feb 22 j 17:24	0°♑	
	-434 Aug 14 j 21:37	0°☿		asc. node	-431 Feb 28 j 16:22	7°♑11'32	
	-434 Sep 11 j 05:09	0°♊			-431 Mar 19 j 19:39	0°♒	
asc. node	-434 Sep 13 j 21:19	3°♊04'45			-431 Apr 14 j 18:50	0°♑	
	-434 Oct 06 j 16:00	0°♋			-431 May 12 j 10:00	0°☿	
	-434 Oct 31 j 05:35	0°♌		evening max el	-431 May 25 j 15:45	13°☿10'59	45°21'03
	-434 Nov 24 j 09:19	0°♍			-431 Jun 14 j 03:32	0°♊	
	-434 Dec 18 j 09:48	0°♎		desc. node	-431 Jun 20 j 06:25	4°♊17'49	
desc. node	-433 Jan 03 j 11:25	20°♎04'10		greatest brilliancy	-431 Jul 01 j 00:42	10°♊03'41	-4.5m
	-433 Jan 11 j 10:22	0°☿		retrograde	-431 Jul 13 j 05:01	12°♊39'29	
	-433 Feb 04 j 12:23	0°♏		evening set	-431 Jul 30 j 08:32	7°♊10'14	
morning set	-433 Feb 07 j 01:45	3°♏10'46		inferior conj	-431 Aug 03 j 10:25	4°♊42'23	-8°-9'-8
	-433 Feb 28 j 16:28	0°♐		minimum elong	-431 Aug 03 j 03:23	4°♊53'13	8°08'23
				min. Earth dist.	-431 Aug 03 j 19:24	4°♊28'32	0.28320 AU
superior conj	-433 Mar 18 j 05:37	21°♐42'16	-1°-15'-38	morning rise	-431 Aug 06 j 22:02	2°♊35'04	
minimum elong	-433 Mar 18 j 13:44	22°♐07'19	1°15'29		-431 Aug 11 j 14:56	30°♊	
max. Earth dist.	-433 Mar 20 j 21:11	24°♐58'27	1.73030 AU	direct	-431 Aug 24 j 20:25	26°☿35'13	
	-433 Mar 24 j 22:58	0°♈			-431 Sep 07 j 15:18	0°♋	
	-433 Apr 18 j 08:01	0°♉		greatest brilliancy	-431 Sep 08 j 04:21	0°♋15'26	-4.6m
evening rise	-433 Apr 24 j 20:27	7°♉59'58		asc. node	-431 Oct 11 j 09:08	26°♋18'24	
asc. node	-433 Apr 26 j 14:15	10°♉08'07		morning max el	-431 Oct 14 j 05:22	29°♋09'09	46°42'02
	-433 May 12 j 19:26	0°♊			-431 Oct 15 j 01:25	0°♌	
	-433 Jun 06 j 09:04	0°☿			-431 Nov 11 j 12:47	0°♍	
	-433 Jul 01 j 01:28	0°♊			-431 Dec 07 j 00:20	0°♎	
	-433 Jul 25 j 22:25	0°♋			-431 Dec 31 j 18:47	0°♌	
desc. node	-433 Aug 16 j 04:01	25°♋19'01			-430 Jan 25 j 07:14	0°☿	
	-433 Aug 20 j 03:07	0°♌		desc. node	-430 Jan 30 j 23:17	6°☿57'06	
	-433 Sep 14 j 21:37	0°♍			-430 Feb 18 j 18:03	0°♏	
	-433 Oct 11 j 21:45	0°♎			-430 Mar 15 j 04:53	0°♐	
evening max el	-433 Oct 21 j 22:52	10°♎27'38	47°24'34		-430 Apr 08 j 16:11	0°♑	
	-433 Nov 12 j 02:06	0°☿		morning set	-430 Apr 19 j 06:42	12°♑59'50	
greatest brilliancy	-433 Nov 29 j 07:05	11°☿09'20	-4.7m		-430 May 03 j 03:37	0°♒	
asc. node	-433 Dec 07 j 06:46	13°☿44'08		asc. node	-430 May 24 j 02:08	25°♒41'13	
retrograde	-433 Dec 11 j 22:53	14°☿10'33		max. Earth dist.	-430 May 24 j 10:07	26°♒05'43	1.73651 AU
evening set	-433 Dec 27 j 05:08	9°☿28'58					

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 95

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

superior conj	-430 May 25 j 18:24	27°♄44'49	0°04'00	asc. node	-428 Nov 07 j 20:55	9°♌59'55	
minimum elong	-430 May 25 j 17:35	27°♄42'19	0°03'58	greatest brilliancy	-428 Nov 18 j 03:08	12°♌59'44	-4.7m
behind sun begin	-430 May 24 j 19:51	26°♄35'37			-428 Dec 12 j 00:16	0°♌	
behind sun end	-430 May 26 j 15:18	28°♄49'02		morning max el	-428 Dec 25 j 18:53	13°♌14'46	46°53'18
	-430 May 27 j 14:25	0°♌			-427 Jan 10 j 14:48	0°♌	
	-430 Jun 20 j 23:47	0°♌			-427 Feb 06 j 04:12	0°♌	
evening rise	-430 Jun 30 j 12:39	11°♌45'03		desc. node	-427 Feb 27 j 11:11	24°♌53'56	
	-430 Jul 15 j 07:39	0°♌			-427 Mar 03 j 18:45	0°♌	
	-430 Aug 08 j 14:57	0°♌			-427 Mar 28 j 23:30	0°♌	
	-430 Sep 01 j 23:09	0°♌			-427 Apr 22 j 22:57	0°♌	
desc. node	-430 Sep 12 j 16:05	13°♌09'41			-427 May 17 j 18:25	0°♌	
	-430 Sep 26 j 09:49	0°♌			-427 Jun 11 j 09:43	0°♌	
	-430 Oct 21 j 00:58	0°♌		asc. node	-427 Jun 20 j 13:51	11°♌13'39	
	-430 Nov 15 j 01:10	0°♌		morning set	-427 Jun 25 j 13:59	17°♌22'14	
	-430 Dec 10 j 22:46	0°♌			-427 Jul 05 j 20:16	0°♌	
evening max el	-429 Jan 01 j 12:49	23°♌12'53	46°50'58	max. Earth dist.	-427 Jul 28 j 02:23	27°♌32'01	1.72632 AU
asc. node	-429 Jan 03 j 18:35	25°♌28'18			-427 Jul 30 j 02:03	0°♌	
	-429 Jan 08 j 09:27	0°♌					
greatest brilliancy	-429 Feb 06 j 16:15	22°♌26'48	-4.6m	superior conj	-427 Jul 31 j 23:59	2°♌22'42	1°17'36
retrograde	-429 Feb 20 j 23:41	26°♌09'48		minimum elong	-427 Jul 31 j 17:24	2°♌02'17	1°17'29
evening set	-429 Mar 10 j 13:30	20°♌10'26			-427 Aug 23 j 04:09	0°♌	
inferior conj	-429 Mar 14 j 06:04	17°♌51'12	7°49'39	evening rise	-427 Sep 07 j 03:21	18°♌41'48	
minimum elong	-429 Mar 14 j 13:06	17°♌40'00	7°48'51		-427 Sep 16 j 04:24	0°♌	
min. Earth dist.	-429 Mar 14 j 01:57	17°♌57'47	0.28703 AU	desc. node	-427 Oct 10 j 04:06	29°♌58'40	
morning rise	-429 Mar 18 j 12:58	15°♌10'56			-427 Oct 10 j 04:32	0°♌	
direct	-429 Apr 04 j 13:31	9°♌37'53			-427 Nov 03 j 05:50	0°♌	
greatest brilliancy	-429 Apr 16 j 09:08	12°♌07'57	-4.5m		-427 Nov 27 j 09:40	0°♌	
desc. node	-429 Apr 25 j 08:43	16°♌45'11			-427 Dec 21 j 18:51	0°♌	
	-429 May 12 j 22:33	0°♌			-426 Jan 15 j 15:21	0°♌	
morning max el	-429 May 23 j 08:27	9°♌30'07	45°46'00	asc. node	-426 Jan 31 j 06:27	18°♌20'56	
	-429 Jun 12 j 14:54	0°♌			-426 Feb 10 j 11:13	0°♌	
	-429 Jul 09 j 20:10	0°♌			-426 Mar 10 j 12:28	0°♌	
	-429 Aug 04 j 15:05	0°♌		evening max el	-426 Mar 13 j 12:18	2°♌56'36	45°37'33
asc. node	-429 Aug 16 j 11:31	14°♌09'43		greatest brilliancy	-426 Apr 16 j 15:13	29°♌23'26	-4.5m
	-429 Aug 29 j 13:05	0°♌			-426 Apr 17 j 23:01	0°♌	
	-429 Sep 22 j 21:17	0°♌		retrograde	-426 May 01 j 07:40	3°♌09'14	
	-429 Oct 16 j 21:15	0°♌			-426 May 13 j 23:31	30°♌	
	-429 Nov 09 j 17:35	0°♌		evening set	-426 May 16 j 09:34	28°♌45'21	
morning set	-429 Nov 19 j 08:18	12°♌06'31		inferior conj	-426 May 22 j 18:45	24°♌56'29	0°01'02
	-429 Dec 03 j 13:23	0°♌		minimum elong	-426 May 22 j 18:47	24°♌56'25	0°01'02
desc. node	-429 Dec 06 j 01:40	3°♌09'35		transit middle	-426 May 22 j 18:47	24°♌56'25	0°01'02
	-429 Dec 27 j 10:20	0°♌		transit begin	-426 May 22 j 14:44	25°♌02'46	
				transit end	-426 May 22 j 22:50	24°♌50'05	
superior conj	-429 Dec 31 j 08:30	4°♌55'13	0°-55'-9	desc. node	-426 May 22 j 20:30	24°♌53'44	
minimum elong	-429 Dec 30 j 20:52	4°♌18'46	0°54'45	min. Earth dist.	-426 May 23 j 00:31	24°♌47'28	0.28998 AU
max. Earth dist.	-428 Jan 04 j 04:32	9°♌43'34	1.71429 AU	morning rise	-426 May 29 j 03:50	21°♌06'57	
	-428 Jan 20 j 09:25	0°♌		direct	-426 Jun 13 j 11:10	16°♌36'48	
evening rise	-428 Feb 10 j 04:16	25°♌53'44		greatest brilliancy	-426 Jun 27 j 12:33	20°♌02'36	-4.5m
	-428 Feb 13 j 11:34	0°♌			-426 Jul 13 j 10:09	0°♌	
	-428 Mar 08 j 18:01	0°♌		morning max el	-426 Aug 01 j 13:56	16°♌47'37	45°59'56
asc. node	-428 Mar 28 j 04:26	23°♌49'18			-426 Aug 14 j 16:01	0°♌	
	-428 Apr 02 j 06:06	0°♌			-426 Sep 10 j 19:37	0°♌	
	-428 Apr 27 j 01:21	0°♌		asc. node	-426 Sep 12 j 23:28	2°♌29'44	
	-428 May 22 j 06:02	0°♌			-426 Oct 06 j 04:53	0°♌	
	-428 Jun 17 j 01:03	0°♌			-426 Oct 30 j 17:39	0°♌	
	-428 Jul 13 j 22:22	0°♌			-426 Nov 23 j 20:57	0°♌	
desc. node	-428 Jul 17 j 18:11	4°♌06'32			-426 Dec 17 j 21:09	0°♌	
evening max el	-428 Aug 06 j 07:04	24°♌05'23	46°21'58	desc. node	-425 Jan 02 j 13:27	19°♌35'33	
	-428 Aug 12 j 12:53	0°♌			-425 Jan 10 j 21:30	0°♌	
greatest brilliancy	-428 Sep 14 j 15:08	23°♌12'40	-4.6m		-425 Feb 03 j 23:21	0°♌	
retrograde	-428 Sep 24 j 22:44	25°♌10'34		morning set	-425 Feb 04 j 13:51	0°♌45'04	
evening set	-428 Oct 10 j 19:05	20°♌22'04			-425 Feb 28 j 03:18	0°♌	
inferior conj	-428 Oct 15 j 14:36	17°♌31'59	-5°-34'-9				
minimum elong	-428 Oct 16 j 00:58	17°♌16'15	5°31'34	superior conj	-425 Mar 15 j 20:57	19°♌28'04	-1°-17'-9
min. Earth dist.	-428 Oct 16 j 05:41	17°♌09'05	0.26658 AU	minimum elong	-425 Mar 16 j 04:39	19°♌51'50	1°17'01
morning rise	-428 Oct 21 j 06:20	14°♌12'54		max. Earth dist.	-425 Mar 18 j 15:24	22°♌53'14	1.72986 AU
direct	-428 Nov 05 j 02:13	9°♌50'37			-425 Mar 24 j 09:43	0°♌	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 96

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-425 Apr 17 j 18:47	0°♄				-423 Sep 09 j 15:10	0°♌	
evening rise	-425 Apr 22 j 14:01	5°♄53'39		asc. node		-423 Oct 10 j 11:14	25°♌26'26	
asc. node	-425 Apr 25 j 16:19	9°♄41'26		morning max el		-423 Oct 11 j 18:25	26°♌44'47	46°40'40
	-425 May 12 j 06:18	0°♈				-423 Oct 14 j 22:53	0°♍	
	-425 Jun 05 j 20:11	0°♉				-423 Nov 11 j 04:44	0°♎	
	-425 Jun 30 j 13:02	0°♊				-423 Dec 06 j 14:13	0°♏	
	-425 Jul 25 j 10:43	0°♋				-423 Dec 31 j 07:35	0°♐	
desc. node	-425 Aug 15 j 06:08	24°♋46'02				-422 Jan 24 j 19:21	0°♑	
	-425 Aug 19 j 16:38	0°♌		desc. node		-422 Jan 30 j 01:22	6°♑26'42	
	-425 Sep 14 j 13:12	0°♍				-422 Feb 18 j 05:41	0°♒	
	-425 Oct 11 j 17:53	0°♎				-422 Mar 14 j 16:09	0°♓	
evening max el	-425 Oct 19 j 14:34	8°♎07'56	47°23'57			-422 Apr 08 j 03:11	0°♈	
	-425 Nov 12 j 18:16	0°♏		morning set		-422 Apr 17 j 00:26	10°♈53'40	
greatest brilliancy	-425 Nov 26 j 22:21	8°♏44'51	-4.7m			-422 May 02 j 14:29	0°♉	
asc. node	-425 Dec 06 j 08:45	11°♏31'47		max. Earth dist.		-422 May 22 j 06:06	24°♉06'36	1.73660 AU
retrograde	-425 Dec 09 j 13:08	11°♏44'07		asc. node		-422 May 23 j 04:05	25°♉14'02	
evening set	-425 Dec 24 j 15:45	7°♏07'24						
min. Earth dist.	-425 Dec 29 j 04:53	4°♏24'19	0.26907 AU	superior conj		-422 May 23 j 13:06	25°♉41'45	0°00'54
inferior conj	-425 Dec 30 j 04:59	3°♏46'58	5°37'44	minimum elong		-422 May 23 j 12:54	25°♉41'10	0°00'53
minimum elong	-425 Dec 29 j 19:06	4°♏02'17	5°35'20	behind sun begin		-422 May 22 j 14:41	24°♉32'55	
morning rise	-424 Jan 03 j 23:08	0°♏55'19		behind sun end		-422 May 24 j 11:08	26°♉49'25	
	-424 Jan 05 j 15:26	30°♐♌				-422 May 27 j 01:14	0°♈	
direct	-424 Jan 19 j 15:50	26°♌03'50				-422 Jun 20 j 10:39	0°♉	
greatest brilliancy	-424 Jan 30 j 06:22	28°♌10'38	-4.6m	evening rise		-422 Jun 28 j 07:46	9°♉42'21	
	-424 Feb 03 j 10:10	0°♏				-422 Jul 14 j 18:42	0°♊	
morning max el	-424 Mar 09 j 06:10	27°♏29'06	46°16'57			-422 Aug 08 j 02:18	0°♋	
	-424 Mar 11 j 19:32	0°♌				-422 Sep 01 j 10:54	0°♌	
desc. node	-424 Mar 26 j 23:05	15°♌36'38		desc. node		-422 Sep 11 j 18:13	12°♌39'28	
	-424 Apr 09 j 05:33	0°♍				-422 Sep 25 j 22:08	0°♍	
	-424 May 05 j 19:06	0°♎				-422 Oct 20 j 14:05	0°♎	
	-424 May 31 j 12:38	0°♏				-422 Nov 14 j 15:36	0°♏	
	-424 Jun 25 j 17:17	0°♈				-422 Dec 10 j 15:52	0°♐	
asc. node	-424 Jul 18 j 01:44	27°♈04'20		evening max el		-422 Dec 30 j 02:42	20°♐50'32	46°53'25
	-424 Jul 20 j 11:17	0°♉		asc. node		-421 Jan 02 j 20:44	24°♐36'21	
	-424 Aug 13 j 20:05	0°♊				-421 Jan 08 j 10:54	0°♑	
morning set	-424 Sep 02 j 16:54	24°♊44'21		greatest brilliancy		-421 Feb 04 j 09:48	20°♑14'04	-4.6m
	-424 Sep 06 j 21:51	0°♋		retrograde		-421 Feb 18 j 15:32	23°♑56'11	
	-424 Sep 30 j 19:28	0°♌		evening set		-421 Mar 08 j 07:41	17°♑53'45	
max. Earth dist.	-424 Oct 10 j 05:01	11°♌49'23	1.71172 AU	inferior conj		-421 Mar 11 j 22:08	15°♑37'55	7°57'41
				minimum elong		-421 Mar 12 j 04:38	15°♑27'35	7°57'01
superior conj	-424 Oct 11 j 07:27	13°♌12'35	0°57'06	min. Earth dist.		-421 Mar 11 j 17:25	15°♑45'26	0.28664 AU
minimum elong	-424 Oct 11 j 18:12	13°♌46'24	0°56'43	morning rise		-421 Mar 16 j 01:47	13°♑02'25	
	-424 Oct 24 j 15:35	0°♍		direct		-421 Apr 02 j 04:21	7°♑25'09	
desc. node	-424 Nov 06 j 15:55	16°♍22'32		greatest brilliancy		-421 Apr 13 j 23:21	9°♑54'14	-4.5m
	-424 Nov 17 j 12:00	0°♎		desc. node		-421 Apr 24 j 10:39	15°♑26'58	
evening rise	-424 Nov 21 j 15:46	5°♎13'23				-421 May 13 j 02:01	0°♏	
	-424 Dec 11 j 09:49	0°♏		morning max el		-421 May 20 j 23:20	7°♏16'58	45°46'27
	-423 Jan 04 j 10:17	0°♌				-421 Jun 12 j 07:54	0°♉	
	-423 Jan 28 j 15:38	0°♍				-421 Jul 09 j 10:06	0°♊	
	-423 Feb 22 j 05:19	0°♎				-421 Aug 04 j 03:39	0°♋	
asc. node	-423 Feb 27 j 18:33	6°♏41'50		asc. node		-421 Aug 15 j 13:40	13°♏39'23	
	-423 Mar 19 j 08:23	0°♏				-421 Aug 29 j 01:00	0°♌	
	-423 Apr 14 j 09:18	0°♈				-421 Sep 22 j 08:51	0°♍	
	-423 May 12 j 04:49	0°♉				-421 Oct 16 j 08:40	0°♎	
evening max el	-423 May 23 j 06:33	10°♉57'24	45°20'03			-421 Nov 09 j 04:54	0°♏	
	-423 Jun 14 j 19:52	0°♊		morning set		-421 Nov 16 j 18:33	9°♊32'02	
desc. node	-423 Jun 19 j 08:28	3°♊00'07				-421 Dec 03 j 00:39	0°♋	
greatest brilliancy	-423 Jun 28 j 13:50	7°♊48'20	-4.5m	desc. node		-421 Dec 05 j 03:39	2°♋40'25	
retrograde	-423 Jul 10 j 18:55	10°♊25'22				-421 Dec 26 j 21:35	0°♌	
evening set	-423 Jul 27 j 19:56	5°♊00'59						
inferior conj	-423 Aug 01 j 01:25	2°♊27'49	-8°00'-44	superior conj		-421 Dec 28 j 18:08	2°♌19'41	0°-52'-4
minimum elong	-423 Jul 31 j 17:48	2°♊39'34	7°59'51	minimum elong		-421 Dec 28 j 06:43	1°♌43'53	0°51'38
min. Earth dist.	-423 Aug 01 j 10:05	2°♊14'26	0.28362 AU	max. Earth dist.		-420 Jan 01 j 08:59	6°♌51'55	1.71388 AU
morning rise	-423 Aug 04 j 15:25	0°♊16'43				-420 Jan 19 j 20:40	0°♍	
	-423 Aug 05 j 02:44	30°♐♌		evening rise		-420 Feb 07 j 16:17	23°♍27'02	
direct	-423 Aug 22 j 11:36	24°♌20'00				-420 Feb 12 j 22:49	0°♍	
greatest brilliancy	-423 Sep 05 j 19:47	27°♌59'28	-4.6m			-420 Mar 08 j 05:18	0°♎	

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 97

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

asc. node	-420 Mar 27 j 06:30	23°Υ20'44		-418 Oct 05 j 17:56	0°ྐ	
	-420 Apr 01 j 17:35	0°Ϸ		-418 Oct 30 j 05:59	0°Ϸ	
	-420 Apr 26 j 13:15	0°Π		-418 Nov 23 j 08:54	0°ϯ	
	-420 May 21 j 18:46	0°Ϣ		-418 Dec 17 j 08:51	0°ϣ	
	-420 Jun 16 j 15:21	0°Ω		desc. node	-417 Jan 01 j 15:38	19°ϣ06'19
	-420 Jul 13 j 16:00	0°ྐ			-417 Jan 10 j 08:59	0°ϣ
desc. node	-420 Jul 16 j 20:18	3°ྐ23'28		morning set	-417 Feb 02 j 01:23	28°ϣ16'34
evening max el	-420 Aug 03 j 19:46	21°ྐ41'56	46°19'10		-417 Feb 03 j 10:38	0°≈
	-420 Aug 12 j 16:53	0°Ϸ			-417 Feb 27 j 14:26	0°ϣ
greatest brilliancy	-420 Sep 12 j 02:37	20°Ϸ44'26	-4.6m			
retrograde	-420 Sep 22 j 11:03	22°Ϸ42'56		superior conj	-417 Mar 13 j 11:48	17°ϣ11'22 -1°-18'-34
evening set	-420 Oct 08 j 10:26	17°Ϸ49'20		minimum elong	-417 Mar 13 j 18:59	17°ϣ33'37 1°18'27
inferior conj	-420 Oct 13 j 02:50	15°Ϸ03'44	-5°-52'-30	max. Earth dist.	-417 Mar 16 j 11:11	20°ϣ51'57 1.72939 AU
minimum elong	-420 Oct 13 j 13:25	14°Ϸ47'43	5°49'58		-417 Mar 23 j 20:46	0°Υ
min. Earth dist.	-420 Oct 13 j 18:42	14°Ϸ39'44	0.26710 AU		-417 Apr 17 j 05:51	0°Ϸ
morning rise	-420 Oct 18 j 15:54	11°Ϸ48'38		evening rise	-417 Apr 20 j 07:17	3°Ϸ45'24
direct	-420 Nov 02 j 15:20	7°Ϸ21'24		asc. node	-417 Apr 24 j 18:18	9°Ϸ13'35
asc. node	-420 Nov 06 j 22:53	7°Ϸ43'43			-417 May 11 j 17:29	0°Π
greatest brilliancy	-420 Nov 15 j 18:36	10°Ϸ33'49	-4.7m		-417 Jun 05 j 07:37	0°Ϣ
	-420 Dec 12 j 06:22	0°ϯ			-417 Jun 30 j 00:54	0°Ω
morning max el	-420 Dec 23 j 09:15	10°ϯ50'17	46°53'53		-417 Jul 24 j 23:19	0°ྐ
	-419 Jan 10 j 09:21	0°ϣ		desc. node	-417 Aug 14 j 08:16	24°ྐ12'22
	-419 Feb 05 j 19:17	0°ϣ			-417 Aug 19 j 06:26	0°Ϸ
desc. node	-419 Feb 26 j 13:20	24°ϣ19'59			-417 Sep 14 j 05:12	0°ϯ
	-419 Mar 03 j 08:10	0°≈			-417 Oct 11 j 14:54	0°ϣ
	-419 Mar 28 j 11:55	0°ϣ		evening max el	-417 Oct 17 j 05:31	5°ϣ45'38 47°22'56
	-419 Apr 22 j 10:43	0°Υ			-417 Nov 13 j 16:37	0°ϣ
	-419 May 17 j 05:45	0°Ϸ		greatest brilliancy	-417 Nov 24 j 14:13	6°ϣ19'38 -4.7m
	-419 Jun 10 j 20:49	0°Π		asc. node	-417 Dec 05 j 10:54	9°ϣ12'14
asc. node	-419 Jun 19 j 16:00	10°Π46'27		retrograde	-417 Dec 07 j 02:36	9°ϣ15'34
morning set	-419 Jun 23 j 08:18	15°Π17'17		evening set	-417 Dec 22 j 02:14	4°ϣ43'45
	-419 Jul 05 j 07:15	0°Ϣ		min. Earth dist.	-417 Dec 26 j 18:25	1°ϣ56'16 0.26847 AU
max. Earth dist.	-419 Jul 25 j 22:04	25°Ϣ30'05	1.72685 AU	inferior conj	-417 Dec 27 j 17:57	1°ϣ19'46 5°19'37
				minimum elong	-417 Dec 27 j 08:17	1°ϣ34'46 5°17'10
superior conj	-419 Jul 29 j 17:33	0°Ω14'01	1°16'16		-417 Dec 29 j 21:47	30°ϣϣ
minimum elong	-419 Jul 29 j 10:34	29°Ϣ52'20	1°16'08	morning rise	-416 Jan 01 j 15:03	28°ϣ23'59
	-419 Jul 29 j 13:02	0°Ω		direct	-416 Jan 17 j 04:40	23°ϣ37'53
	-419 Aug 22 j 15:16	0°ྐ		greatest brilliancy	-416 Jan 27 j 19:07	25°ϣ44'36 -4.6m
evening rise	-419 Sep 04 j 18:05	16°ྐ22'52			-416 Feb 05 j 09:07	0°ϣ
	-419 Sep 15 j 15:42	0°Ϸ		morning max el	-416 Mar 06 j 19:03	25°ϣ06'02 46°18'23
desc. node	-419 Oct 09 j 06:05	29°Ϸ28'51			-416 Mar 11 j 17:33	0°≈
	-419 Oct 09 j 16:04	0°ϯ		desc. node	-416 Mar 26 j 01:03	14°≈53'31
	-419 Nov 02 j 17:39	0°ϣ			-416 Apr 08 j 21:31	0°ϣ
	-419 Nov 26 j 21:49	0°ϣ			-416 May 05 j 08:42	0°Υ
	-419 Dec 21 j 07:30	0°≈			-416 May 31 j 01:02	0°Ϸ
	-418 Jan 15 j 04:56	0°ϣ			-416 Jun 25 j 05:00	0°Π
asc. node	-418 Jan 30 j 08:37	17°ϣ44'58		asc. node	-416 Jul 17 j 03:52	26°Π36'11
	-418 Feb 10 j 02:49	0°Υ			-416 Jul 19 j 22:36	0°Ϣ
	-418 Mar 10 j 09:56	0°Ϸ			-416 Aug 13 j 07:12	0°Ω
evening max el	-418 Mar 11 j 04:45	0°Ϸ45'56	45°39'32	morning set	-416 Aug 31 j 08:08	22°Ω27'27
greatest brilliancy	-418 Apr 14 j 07:34	27°Ϸ14'21	-4.5m		-416 Sep 06 j 08:53	0°ྐ
	-418 Apr 21 j 16:01	0°Π			-416 Sep 30 j 06:32	0°Ϸ
retrograde	-418 Apr 29 j 00:39	1°Π00'19		max. Earth dist.	-416 Oct 07 j 10:19	9°Ϸ00'17 1.71203 AU
	-418 May 06 j 02:53	30°ϣϣ				
evening set	-418 May 14 j 02:55	26°Ϸ35'16		superior conj	-416 Oct 08 j 19:53	10°Ϸ45'50 0°59'48
inferior conj	-418 May 20 j 11:10	22°Ϸ47'09	0°20'39	minimum elong	-416 Oct 09 j 06:38	11°Ϸ19'38 0°59'26
minimum elong	-418 May 20 j 11:56	22°Ϸ45'58	0°20'27		-416 Oct 24 j 02:43	0°ϯ
min. Earth dist.	-418 May 20 j 16:41	22°Ϸ38'32	0.29002 AU	desc. node	-416 Nov 05 j 17:58	15°ϯ53'54
desc. node	-418 May 21 j 22:34	21°Ϸ51'55			-416 Nov 16 j 23:14	0°ϣ
morning rise	-418 May 26 j 20:53	18°Ϸ56'49		evening rise	-416 Nov 19 j 01:31	2°ϣ37'57
direct	-418 Jun 11 j 04:06	14°Ϸ27'33			-416 Dec 10 j 21:08	0°ϣ
greatest brilliancy	-418 Jun 25 j 03:13	17°Ϸ51'27	-4.5m		-415 Jan 03 j 21:45	0°≈
	-418 Jul 13 j 20:34	0°Π			-415 Jan 28 j 03:20	0°ϣ
morning max el	-418 Jul 30 j 06:18	14°Π37'28	45°58'47		-415 Feb 21 j 17:27	0°Υ
	-418 Aug 14 j 10:14	0°Ϣ		asc. node	-415 Feb 26 j 20:33	6°Υ11'00
	-418 Sep 10 j 10:09	0°Ω			-415 Mar 18 j 21:22	0°Ϸ
asc. node	-418 Sep 12 j 01:32	1°Ω54'01			-415 Apr 14 j 00:07	0°Π

Planetary Phenomena of Venus from -900 through -400 (UT), Astrodienst AG 7-Dez-2017 14:46, page 98

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-415 May 12 j 00:21	0°☿			-413 Oct 15 j 19:51	0°♊		
evening max el	-415 May 20 j 20:28	8°☿41'19	45°19'14		-413 Nov 08 j 15:59	0°♋		
	-415 Jun 15 j 18:10	0°♌		morning set	-413 Nov 14 j 05:09	6°♌59'23		
desc. node	-415 Jun 18 j 10:36	1°♌39'41			-413 Dec 02 j 11:39	0°♍		
greatest brilliancy	-415 Jun 26 j 02:14	5°♌31'45	-4.5m	desc. node	-413 Dec 04 j 05:52	2°♍12'46		
retrograde	-415 Jul 08 j 08:59	8°♌11'07						
evening set	-415 Jul 25 j 07:12	2°♌51'17		superior conj	-413 Dec 26 j 04:00	29°♍45'49	0°-48'-51	
inferior conj	-415 Jul 29 j 16:19	0°♌12'58	-7°-51'-41	minimum elong	-413 Dec 25 j 16:53	29°♍10'56	0°48'26	
minimum elong	-415 Jul 29 j 08:11	0°♌25'31	7°50'38		-413 Dec 26 j 08:32	0°☿		
min. Earth dist.	-415 Jul 30 j 00:50	29°☿59'49	0.28402 AU	max. Earth dist.	-413 Dec 29 j 15:23	4°☿07'19	1.71346 AU	
	-415 Jul 30 j 00:43	30°☿			-412 Jan 19 j 07:33	0°♎		
morning rise	-415 Aug 02 j 08:52	27°☿57'59		evening rise	-412 Feb 05 j 04:36	21°♎02'23		
direct	-415 Aug 20 j 02:24	22°☿04'18			-412 Feb 12 j 09:41	0°♏		
greatest brilliancy	-415 Sep 03 j 12:12	25°☿44'40	-4.6m		-412 Mar 07 j 16:15	0°♐		
	-415 Sep 10 j 23:25	0°♑		asc. node	-412 Mar 26 j 08:28	22°♐52'51		
morning max el	-415 Oct 09 j 07:51	24°♑21'36	46°39'37		-412 Apr 01 j 04:45	0°♑		
asc. node	-415 Oct 09 j 13:10	24°♑35'00			-412 Apr 26 j 00:55	0°♒		
	-415 Oct 14 j 19:35	0°♓			-412 May 21 j 07:18	0°☿		
	-415 Nov 10 j 20:21	0°♊			-412 Jun 16 j 05:32	0°♌		
	-415 Dec 06 j 03:52	0°♋			-412 Jul 13 j 09:43	0°♍		
	-415 Dec 30 j 20:13	0°♍		desc. node	-412 Jul 15 j 22:24	2°♍40'37		
	-414 Jan 24 j 07:21	0°☿		evening max el	-412 Aug 01 j 09:16	19°♍21'33	46°16'26	
desc. node	-414 Jan 29 j 03:28	5°☿56'35			-412 Aug 12 j 22:23	0°♎		
	-414 Feb 17 j 17:15	0°♏		greatest brilliancy	-412 Sep 09 j 13:37	18°♎16'52	-4.6m	
	-414 Mar 14 j 03:25	0°♐		retrograde	-412 Sep 19 j 23:32	20°♎16'06		
	-414 Apr 07 j 14:12	0°♑		evening set	-412 Oct 06 j 01:51	15°♎17'32		
morning set	-414 Apr 14 j 17:40	8°♑45'47		inferior conj	-412 Oct 10 j 15:01	12°♎36'19	-6°-10'-14	
	-414 May 02 j 01:19	0°♒		minimum elong	-412 Oct 11 j 01:43	12°♎20'06	6°07'46	
max. Earth dist.	-414 May 20 j 02:11	22°♒07'54	1.73666 AU	min. Earth dist.	-412 Oct 11 j 07:18	12°♎11'39	0.26762 AU	
				morning rise	-412 Oct 16 j 01:10	9°♎25'24		
superior conj	-414 May 21 j 07:23	23°♒37'31	0°-2'-16	direct	-412 Oct 31 j 04:47	4°♎53'13		
minimum elong	-414 May 21 j 07:50	23°♒38'55	0°02'15	asc. node	-412 Nov 06 j 01:05	5°♎33'51		
behind sun begin	-414 May 20 j 09:41	22°♒30'53		greatest brilliancy	-412 Nov 13 j 09:06	8°♎07'31	-4.7m	
behind sun end	-414 May 22 j 06:00	24°♒46'57			-412 Dec 12 j 10:10	0°♏		
asc. node	-414 May 22 j 06:14	24°♒47'39		morning max el	-412 Dec 20 j 23:50	8°♏27'17	46°54'32	
	-414 May 26 j 12:00	0°♐			-411 Jan 10 j 03:05	0°♍		
	-414 Jun 19 j 21:29	0°☿			-411 Feb 05 j 09:45	0°☿		
evening rise	-414 Jun 26 j 02:43	7°☿39'23		desc. node	-411 Feb 25 j 15:20	23°☿47'10		
	-414 Jul 14 j 05:44	0°♌			-411 Mar 02 j 21:01	0°♎		
	-414 Aug 07 j 13:37	0°♍			-411 Mar 27 j 23:49	0°♏		
	-414 Aug 31 j 22:39	0°♎			-411 Apr 21 j 22:01	0°♐		
desc. node	-414 Sep 10 j 20:11	12°♎08'55			-411 May 16 j 16:41	0°♑		
	-414 Sep 25 j 10:24	0°♋			-411 Jun 10 j 07:32	0°♒		
	-414 Oct 20 j 03:07	0°♍		asc. node	-411 Jun 18 j 18:08	10°♒20'14		
	-414 Nov 14 j 05:56	0°☿		morning set	-411 Jun 21 j 02:37	13°♒13'29		
	-414 Dec 10 j 09:00	0°♏			-411 Jul 04 j 17:54	0°☿		
evening max el	-414 Dec 27 j 16:41	18°♏29'20	46°55'51	max. Earth dist.	-411 Jul 23 j 15:54	23°☿23'32	1.72737 AU	
asc. node	-413 Jan 01 j 22:48	23°♏44'09						
	-413 Jan 08 j 13:21	0°♐		superior conj	-411 Jul 27 j 11:06	28°☿06'23	1°14'50	
greatest brilliancy	-413 Feb 02 j 02:07	18°♐00'20	-4.6m	minimum elong	-411 Jul 27 j 03:44	27°☿43'32	1°14'40	
retrograde	-413 Feb 16 j 07:42	21°♐43'10			-411 Jul 28 j 23:42	0°♌		
evening set	-413 Mar 06 j 01:39	15°♐37'34			-411 Aug 22 j 02:01	0°♍		
inferior conj	-413 Mar 09 j 14:10	13°♐24'55	8°05'00	evening rise	-411 Sep 02 j 08:50	14°♍05'06		
minimum elong	-413 Mar 09 j 20:06	13°♐15'29	8°04'26		-411 Sep 15 j 02:39	0°♎		
min. Earth dist.	-413 Mar 09 j 08:37	13°♐33'45	0.28630 AU	desc. node	-411 Oct 08 j 08:09	29°♎00'22		
morning rise	-413 Mar 13 j 14:45	10°♐54'13			-411 Oct 09 j 03:16	0°♏		
direct	-413 Mar 30 j 19:20	5°♐12'36			-411 Nov 02 j 05:08	0°♍		
greatest brilliancy	-413 Apr 11 j 14:10	7°♐41'34	-4.5m		-411 Nov 26 j 09:40	0°☿		
desc. node	-413 Apr 23 j 12:44	14°♐11'41			-411 Dec 20 j 19:50	0°♎		
	-413 May 13 j 03:50	0°♑			-410 Jan 14 j 18:11	0°♏		
morning max el	-413 May 18 j 14:59	5°♑06'00	45°46'52	asc. node	-410 Jan 29 j 10:39	17°♏09'44		
	-413 Jun 12 j 00:25	0°♒			-410 Feb 09 j 18:09	0°♐		
	-413 Jul 08 j 23:43	0°♒		evening max el	-410 Mar 08 j 21:15	28°♐36'53	45°41'36	
	-413 Aug 03 j 15:59	0°☿			-410 Mar 10 j 07:32	0°♑		
asc. node	-413 Aug 14 j 15:42	13°☿09'23		greatest brilliancy	-410 Apr 12 j 00:42	25°♑08'12	-4.5m	
	-413 Aug 28 j 12:40	0°♌		retrograde	-410 Apr 26 j 17:25	28°♑53'30		
	-413 Sep 21 j 20:12	0°♍		evening set	-410 May 11 j 20:42	24°♑27'15		

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

inferior conj	-410 May 18 j 03:53	20° U 40'04	0°40'08	minimum elong	-408 Oct 06 j 18:56	8° U 53'04	1°02'02
minimum elong	-410 May 18 j 05:21	20° U 37'46	0°39'42		-408 Oct 23 j 13:42	0° M	
min. Earth dist.	-410 May 18 j 09:18	20° U 31'33	0.29008 AU	desc. node	-408 Nov 04 j 20:09	15° M 26'09	
desc. node	-410 May 21 j 00:44	18° U 53'05		evening rise	-408 Nov 16 j 11:04	0° X 02'26	
morning rise	-410 May 24 j 14:00	16° U 48'53			-408 Nov 16 j 10:17	0° X	
direct	-410 Jun 08 j 21:14	12° U 20'33			-408 Dec 10 j 08:17	0° Z	
greatest brilliancy	-410 Jun 22 j 17:30	15° U 41'26	-4.5m		-407 Jan 03 j 09:03	0° \approx	
	-410 Jul 14 j 03:35	0° II			-407 Jan 27 j 14:52	0° X	
morning max el	-410 Jul 27 j 22:08	12° II 27'13	45°57'30		-407 Feb 21 j 05:27	0° Y	
	-410 Aug 14 j 03:39	0° U		asc. node	-407 Feb 25 j 22:36	5° Y 40'43	
	-410 Sep 10 j 00:12	0° O			-407 Mar 18 j 10:14	0° U	
asc. node	-410 Sep 11 j 03:34	1° O 19'26			-407 Apr 13 j 14:52	0° II	
	-410 Oct 05 j 06:34	0° M			-407 May 11 j 20:07	0° U	
	-410 Oct 29 j 17:56	0° U		evening max el	-407 May 18 j 10:39	6° U 26'59	45°18'42
	-410 Nov 22 j 20:28	0° M			-407 Jun 17 j 00:01	0° O	
	-410 Dec 16 j 20:11	0° X		desc. node	-407 Jun 17 j 12:39	0° O 17'54	
desc. node	-410 Dec 31 j 17:39	18° X 37'40		greatest brilliancy	-407 Jun 23 j 13:38	3° O 15'35	-4.5m
	-409 Jan 09 j 20:07	0° Z		retrograde	-407 Jul 05 j 23:50	5° O 58'52	
morning set	-409 Jan 30 j 12:54	25° Z 48'57		evening set	-407 Jul 22 j 18:46	0° O 43'15	
	-409 Feb 02 j 21:34	0° \approx			-407 Jul 24 j 00:28	30° R U	
	-409 Feb 27 j 01:12	0° X		inferior conj	-407 Jul 27 j 07:33	27° U 59'53	-7°-41'-52
				minimum elong	-407 Jul 26 j 22:57	28° U 13'08	7°40'40
superior conj	-409 Mar 11 j 02:47	14° X 56'12	-1°-19'-51	min. Earth dist.	-407 Jul 27 j 15:40	27° U 47'21	0.28444 AU
minimum elong	-409 Mar 11 j 09:25	15° X 16'42	1°19'45	morning rise	-407 Jul 31 j 02:48	25° U 40'58	
max. Earth dist.	-409 Mar 14 j 07:26	18° X 53'08	1.72885 AU	direct	-407 Aug 17 j 17:35	19° U 50'18	
	-409 Mar 23 j 07:26	0° Y		greatest brilliancy	-407 Sep 01 j 05:25	23° U 32'27	-4.6m
	-409 Apr 16 j 16:30	0° U			-407 Sep 11 j 22:00	0° O	
evening rise	-409 Apr 18 j 00:44	1° U 38'56		morning max el	-407 Oct 06 j 22:29	22° O 02'07	46°38'16
asc. node	-409 Apr 23 j 20:30	8° U 47'40		asc. node	-407 Oct 08 j 15:24	23° O 45'44	
	-409 May 11 j 04:15	0° II			-407 Oct 14 j 15:29	0° M	
	-409 Jun 04 j 18:39	0° U			-407 Nov 10 j 11:43	0° U	
	-409 Jun 29 j 12:26	0° O			-407 Dec 05 j 17:25	0° M	
	-409 Jul 24 j 11:40	0° M			-407 Dec 30 j 08:47	0° X	
desc. node	-409 Aug 13 j 10:13	23° M 38'50			-406 Jan 23 j 19:17	0° Z	
	-409 Aug 18 j 20:05	0° U		desc. node	-406 Jan 28 j 05:30	5° Z 26'28	
	-409 Sep 13 j 21:11	0° M			-406 Feb 17 j 04:45	0° \approx	
	-409 Oct 11 j 12:21	0° X			-406 Mar 13 j 14:35	0° X	
evening max el	-409 Oct 14 j 19:29	3° X 21'38	47°21'52		-406 Apr 07 j 01:08	0° Y	
	-409 Nov 14 j 22:43	0° Z		morning set	-406 Apr 12 j 10:48	6° Y 37'47	
greatest brilliancy	-409 Nov 22 j 06:48	3° Z 56'04	-4.7m		-406 May 01 j 12:05	0° U	
retrograde	-409 Dec 04 j 15:34	6° Z 47'55		max. Earth dist.	-406 May 17 j 23:21	20° U 12'39	1.73668 AU
asc. node	-409 Dec 04 j 13:00	6° Z 47'54					
evening set	-409 Dec 19 j 12:54	2° Z 20'39		superior conj	-406 May 19 j 01:51	21° U 33'59	0°-5'-23
	-409 Dec 23 j 12:04	30° R X		minimum elong	-406 May 19 j 02:56	21° U 37'19	0°05'20
min. Earth dist.	-409 Dec 24 j 08:24	29° X 28'34	0.26787 AU	behind sun begin	-406 May 18 j 05:41	20° U 32'04	
inferior conj	-409 Dec 25 j 06:57	28° X 53'34	5°00'47	behind sun end	-406 May 20 j 00:12	22° U 42'35	
minimum elong	-409 Dec 24 j 21:34	29° X 08'08	4°58'20	asc. node	-406 May 21 j 08:22	24° U 21'17	
morning rise	-409 Dec 30 j 06:54	25° X 53'39			-406 May 25 j 22:42	0° II	
direct	-408 Jan 14 j 17:00	21° X 12'41			-406 Jun 19 j 08:14	0° U	
greatest brilliancy	-408 Jan 25 j 08:53	23° X 20'22	-4.6m	evening rise	-406 Jun 23 j 22:03	5° U 37'56	
	-408 Feb 06 j 16:28	0° Z			-406 Jul 13 j 16:39	0° O	
morning max el	-408 Mar 04 j 07:23	22° Z 42'15	46°19'57		-406 Aug 07 j 00:51	0° M	
	-408 Mar 11 j 14:26	0° \approx			-406 Aug 31 j 10:19	0° U	
desc. node	-408 Mar 25 j 03:07	14° \approx 12'05		desc. node	-406 Sep 09 j 22:20	11° U 39'02	
	-408 Apr 08 j 12:54	0° X			-406 Sep 24 j 22:40	0° M	
	-408 May 04 j 21:51	0° Y			-406 Oct 19 j 16:17	0° X	
	-408 May 30 j 13:02	0° U			-406 Nov 13 j 20:33	0° Z	
	-408 Jun 24 j 16:20	0° II			-406 Dec 10 j 02:42	0° \approx	
asc. node	-408 Jul 16 j 05:53	26° II 08'47		evening max el	-406 Dec 25 j 07:31	16° \approx 09'35	46°58'17
	-408 Jul 19 j 09:35	0° U		asc. node	-405 Jan 01 j 00:51	22° \approx 50'11	
	-408 Aug 12 j 18:01	0° O			-405 Jan 08 j 17:49	0° X	
morning set	-408 Aug 28 j 23:27	20° O 11'34		greatest brilliancy	-405 Jan 30 j 18:09	15° X 45'13	-4.6m
	-408 Sep 05 j 19:43	0° M		retrograde	-405 Feb 14 j 00:17	19° X 28'56	
	-408 Sep 29 j 17:25	0° U		evening set	-405 Mar 03 j 19:15	13° X 20'23	
max. Earth dist.	-408 Oct 04 j 16:54	6° U 15'41	1.71241 AU	inferior conj	-405 Mar 07 j 05:59	11° X 10'37	8°11'34
				minimum elong	-405 Mar 07 j 11:19	11° X 02'09	8°11'07
superior conj	-408 Oct 06 j 08:17	8° U 19'33	1°02'24	min. Earth dist.	-405 Mar 06 j 23:14	11° X 21'21	0.28590 AU

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Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

morning rise	-405 Mar 11 j 03:36	8° H 44'40		-403 Oct 08 j 14:43	0° M	
direct	-405 Mar 28 j 10:25	2° H 58'53		-403 Nov 01 j 16:52	0° J	
greatest brilliancy	-405 Apr 09 j 03:57	5° H 27'01	-4.5m	-403 Nov 25 j 21:45	0° Z	
desc. node	-405 Apr 22 j 14:58	12° H 58'16		-403 Dec 20 j 08:30	0° \approx	
	-405 May 13 j 04:31	0° Y		-402 Jan 14 j 07:55	0° H	
morning max el	-405 May 16 j 07:21	2° Y 56'21	45°47'24	asc. node	-402 Jan 28 j 12:43	16° H 33'05
	-405 Jun 11 j 16:45	0° B		-402 Feb 09 j 10:12	0° Y	
	-405 Jul 08 j 13:18	0° II		evening max el	-402 Mar 06 j 13:02	26° Y 24'17 45°43'33
	-405 Aug 03 j 04:18	0° S		-402 Mar 10 j 06:45	0° B	
asc. node	-405 Aug 13 j 17:46	12° S 39'29		greatest brilliancy	-402 Apr 09 j 17:59	23° B 00'05 -4.5m
	-405 Aug 28 j 00:22	0° O		retrograde	-402 Apr 24 j 09:31	26° B 44'23
	-405 Sep 21 j 07:35	0° M		evening set	-402 May 09 j 14:23	22° B 16'46
	-405 Oct 15 j 07:04	0° A		inferior conj	-402 May 15 j 20:22	18° B 30'51 0°59'38
	-405 Nov 08 j 03:10	0° M		minimum elong	-402 May 15 j 22:32	18° B 27'27 0°59'00
morning set	-405 Nov 11 j 15:58	4° M 27'03		min. Earth dist.	-402 May 16 j 02:03	18° B 21'54 0.29011 AU
	-405 Dec 01 j 22:50	0° J		desc. node	-402 May 20 j 02:43	15° B 53'10
desc. node	-405 Dec 03 j 07:53	1° J 44'00		morning rise	-402 May 22 j 06:41	14° B 38'55
				direct	-402 Jun 06 j 13:39	10° B 11'25
superior conj	-405 Dec 23 j 13:23	27° J 09'30	0°-45'-30	greatest brilliancy	-402 Jun 20 j 07:33	13° B 29'13 -4.5m
minimum elong	-405 Dec 23 j 02:42	26° J 35'58	0°45'05		-402 Jul 14 j 09:08	0° II
	-405 Dec 25 j 19:42	0° Z		morning max el	-402 Jul 25 j 13:01	10° II 13'19 45°56'22
max. Earth dist.	-405 Dec 26 j 22:46	1° Z 24'52	1.71312 AU		-402 Aug 13 j 21:10	0° S
	-404 Jan 18 j 18:43	0° \approx			-402 Sep 09 j 14:29	0° O
evening rise	-404 Feb 02 j 16:15	18° \approx 34'39		asc. node	-402 Sep 10 j 05:44	0° O 44'20
	-404 Feb 11 j 20:51	0° H			-402 Oct 04 j 19:29	0° M
	-404 Mar 07 j 03:29	0° Y			-402 Oct 29 j 06:09	0° A
asc. node	-404 Mar 25 j 10:41	22° Y 24'49			-402 Nov 22 j 08:18	0° M
	-404 Mar 31 j 16:14	0° B			-402 Dec 16 j 07:45	0° J
	-404 Apr 25 j 12:53	0° II		desc. node	-402 Dec 30 j 19:41	18° J 08'23
	-404 May 20 j 20:11	0° S			-401 Jan 09 j 07:28	0° Z
	-404 Jun 15 j 20:07	0° O		morning set	-401 Jan 28 j 00:28	23° Z 20'34
	-404 Jul 13 j 04:04	0° M			-401 Feb 02 j 08:46	0° \approx
desc. node	-404 Jul 15 j 00:26	1° M 56'33			-401 Feb 26 j 12:18	0° H
evening max el	-404 Jul 29 j 23:41	17° M 03'10	46°13'50			
	-404 Aug 13 j 06:09	0° A		superior conj	-401 Mar 08 j 17:37	12° H 39'23 -1°-21'00
greatest brilliancy	-404 Sep 07 j 01:21	15° A 50'52	-4.6m	minimum elong	-401 Mar 08 j 23:38	12° H 58'02 1°20'56
retrograde	-404 Sep 17 j 12:08	17° A 50'06		max. Earth dist.	-401 Mar 12 j 01:55	16° H 47'40 1.72836 AU
evening set	-404 Oct 03 j 17:42	12° A 46'54			-401 Mar 22 j 18:30	0° Y
inferior conj	-404 Oct 08 j 03:35	10° A 09'58	-6°-26'-55	evening rise	-401 Apr 15 j 17:42	29° Y 29'40
minimum elong	-404 Oct 08 j 14:20	9° A 53'40	6°24'33		-401 Apr 16 j 03:35	0° B
min. Earth dist.	-404 Oct 08 j 20:09	9° A 44'52	0.26814 AU	asc. node	-401 Apr 22 j 22:33	8° B 19'54
morning rise	-404 Oct 13 j 10:38	7° A 03'15			-401 May 10 j 15:28	0° II
direct	-404 Oct 28 j 18:37	2° A 26'20			-401 Jun 04 j 06:09	0° S
asc. node	-404 Nov 05 j 03:09	3° A 29'55			-401 Jun 29 j 00:26	0° O
greatest brilliancy	-404 Nov 10 j 22:47	5° A 40'42	-4.7m		-401 Jul 24 j 00:30	0° M
	-404 Dec 12 j 12:29	0° M		desc. node	-401 Aug 12 j 12:22	23° M 04'27
morning max el	-404 Dec 18 j 14:01	6° M 02'56	46°54'44		-401 Aug 18 j 10:16	0° A
	-403 Jan 09 j 20:40	0° J			-401 Sep 13 j 13:50	0° M
	-403 Feb 05 j 00:24	0° Z			-401 Oct 11 j 11:01	0° J
desc. node	-403 Feb 24 j 17:25	23° Z 13'40		evening max el	-401 Oct 12 j 08:45	0° J 54'56 47°20'52
	-403 Mar 02 j 10:11	0° \approx			-401 Nov 16 j 19:02	0° Z
	-403 Mar 27 j 12:04	0° H		greatest brilliancy	-401 Nov 19 j 23:21	1° Z 31'34 -4.7m
	-403 Apr 21 j 09:40	0° Y		retrograde	-401 Dec 02 j 04:28	4° Z 19'50
	-403 May 16 j 03:57	0° B		asc. node	-401 Dec 03 j 15:00	4° Z 17'16
	-403 Jun 09 j 18:36	0° II		evening set	-401 Dec 16 j 23:49	29° J 56'30
asc. node	-403 Jun 17 j 20:06	9° II 52'34			-401 Dec 16 j 21:17	30° R J
morning set	-403 Jun 18 j 20:48	11° II 08'18		min. Earth dist.	-401 Dec 21 j 22:40	27° J 00'03 0.26729 AU
	-403 Jul 04 j 04:52	0° S		inferior conj	-401 Dec 22 j 20:03	26° J 26'54 4°41'23
max. Earth dist.	-403 Jul 21 j 07:56	21° S 10'29	1.72787 AU	minimum elong	-401 Dec 22 j 11:00	26° J 40'56 4°38'56
				morning rise	-401 Dec 27 j 22:45	23° J 23'05
superior conj	-403 Jul 25 j 04:46	25° S 58'12	1°13'17	direct	-400 Jan 12 j 04:59	18° J 46'47
minimum elong	-403 Jul 24 j 21:04	25° S 34'19	1°13'06	greatest brilliancy	-400 Jan 22 j 23:21	20° J 56'25 -4.6m
	-403 Jul 28 j 10:42	0° O			-400 Feb 07 j 15:19	0° Z
	-403 Aug 21 j 13:06	0° M		morning max el	-400 Mar 01 j 19:53	20° Z 18'06 46°21'27
evening rise	-403 Aug 30 j 23:56	11° M 47'34			-400 Mar 11 j 10:51	0° \approx
	-403 Sep 14 j 13:53	0° A		desc. node	-400 Mar 24 j 05:20	13° \approx 30'53
desc. node	-403 Oct 07 j 10:20	28° A 31'28			-400 Apr 08 j 04:22	0° H

Attention, astronomical year style is used: The year -900 in astronomical counting style is the year 901 BCE in historical counting style.

	-400 May 04 j 11:16	0° Υ	
	-400 May 30 j 01:22	0° \mathcal{B}	
	-400 Jun 24 j 04:03	0° Π	
asc. node	-400 Jul 15 j 08:01	25° Π 40'31	
	-400 Jul 18 j 20:56	0° \mathfrak{S}	
	-400 Aug 12 j 05:12	0° Ω	
morning set	-400 Aug 26 j 14:37	17° Ω 54'16	
	-400 Sep 05 j 06:52	0° \mathfrak{M}	
	-400 Sep 29 j 04:37	0° $\underline{\Omega}$	
max. Earth dist.	-400 Oct 02 j 02:24	3° $\underline{\Omega}$ 39'21	1.71279 AU
superior conj	-400 Oct 03 j 20:40	5° $\underline{\Omega}$ 52'15	1°04'52
minimum elong	-400 Oct 04 j 07:08	6° $\underline{\Omega}$ 25'13	1°04'31
	-400 Oct 23 j 00:59	0° \mathfrak{M}	
desc. node	-400 Nov 03 j 22:08	14° \mathfrak{M} 56'47	
evening rise	-400 Nov 13 j 20:44	27° \mathfrak{M} 26'23	
	-400 Nov 15 j 21:39	0° \mathcal{X}	
	-400 Dec 09 j 19:44	0° \mathfrak{Z}	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-400 Oct 03 j 20:40	5°♌52'15	1°04'52	inferior conj	-397 Mar 04 j 21:48	8°♋56'05	8°17'26
minimum elong	-400 Oct 04 j 07:08	6°♌25'13	1°04'31	minimum elong	-397 Mar 05 j 02:29	8°♋48'39	8°17'07
	-400 Oct 23 j 00:59	0°♌		min. Earth dist.	-397 Mar 04 j 13:36	9°♋09'06	0.28546 AU
desc. node	-400 Nov 03 j 22:08	14°♌56'47		morning rise	-397 Mar 08 j 16:34	6°♋34'40	
evening rise	-400 Nov 13 j 20:44	27°♌26'23		direct	-397 Mar 26 j 01:53	0°♋45'12	
	-400 Nov 15 j 21:39	0°♌		greatest brilliancy	-397 Apr 06 j 16:35	3°♋11'11	-4.5m
	-400 Dec 09 j 19:44	0°♌		desc. node	-397 Apr 21 j 16:53	11°♋46'38	
	-399 Jan 02 j 20:36	0°♌			-397 May 13 j 04:00	0°♌	
	-399 Jan 27 j 02:39	0°♋		morning max el	-397 May 13 j 23:53	0°♌47'19	45°47'56
	-399 Feb 20 j 17:40	0°♌			-397 Jun 11 j 08:44	0°♌	
asc. node	-399 Feb 25 j 00:48	5°♌10'12			-397 Jul 08 j 02:47	0°♌	
	-399 Mar 17 j 23:24	0°♌			-397 Aug 02 j 16:38	0°♌	
	-399 Apr 13 j 06:06	0°♌		asc. node	-397 Aug 12 j 19:56	12°♌09'44	
	-399 May 11 j 16:57	0°♌			-397 Aug 27 j 12:08	0°♌	
evening max el	-399 May 16 j 01:35	4°♌13'28	45°18'05		-397 Sep 20 j 19:03	0°♌	
desc. node	-399 Jun 16 j 14:42	28°♌52'04			-397 Oct 14 j 18:23	0°♌	
	-399 Jun 18 j 20:59	0°♌			-397 Nov 07 j 14:23	0°♌	
greatest brilliancy	-399 Jun 21 j 00:12	0°♌57'09	-4.5m	morning set	-397 Nov 09 j 02:40	1°♌54'16	
retrograde	-399 Jul 03 j 14:56	3°♌45'06			-397 Dec 01 j 10:01	0°♌	
	-399 Jul 17 j 14:21	30°♌		desc. node	-397 Dec 02 j 09:55	1°♌15'12	
evening set	-399 Jul 20 j 06:09	28°♌33'42					
inferior conj	-399 Jul 24 j 22:35	25°♌45'14	-7°-31'-14	superior conj	-397 Dec 20 j 22:36	24°♌32'43	0°-42'-3
minimum elong	-399 Jul 24 j 13:34	25°♌59'06	7°29'55	minimum elong	-397 Dec 20 j 12:27	24°♌00'51	0°41'38
min. Earth dist.	-399 Jul 25 j 06:05	25°♌33'41	0.28485 AU	max. Earth dist.	-397 Dec 24 j 08:31	28°♌49'52	1.71276 AU
morning rise	-399 Jul 28 j 20:40	23°♌22'19			-397 Dec 25 j 06:52	0°♌	
direct	-399 Aug 15 j 09:07	17°♌34'53			-396 Jan 18 j 05:51	0°♌	
greatest brilliancy	-399 Aug 29 j 22:24	21°♌18'52	-4.6m	evening rise	-396 Jan 31 j 03:51	16°♌06'48	
	-399 Sep 12 j 15:18	0°♌			-396 Feb 11 j 07:59	0°♋	
morning max el	-399 Oct 04 j 13:50	19°♌43'48	46°36'57		-396 Mar 06 j 14:41	0°♌	
asc. node	-399 Oct 07 j 17:30	22°♌56'03		asc. node	-396 Mar 24 j 12:44	21°♌56'26	
	-399 Oct 14 j 11:08	0°♌			-396 Mar 31 j 03:39	0°♋	
	-399 Nov 10 j 03:07	0°♌			-396 Apr 25 j 00:46	0°♌	
	-399 Dec 05 j 07:04	0°♌			-396 May 20 j 08:59	0°♌	
	-399 Dec 29 j 21:28	0°♌			-396 Jun 15 j 10:42	0°♌	
	-398 Jan 23 j 07:21	0°♌			-396 Jul 12 j 22:46	0°♌	
desc. node	-398 Jan 27 j 07:37	4°♌56'07		desc. node	-396 Jul 14 j 02:33	1°♌12'20	
	-398 Feb 16 j 16:22	0°♌		evening max el	-396 Jul 27 j 13:39	14°♌43'48	46°10'53
	-398 Mar 13 j 01:52	0°♋			-396 Aug 13 j 16:43	0°♌	
	-398 Apr 06 j 12:10	0°♌		greatest brilliancy	-396 Sep 04 j 13:50	13°♌25'20	-4.6m
morning set	-398 Apr 10 j 04:09	4°♌29'59		retrograde	-396 Sep 14 j 23:57	15°♌23'25	
	-398 Apr 30 j 22:59	0°♋		evening set	-396 Oct 01 j 09:21	10°♌15'47	
max. Earth dist.	-398 May 15 j 22:32	18°♋23'07	1.73675 AU	inferior conj	-396 Oct 05 j 15:59	7°♌43'09	-6°-42'-48
				minimum elong	-396 Oct 06 j 02:40	7°♌26'56	6°40'35
superior conj	-398 May 16 j 20:23	19°♋30'10	0°-8'-28	min. Earth dist.	-396 Oct 06 j 09:09	7°♌17'05	0.26868 AU
minimum elong	-398 May 16 j 22:06	19°♋35'28	0°08'25	morning rise	-396 Oct 10 j 19:39	4°♌40'42	
behind sun begin	-398 May 16 j 02:53	18°♋36'29			-396 Oct 25 j 08:38	30°♌	
behind sun end	-398 May 17 j 17:19	20°♋34'26		direct	-396 Oct 26 j 07:56	29°♌58'51	
asc. node	-398 May 20 j 10:22	23°♋54'05			-396 Oct 27 j 07:20	0°♌	
	-398 May 25 j 09:34	0°♌		asc. node	-396 Nov 04 j 05:09	1°♌30'13	
	-398 Jun 18 j 19:12	0°♌		greatest brilliancy	-396 Nov 08 j 12:38	3°♌13'28	-4.7m
evening rise	-398 Jun 21 j 17:21	3°♌35'51			-396 Dec 12 j 13:33	0°♌	
	-398 Jul 13 j 03:50	0°♌		morning max el	-396 Dec 16 j 03:05	3°♌35'31	46°55'04
	-398 Aug 06 j 12:20	0°♌			-395 Jan 09 j 13:51	0°♌	
	-398 Aug 30 j 22:13	0°♌			-395 Feb 04 j 14:45	0°♌	
desc. node	-398 Sep 09 j 00:26	11°♌08'19		desc. node	-395 Feb 23 j 19:34	22°♌40'59	
	-398 Sep 24 j 11:11	0°♌			-395 Mar 01 j 23:04	0°♌	
	-398 Oct 19 j 05:41	0°♌			-395 Mar 27 j 00:05	0°♋	
	-398 Nov 13 j 11:30	0°♌			-395 Apr 20 j 21:05	0°♌	
	-398 Dec 09 j 20:56	0°♌			-395 May 15 j 15:00	0°♋	
evening max el	-398 Dec 22 j 23:25	13°♌52'09	47°00'41		-395 Jun 09 j 05:25	0°♌	
asc. node	-398 Dec 31 j 03:00	21°♌55'10		morning set	-395 Jun 16 j 15:23	9°♌05'07	
	-397 Jan 09 j 00:23	0°♋		asc. node	-395 Jun 16 j 22:17	9°♌26'16	
greatest brilliancy	-397 Jan 28 j 10:44	13°♋30'36	-4.6m		-395 Jul 03 j 15:35	0°♌	
retrograde	-397 Feb 11 j 17:09	17°♋14'18		max. Earth dist.	-395 Jul 19 j 00:57	19°♌01'20	1.72841 AU
evening set	-397 Mar 01 j 12:39	11°♋03'22					

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-395 Jul 22 j 22:50	23° ♄ 52'12	1°11'39	direct	-392 Jan 09 j 16:42	16° ♄ 20'14	
minimum elong	-395 Jul 22 j 14:52	23° ♄ 27'29	1°11'27	greatest brilliancy	-392 Jan 20 j 14:13	18° ♄ 32'44	-4.6m
	-395 Jul 27 j 21:26	0° ♄			-392 Feb 08 j 08:13	0° ♄	
	-395 Aug 20 j 23:58	0° ♄		morning max el	-392 Feb 28 j 09:13	17° ♄ 56'11	46°23'07
evening rise	-395 Aug 28 j 15:23	9° ♄ 31'49			-392 Mar 11 j 06:30	0° ♄	
	-395 Sep 14 j 00:58	0° ♄		desc. node	-392 Mar 23 j 07:18	12° ♄ 50'06	
desc. node	-395 Oct 06 j 12:18	28° ♄ 02'12			-392 Apr 07 j 19:22	0° ♄	
	-395 Oct 08 j 02:05	0° ♄			-392 May 04 j 00:15	0° ♄	
	-395 Nov 01 j 04:32	0° ♄			-392 May 29 j 13:17	0° ♄	
	-395 Nov 25 j 09:47	0° ♄			-392 Jun 23 j 15:21	0° ♄	
	-395 Dec 19 j 21:05	0° ♄		asc. node	-392 Jul 14 j 10:07	25° ♄ 13'25	
	-394 Jan 13 j 21:34	0° ♄			-392 Jul 18 j 07:53	0° ♄	
asc. node	-394 Jan 27 j 14:52	15° ♄ 57'06			-392 Aug 11 j 16:00	0° ♄	
	-394 Feb 09 j 02:17	0° ♄		morning set	-392 Aug 24 j 06:22	15° ♄ 40'09	
evening max el	-394 Mar 04 j 03:59	24° ♄ 10'17	45°45'41		-392 Sep 04 j 17:37	0° ♄	
	-394 Mar 10 j 06:39	0° ♄			-392 Sep 28 j 15:25	0° ♄	
greatest brilliancy	-394 Apr 07 j 10:46	20° ♄ 52'20	-4.5m	max. Earth dist.	-392 Sep 29 j 14:28	1° ♄ 12'29	1.71316 AU
retrograde	-394 Apr 22 j 01:42	24° ♄ 36'51					
evening set	-394 May 07 j 08:20	20° ♄ 07'23		superior conj	-392 Oct 01 j 09:42	3° ♄ 28'22	1°07'09
inferior conj	-394 May 13 j 13:04	16° ♄ 23'12	1°18'54	minimum elong	-392 Oct 01 j 19:56	4° ♄ 00'33	1°06'51
minimum elong	-394 May 13 j 15:55	16° ♄ 18'43	1°18'06		-392 Oct 22 j 11:51	0° ♄	
min. Earth dist.	-394 May 13 j 19:16	16° ♄ 13'26	0.29012 AU	desc. node	-392 Nov 03 j 00:13	14° ♄ 28'58	
desc. node	-394 May 19 j 04:49	12° ♄ 56'41		evening rise	-392 Nov 11 j 06:52	24° ♄ 53'06	
morning rise	-394 May 19 j 23:25	12° ♄ 30'44			-392 Nov 15 j 08:37	0° ♄	
direct	-394 Jun 04 j 05:43	8° ♄ 03'41			-392 Dec 09 j 06:50	0° ♄	
greatest brilliancy	-394 Jun 17 j 22:26	11° ♄ 19'23	-4.5m		-391 Jan 02 j 07:53	0° ♄	
	-394 Jul 14 j 12:16	0° ♄			-391 Jan 26 j 14:12	0° ♄	
morning max el	-394 Jul 23 j 03:55	8° ♄ 00'46	45°55'25		-391 Feb 20 j 05:42	0° ♄	
	-394 Aug 13 j 13:51	0° ♄		asc. node	-391 Feb 24 j 02:48	4° ♄ 39'45	
asc. node	-394 Sep 09 j 07:47	0° ♄ 10'22			-391 Mar 17 j 12:24	0° ♄	
	-394 Sep 09 j 04:14	0° ♄			-391 Apr 12 j 21:14	0° ♄	
	-394 Oct 04 j 07:59	0° ♄			-391 May 11 j 14:07	0° ♄	
	-394 Oct 28 j 18:04	0° ♄		evening max el	-391 May 13 j 17:22	2° ♄ 03'10	45°17'44
	-394 Nov 21 j 19:54	0° ♄		desc. node	-391 Jun 15 j 16:51	27° ♄ 24'57	
	-394 Dec 15 j 19:07	0° ♄		greatest brilliancy	-391 Jun 18 j 11:21	28° ♄ 41'01	-4.5m
desc. node	-394 Dec 29 j 21:53	17° ♄ 40'05			-391 Jun 22 j 00:10	0° ♄	
	-393 Jan 08 j 18:38	0° ♄		retrograde	-391 Jul 01 j 06:23	1° ♄ 32'59	
morning set	-393 Jan 25 j 11:24	20° ♄ 50'43			-391 Jul 10 j 03:17	30° ♄	
	-393 Feb 01 j 19:45	0° ♄		evening set	-391 Jul 17 j 17:52	26° ♄ 25'52	
	-393 Feb 25 j 23:08	0° ♄		inferior conj	-391 Jul 22 j 13:47	23° ♄ 32'17	-7°-20'-9
				minimum elong	-391 Jul 22 j 04:26	23° ♄ 46'39	7°18'40
superior conj	-393 Mar 06 j 08:06	10° ♄ 22'21	-1°-22'-2	min. Earth dist.	-391 Jul 22 j 20:24	23° ♄ 22'05	0.28521 AU
minimum elong	-393 Mar 06 j 13:28	10° ♄ 38'57	1°21'59	morning rise	-391 Jul 26 j 14:44	21° ♄ 05'18	
max. Earth dist.	-393 Mar 09 j 18:28	14° ♄ 37'06	1.72780 AU	direct	-391 Aug 13 j 01:16	15° ♄ 21'23	
	-393 Mar 22 j 05:16	0° ♄		greatest brilliancy	-391 Aug 27 j 14:32	19° ♄ 05'54	-4.6m
evening rise	-393 Apr 13 j 10:34	27° ♄ 21'01			-391 Sep 13 j 03:34	0° ♄	
	-393 Apr 15 j 14:21	0° ♄		morning max el	-391 Oct 02 j 05:47	17° ♄ 28'38	46°35'39
asc. node	-393 Apr 22 j 00:34	7° ♄ 53'00		asc. node	-391 Oct 06 j 19:27	22° ♄ 08'17	
	-393 May 10 j 02:21	0° ♄			-391 Oct 14 j 05:45	0° ♄	
	-393 Jun 03 j 17:19	0° ♄			-391 Nov 09 j 17:51	0° ♄	
	-393 Jun 28 j 12:06	0° ♄			-391 Dec 04 j 20:10	0° ♄	
	-393 Jul 23 j 12:58	0° ♄			-391 Dec 29 j 09:42	0° ♄	
desc. node	-393 Aug 11 j 14:30	22° ♄ 31'15			-390 Jan 22 j 19:03	0° ♄	
	-393 Aug 18 j 00:08	0° ♄		desc. node	-390 Jan 26 j 09:41	4° ♄ 26'42	
	-393 Sep 13 j 06:19	0° ♄			-390 Feb 16 j 03:42	0° ♄	
evening max el	-393 Oct 09 j 21:32	28° ♄ 28'16	47°19'31		-390 Mar 12 j 12:54	0° ♄	
	-393 Oct 11 j 10:10	0° ♄			-390 Apr 05 j 22:58	0° ♄	
greatest brilliancy	-393 Nov 17 j 14:41	29° ♄ 05'50	-4.7m	morning set	-390 Apr 07 j 21:02	2° ♄ 21'24	
	-393 Nov 19 j 21:04	0° ♄			-390 Apr 30 j 09:37	0° ♄	
retrograde	-393 Nov 29 j 17:12	1° ♄ 51'46		max. Earth dist.	-390 May 13 j 22:21	16° ♄ 36'18	1.73672 AU
asc. node	-393 Dec 02 j 17:10	1° ♄ 40'35					
	-393 Dec 09 j 05:00	30° ♄		superior conj	-390 May 14 j 14:28	17° ♄ 25'47	0°-11'-36
evening set	-393 Dec 14 j 10:35	27° ♄ 31'36		minimum elong	-390 May 14 j 16:50	17° ♄ 33'01	0°11'30
min. Earth dist.	-393 Dec 19 j 12:40	24° ♄ 31'07	0.26682 AU	behind sun begin	-390 May 14 j 01:13	16° ♄ 45'06	
inferior conj	-393 Dec 20 j 08:50	23° ♄ 59'56	4°21'06	behind sun end	-390 May 15 j 08:26	18° ♄ 20'56	
minimum elong	-393 Dec 20 j 00:13	24° ♄ 13'16	4°18'41	asc. node	-390 May 19 j 12:31	23° ♄ 28'10	
morning rise	-393 Dec 25 j 14:20	20° ♄ 52'27			-390 May 24 j 20:09	0° ♄	

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	-390 Jun 18 j 05:52	0°☿		greatest brilliancy	-388 Nov 06 j 03:31	0°♄48'12	-4.7m
evening rise	-390 Jun 19 j 12:27	1°☿34'04			-388 Dec 12 j 13:18	0°♍	
	-390 Jul 12 j 14:42	0°♌		morning max el	-388 Dec 13 j 15:35	1°♍06'50	46°55'23
	-390 Aug 05 j 23:32	0°♍			-387 Jan 09 j 06:36	0°♎	
	-390 Aug 30 j 09:52	0°♎			-387 Feb 04 j 04:52	0°♏	
desc. node	-390 Sep 08 j 02:24	10°♎38'05		desc. node	-387 Feb 22 j 21:32	22°♏08'11	
	-390 Sep 23 j 23:27	0°♏			-387 Mar 01 j 11:48	0°♐	
	-390 Oct 18 j 18:52	0°♐			-387 Mar 26 j 11:58	0°♑	
	-390 Nov 13 j 02:14	0°♑			-387 Apr 20 j 08:27	0°♒	
	-390 Dec 09 j 15:12	0°♒			-387 May 15 j 02:02	0°♓	
evening max el	-390 Dec 20 j 15:47	11°♒36'52	47°02'51		-387 Jun 08 j 16:16	0°♈	
asc. node	-390 Dec 30 j 05:05	20°♒59'56		morning set	-387 Jun 14 j 09:42	7°♈00'57	
	-389 Jan 09 j 08:59	0°♈		asc. node	-387 Jun 16 j 00:23	8°♈59'32	
greatest brilliancy	-389 Jan 26 j 03:51	11°♈17'18	-4.6m		-387 Jul 03 j 02:22	0°♉	
retrograde	-389 Feb 09 j 09:38	14°♈59'46		max. Earth dist.	-387 Jul 16 j 18:25	16°♉53'28	1.72893 AU
evening set	-389 Feb 27 j 05:44	8°♈47'01					
min. Earth dist.	-389 Mar 02 j 03:50	6°♈57'03	0.28502 AU	superior conj	-387 Jul 20 j 16:42	21°♉45'25	1°09'54
inferior conj	-389 Mar 02 j 13:29	6°♈41'45	8°22'39	minimum elong	-387 Jul 20 j 08:29	21°♉19'59	1°09'41
minimum elong	-389 Mar 02 j 17:30	6°♈35'23	8°22'23		-387 Jul 27 j 08:13	0°♊	
morning rise	-389 Mar 06 j 05:32	4°♈24'30			-387 Aug 20 j 10:53	0°♋	
	-389 Mar 15 j 05:12	30°♋		evening rise	-387 Aug 26 j 06:47	7°♋16'01	
direct	-389 Mar 23 j 17:34	28°♋31'50			-387 Sep 13 j 12:05	0°♌	
	-389 Apr 01 j 15:01	0°♋		desc. node	-387 Oct 05 j 14:23	27°♌33'18	
greatest brilliancy	-389 Apr 04 j 04:34	0°♋54'46	-4.5m		-387 Oct 07 j 13:28	0°♍	
desc. node	-389 Apr 20 j 19:00	10°♋37'41			-387 Oct 31 j 16:14	0°♎	
morning max el	-389 May 11 j 15:56	28°♋37'21	45°48'24		-387 Nov 24 j 21:53	0°♏	
	-389 May 13 j 02:22	0°♐			-387 Dec 19 j 09:48	0°♐	
	-389 Jun 11 j 00:21	0°♑			-386 Jan 13 j 11:24	0°♑	
	-389 Jul 07 j 15:59	0°♒		asc. node	-386 Jan 26 j 16:54	15°♑20'22	
	-389 Aug 02 j 04:42	0°♓			-386 Feb 08 j 18:42	0°♒	
asc. node	-389 Aug 11 j 21:56	11°♓40'15		evening max el	-386 Mar 01 j 18:19	21°♒54'40	45°47'57
	-389 Aug 26 j 23:37	0°♈			-386 Mar 10 j 07:48	0°♓	
	-389 Sep 20 j 06:15	0°♉		greatest brilliancy	-386 Apr 05 j 02:17	18°♓42'47	-4.5m
	-389 Oct 14 j 05:27	0°♊		retrograde	-386 Apr 19 j 17:59	22°♓29'17	
morning set	-389 Nov 06 j 13:42	29°♓23'11		evening set	-386 May 05 j 02:21	17°♓57'24	
	-389 Nov 07 j 01:24	0°♋		inferior conj	-386 May 11 j 05:45	14°♓15'15	1°38'04
	-389 Nov 30 j 21:00	0°♌		minimum elong	-386 May 11 j 09:15	14°♓09'44	1°37'04
desc. node	-389 Dec 01 j 12:06	0°♌47'32		min. Earth dist.	-386 May 11 j 12:25	14°♓04'46	0.29017 AU
				morning rise	-386 May 17 j 16:01	10°♓22'37	
superior conj	-389 Dec 18 j 08:08	21°♓57'35	0°-38'-31	desc. node	-386 May 18 j 06:57	10°♓02'21	
minimum elong	-389 Dec 17 j 22:37	21°♓27'41	0°38'07	direct	-386 Jun 01 j 21:39	5°♓55'25	
max. Earth dist.	-389 Dec 21 j 18:21	26°♓15'44	1.71237 AU	greatest brilliancy	-386 Jun 15 j 14:27	9°♓10'35	-4.5m
	-389 Dec 24 j 17:49	0°♔			-386 Jul 14 j 14:09	0°♕	
	-388 Jan 17 j 16:45	0°♕		morning max el	-386 Jul 20 j 19:22	5°♕48'56	45°54'26
evening rise	-388 Jan 28 j 15:35	13°♕39'52			-386 Aug 13 j 06:28	0°♖	
	-388 Feb 10 j 18:53	0°♈		asc. node	-386 Sep 08 j 09:49	29°♖35'49	
	-388 Mar 06 j 01:42	0°♉			-386 Sep 08 j 18:05	0°♈	
asc. node	-388 Mar 23 j 14:45	21°♉28'24			-386 Oct 03 j 20:38	0°♉	
	-388 Mar 30 j 14:57	0°♊			-386 Oct 28 j 06:06	0°♊	
	-388 Apr 24 j 12:37	0°♋			-386 Nov 21 j 07:36	0°♋	
	-388 May 19 j 21:48	0°♌			-386 Dec 15 j 06:35	0°♌	
	-388 Jun 15 j 01:25	0°♍		desc. node	-386 Dec 28 j 23:51	17°♌10'44	
	-388 Jul 12 j 17:53	0°♎			-385 Jan 08 j 05:56	0°♍	
desc. node	-388 Jul 13 j 04:39	0°♎27'46		morning set	-385 Jan 22 j 22:09	18°♍19'36	
evening max el	-388 Jul 25 j 02:49	12°♎22'57	46°08'08		-385 Feb 01 j 06:54	0°♎	
	-388 Aug 14 j 06:35	0°♏			-385 Feb 25 j 10:10	0°♏	
greatest brilliancy	-388 Sep 02 j 02:51	11°♏01'15	-4.6m				
retrograde	-388 Sep 12 j 11:24	12°♏57'53		superior conj	-385 Mar 03 j 22:30	8°♏04'20	-1°-22'-55
evening set	-388 Sep 29 j 01:08	7°♏45'40		minimum elong	-385 Mar 04 j 03:08	8°♏18'42	1°22'53
inferior conj	-388 Oct 03 j 04:34	5°♏17'28	-6°-57'-50	max. Earth dist.	-385 Mar 07 j 08:45	12°♏18'53	1.72723 AU
minimum elong	-388 Oct 03 j 15:05	5°♏01'27	6°55'46		-385 Mar 21 j 16:13	0°♐	
min. Earth dist.	-388 Oct 03 j 22:31	4°♏50'09	0.26925 AU	evening rise	-385 Apr 11 j 03:22	25°♐11'38	
morning rise	-388 Oct 08 j 04:41	2°♏19'30			-385 Apr 15 j 01:19	0°♑	
	-388 Oct 12 j 19:54	30°♐		asc. node	-385 Apr 21 j 02:46	7°♑26'05	
direct	-388 Oct 23 j 20:56	27°♐32'14			-385 May 09 j 13:26	0°♒	
asc. node	-388 Nov 03 j 07:22	29°♐36'09			-385 Jun 03 j 04:42	0°♓	
	-388 Nov 04 j 07:30	0°♑			-385 Jun 28 j 00:04	0°♈	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-385 Jul 23 j 01:51	0° \mathbb{M}			-382 Mar 12 j 00:16	0° \mathbb{H}		
desc. node	-385 Aug 10 j 16:26	21° \mathbb{M} 56'15			-382 Apr 05 j 10:06	0° \mathbb{Y}		
	-385 Aug 17 j 14:30	0° $\underline{\mathbb{A}}$		morning set	-382 Apr 05 j 13:49	0° \mathbb{Y} 11'22		
	-385 Sep 12 j 23:29	0° \mathbb{M}			-382 Apr 29 j 20:38	0° \mathbb{B}		
evening max el	-385 Oct 07 j 10:48	26° \mathbb{M} 02'01	47°18'20					
	-385 Oct 11 j 10:47	0° \mathbb{A}		superior conj	-382 May 12 j 08:35	15° \mathbb{B} 20'21	0°-14'-43	
greatest brilliancy	-385 Nov 15 j 05:00	26° \mathbb{A} 37'55	-4.7m	minimum elong	-382 May 12 j 11:34	15° \mathbb{B} 29'30	0°14'35	
retrograde	-385 Nov 27 j 06:18	29° \mathbb{A} 22'46		behind sun begin	-382 May 12 j 02:46	15° \mathbb{B} 02'28		
asc. node	-385 Dec 01 j 19:13	28° \mathbb{A} 56'59		behind sun end	-382 May 12 j 20:23	15° \mathbb{B} 56'32		
evening set	-385 Dec 11 j 21:28	25° \mathbb{A} 05'12		max. Earth dist.	-382 May 11 j 21:40	14° \mathbb{B} 46'50	1.73667 AU	
min. Earth dist.	-385 Dec 17 j 02:18	22° \mathbb{A} 01'24	0.26635 AU	asc. node	-382 May 18 j 14:35	23° \mathbb{B} 00'47		
inferior conj	-385 Dec 17 j 21:31	21° \mathbb{A} 31'48	4°00'09		-382 May 24 j 07:08	0° \mathbb{H}		
minimum elong	-385 Dec 17 j 13:23	21° \mathbb{A} 44'20	3°57'49	evening rise	-382 Jun 17 j 07:40	29° \mathbb{H} 31'32		
morning rise	-385 Dec 23 j 05:46	18° \mathbb{A} 20'58			-382 Jun 17 j 16:55	0° \mathbb{B}		
direct	-384 Jan 07 j 04:54	13° \mathbb{A} 52'29			-382 Jul 12 j 01:57	0° \mathbb{Q}		
greatest brilliancy	-384 Jan 18 j 04:32	16° \mathbb{A} 07'34	-4.6m		-382 Aug 05 j 11:06	0° \mathbb{M}		
	-384 Feb 08 j 21:14	0° \mathbb{B}			-382 Aug 29 j 21:53	0° $\underline{\mathbb{A}}$		
morning max el	-384 Feb 25 j 23:23	15° \mathbb{B} 35'28	46°24'41	desc. node	-382 Sep 07 j 04:33	10° $\underline{\mathbb{A}}$ 07'13		
	-384 Mar 11 j 01:53	0° \approx			-382 Sep 23 j 12:09	0° \mathbb{M}		
desc. node	-384 Mar 22 j 09:23	12° \approx 09'18			-382 Oct 18 j 08:35	0° \mathbb{A}		
	-384 Apr 07 j 10:27	0° \mathbb{H}			-382 Nov 12 j 17:41	0° \mathbb{B}		
	-384 May 03 j 13:27	0° \mathbb{Y}			-382 Dec 09 j 10:31	0° \approx		
	-384 May 29 j 01:26	0° \mathbb{B}		evening max el	-382 Dec 18 j 07:47	9° \approx 18'48	47°04'58	
	-384 Jun 23 j 02:53	0° \mathbb{H}		asc. node	-382 Dec 29 j 07:05	20° \approx 01'48		
asc. node	-384 Jul 13 j 12:08	24° \mathbb{H} 45'11			-381 Jan 09 j 21:30	0° \mathbb{H}		
	-384 Jul 17 j 19:06	0° \mathbb{B}		greatest brilliancy	-381 Jan 23 j 22:04	9° \mathbb{H} 03'40	-4.6m	
	-384 Aug 11 j 03:06	0° \mathbb{Q}		retrograde	-381 Feb 07 j 01:43	12° \mathbb{H} 43'19		
morning set	-384 Aug 21 j 22:03	13° \mathbb{Q} 24'50		evening set	-381 Feb 24 j 22:31	6° \mathbb{H} 29'29		
	-384 Sep 04 j 04:44	0° \mathbb{M}		inferior conj	-381 Feb 28 j 05:05	4° \mathbb{H} 25'49	8°27'06	
max. Earth dist.	-384 Sep 27 j 01:02	28° \mathbb{M} 39'41	1.71355 AU	minimum elong	-381 Feb 28 j 08:24	4° \mathbb{H} 20'33	8°26'56	
	-384 Sep 28 j 02:36	0° $\underline{\mathbb{A}}$		min. Earth dist.	-381 Feb 27 j 18:13	4° \mathbb{H} 43'05	0.28450 AU	
				morning rise	-381 Mar 03 j 18:35	2° \mathbb{H} 12'19		
superior conj	-384 Sep 28 j 22:33	1° $\underline{\mathbb{A}}$ 02'42	1°09'20		-381 Mar 07 j 16:07	30° \mathbb{R} \approx		
minimum elong	-384 Sep 29 j 08:28	1° $\underline{\mathbb{A}}$ 33'51	1°09'03	direct	-381 Mar 21 j 08:56	26° \approx 17'04		
	-384 Oct 21 j 23:07	0° \mathbb{M}		greatest brilliancy	-381 Apr 01 j 16:21	28° \approx 36'40	-4.5m	
desc. node	-384 Nov 02 j 02:23	14° \mathbb{M} 00'11			-381 Apr 04 j 21:08	0° \mathbb{H}		
evening rise	-384 Nov 08 j 16:38	22° \mathbb{M} 17'23		desc. node	-381 Apr 19 j 21:12	9° \mathbb{H} 29'42		
	-384 Nov 14 j 19:58	0° \mathbb{A}		morning max el	-381 May 09 j 07:00	26° \mathbb{H} 23'55	45°48'54	
	-384 Dec 08 j 18:18	0° \mathbb{B}			-381 May 13 j 00:18	0° \mathbb{Y}		
	-383 Jan 01 j 19:31	0° \approx			-381 Jun 10 j 16:04	0° \mathbb{B}		
	-383 Jan 26 j 02:06	0° \mathbb{H}			-381 Jul 07 j 05:25	0° \mathbb{H}		
	-383 Feb 19 j 18:07	0° \mathbb{Y}			-381 Aug 01 j 17:02	0° \mathbb{B}		
asc. node	-383 Feb 23 j 04:50	4° \mathbb{Y} 08'16		asc. node	-381 Aug 11 j 00:01	11° \mathbb{B} 10'08		
	-383 Mar 17 j 01:51	0° \mathbb{B}			-381 Aug 26 j 11:23	0° \mathbb{Q}		
	-383 Apr 12 j 12:59	0° \mathbb{H}			-381 Sep 19 j 17:43	0° \mathbb{M}		
evening max el	-383 May 11 j 09:40	29° \mathbb{H} 53'10	45°17'27		-381 Oct 13 j 16:46	0° $\underline{\mathbb{A}}$		
	-383 May 11 j 12:32	0° \mathbb{B}		morning set	-381 Nov 04 j 00:54	26° $\underline{\mathbb{A}}$ 51'41		
desc. node	-383 Jun 14 j 18:52	25° \mathbb{B} 53'50			-381 Nov 06 j 12:41	0° \mathbb{M}		
greatest brilliancy	-383 Jun 15 j 23:38	26° \mathbb{B} 25'29	-4.5m		-381 Nov 30 j 08:18	0° \mathbb{A}		
retrograde	-383 Jun 28 j 21:44	29° \mathbb{B} 20'01		desc. node	-381 Nov 30 j 14:07	0° \mathbb{A} 18'17		
evening set	-383 Jul 15 j 05:46	24° \mathbb{B} 17'24						
inferior conj	-383 Jul 20 j 05:02	21° \mathbb{B} 18'40	-7°-8'-25	superior conj	-381 Dec 15 j 17:28	19° \mathbb{A} 20'41	0°-34'-53	
minimum elong	-383 Jul 19 j 19:26	21° \mathbb{B} 33'27	7°06'48	minimum elong	-381 Dec 15 j 08:40	18° \mathbb{A} 53'02	0°34'31	
min. Earth dist.	-383 Jul 20 j 10:46	21° \mathbb{B} 09'49	0.28555 AU	max. Earth dist.	-381 Dec 19 j 01:11	23° \mathbb{A} 31'03	1.71204 AU	
morning rise	-383 Jul 24 j 08:52	18° \mathbb{B} 47'23			-381 Dec 24 j 05:06	0° \mathbb{B}		
direct	-383 Aug 10 j 17:40	13° \mathbb{B} 07'26			-380 Jan 17 j 04:02	0° \approx		
greatest brilliancy	-383 Aug 25 j 05:31	16° \mathbb{B} 50'40	-4.6m	evening rise	-380 Jan 26 j 02:43	11° \approx 09'52		
	-383 Sep 13 j 13:07	0° \mathbb{Q}			-380 Feb 10 j 06:09	0° \mathbb{H}		
morning max el	-383 Sep 29 j 21:04	15° \mathbb{Q} 10'47	46°34'05		-380 Mar 05 j 13:04	0° \mathbb{Y}		
asc. node	-383 Oct 05 j 21:41	21° \mathbb{Q} 20'46		asc. node	-380 Mar 22 j 16:55	20° \mathbb{Y} 59'53		
	-383 Oct 14 j 00:22	0° \mathbb{M}			-380 Mar 30 j 02:35	0° \mathbb{B}		
	-383 Nov 09 j 08:54	0° $\underline{\mathbb{A}}$			-380 Apr 24 j 00:47	0° \mathbb{H}		
	-383 Dec 04 j 09:40	0° \mathbb{M}			-380 May 19 j 11:00	0° \mathbb{B}		
	-383 Dec 28 j 22:21	0° \mathbb{A}			-380 Jun 14 j 16:37	0° \mathbb{Q}		
	-382 Jan 22 j 07:08	0° \mathbb{B}		desc. node	-380 Jul 12 j 06:40	29° \mathbb{Q} 41'40		
desc. node	-382 Jan 25 j 11:44	3° \mathbb{B} 56'02			-380 Jul 12 j 13:51	0° \mathbb{M}		
	-382 Feb 15 j 15:22	0° \approx		evening max el	-380 Jul 22 j 15:14	9° \mathbb{M} 59'46	46°05'27	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-380 Aug 15 j 01:19	0°♄			-377 Feb 24 j 21:06	0°♁	
greatest brilliancy	-380 Aug 30 j 15:55	8°♄37'07	-4.6m				
retrograde	-380 Sep 09 j 23:01	10°♄32'50		superior conj	-377 Mar 01 j 12:52	5°♁46'26	-1°-23'-39
evening set	-380 Sep 26 j 17:03	5°♄15'46		minimum elong	-377 Mar 01 j 16:45	5°♁58'28	1°23'39
inferior conj	-380 Sep 30 j 17:22	2°♄52'08	-7°-11'-52	max. Earth dist.	-377 Mar 04 j 22:48	10°♁00'09	1.72673 AU
minimum elong	-380 Oct 01 j 03:40	2°♄36'27	7°09'57		-377 Mar 21 j 03:06	0°♁	
min. Earth dist.	-380 Oct 01 j 12:10	2°♄23'32	0.26983 AU	evening rise	-377 Apr 08 j 20:03	23°♁02'01	
morning rise	-380 Oct 05 j 13:52	29°♁58'58			-377 Apr 14 j 12:12	0°♁	
	-380 Oct 05 j 13:08	30°♁		asc. node	-377 Apr 20 j 04:46	6°♁58'46	
direct	-380 Oct 21 j 09:48	25°♁05'45			-377 May 09 j 00:28	0°♁	
asc. node	-380 Nov 02 j 09:23	27°♁46'27			-377 Jun 02 j 16:03	0°♁	
greatest brilliancy	-380 Nov 03 j 19:21	28°♁24'20	-4.7m		-377 Jun 27 j 11:58	0°♁	
	-380 Nov 06 j 22:31	0°♄			-377 Jul 22 j 14:40	0°♁	
morning max el	-380 Dec 11 j 04:11	28°♄37'55	46°55'36	desc. node	-377 Aug 09 j 18:36	21°♁22'11	
	-380 Dec 12 j 12:13	0°♁			-377 Aug 17 j 04:53	0°♄	
	-379 Jan 08 j 23:14	0°♁			-377 Sep 12 j 16:52	0°♁	
	-379 Feb 03 j 19:05	0°♁		evening max el	-377 Oct 05 j 01:06	23°♁39'01	47°17'00
desc. node	-379 Feb 21 j 23:39	21°♁35'11			-377 Oct 11 j 12:27	0°♁	
	-379 Mar 01 j 00:43	0°♁		greatest brilliancy	-377 Nov 12 j 18:53	24°♁10'05	-4.7m
	-379 Mar 26 j 00:03	0°♁		retrograde	-377 Nov 24 j 19:50	26°♁54'18	
	-379 Apr 19 j 20:00	0°♁		asc. node	-377 Nov 30 j 21:14	26°♁08'11	
	-379 May 14 j 13:14	0°♁		evening set	-377 Dec 09 j 08:38	22°♁39'11	
	-379 Jun 08 j 03:15	0°♁		min. Earth dist.	-377 Dec 14 j 15:41	19°♁32'34	0.26588 AU
morning set	-379 Jun 12 j 03:57	4°♁56'10		inferior conj	-377 Dec 15 j 10:10	19°♁04'10	3°38'37
asc. node	-379 Jun 15 j 02:21	8°♁32'01		minimum elong	-377 Dec 15 j 02:36	19°♁15'48	3°36'24
	-379 Jul 02 j 13:16	0°♁		morning rise	-377 Dec 20 j 21:05	15°♁50'19	
max. Earth dist.	-379 Jul 14 j 13:53	14°♁51'27	1.72946 AU	direct	-376 Jan 04 j 17:41	11°♁25'33	
				greatest brilliancy	-376 Jan 15 j 17:58	13°♁42'07	-4.6m
superior conj	-379 Jul 18 j 10:40	19°♁38'36	1°08'04		-376 Feb 09 j 06:32	0°♁	
minimum elong	-379 Jul 18 j 02:15	19°♁12'31	1°07'50	morning max el	-376 Feb 23 j 13:55	13°♁16'30	46°26'13
	-379 Jul 26 j 19:09	0°♁			-376 Mar 10 j 20:25	0°♁	
	-379 Aug 19 j 21:56	0°♁		desc. node	-376 Mar 21 j 11:34	11°♁30'07	
evening rise	-379 Aug 23 j 22:37	5°♁01'10			-376 Apr 07 j 01:04	0°♁	
	-379 Sep 12 j 23:21	0°♄			-376 May 03 j 02:18	0°♁	
desc. node	-379 Oct 04 j 16:33	27°♄04'17			-376 May 28 j 13:19	0°♁	
	-379 Oct 07 j 00:58	0°♁			-376 Jun 22 j 14:13	0°♁	
	-379 Oct 31 j 04:01	0°♁		asc. node	-376 Jul 12 j 14:16	24°♁17'54	
	-379 Nov 24 j 10:02	0°♁			-376 Jul 17 j 06:07	0°♁	
	-379 Dec 18 j 22:36	0°♁			-376 Aug 10 j 13:58	0°♁	
	-378 Jan 13 j 01:26	0°♁		morning set	-376 Aug 19 j 13:54	11°♁11'00	
asc. node	-378 Jan 25 j 18:57	14°♁43'11			-376 Sep 03 j 15:35	0°♁	
	-378 Feb 08 j 11:32	0°♁		max. Earth dist.	-376 Sep 24 j 10:40	26°♁04'55	1.71396 AU
evening max el	-378 Feb 27 j 08:57	19°♁39'16	45°50'14				
	-378 Mar 10 j 10:34	0°♁		superior conj	-376 Sep 26 j 11:43	28°♁38'57	1°11'23
greatest brilliancy	-378 Apr 02 j 17:29	16°♁32'19	-4.5m	minimum elong	-376 Sep 26 j 21:12	29°♁08'46	1°11'07
retrograde	-378 Apr 17 j 10:43	20°♁21'21			-376 Sep 27 j 13:31	0°♄	
evening set	-378 May 02 j 20:29	15°♁46'43			-376 Oct 21 j 10:08	0°♁	
inferior conj	-378 May 08 j 22:24	12°♁06'49	1°57'09	desc. node	-376 Nov 01 j 04:22	13°♁31'35	
minimum elong	-378 May 09 j 02:34	12°♁00'16	1°55'58	evening rise	-376 Nov 06 j 02:34	19°♁42'59	
min. Earth dist.	-378 May 09 j 05:16	11°♁56'02	0.29021 AU		-376 Nov 14 j 07:06	0°♁	
morning rise	-378 May 15 j 08:29	8°♁14'31			-376 Dec 08 j 05:33	0°♁	
desc. node	-378 May 17 j 08:55	7°♁10'55			-375 Jan 01 j 06:54	0°♁	
direct	-378 May 30 j 13:46	3°♁46'43			-375 Jan 25 j 13:44	0°♁	
greatest brilliancy	-378 Jun 13 j 06:58	7°♁02'17	-4.5m		-375 Feb 19 j 06:14	0°♁	
	-378 Jul 14 j 14:45	0°♁		asc. node	-375 Feb 22 j 07:02	3°♁38'18	
morning max el	-378 Jul 18 j 11:35	3°♁39'07	45°53'31		-375 Mar 16 j 15:01	0°♁	
	-378 Aug 12 j 22:45	0°♁			-375 Apr 12 j 04:35	0°♁	
asc. node	-378 Sep 07 j 11:58	29°♁02'00		evening max el	-375 May 09 j 01:59	27°♁44'09	45°17'03
	-378 Sep 08 j 07:46	0°♁			-375 May 11 j 11:29	0°♁	
	-378 Oct 03 j 09:11	0°♁		greatest brilliancy	-375 Jun 13 j 13:18	24°♁12'35	-4.5m
	-378 Oct 27 j 18:04	0°♄		desc. node	-375 Jun 13 j 20:56	24°♁20'38	
	-378 Nov 20 j 19:13	0°♁		retrograde	-375 Jun 26 j 12:48	27°♁08'14	
	-378 Dec 14 j 17:57	0°♁		evening set	-375 Jul 12 j 17:56	22°♁10'17	
desc. node	-378 Dec 28 j 01:55	16°♁41'59		inferior conj	-375 Jul 17 j 20:27	19°♁06'29	-6°-56'00
	-377 Jan 07 j 17:06	0°♁		minimum elong	-375 Jul 17 j 10:39	19°♁21'37	6°54'17
morning set	-377 Jan 20 j 09:07	15°♁49'25		min. Earth dist.	-375 Jul 18 j 01:37	18°♁58'31	0.28586 AU
	-377 Jan 31 j 17:56	0°♁		morning rise	-375 Jul 22 j 03:09	16°♁30'44	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-375 Aug 08 j 09:54	10° \mathfrak{G} 55'01		-372 Feb 09 j 17:07	0° \mathfrak{H}	
greatest brilliancy	-375 Aug 22 j 20:05	14° \mathfrak{G} 36'02	-4.6m	-372 Mar 05 j 00:09	0° \mathfrak{Y}	
	-375 Sep 13 j 19:37	0° \mathfrak{Q}		asc. node	-372 Mar 21 j 18:57	20° \mathfrak{Y} 31'51
morning max el	-375 Sep 27 j 11:26	12° \mathfrak{Q} 51'50	46°32'31		-372 Mar 29 j 13:56	0° \mathfrak{B}
asc. node	-375 Oct 04 j 23:44	20° \mathfrak{Q} 34'34			-372 Apr 23 j 12:40	0° \mathfrak{II}
	-375 Oct 13 j 18:09	0° \mathfrak{M}			-372 May 18 j 23:54	0° \mathfrak{G}
	-375 Nov 08 j 23:22	0° \mathfrak{A}			-372 Jun 14 j 07:36	0° \mathfrak{Q}
	-375 Dec 03 j 22:42	0° \mathfrak{M}		desc. node	-372 Jul 11 j 08:48	28° \mathfrak{Q} 56'17
	-375 Dec 28 j 10:35	0° \mathfrak{X}			-372 Jul 12 j 10:00	0° \mathfrak{M}
	-374 Jan 21 j 18:51	0° \mathfrak{Z}		evening max el	-372 Jul 20 j 03:08	7° \mathfrak{M} 36'32 46°02'44
desc. node	-374 Jan 24 j 13:51	3° \mathfrak{Z} 26'37			-372 Aug 16 j 02:03	0° \mathfrak{A}
	-374 Feb 15 j 02:42	0° \mathfrak{A}		greatest brilliancy	-372 Aug 28 j 04:03	6° \mathfrak{A} 12'55 -4.6m
	-374 Mar 11 j 11:15	0° \mathfrak{H}		retrograde	-372 Sep 07 j 10:55	8° \mathfrak{A} 08'47
morning set	-374 Apr 03 j 06:47	28° \mathfrak{H} 03'08		evening set	-372 Sep 24 j 08:48	2° \mathfrak{A} 46'31
	-374 Apr 04 j 20:51	0° \mathfrak{Y}		inferior conj	-372 Sep 28 j 06:06	0° \mathfrak{A} 27'27 -7°-24'-56
	-374 Apr 29 j 07:13	0° \mathfrak{B}		minimum elong	-372 Sep 28 j 16:06	0° \mathfrak{A} 12'15 7°23'12
				min. Earth dist.	-372 Sep 29 j 01:35	29° \mathfrak{M} 57'49 0.27046 AU
superior conj	-374 May 10 j 02:57	13° \mathfrak{B} 16'55	0°-17'-47		-372 Sep 29 j 00:09	30° \mathfrak{R} \mathfrak{M}
minimum elong	-374 May 10 j 06:32	13° \mathfrak{B} 27'55	0°17'38	morning rise	-372 Oct 02 j 22:57	27° \mathfrak{M} 39'28
max. Earth dist.	-374 May 09 j 20:26	12° \mathfrak{B} 56'54	1.73660 AU	direct	-372 Oct 18 j 22:48	22° \mathfrak{M} 39'45
asc. node	-374 May 17 j 16:37	22° \mathfrak{B} 34'31		asc. node	-372 Nov 01 j 11:24	26° \mathfrak{M} 01'32
	-374 May 23 j 17:43	0° \mathfrak{II}		greatest brilliancy	-372 Nov 01 j 11:55	26° \mathfrak{M} 02'08 -4.7m
evening rise	-374 Jun 15 j 03:02	27° \mathfrak{II} 30'37			-372 Nov 08 j 13:42	0° \mathfrak{A}
	-374 Jun 17 j 03:37	0° \mathfrak{G}		morning max el	-372 Dec 08 j 17:30	26° \mathfrak{A} 11'28 46°55'52
	-374 Jul 11 j 12:51	0° \mathfrak{Q}			-372 Dec 12 j 09:59	0° \mathfrak{M}
	-374 Aug 04 j 22:20	0° \mathfrak{M}			-371 Jan 08 j 15:20	0° \mathfrak{X}
	-374 Aug 29 j 09:36	0° \mathfrak{A}			-371 Feb 03 j 08:52	0° \mathfrak{Z}
desc. node	-374 Sep 06 j 06:39	9° \mathfrak{A} 37'16		desc. node	-371 Feb 21 j 01:47	21° \mathfrak{Z} 03'16
	-374 Sep 23 j 00:32	0° \mathfrak{M}			-371 Feb 28 j 13:15	0° \mathfrak{A}
	-374 Oct 17 j 22:00	0° \mathfrak{X}			-371 Mar 25 j 11:50	0° \mathfrak{H}
	-374 Nov 12 j 08:54	0° \mathfrak{Z}			-371 Apr 19 j 07:16	0° \mathfrak{Y}
	-374 Dec 09 j 05:56	0° \mathfrak{A}			-371 May 14 j 00:10	0° \mathfrak{B}
evening max el	-374 Dec 15 j 22:45	6° \mathfrak{A} 59'04	47°06'53		-371 Jun 07 j 13:59	0° \mathfrak{II}
asc. node	-374 Dec 28 j 09:14	19° \mathfrak{A} 03'47		morning set	-371 Jun 09 j 22:26	2° \mathfrak{II} 52'53
	-373 Jan 10 j 13:39	0° \mathfrak{H}		asc. node	-371 Jun 14 j 04:33	8° \mathfrak{II} 05'59
greatest brilliancy	-373 Jan 21 j 16:42	6° \mathfrak{H} 51'12	-4.6m		-371 Jul 01 j 23:54	0° \mathfrak{G}
retrograde	-373 Feb 04 j 17:18	10° \mathfrak{H} 27'34		max. Earth dist.	-371 Jul 12 j 11:38	12° \mathfrak{G} 57'16 1.72994 AU
evening set	-373 Feb 22 j 14:55	4° \mathfrak{H} 13'18				
inferior conj	-373 Feb 25 j 20:40	2° \mathfrak{H} 10'47	8°30'42	superior conj	-371 Jul 16 j 04:53	17° \mathfrak{G} 33'27 1°06'08
minimum elong	-373 Feb 25 j 23:14	2° \mathfrak{H} 06'42	8°30'37	minimum elong	-371 Jul 15 j 20:19	17° \mathfrak{G} 06'56 1°05'54
min. Earth dist.	-373 Feb 25 j 08:55	2° \mathfrak{H} 29'27	0.28397 AU		-371 Jul 26 j 05:49	0° \mathfrak{Q}
morning rise	-373 Mar 01 j 07:49	0° \mathfrak{H} 00'39			-371 Aug 19 j 08:45	0° \mathfrak{M}
	-373 Mar 01 j 08:14	30° \mathfrak{R} \mathfrak{A}		evening rise	-371 Aug 21 j 14:48	2° \mathfrak{M} 48'19
direct	-373 Mar 18 j 23:45	24° \mathfrak{A} 03'07			-371 Sep 12 j 10:23	0° \mathfrak{A}
greatest brilliancy	-373 Mar 30 j 05:02	26° \mathfrak{A} 20'22	-4.5m	desc. node	-371 Oct 03 j 18:32	26° \mathfrak{A} 35'17
	-373 Apr 06 j 17:42	0° \mathfrak{H}			-371 Oct 06 j 12:18	0° \mathfrak{M}
desc. node	-373 Apr 18 j 23:06	8° \mathfrak{H} 24'05			-371 Oct 30 j 15:40	0° \mathfrak{X}
morning max el	-373 May 06 j 21:09	24° \mathfrak{H} 09'18	45°49'38		-371 Nov 23 j 22:07	0° \mathfrak{Z}
	-373 May 12 j 20:57	0° \mathfrak{Y}			-371 Dec 18 j 11:21	0° \mathfrak{A}
	-373 Jun 10 j 07:05	0° \mathfrak{B}			-370 Jan 12 j 15:27	0° \mathfrak{H}
	-373 Jul 06 j 18:20	0° \mathfrak{II}		asc. node	-370 Jan 24 j 21:07	14° \mathfrak{H} 06'27
	-373 Aug 01 j 04:57	0° \mathfrak{G}			-370 Feb 08 j 04:34	0° \mathfrak{Y}
asc. node	-373 Aug 10 j 02:10	10° \mathfrak{G} 41'25		evening max el	-370 Feb 25 j 00:03	17° \mathfrak{Y} 25'23 45°52'39
	-373 Aug 25 j 22:47	0° \mathfrak{Q}			-370 Mar 10 j 14:52	0° \mathfrak{B}
	-373 Sep 19 j 04:51	0° \mathfrak{M}		greatest brilliancy	-370 Mar 31 j 08:43	14° \mathfrak{B} 22'10 -4.5m
	-373 Oct 13 j 03:47	0° \mathfrak{A}		retrograde	-370 Apr 15 j 03:51	18° \mathfrak{B} 13'26
morning set	-373 Nov 01 j 12:05	24° \mathfrak{A} 21'04		evening set	-370 Apr 30 j 14:40	13° \mathfrak{B} 35'56
	-373 Nov 05 j 23:40	0° \mathfrak{M}		inferior conj	-370 May 06 j 14:55	9° \mathfrak{B} 58'16 2°16'06
desc. node	-373 Nov 29 j 16:10	29° \mathfrak{M} 50'19		minimum elong	-370 May 06 j 19:43	9° \mathfrak{B} 50'44 2°14'45
	-373 Nov 29 j 19:15	0° \mathfrak{X}		min. Earth dist.	-370 May 06 j 21:40	9° \mathfrak{B} 47'41 0.29024 AU
				morning rise	-370 May 13 j 00:41	6° \mathfrak{B} 06'42
superior conj	-373 Dec 13 j 02:42	16° \mathfrak{X} 44'34	0°-31'-10	desc. node	-370 May 16 j 11:03	4° \mathfrak{B} 22'38
minimum elong	-373 Dec 12 j 18:41	16° \mathfrak{X} 19'24	0°30'49	direct	-370 May 28 j 06:11	1° \mathfrak{B} 38'00
max. Earth dist.	-373 Dec 16 j 05:29	20° \mathfrak{X} 39'29	1.71172 AU	greatest brilliancy	-370 Jun 10 j 23:00	4° \mathfrak{B} 53'41 -4.5m
	-373 Dec 23 j 16:03	0° \mathfrak{Z}			-370 Jul 14 j 14:04	0° \mathfrak{II}
	-372 Jan 16 j 14:57	0° \mathfrak{A}		morning max el	-370 Jul 16 j 04:26	1° \mathfrak{II} 31'22 45°52'46
evening rise	-372 Jan 23 j 13:42	8° \mathfrak{A} 40'21			-370 Aug 12 j 14:35	0° \mathfrak{G}

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-370 Sep 06 j 14:01	28° $\overline{\text{C}}$ 28'33		evening max el	-367 May 06 j 17:23	25° $\overline{\text{II}}$ 32'05	45°16'47
	-370 Sep 07 j 21:11	0° Ω			-367 May 11 j 11:52	0° $\overline{\text{C}}$	
	-370 Oct 02 j 21:31	0° $\overline{\text{M}}$		greatest brilliancy	-367 Jun 11 j 03:18	21° $\overline{\text{C}}$ 59'11	-4.5m
	-370 Oct 27 j 05:53	0° $\underline{\text{A}}$		desc. node	-367 Jun 12 j 23:05	22° $\overline{\text{C}}$ 43'14	
	-370 Nov 20 j 06:45	0° $\overline{\text{M}}$		retrograde	-367 Jun 24 j 03:21	24° $\overline{\text{C}}$ 55'39	
	-370 Dec 14 j 05:17	0° $\overline{\text{A}}$		evening set	-367 Jul 10 j 06:06	20° $\overline{\text{C}}$ 02'07	
desc. node	-370 Dec 27 j 04:07	16° $\overline{\text{A}}$ 13'37		inferior conj	-367 Jul 15 j 11:48	16° $\overline{\text{C}}$ 53'34	-6°-43'-4
	-369 Jan 07 j 04:16	0° $\overline{\text{C}}$		minimum elong	-367 Jul 15 j 01:51	17° $\overline{\text{C}}$ 08'58	6°41'13
morning set	-369 Jan 17 j 19:32	13° $\overline{\text{C}}$ 17'26		min. Earth dist.	-367 Jul 15 j 16:46	16° $\overline{\text{C}}$ 45'51	0.28616 AU
	-369 Jan 31 j 04:57	0° \approx		morning rise	-367 Jul 19 j 21:21	14° $\overline{\text{C}}$ 13'16	
	-369 Feb 24 j 08:01	0° $\overline{\text{K}}$		direct	-367 Aug 06 j 01:32	8° $\overline{\text{C}}$ 41'38	
				greatest brilliancy	-367 Aug 20 j 10:49	12° $\overline{\text{C}}$ 20'44	-4.6m
superior conj	-369 Feb 27 j 02:41	3° $\overline{\text{K}}$ 26'43	-1°-24'-16		-367 Sep 14 j 00:26	0° Ω	
minimum elong	-369 Feb 27 j 05:46	3° $\overline{\text{K}}$ 36'18	1°24'17	morning max el	-367 Sep 25 j 01:06	10° Ω 30'25	46°31'11
max. Earth dist.	-369 Mar 02 j 14:05	7° $\overline{\text{K}}$ 45'11	1.72620 AU	asc. node	-367 Oct 04 j 01:44	19° Ω 48'15	
	-369 Mar 20 j 13:57	0° $\overline{\text{Y}}$			-367 Oct 13 j 11:46	0° $\overline{\text{M}}$	
evening rise	-369 Apr 06 j 12:26	20° $\overline{\text{Y}}$ 51'35			-367 Nov 08 j 13:52	0° $\underline{\text{A}}$	
	-369 Apr 13 j 23:05	0° $\overline{\text{C}}$			-367 Dec 03 j 11:47	0° $\overline{\text{M}}$	
asc. node	-369 Apr 19 j 06:49	6° $\overline{\text{C}}$ 31'35			-367 Dec 27 j 22:54	0° $\overline{\text{A}}$	
	-369 May 08 j 11:30	0° $\overline{\text{II}}$			-366 Jan 21 j 06:41	0° $\overline{\text{C}}$	
	-369 Jun 02 j 03:25	0° $\overline{\text{C}}$		desc. node	-366 Jan 23 j 15:55	2° $\overline{\text{C}}$ 56'38	
	-369 Jun 26 j 23:54	0° Ω			-366 Feb 14 j 14:11	0° \approx	
	-369 Jul 22 j 03:32	0° $\overline{\text{M}}$			-366 Mar 10 j 22:28	0° $\overline{\text{K}}$	
desc. node	-369 Aug 08 j 20:43	20° $\overline{\text{M}}$ 48'00		morning set	-366 Mar 31 j 23:21	25° $\overline{\text{K}}$ 52'42	
	-369 Aug 16 j 19:20	0° $\underline{\text{A}}$			-366 Apr 04 j 07:52	0° $\overline{\text{Y}}$	
	-369 Sep 12 j 10:29	0° $\overline{\text{M}}$			-366 Apr 28 j 18:07	0° $\overline{\text{C}}$	
evening max el	-369 Oct 02 j 15:54	21° $\overline{\text{M}}$ 17'39	47°15'29				
	-369 Oct 11 j 15:26	0° $\overline{\text{A}}$		superior conj	-366 May 07 j 20:57	11° $\overline{\text{C}}$ 11'27	0°-20'-52
greatest brilliancy	-369 Nov 10 j 08:50	21° $\overline{\text{A}}$ 42'24	-4.7m	minimum elong	-366 May 08 j 01:08	11° $\overline{\text{C}}$ 24'17	0°20'41
retrograde	-369 Nov 22 j 09:17	24° $\overline{\text{A}}$ 25'14		max. Earth dist.	-366 May 07 j 17:04	10° $\overline{\text{C}}$ 59'32	1.73650 AU
asc. node	-369 Nov 29 j 23:25	23° $\overline{\text{A}}$ 12'55		asc. node	-366 May 16 j 18:47	22° $\overline{\text{C}}$ 07'44	
evening set	-369 Dec 06 j 19:58	20° $\overline{\text{A}}$ 12'32			-366 May 23 j 04:36	0° $\overline{\text{II}}$	
min. Earth dist.	-369 Dec 12 j 04:54	17° $\overline{\text{A}}$ 03'11	0.26547 AU	evening rise	-366 Jun 12 j 22:04	25° $\overline{\text{II}}$ 27'51	
inferior conj	-369 Dec 12 j 22:42	16° $\overline{\text{A}}$ 35'53	3°16'31		-366 Jun 16 j 14:36	0° $\overline{\text{C}}$	
minimum elong	-369 Dec 12 j 15:46	16° $\overline{\text{A}}$ 46'32	3°14'26		-366 Jul 11 j 00:04	0° Ω	
morning rise	-369 Dec 18 j 12:09	13° $\overline{\text{A}}$ 19'02			-366 Aug 04 j 09:53	0° $\overline{\text{M}}$	
direct	-368 Jan 02 j 06:37	8° $\overline{\text{A}}$ 58'07			-366 Aug 28 j 21:40	0° $\underline{\text{A}}$	
greatest brilliancy	-368 Jan 13 j 06:52	11° $\overline{\text{A}}$ 15'13	-4.6m	desc. node	-366 Sep 05 j 08:37	9° $\underline{\text{A}}$ 05'49	
	-368 Feb 09 j 13:33	0° $\overline{\text{C}}$			-366 Sep 22 j 13:19	0° $\overline{\text{M}}$	
morning max el	-368 Feb 21 j 04:02	10° $\overline{\text{C}}$ 55'49	46°27'37		-366 Oct 17 j 11:50	0° $\overline{\text{A}}$	
	-368 Mar 10 j 14:42	0° \approx			-366 Nov 12 j 00:35	0° $\overline{\text{C}}$	
desc. node	-368 Mar 20 j 13:32	10° \approx 50'10			-366 Dec 09 j 02:07	0° \approx	
	-368 Apr 06 j 15:41	0° $\overline{\text{K}}$		evening max el	-366 Dec 13 j 12:51	4° \approx 36'31	47°08'52
	-368 May 02 j 15:11	0° $\overline{\text{Y}}$		asc. node	-366 Dec 27 j 11:20	18° \approx 03'56	
	-368 May 28 j 01:16	0° $\overline{\text{C}}$			-365 Jan 11 j 11:40	0° $\overline{\text{K}}$	
	-368 Jun 22 j 01:37	0° $\overline{\text{II}}$		greatest brilliancy	-365 Jan 19 j 10:39	4° $\overline{\text{K}}$ 37'21	-4.6m
asc. node	-368 Jul 11 j 16:22	23° $\overline{\text{II}}$ 50'14		retrograde	-365 Feb 02 j 08:44	8° $\overline{\text{K}}$ 11'38	
	-368 Jul 16 j 17:13	0° $\overline{\text{C}}$		evening set	-365 Feb 20 j 07:06	1° $\overline{\text{K}}$ 57'12	
	-368 Aug 10 j 00:57	0° Ω		min. Earth dist.	-365 Feb 22 j 23:53	0° $\overline{\text{K}}$ 15'19	0.28347 AU
morning set	-368 Aug 17 j 05:55	8° Ω 57'24			-365 Feb 23 j 09:30	30° $\overline{\text{R}}$ \approx	
	-368 Sep 03 j 02:33	0° $\overline{\text{M}}$		inferior conj	-365 Feb 23 j 12:22	29° \approx 55'26	8°33'34
max. Earth dist.	-368 Sep 21 j 18:35	23° $\overline{\text{M}}$ 24'35	1.71434 AU	minimum elong	-365 Feb 23 j 14:10	29° \approx 52'35	8°33'31
				morning rise	-365 Feb 26 j 21:28	27° \approx 48'19	
superior conj	-368 Sep 24 j 01:22	26° $\overline{\text{M}}$ 16'35	1°13'15	direct	-365 Mar 16 j 14:20	21° \approx 48'36	
minimum elong	-368 Sep 24 j 10:23	26° $\overline{\text{M}}$ 44'54	1°13'02	greatest brilliancy	-365 Mar 27 j 18:54	24° \approx 04'44	-4.5m
	-368 Sep 27 j 00:30	0° $\underline{\text{A}}$			-365 Apr 08 j 00:24	0° $\overline{\text{K}}$	
	-368 Oct 20 j 21:11	0° $\overline{\text{M}}$		desc. node	-365 Apr 18 j 01:17	7° $\overline{\text{K}}$ 19'55	
desc. node	-368 Oct 31 j 06:28	13° $\overline{\text{M}}$ 03'14		morning max el	-365 May 04 j 11:23	21° $\overline{\text{K}}$ 53'48	45°50'17
evening rise	-368 Nov 03 j 12:52	17° $\overline{\text{M}}$ 09'31			-365 May 12 j 17:20	0° $\overline{\text{Y}}$	
	-368 Nov 13 j 18:17	0° $\overline{\text{A}}$			-365 Jun 09 j 22:18	0° $\overline{\text{C}}$	
	-368 Dec 07 j 16:53	0° $\overline{\text{C}}$			-365 Jul 06 j 07:32	0° $\overline{\text{II}}$	
	-368 Dec 31 j 18:26	0° \approx			-365 Jul 31 j 17:10	0° $\overline{\text{C}}$	
	-367 Jan 25 j 01:33	0° $\overline{\text{K}}$		asc. node	-365 Aug 09 j 04:12	10° $\overline{\text{C}}$ 11'19	
	-367 Feb 18 j 18:37	0° $\overline{\text{Y}}$			-365 Aug 25 j 10:28	0° Ω	
asc. node	-367 Feb 21 j 09:01	3° $\overline{\text{Y}}$ 06'50			-365 Sep 18 j 16:17	0° $\overline{\text{M}}$	
	-367 Mar 16 j 04:35	0° $\overline{\text{C}}$			-365 Oct 12 j 15:07	0° $\underline{\text{A}}$	
	-367 Apr 11 j 20:45	0° $\overline{\text{II}}$		morning set	-365 Oct 29 j 23:18	21° $\underline{\text{A}}$ 49'33	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-365 Nov 05 j 10:58	0°♌		inferior conj	-362 May 04 j 07:40	7°♌49'53	2°34'41
desc. node	-365 Nov 28 j 18:20	29°♌21'37		minimum elong	-362 May 04 j 13:04	7°♌41'25	2°33'12
	-365 Nov 29 j 06:32	0°♍		min. Earth dist.	-362 May 04 j 13:58	7°♌39'59	0.29024 AU
				morning rise	-362 May 10 j 16:56	3°♌59'13	
superior conj	-365 Dec 10 j 12:03	14°♍07'48	0°-27'-23	desc. node	-362 May 15 j 13:10	1°♌38'42	
minimum elong	-365 Dec 10 j 04:54	13°♍45'18	0°27'04		-362 May 20 j 22:04	30°♌	
max. Earth dist.	-365 Dec 13 j 07:32	17°♍39'50	1.71139 AU	direct	-362 May 25 j 23:11	29°♌29'42	
	-365 Dec 23 j 03:17	0°♎			-362 May 31 j 03:37	0°♎	
	-364 Jan 16 j 02:09	0°♏		greatest brilliancy	-362 Jun 08 j 14:10	2°♌44'04	-4.5m
evening rise	-364 Jan 21 j 00:57	6°♏10'49		morning max el	-362 Jul 13 j 21:33	29°♌23'55	45°51'47
	-364 Feb 09 j 04:19	0°♐			-362 Jul 14 j 12:35	0°♐	
	-364 Mar 04 j 11:29	0°♑			-362 Aug 12 j 06:24	0°♑	
asc. node	-364 Mar 20 j 21:00	20°♑03'03		asc. node	-362 Sep 05 j 16:05	27°♑54'30	
	-364 Mar 29 j 01:34	0°♒			-362 Sep 07 j 10:45	0°♒	
	-364 Apr 23 j 00:54	0°♓			-362 Oct 02 j 10:04	0°♓	
	-364 May 18 j 13:15	0°♈			-362 Oct 26 j 17:54	0°♈	
	-364 Jun 13 j 23:11	0°♉			-362 Nov 19 j 18:27	0°♉	
desc. node	-364 Jul 10 j 10:53	28°♉08'57			-362 Dec 13 j 16:47	0°♊	
	-364 Jul 12 j 07:18	0°♊		desc. node	-362 Dec 26 j 06:05	15°♊43'57	
evening max el	-364 Jul 17 j 15:44	5°♊14'11	46°00'11		-361 Jan 06 j 15:37	0°♋	
	-364 Aug 17 j 13:20	0°♋		morning set	-361 Jan 15 j 05:49	10°♋44'21	
greatest brilliancy	-364 Aug 25 j 15:05	3°♋46'54	-4.6m		-361 Jan 30 j 16:11	0°♌	
retrograde	-364 Sep 04 j 23:29	5°♋44'10			-361 Feb 23 j 19:07	0°♍	
evening set	-364 Sep 22 j 00:30	0°♌16'37					
	-364 Sep 22 j 11:59	30°♌		superior conj	-361 Feb 24 j 16:23	1°♍05'56	-1°-24'-45
inferior conj	-364 Sep 25 j 18:53	28°♌01'55	-7°-37'-5	minimum elong	-361 Feb 24 j 18:37	1°♍12'52	1°24'45
minimum elong	-364 Sep 26 j 04:29	27°♌47'19	7°35'32	max. Earth dist.	-361 Feb 28 j 06:29	5°♍32'54	1.72564 AU
min. Earth dist.	-364 Sep 26 j 14:36	27°♌31'58	0.27112 AU		-361 Mar 20 j 00:59	0°♎	
morning rise	-364 Sep 30 j 08:03	25°♌19'22		evening rise	-361 Apr 04 j 04:51	18°♌40'43	
direct	-364 Oct 16 j 12:18	20°♌12'58			-361 Apr 13 j 10:06	0°♏	
greatest brilliancy	-364 Oct 30 j 04:12	23°♌38'51	-4.7m	asc. node	-361 Apr 18 j 09:01	6°♌04'31	
asc. node	-364 Oct 31 j 13:39	24°♌19'55			-361 May 07 j 22:39	0°♐	
	-364 Nov 09 j 17:38	0°♑			-361 Jun 01 j 14:55	0°♑	
morning max el	-364 Dec 06 j 07:58	23°♑46'58	46°56'05		-361 Jun 26 j 12:01	0°♒	
	-364 Dec 12 j 07:23	0°♒			-361 Jul 21 j 16:39	0°♓	
	-363 Jan 08 j 07:30	0°♓		desc. node	-361 Aug 07 j 22:39	20°♓12'32	
	-363 Feb 02 j 22:49	0°♈			-361 Aug 16 j 10:09	0°♈	
desc. node	-363 Feb 20 j 03:45	20°♈30'08			-361 Sep 12 j 04:46	0°♉	
	-363 Feb 28 j 01:58	0°♉		evening max el	-361 Sep 30 j 06:44	18°♌55'38	47°13'46
	-363 Mar 24 j 23:47	0°♊			-361 Oct 11 j 20:27	0°♊	
	-363 Apr 18 j 18:45	0°♋		greatest brilliancy	-361 Nov 07 j 23:42	19°♌14'59	-4.7m
	-363 May 13 j 11:20	0°♌		retrograde	-361 Nov 19 j 22:22	21°♌54'57	
	-363 Jun 07 j 00:58	0°♍		asc. node	-361 Nov 29 j 01:28	20°♌10'57	
morning set	-363 Jun 07 j 17:03	0°♍49'14		evening set	-361 Dec 04 j 07:27	17°♌44'44	
asc. node	-363 Jun 13 j 06:38	7°♍38'41		inferior conj	-361 Dec 10 j 11:05	14°♌06'43	2°53'55
	-363 Jul 01 j 10:50	0°♎		minimum elong	-361 Dec 10 j 04:51	14°♌16'18	2°52'00
max. Earth dist.	-363 Jul 10 j 09:15	11°♎01'51	1.73042 AU	min. Earth dist.	-361 Dec 09 j 18:20	14°♌32'27	0.26507 AU
				morning rise	-361 Dec 16 j 02:54	10°♌46'48	
superior conj	-363 Jul 13 j 23:05	15°♎27'17	1°04'08	direct	-361 Dec 30 j 19:14	6°♌29'52	
minimum elong	-363 Jul 13 j 14:25	15°♎00'30	1°03'51	greatest brilliancy	-360 Jan 10 j 19:41	8°♌47'17	-4.6m
	-363 Jul 25 j 16:48	0°♏			-360 Feb 09 j 18:41	0°♎	
	-363 Aug 18 j 19:52	0°♐		morning max el	-360 Feb 18 j 17:12	8°♎32'04	46°29'02
evening rise	-363 Aug 19 j 06:58	0°♑34'32			-360 Mar 10 j 08:41	0°♏	
	-363 Sep 11 j 21:44	0°♒		desc. node	-360 Mar 19 j 15:39	10°♏10'40	
desc. node	-363 Oct 02 j 20:38	26°♒05'47			-360 Apr 06 j 06:13	0°♓	
	-363 Oct 05 j 23:55	0°♓			-360 May 02 j 04:04	0°♑	
	-363 Oct 30 j 03:38	0°♔			-360 May 27 j 13:12	0°♒	
	-363 Nov 23 j 10:33	0°♕			-360 Jun 21 j 13:00	0°♓	
	-363 Dec 18 j 00:30	0°♖		asc. node	-360 Jul 10 j 18:24	23°♓22'22	
	-362 Jan 12 j 05:56	0°♗			-360 Jul 16 j 04:19	0°♔	
asc. node	-362 Jan 23 j 23:09	13°♗28'14			-360 Aug 09 j 11:56	0°♕	
	-362 Feb 07 j 22:12	0°♘		morning set	-360 Aug 14 j 22:09	6°♓44'30	
evening max el	-362 Feb 22 j 16:12	15°♘13'32	45°55'16		-360 Sep 02 j 13:32	0°♖	
	-362 Mar 10 j 21:22	0°♙		max. Earth dist.	-360 Sep 19 j 01:40	20°♖41'33	1.71483 AU
greatest brilliancy	-362 Mar 29 j 00:55	12°♙13'15	-4.5m				
retrograde	-362 Apr 12 j 21:21	16°♙05'35		superior conj	-360 Sep 21 j 15:09	23°♖54'29	1°14'59
evening set	-362 Apr 28 j 09:13	11°♙25'22		minimum elong	-360 Sep 21 j 23:39	24°♖21'10	1°14'48

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-360 Sep 26 j 11:34	0°♌			-357 Apr 08 j 22:43	0°♋		
	-360 Oct 20 j 08:22	0°♍		desc. node	-357 Apr 17 j 03:26	6°♋17'18		
desc. node	-360 Oct 30 j 08:37	12°♍34'42		morning max el	-357 May 02 j 02:00	19°♋39'21	45°51'10	
evening rise	-360 Oct 31 j 22:55	14°♍34'58			-357 May 12 j 12:57	0°♎		
	-360 Nov 13 j 05:35	0°♏			-357 Jun 09 j 13:08	0°♍		
	-360 Dec 07 j 04:19	0°♐			-357 Jul 05 j 20:25	0°♑		
	-360 Dec 31 j 06:03	0°♑			-357 Jul 31 j 05:04	0°♒		
	-359 Jan 24 j 13:28	0°♋		asc. node	-357 Aug 08 j 06:16	9°♒42'14		
	-359 Feb 18 j 07:07	0°♎			-357 Aug 24 j 21:51	0°♑		
asc. node	-359 Feb 20 j 11:06	2°♎35'30			-357 Sep 18 j 03:23	0°♐		
	-359 Mar 15 j 18:16	0°♏			-357 Oct 12 j 02:07	0°♌		
	-359 Apr 11 j 13:12	0°♑		morning set	-357 Oct 27 j 11:06	19°♌20'55		
evening max el	-359 May 04 j 08:21	23°♑19'15	45°16'46		-357 Nov 04 j 21:57	0°♍		
	-359 May 11 j 13:20	0°♒		desc. node	-357 Nov 27 j 20:21	28°♍53'19		
greatest brilliancy	-359 Jun 08 j 16:58	19°♒46'21	-4.5m		-357 Nov 28 j 17:32	0°♏		
desc. node	-359 Jun 12 j 01:06	21°♒03'14						
retrograde	-359 Jun 21 j 18:11	22°♒44'47		superior conj	-357 Dec 07 j 21:23	11°♏31'41	0°-23'-32	
evening set	-359 Jul 07 j 18:44	17°♒55'10		minimum elong	-357 Dec 07 j 15:09	11°♏12'03	0°23'16	
inferior conj	-359 Jul 13 j 03:32	14°♒42'20	-6°-29'-43	max. Earth dist.	-357 Dec 10 j 11:20	14°♏46'26	1.71120 AU	
minimum elong	-359 Jul 12 j 17:29	14°♒57'53	6°27'45		-357 Dec 22 j 14:17	0°♐		
min. Earth dist.	-359 Jul 13 j 08:33	14°♒34'33	0.28643 AU		-356 Jan 15 j 13:09	0°♑		
morning rise	-359 Jul 17 j 15:54	11°♒57'39		evening rise	-356 Jan 18 j 11:46	3°♑40'24		
direct	-359 Aug 03 j 17:04	6°♒29'52			-356 Feb 08 j 15:23	0°♋		
greatest brilliancy	-359 Aug 18 j 02:30	10°♒08'01	-4.6m		-356 Mar 03 j 22:40	0°♎		
	-359 Sep 14 j 03:10	0°♑		asc. node	-356 Mar 19 j 23:11	19°♎35'11		
morning max el	-359 Sep 22 j 14:45	8°♑09'48	46°29'38		-356 Mar 28 j 13:03	0°♏		
asc. node	-359 Oct 03 j 03:59	19°♑03'45			-356 Apr 22 j 12:58	0°♑		
	-359 Oct 13 j 04:52	0°♐			-356 May 18 j 02:28	0°♒		
	-359 Nov 08 j 04:09	0°♌			-356 Jun 13 j 14:46	0°♑		
	-359 Dec 03 j 00:49	0°♍		desc. node	-356 Jul 09 j 12:54	27°♑21'33		
	-359 Dec 27 j 11:13	0°♏			-356 Jul 12 j 05:01	0°♐		
	-358 Jan 20 j 18:31	0°♐		evening max el	-356 Jul 15 j 05:30	2°♐55'50	45°57'50	
desc. node	-358 Jan 22 j 17:58	2°♐26'36			-356 Aug 19 j 17:16	0°♌		
	-358 Feb 14 j 01:37	0°♑		greatest brilliancy	-356 Aug 23 j 01:41	1°♌22'14	-4.6m	
	-358 Mar 10 j 09:37	0°♋		retrograde	-356 Sep 02 j 12:39	3°♌21'21		
morning set	-358 Mar 29 j 15:37	23°♋41'27			-356 Sep 15 j 14:50	30°♌♐		
	-358 Apr 03 j 18:47	0°♎		evening set	-356 Sep 19 j 16:21	27°♐48'50		
	-358 Apr 28 j 04:56	0°♏		inferior conj	-356 Sep 23 j 07:49	25°♐38'17	-7°-48'-22	
				minimum elong	-356 Sep 23 j 16:59	25°♐24'22	7°46'59	
superior conj	-358 May 05 j 14:57	9°♏06'17	0°-23'-55	min. Earth dist.	-356 Sep 24 j 03:22	25°♐08'38	0.27173 AU	
minimum elong	-358 May 05 j 19:43	9°♏20'54	0°23'42	morning rise	-356 Sep 27 j 17:17	23°♐01'13		
max. Earth dist.	-358 May 05 j 12:19	8°♏58'13	1.73638 AU	direct	-356 Oct 14 j 02:23	17°♐48'25		
asc. node	-358 May 15 j 20:51	21°♏40'58		greatest brilliancy	-356 Oct 27 j 19:17	21°♐16'04	-4.7m	
	-358 May 22 j 15:23	0°♑		asc. node	-356 Oct 30 j 15:37	22°♐43'29		
evening rise	-358 Jun 10 j 17:17	23°♑26'11			-356 Nov 10 j 13:14	0°♌		
	-358 Jun 16 j 01:27	0°♒		morning max el	-356 Dec 03 j 23:00	21°♌25'34	46°56'03	
	-358 Jul 10 j 11:06	0°♑			-356 Dec 12 j 03:32	0°♍		
	-358 Aug 03 j 21:15	0°♐			-355 Jan 07 j 22:59	0°♏		
	-358 Aug 28 j 09:32	0°♌			-355 Feb 02 j 12:20	0°♐		
desc. node	-358 Sep 04 j 10:48	8°♌35'46		desc. node	-355 Feb 19 j 05:53	19°♐58'23		
	-358 Sep 22 j 01:57	0°♍			-355 Feb 27 j 14:24	0°♑		
	-358 Oct 17 j 01:37	0°♏			-355 Mar 24 j 11:31	0°♋		
	-358 Nov 11 j 16:25	0°♐			-355 Apr 18 j 06:00	0°♎		
	-358 Dec 08 j 23:00	0°♑			-355 May 12 j 22:15	0°♏		
evening max el	-358 Dec 11 j 02:33	2°♑12'40	47°10'39	morning set	-355 Jun 05 j 11:18	28°♏45'21		
asc. node	-358 Dec 26 j 13:21	17°♑02'07			-355 Jun 06 j 11:41	0°♑		
	-357 Jan 12 j 18:40	0°♋		asc. node	-355 Jun 12 j 08:37	7°♑11'58		
greatest brilliancy	-357 Jan 17 j 03:39	2°♋21'16	-4.6m		-355 Jun 30 j 21:28	0°♒		
retrograde	-357 Jan 31 j 00:06	5°♋54'33		max. Earth dist.	-355 Jul 08 j 05:46	9°♒03'59	1.73086 AU	
	-357 Feb 17 j 09:37	30°♋♌						
evening set	-357 Feb 17 j 22:31	29°♌40'17		superior conj	-355 Jul 11 j 17:03	13°♒21'24	1°02'01	
min. Earth dist.	-357 Feb 20 j 14:28	27°♌59'54	0.28294 AU	minimum elong	-355 Jul 11 j 08:20	12°♒54'28	1°01'44	
inferior conj	-357 Feb 21 j 03:42	27°♌38'53	8°35'35		-355 Jul 25 j 03:29	0°♑		
minimum elong	-357 Feb 21 j 04:42	27°♌37'17	8°35'34	evening rise	-355 Aug 16 j 23:12	28°♑21'54		
morning rise	-357 Feb 24 j 11:06	25°♌34'27			-355 Aug 18 j 06:43	0°♐		
direct	-357 Mar 14 j 04:18	19°♌32'48			-355 Sep 11 j 08:47	0°♌		
greatest brilliancy	-357 Mar 25 j 08:52	21°♌48'42	-4.5m	desc. node	-355 Oct 01 j 22:45	25°♌37'25		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-355 Oct 05 j 11:13	0°♌				-352 May 01 j 16:35	0°♍		
	-355 Oct 29 j 15:14	0°♎				-352 May 27 j 00:53	0°♏		
	-355 Nov 22 j 22:35	0°♐				-352 Jun 21 j 00:11	0°♑		
	-355 Dec 17 j 13:16	0°♒			asc. node	-352 Jul 09 j 20:32	22°♒55'19		
	-354 Jan 11 j 20:08	0°♓				-352 Jul 15 j 15:14	0°♓		
asc. node	-354 Jan 23 j 01:13	12°♓50'51				-352 Aug 08 j 22:44	0°♑		
	-354 Feb 07 j 15:54	0°♍			morning set	-352 Aug 12 j 14:09	4°♑31'26		
evening max el	-354 Feb 20 j 08:42	13°♍03'06	45°57'35			-352 Sep 02 j 00:20	0°♒		
	-354 Mar 11 j 06:10	0°♏			max. Earth dist.	-352 Sep 16 j 10:35	18°♒04'54	1.71532 AU	
greatest brilliancy	-354 Mar 26 j 18:09	10°♏05'43	-4.5m						
retrograde	-354 Apr 10 j 14:18	13°♏57'12			superior conj	-352 Sep 19 j 04:54	21°♒32'58	1°16'35	
evening set	-354 Apr 26 j 03:39	9°♏14'28			minimum elong	-352 Sep 19 j 12:49	21°♒57'49	1°16'25	
inferior conj	-354 May 02 j 00:09	5°♏41'13	2°53'19			-352 Sep 25 j 22:26	0°♑		
minimum elong	-354 May 02 j 06:07	5°♏31'51	2°51'40			-352 Oct 19 j 19:21	0°♌		
min. Earth dist.	-354 May 02 j 06:05	5°♏31'53	0.29023 AU		evening rise	-352 Oct 29 j 09:05	12°♌01'27		
morning rise	-354 May 08 j 08:42	1°♏51'30			desc. node	-352 Oct 29 j 10:35	12°♌06'09		
	-354 May 12 j 01:45	30°♌♍				-352 Nov 12 j 16:43	0°♎		
desc. node	-354 May 14 j 15:07	28°♍58'24				-352 Dec 06 j 15:35	0°♐		
direct	-354 May 23 j 16:01	27°♍21'17				-352 Dec 30 j 17:28	0°♒		
	-354 Jun 04 j 21:09	0°♏				-351 Jan 24 j 01:10	0°♓		
greatest brilliancy	-354 Jun 06 j 03:58	0°♏32'50	-4.5m			-351 Feb 17 j 19:23	0°♍		
morning max el	-354 Jul 11 j 13:54	27°♏15'15	45°50'52		asc. node	-351 Feb 19 j 13:16	2°♍05'08		
	-354 Jul 14 j 10:01	0°♑				-351 Mar 15 j 07:48	0°♏		
	-354 Aug 11 j 21:42	0°♒				-351 Apr 11 j 05:41	0°♑		
asc. node	-354 Sep 04 j 18:15	27°♒21'51			evening max el	-351 May 01 j 22:51	21°♒05'51	45°16'40	
	-354 Sep 06 j 23:54	0°♑				-351 May 11 j 16:07	0°♒		
	-354 Oct 01 j 22:15	0°♒			greatest brilliancy	-351 Jun 06 j 05:23	17°♒32'04	-4.5m	
	-354 Oct 26 j 05:34	0°♓			desc. node	-351 Jun 11 j 03:10	19°♒19'29		
	-354 Nov 19 j 05:48	0°♌			retrograde	-351 Jun 19 j 09:09	20°♒33'58		
	-354 Dec 13 j 03:55	0°♎			evening set	-351 Jul 05 j 07:18	15°♒47'42		
desc. node	-354 Dec 25 j 08:10	15°♎15'53			inferior conj	-351 Jul 10 j 19:07	12°♒30'53	-6°-15'-34	
	-353 Jan 06 j 02:34	0°♐			minimum elong	-351 Jul 10 j 09:03	12°♒46'27	6°13'31	
morning set	-353 Jan 12 j 16:29	8°♐13'41			min. Earth dist.	-351 Jul 11 j 00:13	12°♒22'58	0.28675 AU	
	-353 Jan 30 j 03:00	0°♒			morning rise	-351 Jul 15 j 10:23	9°♒41'54		
					direct	-351 Aug 01 j 08:23	4°♒17'39		
superior conj	-353 Feb 22 j 06:07	28°♒46'18	-1°-25'-4		greatest brilliancy	-351 Aug 15 j 19:18	7°♒56'41	-4.5m	
minimum elong	-353 Feb 22 j 07:28	28°♒50'30	1°25'05			-351 Sep 14 j 04:30	0°♑		
	-353 Feb 23 j 05:52	0°♓			morning max el	-351 Sep 20 j 05:02	5°♑50'52	46°28'14	
max. Earth dist.	-353 Feb 26 j 00:26	3°♓26'28	1.72513 AU		asc. node	-351 Oct 02 j 05:59	18°♑19'15		
	-353 Mar 19 j 11:41	0°♍				-351 Oct 12 j 21:35	0°♒		
evening rise	-353 Apr 01 j 21:00	16°♍29'47				-351 Nov 07 j 18:13	0°♓		
	-353 Apr 12 j 20:52	0°♏				-351 Dec 02 j 13:39	0°♌		
asc. node	-353 Apr 17 j 11:01	5°♏37'34				-351 Dec 26 j 23:22	0°♎		
	-353 May 07 j 09:35	0°♑				-350 Jan 20 j 06:12	0°♐		
	-353 Jun 01 j 02:13	0°♒			desc. node	-350 Jan 21 j 20:05	1°♐57'05		
	-353 Jun 25 j 23:56	0°♑				-350 Feb 13 j 12:56	0°♒		
	-353 Jul 21 j 05:36	0°♒				-350 Mar 09 j 20:37	0°♓		
desc. node	-353 Aug 07 j 00:50	19°♒38'15			morning set	-350 Mar 27 j 07:58	21°♓30'47		
	-353 Aug 16 j 00:54	0°♓				-350 Apr 03 j 05:35	0°♍		
	-353 Sep 11 j 23:13	0°♌				-350 Apr 27 j 15:38	0°♏		
evening max el	-353 Sep 27 j 20:54	16°♌32'48	47°11'58						
	-353 Oct 12 j 03:10	0°♎			superior conj	-350 May 03 j 09:06	7°♏01'57	0°-26'-56	
greatest brilliancy	-353 Nov 05 j 15:28	16°♎49'25	-4.7m		minimum elong	-350 May 03 j 14:25	7°♏18'16	0°26'41	
retrograde	-353 Nov 17 j 10:51	19°♎25'30			max. Earth dist.	-350 May 03 j 08:33	7°♏00'16	1.73628 AU	
asc. node	-353 Nov 28 j 03:30	17°♎04'26			asc. node	-350 May 14 j 22:51	21°♏14'22		
evening set	-353 Dec 01 j 19:09	15°♎17'32				-350 May 22 j 02:05	0°♑		
inferior conj	-353 Dec 07 j 23:30	11°♎38'38	2°30'48		evening rise	-350 Jun 08 j 12:39	21°♑25'08		
minimum elong	-353 Dec 07 j 18:01	11°♎47'04	2°29'06			-350 Jun 15 j 12:17	0°♒		
min. Earth dist.	-353 Dec 07 j 08:13	12°♎02'08	0.26466 AU			-350 Jul 09 j 22:10	0°♑		
morning rise	-353 Dec 13 j 17:27	8°♎15'40				-350 Aug 03 j 08:42	0°♒		
direct	-353 Dec 28 j 07:22	4°♎02'34				-350 Aug 27 j 21:32	0°♓		
greatest brilliancy	-352 Jan 08 j 09:08	6°♎20'58	-4.6m		desc. node	-350 Sep 03 j 12:51	8°♓04'59		
	-352 Feb 09 j 21:32	0°♐				-350 Sep 21 j 14:43	0°♌		
morning max el	-352 Feb 16 j 05:31	6°♐07'11	46°30'32			-350 Oct 16 j 15:34	0°♎		
	-352 Mar 10 j 01:52	0°♒				-350 Nov 11 j 08:31	0°♐		
desc. node	-352 Mar 18 j 17:49	9°♒32'48			evening max el	-350 Dec 08 j 16:53	29°♐50'27	47°12'32	
	-352 Apr 05 j 20:14	0°♓				-350 Dec 08 j 20:37	0°♒		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-350 Dec 25 j 15:30	15°≈59'00			-347 Jun 05 j 22:37	0°Ⅱ	
	-349 Jan 14 j 16:33	0°Ⅰ		asc. node	-347 Jun 11 j 10:48	6°Ⅱ45'11	
greatest brilliancy	-349 Jan 14 j 19:43	0°Ⅰ03'49	-4.6m		-347 Jun 30 j 08:20	0°☾	
retrograde	-349 Jan 28 j 15:56	3°Ⅰ37'24		max. Earth dist.	-347 Jul 06 j 01:33	7°☾03'17	1.73127 AU
	-349 Feb 11 j 00:05	30°Ⅰ≈					
evening set	-349 Feb 15 j 13:33	27°≈23'39		superior conj	-347 Jul 09 j 11:32	11°☾16'32	0°59'50
min. Earth dist.	-349 Feb 18 j 04:48	25°≈44'37	0.28238 AU	minimum elong	-347 Jul 09 j 02:50	10°☾49'38	0°59'33
inferior conj	-349 Feb 18 j 19:01	25°≈22'06	8°36'43		-347 Jul 24 j 14:24	0°♊	
minimum elong	-349 Feb 18 j 19:13	25°≈21'46	8°36'44	evening rise	-347 Aug 14 j 15:57	26°♊10'14	
morning rise	-349 Feb 22 j 01:05	23°≈19'56			-347 Aug 17 j 17:48	0°♋	
direct	-349 Mar 11 j 18:28	17°≈16'46			-347 Sep 10 j 20:07	0°♌	
greatest brilliancy	-349 Mar 22 j 22:38	19°≈32'27	-4.5m	desc. node	-347 Oct 01 j 00:44	25°♌07'33	
	-349 Apr 09 j 15:13	0°Ⅰ			-347 Oct 04 j 22:52	0°♍	
desc. node	-349 Apr 16 j 05:21	5°Ⅰ15'47			-347 Oct 29 j 03:15	0°♎	
morning max el	-349 Apr 29 j 17:33	17°Ⅰ27'16	45°52'09		-347 Nov 22 j 11:06	0°♏	
	-349 May 12 j 07:59	0°Ⅱ			-347 Dec 17 j 02:34	0°♐	
	-349 Jun 09 j 03:45	0°Ⅲ			-346 Jan 11 j 10:57	0°♑	
	-349 Jul 05 j 09:14	0°Ⅳ		asc. node	-346 Jan 22 j 03:22	12°♑12'10	
	-349 Jul 30 j 17:00	0°Ⅴ			-346 Feb 07 j 10:26	0°♒	
asc. node	-349 Aug 07 j 08:25	9°Ⅴ13'07		evening max el	-346 Feb 18 j 00:50	10°♒50'31	46°00'06
	-349 Aug 24 j 09:20	0°Ⅵ			-346 Mar 11 j 18:36	0°♓	
	-349 Sep 17 j 14:40	0°♈		greatest brilliancy	-346 Mar 24 j 12:11	7°♓58'24	-4.5m
	-349 Oct 11 j 13:20	0°♉		retrograde	-346 Apr 08 j 06:56	11°♓48'17	
morning set	-349 Oct 24 j 22:46	16°♉51'18		evening set	-346 Apr 23 j 22:23	7°♓03'00	
	-349 Nov 04 j 09:08	0°♊		inferior conj	-346 Apr 29 j 16:50	3°♓32'12	3°11'34
desc. node	-349 Nov 26 j 22:25	28°♊24'42		minimum elong	-346 Apr 29 j 23:19	3°♓21'57	3°09'49
	-349 Nov 28 j 04:42	0°♋		min. Earth dist.	-346 Apr 29 j 22:39	3°♓23'01	0.29016 AU
					-346 May 05 j 12:31	30°♋Ⅱ	
superior conj	-349 Dec 05 j 06:27	8°♋♌54'07	0°-19'-37	morning rise	-346 May 06 j 00:25	29°♋43'25	
minimum elong	-349 Dec 05 j 01:11	8°♋♌37'33	0°19'23	desc. node	-346 May 13 j 17:17	26°♋21'50	
max. Earth dist.	-349 Dec 07 j 18:15	12°♋♌02'13	1.71098 AU	direct	-346 May 21 j 08:47	25°♋12'32	
	-349 Dec 22 j 01:25	0°♌		greatest brilliancy	-346 Jun 03 j 17:24	28°♋20'26	-4.5m
	-348 Jan 15 j 00:18	0°♍			-346 Jun 07 j 03:48	0°♎	
evening rise	-348 Jan 15 j 22:30	1°≈09'18		morning max el	-346 Jul 09 j 05:40	25°♎04'29	45°50'07
	-348 Feb 08 j 02:35	0°Ⅰ			-346 Jul 14 j 06:59	0°Ⅱ	
	-348 Mar 03 j 10:01	0°Ⅱ			-346 Aug 11 j 13:02	0°Ⅲ	
asc. node	-348 Mar 19 j 01:10	19°Ⅱ06'16		asc. node	-346 Sep 03 j 20:15	26°Ⅲ48'08	
	-348 Mar 28 j 00:42	0°Ⅲ			-346 Sep 06 j 13:13	0°Ⅳ	
	-348 Apr 22 j 01:12	0°Ⅳ			-346 Oct 01 j 10:38	0°Ⅴ	
	-348 May 17 j 15:53	0°Ⅴ			-346 Oct 25 j 17:30	0°Ⅵ	
	-348 Jun 13 j 06:41	0°Ⅵ			-346 Nov 18 j 17:29	0°Ⅶ	
desc. node	-348 Jul 08 j 15:03	26°Ⅵ33'19			-346 Dec 12 j 15:26	0°♌	
	-348 Jul 12 j 03:47	0°♈		desc. node	-346 Dec 24 j 10:20	14°♌46'44	
evening max el	-348 Jul 12 j 19:58	0°♈38'56	45°55'16		-345 Jan 05 j 13:58	0°♍	
greatest brilliancy	-348 Aug 20 j 12:09	28°♈56'59	-4.6m	morning set	-345 Jan 10 j 02:33	5°♍39'37	
	-348 Aug 23 j 20:55	0°♉			-345 Jan 29 j 14:17	0°♎	
retrograde	-348 Aug 31 j 01:28	0°♉57'35					
	-348 Sep 06 j 23:57	30°♈Ⅱ		superior conj	-345 Feb 19 j 19:19	26°≈23'36	-1°-25'-14
evening set	-348 Sep 17 j 08:01	25°♈20'32		minimum elong	-345 Feb 19 j 19:46	26°≈25'01	1°25'15
inferior conj	-348 Sep 20 j 20:43	23°♈13'46	-7°-58'-39		-345 Feb 22 j 17:02	0°Ⅰ	
minimum elong	-348 Sep 21 j 05:23	23°♈00'37	7°57'28	max. Earth dist.	-345 Feb 23 j 17:35	1°Ⅰ16'10	1.72453 AU
min. Earth dist.	-348 Sep 21 j 15:57	22°♈44'33	0.27239 AU		-345 Mar 18 j 22:47	0°Ⅱ	
morning rise	-348 Sep 25 j 02:27	20°♈42'00		evening rise	-345 Mar 30 j 12:46	14°Ⅱ16'29	
direct	-348 Oct 11 j 16:48	15°♈23'02			-345 Apr 12 j 07:59	0°Ⅲ	
greatest brilliancy	-348 Oct 25 j 09:46	18°♈51'16	-4.7m	asc. node	-345 Apr 16 j 13:04	5°Ⅲ09'42	
asc. node	-348 Oct 29 j 17:40	21°♈09'19			-345 May 06 j 20:54	0°Ⅳ	
	-348 Nov 11 j 04:27	0°♉			-345 May 31 j 13:54	0°Ⅴ	
morning max el	-348 Dec 01 j 13:41	19°♉02'03	46°55'57		-345 Jun 25 j 12:15	0°Ⅵ	
	-348 Dec 11 j 23:32	0°♊			-345 Jul 20 j 18:57	0°♈	
	-347 Jan 07 j 14:38	0°♋		desc. node	-345 Aug 06 j 02:55	19°♈02'43	
	-347 Feb 02 j 02:02	0°Ⅰ			-345 Aug 15 j 16:05	0°♉	
desc. node	-347 Feb 18 j 08:01	19°Ⅰ25'55			-345 Sep 11 j 18:23	0°♊	
	-347 Feb 27 j 03:00	0°Ⅱ		evening max el	-345 Sep 25 j 10:03	14°♊06'48	47°09'58
	-347 Mar 23 j 23:26	0°Ⅲ			-345 Oct 12 j 12:41	0°♋	
	-347 Apr 17 j 17:27	0°Ⅳ		greatest brilliancy	-345 Nov 03 j 07:09	14°♋22'56	-4.7m
	-347 May 12 j 09:23	0°Ⅴ		retrograde	-345 Nov 14 j 22:49	16°♋55'13	
morning set	-347 Jun 03 j 05:59	26°Ⅴ42'07		asc. node	-345 Nov 27 j 05:39	13°♋51'42	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-345 Nov 29 j 07:02	12°♂48'49			-342 May 21 j 13:01	0°♂	
inferior conj	-345 Dec 05 j 11:56	9°♂09'34	2°07'22	evening rise	-342 Jun 06 j 07:46	19°♂22'48	
minimum elong	-345 Dec 05 j 07:14	9°♂16'47	2°05'53		-342 Jun 14 j 23:17	0°♂	
min. Earth dist.	-345 Dec 04 j 22:27	9°♂30'17	0.26437 AU		-342 Jul 09 j 09:24	0°♂	
morning rise	-345 Dec 11 j 07:52	5°♂43'42			-342 Aug 02 j 20:19	0°♂	
direct	-345 Dec 25 j 19:08	1°♂33'48			-342 Aug 27 j 09:43	0°♂	
greatest brilliancy	-344 Jan 05 j 23:58	3°♂54'42	-4.6m	desc. node	-342 Sep 02 j 14:50	7°♂33'30	
	-344 Feb 09 j 23:34	0°♂			-342 Sep 21 j 03:41	0°♂	
morning max el	-344 Feb 13 j 17:45	3°♂40'17	46°32'00		-342 Oct 16 j 05:43	0°♂	
	-344 Mar 09 j 19:14	0°♂			-342 Nov 11 j 00:54	0°♂	
desc. node	-344 Mar 17 j 19:46	8°♂53'11		evening max el	-342 Dec 06 j 08:19	27°♂31'08	47°14'21
	-344 Apr 05 j 10:35	0°♂			-342 Dec 08 j 19:01	0°♂	
	-344 May 01 j 05:25	0°♂		asc. node	-342 Dec 24 j 17:34	14°♂54'16	
	-344 May 26 j 12:51	0°♂		greatest brilliancy	-341 Jan 12 j 11:16	27°♂45'51	-4.6m
	-344 Jun 20 j 11:39	0°♂			-341 Jan 18 j 01:28	0°♂	
asc. node	-344 Jul 08 j 22:36	22°♂27'13		retrograde	-341 Jan 26 j 08:10	1°♂20'17	
	-344 Jul 15 j 02:27	0°♂			-341 Feb 03 j 07:55	30°♂	
	-344 Aug 08 j 09:50	0°♂		evening set	-341 Feb 13 j 04:16	25°♂07'34	
morning set	-344 Aug 10 j 06:31	2°♂18'43		inferior conj	-341 Feb 16 j 10:22	23°♂05'14	8°37'02
	-344 Sep 01 j 11:25	0°♂		minimum elong	-341 Feb 16 j 09:46	23°♂06'10	8°37'02
max. Earth dist.	-344 Sep 13 j 22:23	15°♂36'32	1.71579 AU	min. Earth dist.	-341 Feb 15 j 18:49	23°♂29'49	0.28185 AU
				morning rise	-341 Feb 19 j 15:30	21°♂04'47	
superior conj	-344 Sep 16 j 19:17	19°♂12'38	1°18'01	direct	-341 Mar 09 j 09:15	15°♂00'44	
minimum elong	-344 Sep 17 j 02:35	19°♂35'33	1°17'53	greatest brilliancy	-341 Mar 20 j 11:45	17°♂15'25	-4.5m
	-344 Sep 25 j 09:33	0°♂			-341 Apr 10 j 03:38	0°♂	
	-344 Oct 19 j 06:34	0°♂		desc. node	-341 Apr 15 j 07:33	4°♂16'02	
evening rise	-344 Oct 26 j 19:57	9°♂29'31		morning max el	-341 Apr 27 j 09:51	15°♂16'38	45°52'57
desc. node	-344 Oct 28 j 12:43	11°♂37'30			-341 May 12 j 02:40	0°♂	
	-344 Nov 12 j 04:04	0°♂			-341 Jun 08 j 18:22	0°♂	
	-344 Dec 06 j 03:06	0°♂			-341 Jul 04 j 22:07	0°♂	
	-344 Dec 30 j 05:12	0°♂			-341 Jul 30 j 04:58	0°♂	
	-343 Jan 23 j 13:14	0°♂		asc. node	-341 Aug 06 j 10:26	8°♂43'31	
	-343 Feb 17 j 08:08	0°♂			-341 Aug 23 j 20:49	0°♂	
asc. node	-343 Feb 18 j 15:14	1°♂32'50			-341 Sep 17 j 01:55	0°♂	
	-343 Mar 14 j 21:53	0°♂			-341 Oct 11 j 00:31	0°♂	
	-343 Apr 10 j 22:57	0°♂		morning set	-341 Oct 22 j 10:41	14°♂22'33	
evening max el	-343 Apr 29 j 13:37	18°♂52'09	45°16'56		-341 Nov 03 j 20:18	0°♂	
	-343 May 11 j 21:04	0°♂		desc. node	-341 Nov 26 j 00:35	27°♂56'29	
greatest brilliancy	-343 Jun 03 j 17:10	15°♂16'26	-4.5m		-341 Nov 27 j 15:50	0°♂	
desc. node	-343 Jun 10 j 05:18	17°♂31'18					
retrograde	-343 Jun 17 j 00:45	18°♂22'48		superior conj	-341 Dec 02 j 15:42	6°♂17'10	0°-15'-40
evening set	-343 Jul 02 j 20:07	13°♂39'31		minimum elong	-341 Dec 02 j 11:28	6°♂03'51	0°15'29
inferior conj	-343 Jul 08 j 10:47	10°♂18'56	-6°00'-58	behind sun begin	-341 Dec 02 j 02:40	5°♂36'08	
minimum elong	-343 Jul 08 j 00:44	10°♂34'27	5°58'51	behind sun end	-341 Dec 02 j 20:17	6°♂31'35	
min. Earth dist.	-343 Jul 08 j 15:40	10°♂11'22	0.28703 AU	max. Earth dist.	-341 Dec 05 j 03:09	9°♂24'11	1.71075 AU
morning rise	-343 Jul 13 j 04:56	7°♂25'56			-341 Dec 21 j 12:32	0°♂	
direct	-343 Jul 30 j 00:04	2°♂04'59		evening rise	-340 Jan 13 j 09:23	28°♂38'44	
greatest brilliancy	-343 Aug 13 j 12:33	5°♂45'38	-4.5m		-340 Jan 14 j 11:24	0°♂	
	-343 Sep 14 j 04:51	0°♂			-340 Feb 07 j 13:43	0°♂	
morning max el	-343 Sep 17 j 20:27	3°♂34'28	46°26'54		-340 Mar 02 j 21:18	0°♂	
asc. node	-343 Oct 01 j 08:00	17°♂34'50		asc. node	-340 Mar 18 j 03:15	18°♂37'48	
	-343 Oct 12 j 14:11	0°♂			-340 Mar 27 j 12:19	0°♂	
	-343 Nov 07 j 08:17	0°♂			-340 Apr 21 j 13:29	0°♂	
	-343 Dec 02 j 02:33	0°♂			-340 May 17 j 05:26	0°♂	
	-343 Dec 26 j 11:37	0°♂			-340 Jun 12 j 22:55	0°♂	
	-342 Jan 19 j 18:00	0°♂		desc. node	-340 Jul 07 j 17:08	25°♂44'00	
desc. node	-342 Jan 20 j 22:09	1°♂27'04		evening max el	-340 Jul 10 j 10:35	28°♂22'26	45°52'49
	-342 Feb 13 j 00:24	0°♂			-340 Jul 12 j 03:33	0°♂	
	-342 Mar 09 j 07:51	0°♂		greatest brilliancy	-340 Aug 17 j 23:33	26°♂33'23	-4.6m
morning set	-342 Mar 24 j 23:56	19°♂18'02		retrograde	-340 Aug 28 j 14:02	28°♂34'30	
	-342 Apr 02 j 16:38	0°♂		evening set	-340 Sep 14 j 23:39	22°♂53'29	
	-342 Apr 27 j 02:34	0°♂		inferior conj	-340 Sep 18 j 09:46	20°♂50'11	-8°-7'-58
				minimum elong	-340 Sep 18 j 17:50	20°♂37'55	8°06'59
superior conj	-342 May 01 j 02:51	4°♂55'35	0°-29'-55	min. Earth dist.	-340 Sep 19 j 04:43	20°♂21'21	0.27301 AU
minimum elong	-342 May 01 j 08:43	5°♂13'35	0°29'40	morning rise	-340 Sep 22 j 11:45	18°♂23'33	
max. Earth dist.	-342 May 01 j 05:17	5°♂03'04	1.73616 AU	direct	-340 Oct 09 j 07:07	12°♂58'45	
asc. node	-342 May 14 j 01:03	20°♂47'36		greatest brilliancy	-340 Oct 22 j 23:47	16°♂26'34	-4.7m

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-340 Oct 28 j 19:54	19° \mathbb{M} 39'17		-337 May 06 j 07:53	0° \mathbb{I}	
	-340 Nov 11 j 15:35	0° \mathbb{A}		-337 May 31 j 01:16	0° \mathbb{S}	
morning max el	-340 Nov 29 j 03:33	16° \mathbb{A} 36'56	46°55'44	-337 Jun 25 j 00:17	0° \mathbb{Q}	
	-340 Dec 11 j 18:45	0° \mathbb{M}		-337 Jul 20 j 08:06	0° \mathbb{M}	
	-339 Jan 07 j 05:52	0° \mathbb{J}		desc. node	-337 Aug 05 j 04:52	18° \mathbb{M} 27'16
	-339 Feb 01 j 15:26	0° \mathbb{Z}			-337 Aug 15 j 07:14	0° \mathbb{A}
desc. node	-339 Feb 17 j 09:59	18° \mathbb{Z} 53'42			-337 Sep 11 j 13:52	0° \mathbb{M}
	-339 Feb 26 j 15:21	0° \approx		evening max el	-337 Sep 22 j 22:31	11° \mathbb{M} 39'51 47°07'59
	-339 Mar 23 j 11:07	0° \mathbb{H}			-337 Oct 13 j 01:07	0° \mathbb{J}
	-339 Apr 17 j 04:40	0° \mathbb{Y}		greatest brilliancy	-337 Oct 31 j 22:23	11° \mathbb{J} 56'20 -4.7m
	-339 May 11 j 20:19	0° \mathbb{B}		retrograde	-337 Nov 12 j 10:46	14° \mathbb{J} 25'41
morning set	-339 Jun 01 j 00:36	24° \mathbb{B} 39'12		asc. node	-337 Nov 26 j 07:42	10° \mathbb{J} 35'05
	-339 Jun 05 j 09:23	0° \mathbb{I}		evening set	-337 Nov 26 j 19:02	10° \mathbb{J} 20'07
asc. node	-339 Jun 10 j 12:52	6° \mathbb{I} 18'32		min. Earth dist.	-337 Dec 02 j 12:37	6° \mathbb{J} 59'00 0.26410 AU
	-339 Jun 29 j 19:04	0° \mathbb{S}		inferior conj	-337 Dec 03 j 00:16	6° \mathbb{J} 41'08 1°43'37
max. Earth dist.	-339 Jul 03 j 19:21	4° \mathbb{S} 56'58	1.73171 AU	minimum elong	-337 Dec 02 j 20:25	6° \mathbb{J} 47'03 1°42'22
				morning rise	-337 Dec 08 j 22:04	3° \mathbb{J} 12'46
superior conj	-339 Jul 07 j 05:54	9° \mathbb{S} 11'48	0°57'35		-337 Dec 16 j 15:20	30° \mathbb{R} \mathbb{M}
minimum elong	-339 Jul 06 j 21:16	8° \mathbb{S} 45'07	0°57'17	direct	-337 Dec 23 j 06:41	29° \mathbb{M} 05'27
	-339 Jul 24 j 01:12	0° \mathbb{Q}			-337 Dec 30 j 03:10	0° \mathbb{J}
evening rise	-339 Aug 12 j 08:34	23° \mathbb{Q} 58'38		greatest brilliancy	-336 Jan 03 j 15:18	1° \mathbb{J} 29'54 -4.7m
	-339 Aug 17 j 04:45	0° \mathbb{M}			-336 Feb 09 j 23:51	0° \mathbb{Z}
	-339 Sep 10 j 07:17	0° \mathbb{A}		morning max el	-336 Feb 11 j 06:23	1° \mathbb{Z} 15'18 46°33'29
desc. node	-339 Sep 30 j 02:52	24° \mathbb{A} 38'49			-336 Mar 09 j 11:50	0° \approx
	-339 Oct 04 j 10:19	0° \mathbb{M}		desc. node	-336 Mar 16 j 21:56	8° \approx 15'40
	-339 Oct 28 j 15:04	0° \mathbb{J}			-336 Apr 05 j 00:24	0° \mathbb{H}
	-339 Nov 21 j 23:27	0° \mathbb{Z}			-336 Apr 30 j 17:48	0° \mathbb{Y}
	-339 Dec 16 j 15:44	0° \approx			-336 May 26 j 00:26	0° \mathbb{B}
	-338 Jan 11 j 01:40	0° \mathbb{H}			-336 Jun 19 j 22:45	0° \mathbb{I}
asc. node	-338 Jan 21 j 05:23	11° \mathbb{H} 33'27		asc. node	-336 Jul 08 j 00:39	22° \mathbb{I} 00'12
	-338 Feb 07 j 05:08	0° \mathbb{Y}			-336 Jul 14 j 13:17	0° \mathbb{S}
evening max el	-338 Feb 15 j 16:10	8° \mathbb{Y} 36'36	46°02'38	morning set	-336 Aug 07 j 23:02	0° \mathbb{Q} 07'37
	-338 Mar 12 j 10:45	0° \mathbb{B}			-336 Aug 07 j 20:35	0° \mathbb{Q}
greatest brilliancy	-338 Mar 22 j 06:03	5° \mathbb{B} 51'38	-4.5m		-336 Aug 31 j 22:11	0° \mathbb{M}
retrograde	-338 Apr 05 j 23:13	9° \mathbb{B} 40'23		max. Earth dist.	-336 Sep 11 j 12:06	13° \mathbb{M} 15'07 1.71633 AU
evening set	-338 Apr 21 j 17:12	4° \mathbb{B} 52'19				
inferior conj	-338 Apr 27 j 09:33	1° \mathbb{B} 24'14	3°29'25	superior conj	-336 Sep 14 j 09:35	16° \mathbb{M} 53'00 1°19'19
minimum elong	-338 Apr 27 j 16:32	1° \mathbb{B} 13'13	3°27'35	minimum elong	-336 Sep 14 j 16:14	17° \mathbb{M} 13'51 1°19'13
min. Earth dist.	-338 Apr 27 j 15:28	1° \mathbb{B} 14'53	0.29011 AU		-336 Sep 24 j 20:25	0° \mathbb{A}
	-338 Apr 29 j 15:10	30° \mathbb{R} \mathbb{Y}			-336 Oct 18 j 17:34	0° \mathbb{M}
morning rise	-338 May 03 j 15:59	27° \mathbb{Y} 36'33		evening rise	-336 Oct 24 j 06:32	6° \mathbb{M} 57'28
desc. node	-338 May 12 j 19:22	23° \mathbb{Y} 50'44		desc. node	-336 Oct 27 j 14:51	11° \mathbb{M} 09'34
direct	-338 May 19 j 01:09	23° \mathbb{Y} 04'45			-336 Nov 11 j 15:12	0° \mathbb{J}
greatest brilliancy	-338 Jun 01 j 07:26	26° \mathbb{Y} 09'41	-4.5m		-336 Dec 05 j 14:22	0° \mathbb{Z}
	-338 Jun 08 j 14:43	0° \mathbb{B}			-336 Dec 29 j 16:39	0° \approx
morning max el	-338 Jul 06 j 20:42	22° \mathbb{B} 52'42	45°49'18		-335 Jan 23 j 01:02	0° \mathbb{H}
	-338 Jul 14 j 02:57	0° \mathbb{I}			-335 Feb 16 j 20:36	0° \mathbb{Y}
	-338 Aug 11 j 03:57	0° \mathbb{S}		asc. node	-335 Feb 17 j 17:21	1° \mathbb{Y} 01'52
asc. node	-338 Sep 02 j 22:20	26° \mathbb{S} 15'25			-335 Mar 14 j 11:46	0° \mathbb{B}
	-338 Sep 06 j 02:15	0° \mathbb{Q}			-335 Apr 10 j 16:12	0° \mathbb{I}
	-338 Sep 30 j 22:47	0° \mathbb{M}		evening max el	-335 Apr 27 j 05:16	16° \mathbb{I} 41'43 45°17'17
	-338 Oct 25 j 05:11	0° \mathbb{A}			-335 May 12 j 03:35	0° \mathbb{S}
	-338 Nov 18 j 04:52	0° \mathbb{M}		greatest brilliancy	-335 Jun 01 j 05:09	13° \mathbb{S} 02'27 -4.5m
	-338 Dec 12 j 02:38	0° \mathbb{J}		desc. node	-335 Jun 09 j 07:20	15° \mathbb{S} 40'21
desc. node	-338 Dec 23 j 12:19	14° \mathbb{J} 18'03		retrograde	-335 Jun 14 j 16:49	16° \mathbb{S} 13'02
	-337 Jan 05 j 01:02	0° \mathbb{Z}		evening set	-335 Jun 30 j 09:14	11° \mathbb{S} 32'40
morning set	-337 Jan 07 j 12:28	3° \mathbb{Z} 05'57		inferior conj	-335 Jul 06 j 02:31	8° \mathbb{S} 08'23 -5°-45'-56
	-337 Jan 29 j 01:14	0° \approx		minimum elong	-335 Jul 05 j 16:34	8° \mathbb{S} 23'45 5°43'45
				min. Earth dist.	-335 Jul 06 j 06:52	8° \mathbb{S} 01'39 0.28730 AU
superior conj	-337 Feb 17 j 08:28	24° \approx 01'41	-1°-25'-15	morning rise	-335 Jul 10 j 23:32	5° \mathbb{S} 11'29
minimum elong	-337 Feb 17 j 07:59	24° \approx 00'13	1°25'16	direct	-335 Jul 25 j 10:04	30° \mathbb{R} \mathbb{I}
max. Earth dist.	-337 Feb 21 j 08:40	29° \approx 00'22	1.72393 AU		-335 Jul 27 j 16:24	29° \mathbb{I} 53'56
	-337 Feb 22 j 03:53	0° \mathbb{H}			-335 Jul 29 j 23:22	0° \mathbb{S}
	-337 Mar 18 j 09:33	0° \mathbb{Y}		greatest brilliancy	-335 Aug 11 j 05:18	3° \mathbb{S} 35'31 -4.5m
evening rise	-337 Mar 28 j 04:29	12° \mathbb{Y} 03'53			-335 Sep 14 j 03:38	0° \mathbb{Q}
	-337 Apr 11 j 18:47	0° \mathbb{B}		morning max el	-335 Sep 15 j 12:20	1° \mathbb{Q} 20'38 46°25'21
asc. node	-337 Apr 15 j 15:16	4° \mathbb{B} 43'20		asc. node	-335 Sep 30 j 10:15	16° \mathbb{Q} 52'35

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-335 Oct 12 j 06:10	0°♎			-332 May 16 j 19:00	0°♏		
	-335 Nov 06 j 22:01	0°♏			-332 Jun 12 j 15:20	0°♏		
	-335 Dec 01 j 15:13	0°♎		desc. node	-332 Jul 06 j 19:10	24°♏54'02		
	-335 Dec 25 j 23:39	0°♏		evening max el	-332 Jul 08 j 00:33	26°♏04'45	45°50'22	
	-334 Jan 19 j 05:34	0°♏			-332 Jul 12 j 04:20	0°♎		
desc. node	-334 Jan 20 j 00:13	0°♏57'41		greatest brilliancy	-332 Aug 15 j 12:07	24°♎11'48	-4.6m	
	-334 Feb 12 j 11:37	0°♎		retrograde	-332 Aug 26 j 02:23	26°♎12'30		
	-334 Mar 08 j 18:47	0°♏		evening set	-332 Sep 12 j 15:19	20°♎27'55		
morning set	-334 Mar 22 j 15:42	17°♏05'30		inferior conj	-332 Sep 15 j 23:03	18°♎27'51	-8°-16'-23	
	-334 Apr 02 j 03:23	0°♎		minimum elong	-332 Sep 16 j 06:26	18°♎16'34	8°15'34	
	-334 Apr 26 j 13:14	0°♏		min. Earth dist.	-332 Sep 16 j 17:57	17°♎59'00	0.27360 AU	
				morning rise	-332 Sep 19 j 21:20	16°♎06'11		
superior conj	-334 Apr 28 j 20:33	2°♏49'52	0°-32'-54	direct	-332 Oct 06 j 21:02	10°♎35'37		
minimum elong	-334 Apr 29 j 02:57	3°♏09'29	0°32'37	greatest brilliancy	-332 Oct 20 j 14:14	14°♎03'16	-4.7m	
max. Earth dist.	-334 Apr 29 j 03:31	3°♏11'15	1.73602 AU	asc. node	-332 Oct 27 j 21:52	18°♎12'34		
asc. node	-334 May 13 j 03:05	20°♏21'11			-332 Nov 11 j 23:33	0°♏		
	-334 May 20 j 23:41	0°♏		morning max el	-332 Nov 26 j 16:24	14°♏09'41	46°55'29	
evening rise	-334 Jun 04 j 03:01	17°♏21'42			-332 Dec 11 j 13:19	0°♎		
	-334 Jun 14 j 10:03	0°♏			-331 Jan 06 j 20:48	0°♏		
	-334 Jul 08 j 20:22	0°♏			-331 Feb 01 j 04:43	0°♏		
	-334 Aug 02 j 07:40	0°♎		desc. node	-331 Feb 16 j 12:07	18°♏22'05		
	-334 Aug 26 j 21:39	0°♏			-331 Feb 26 j 03:41	0°♎		
desc. node	-334 Sep 01 j 17:02	7°♏03'29			-331 Mar 22 j 22:49	0°♏		
	-334 Sep 20 j 16:27	0°♎			-331 Apr 16 j 15:56	0°♎		
	-334 Oct 15 j 19:47	0°♏			-331 May 11 j 07:16	0°♏		
	-334 Nov 10 j 17:26	0°♏		morning set	-331 May 29 j 19:05	22°♏35'49		
evening max el	-334 Dec 04 j 00:25	25°♏13'34	47°15'55		-331 Jun 04 j 20:09	0°♏		
	-334 Dec 08 j 18:20	0°♎		asc. node	-331 Jun 09 j 14:52	5°♏51'41		
asc. node	-334 Dec 23 j 19:37	13°♏47'38			-331 Jun 29 j 05:48	0°♏		
greatest brilliancy	-333 Jan 10 j 03:37	25°♏28'31	-4.6m	max. Earth dist.	-331 Jul 01 j 13:40	2°♏52'17	1.73214 AU	
retrograde	-333 Jan 24 j 00:17	29°♏02'11						
evening set	-333 Feb 10 j 18:23	22°♏51'19		superior conj	-331 Jul 05 j 00:19	7°♏07'18	0°55'16	
min. Earth dist.	-333 Feb 13 j 08:27	21°♏14'26	0.28125 AU	minimum elong	-331 Jul 04 j 15:46	6°♏40'55	0°54'56	
inferior conj	-333 Feb 14 j 01:25	20°♏47'36	8°36'34		-331 Jul 23 j 12:02	0°♏		
minimum elong	-333 Feb 14 j 00:02	20°♏49'48	8°36'32	evening rise	-331 Aug 10 j 01:28	21°♏47'58		
morning rise	-333 Feb 17 j 05:57	18°♏48'18			-331 Aug 16 j 15:45	0°♎		
direct	-333 Mar 07 j 00:08	12°♏44'16			-331 Sep 09 j 18:31	0°♏		
greatest brilliancy	-333 Mar 17 j 23:41	14°♏56'50	-4.5m	desc. node	-331 Sep 29 j 04:59	24°♏09'49		
	-333 Apr 10 j 12:43	0°♏			-331 Oct 03 j 21:49	0°♎		
desc. node	-333 Apr 14 j 09:41	3°♏17'51			-331 Oct 28 j 02:56	0°♏		
morning max el	-333 Apr 25 j 01:40	13°♏05'16	45°53'48		-331 Nov 21 j 11:50	0°♏		
	-333 May 11 j 20:40	0°♎			-331 Dec 16 j 04:58	0°♎		
	-333 Jun 08 j 08:35	0°♏			-330 Jan 10 j 16:35	0°♏		
	-333 Jul 04 j 10:41	0°♏		asc. node	-330 Jan 20 j 07:30	10°♏54'30		
	-333 Jul 29 j 16:41	0°♏			-330 Feb 07 j 00:28	0°♎		
asc. node	-333 Aug 05 j 12:31	8°♏14'45		evening max el	-330 Feb 13 j 06:36	6°♎19'56	46°05'03	
	-333 Aug 23 j 08:05	0°♏			-330 Mar 13 j 09:02	0°♏		
	-333 Sep 16 j 12:59	0°♎		greatest brilliancy	-330 Mar 19 j 23:17	3°♏43'16	-4.5m	
	-333 Oct 10 j 11:29	0°♏		retrograde	-330 Apr 03 j 15:29	7°♏31'53		
morning set	-333 Oct 19 j 23:01	11°♏55'47		evening set	-330 Apr 19 j 12:03	2°♏40'37		
	-333 Nov 03 j 07:16	0°♎			-330 Apr 23 j 22:09	30°♎		
desc. node	-333 Nov 25 j 02:34	27°♏28'09		inferior conj	-330 Apr 25 j 02:15	29°♎15'37	3°47'06	
	-333 Nov 27 j 02:49	0°♏		minimum elong	-330 Apr 25 j 09:41	29°♎03'52	3°45'10	
				min. Earth dist.	-330 Apr 25 j 08:26	29°♎05'51	0.29007 AU	
superior conj	-333 Nov 30 j 01:04	3°♏41'00	0°-11'-42	morning rise	-330 May 01 j 07:24	25°♎29'22		
minimum elong	-333 Nov 29 j 21:53	3°♏31'01	0°11'33	desc. node	-330 May 11 j 21:21	21°♎23'30		
behind sun begin	-333 Nov 29 j 02:39	2°♏30'30		direct	-330 May 16 j 17:03	20°♎56'09		
behind sun end	-333 Nov 30 j 17:07	4°♏31'33		greatest brilliancy	-330 May 29 j 22:34	23°♎59'35	-4.5m	
max. Earth dist.	-333 Dec 02 j 11:41	6°♏45'24	1.71058 AU		-330 Jun 09 j 15:48	0°♏		
	-333 Dec 20 j 23:33	0°♏		morning max el	-330 Jul 04 j 11:46	20°♏40'31	45°48'39	
evening rise	-332 Jan 10 j 19:51	26°♏06'57			-330 Jul 13 j 22:31	0°♏		
	-332 Jan 13 j 22:27	0°♎			-330 Aug 10 j 18:48	0°♏		
	-332 Feb 07 j 00:49	0°♏		asc. node	-330 Sep 02 j 00:30	25°♏42'46		
	-332 Mar 02 j 08:33	0°♎			-330 Sep 05 j 15:18	0°♏		
asc. node	-332 Mar 17 j 05:26	18°♎09'45			-330 Sep 30 j 11:00	0°♎		
	-332 Mar 26 j 23:53	0°♏			-330 Oct 24 j 16:57	0°♏		
	-332 Apr 21 j 01:43	0°♏			-330 Nov 17 j 16:22	0°♎		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-330 Dec 11 j 13:57	0°♊		desc. node	-327 Jun 08 j 09:24	13°♎44'27	
desc. node	-330 Dec 22 j 14:24	13°♊49'20		retrograde	-327 Jun 12 j 08:59	14°♎02'24	
morning set	-329 Jan 04 j 22:38	0°♌32'37		evening set	-327 Jun 27 j 22:38	9°♎25'02	
	-329 Jan 04 j 12:13	0°♌		inferior conj	-327 Jul 03 j 18:18	5°♎57'02	-5°-30'-25
	-329 Jan 28 j 12:18	0°♍		minimum elong	-327 Jul 03 j 08:32	6°♎12'09	5°28'12
				min. Earth dist.	-327 Jul 03 j 22:00	5°♎51'19	0.28755 AU
superior conj	-329 Feb 14 j 21:47	21°♍39'51	-1°-25'-7	morning rise	-327 Jul 08 j 18:09	2°♎56'13	
minimum elong	-329 Feb 14 j 20:21	21°♍35'26	1°25'08		-327 Jul 14 j 14:22	30°♎II	
max. Earth dist.	-329 Feb 18 j 22:17	26°♍39'36	1.72335 AU	direct	-327 Jul 25 j 09:07	27°♎II42'18	
	-329 Feb 21 j 14:50	0°♎			-327 Aug 05 j 15:45	0°♎	
	-329 Mar 17 j 20:30	0°♎		greatest brilliancy	-327 Aug 08 j 21:17	1°♎23'38	-4.5m
evening rise	-329 Mar 25 j 20:12	9°♎50'45		morning max el	-327 Sep 13 j 04:18	29°♎06'15	46°23'47
	-329 Apr 11 j 05:48	0°♏			-327 Sep 14 j 01:55	0°♏	
asc. node	-329 Apr 14 j 17:16	4°♏15'41		asc. node	-327 Sep 29 j 12:14	16°♏09'10	
	-329 May 05 j 19:06	0°♏			-327 Oct 11 j 22:12	0°♏	
	-329 May 30 j 12:53	0°♏			-327 Nov 06 j 11:54	0°♏	
	-329 Jun 24 j 12:35	0°♏			-327 Dec 01 j 04:04	0°♏	
	-329 Jul 19 j 21:32	0°♏			-327 Dec 25 j 11:54	0°♏	
desc. node	-329 Aug 04 j 07:04	17°♏51'40			-326 Jan 18 j 17:25	0°♏	
	-329 Aug 14 j 22:48	0°♏		desc. node	-326 Jan 19 j 02:20	0°♏27'36	
	-329 Sep 11 j 10:11	0°♏			-326 Feb 11 j 23:08	0°♏	
evening max el	-329 Sep 20 j 10:59	9°♏12'30	47°05'56		-326 Mar 08 j 06:02	0°♏	
	-329 Oct 13 j 18:02	0°♏		morning set	-326 Mar 20 j 07:28	14°♏51'54	
greatest brilliancy	-329 Oct 29 j 12:37	9°♏27'50	-4.7m		-326 Apr 01 j 14:27	0°♏	
retrograde	-329 Nov 09 j 23:00	11°♏55'31			-326 Apr 26 j 00:11	0°♏	
evening set	-329 Nov 24 j 07:10	7°♏50'05					
asc. node	-329 Nov 25 j 09:46	7°♏13'48		superior conj	-326 Apr 26 j 14:18	0°♏43'22	0°-35'-49
min. Earth dist.	-329 Nov 30 j 02:28	4°♏27'02	0.26388 AU	minimum elong	-326 Apr 26 j 21:11	1°♏04'28	0°35'31
inferior conj	-329 Nov 30 j 12:31	4°♏11'40	1°19'24	max. Earth dist.	-326 Apr 27 j 03:04	1°♏22'33	1.73583 AU
minimum elong	-329 Nov 30 j 09:32	4°♏16'14	1°18'26	asc. node	-326 May 12 j 05:08	19°♏54'01	
morning rise	-329 Dec 06 j 12:04	0°♏41'19			-326 May 20 j 10:36	0°♏	
	-329 Dec 07 j 19:55	30°♏III		evening rise	-326 Jun 01 j 22:20	15°♏II19'57	
direct	-329 Dec 20 j 18:32	26°♏35'56			-326 Jun 13 j 21:06	0°♏	
greatest brilliancy	-328 Jan 01 j 06:24	29°♏04'00	-4.7m		-326 Jul 08 j 07:41	0°♏	
	-328 Jan 03 j 09:32	0°♏			-326 Aug 01 j 19:24	0°♏	
morning max el	-328 Feb 08 j 19:57	28°♏51'52	46°35'08		-326 Aug 26 j 09:59	0°♏	
	-328 Feb 09 j 23:19	0°♏		desc. node	-326 Aug 31 j 19:04	6°♏31'45	
	-328 Mar 09 j 04:20	0°♏			-326 Sep 20 j 05:38	0°♏	
desc. node	-328 Mar 16 j 00:03	7°♏37'46			-326 Oct 15 j 10:20	0°♏	
	-328 Apr 04 j 14:16	0°♏			-326 Nov 10 j 10:37	0°♏	
	-328 Apr 30 j 06:21	0°♏		evening max el	-326 Dec 01 j 16:24	22°♏54'35	47°17'18
	-328 May 25 j 12:14	0°♏			-326 Dec 08 j 19:08	0°♏	
	-328 Jun 19 j 10:07	0°♏		asc. node	-326 Dec 22 j 21:45	12°♏38'16	
asc. node	-328 Jul 07 j 02:48	21°♏32'36		greatest brilliancy	-325 Jan 07 j 20:47	23°♏10'52	-4.6m
	-328 Jul 14 j 00:25	0°♏		retrograde	-325 Jan 21 j 15:59	26°♏42'14	
morning set	-328 Aug 05 j 15:37	27°♏55'59		evening set	-325 Feb 08 j 08:00	20°♏34'06	
	-328 Aug 07 j 07:36	0°♏		min. Earth dist.	-325 Feb 10 j 22:06	18°♏57'07	0.28063 AU
	-328 Aug 31 j 09:11	0°♏		inferior conj	-325 Feb 11 j 16:19	18°♏28'19	8°35'13
max. Earth dist.	-328 Sep 09 j 02:34	10°♏55'21	1.71684 AU	minimum elong	-325 Feb 11 j 14:09	18°♏31'45	8°35'09
				morning rise	-325 Feb 14 j 20:35	16°♏29'27	
superior conj	-328 Sep 12 j 00:00	14°♏33'00	1°20'28	direct	-325 Mar 04 j 14:59	10°♏26'19	
minimum elong	-328 Sep 12 j 05:58	14°♏51'40	1°20'23	greatest brilliancy	-325 Mar 15 j 11:22	12°♏36'20	-4.5m
	-328 Sep 24 j 07:31	0°♏			-325 Apr 10 j 19:49	0°♏	
	-328 Oct 18 j 04:50	0°♏		desc. node	-325 Apr 13 j 11:36	2°♏19'20	
evening rise	-328 Oct 21 j 17:18	4°♏25'13		morning max el	-325 Apr 22 j 16:33	10°♏50'28	45°54'49
desc. node	-328 Oct 26 j 16:49	10°♏40'15			-325 May 11 j 14:37	0°♏	
	-328 Nov 11 j 02:37	0°♏			-325 Jun 07 j 22:56	0°♏	
	-328 Dec 05 j 01:58	0°♏			-325 Jul 03 j 23:26	0°♏	
	-328 Dec 29 j 04:26	0°♏			-325 Jul 29 j 04:38	0°♏	
	-327 Jan 22 j 13:09	0°♏		asc. node	-325 Aug 04 j 14:41	7°♏45'31	
	-327 Feb 16 j 09:25	0°♏			-325 Aug 22 j 19:37	0°♏	
asc. node	-327 Feb 16 j 19:32	0°♏30'08			-325 Sep 16 j 00:20	0°♏	
	-327 Mar 14 j 02:02	0°♏			-325 Oct 09 j 22:47	0°♏	
	-327 Apr 10 j 10:07	0°♏		morning set	-325 Oct 17 j 11:14	9°♏27'43	
evening max el	-327 Apr 24 j 21:38	14°♏32'20	45°17'38		-325 Nov 02 j 18:33	0°♏	
	-327 May 12 j 13:03	0°♏		desc. node	-325 Nov 24 j 04:41	26°♏59'22	
greatest brilliancy	-327 May 29 j 18:10	10°♏49'02	-4.5m		-325 Nov 26 j 14:05	0°♏	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-325 Nov 27 j 10:21	1°♂03'46	0°-7'-41	morning rise	-322 Apr 28 j 22:31	23°♀21'46	
minimum elong	-325 Nov 27 j 08:16	0°♂57'11	0°07'37	desc. node	-322 May 10 j 23:32	19°♀00'01	
behind sun begin	-325 Nov 26 j 08:18	29°♂41'47		direct	-322 May 14 j 08:43	18°♀46'34	
behind sun end	-325 Nov 28 j 08:13	2°♂12'35		greatest brilliancy	-322 May 27 j 14:25	21°♀49'51	-4.5m
max. Earth dist.	-325 Nov 29 j 17:16	3°♂56'33	1.71039 AU		-322 Jun 10 j 10:30	0°♂	
	-325 Dec 20 j 10:49	0°♂		morning max el	-322 Jul 02 j 03:29	18°♂29'40	45°48'13
evening rise	-324 Jan 08 j 06:07	23°♂33'41			-322 Jul 13 j 17:36	0°♂	
	-324 Jan 13 j 09:44	0°♂			-322 Aug 10 j 09:29	0°♂	
	-324 Feb 06 j 12:12	0°♂		asc. node	-322 Sep 01 j 02:30	25°♂09'48	
	-324 Mar 01 j 20:06	0°♀			-322 Sep 05 j 04:15	0°♂	
asc. node	-324 Mar 16 j 07:25	17°♀40'09			-322 Sep 29 j 23:07	0°♂	
	-324 Mar 26 j 11:46	0°♂			-322 Oct 24 j 04:38	0°♂	
	-324 Apr 20 j 14:18	0°♂			-322 Nov 17 j 03:50	0°♂	
	-324 May 16 j 08:57	0°♂			-322 Dec 11 j 01:17	0°♂	
	-324 Jun 12 j 08:17	0°♂		desc. node	-322 Dec 21 j 16:34	13°♂20'46	
evening max el	-324 Jul 05 j 13:31	23°♂44'18	45°47'59	morning set	-321 Jan 02 j 08:18	27°♂57'24	
desc. node	-324 Jul 05 j 21:19	24°♂02'57			-321 Jan 03 j 23:27	0°♂	
	-324 Jul 12 j 06:40	0°♂			-321 Jan 27 j 23:24	0°♂	
greatest brilliancy	-324 Aug 13 j 00:42	21°♂49'51	-4.6m				
retrograde	-324 Aug 23 j 14:27	23°♂50'19		superior conj	-321 Feb 12 j 10:25	19°♂15'40	-1°-24'-48
evening set	-324 Sep 10 j 06:44	18°♂02'14		minimum elong	-321 Feb 12 j 08:02	19°♂08'17	1°24'49
inferior conj	-324 Sep 13 j 12:23	16°♂05'10	-8°-23'-49	max. Earth dist.	-321 Feb 16 j 09:37	24°♂11'35	1.72277 AU
minimum elong	-324 Sep 13 j 19:04	15°♂54'57	8°23'09		-321 Feb 21 j 01:50	0°♂	
min. Earth dist.	-324 Sep 14 j 07:28	15°♂36'00	0.27424 AU		-321 Mar 17 j 07:26	0°♀	
morning rise	-324 Sep 17 j 07:09	13°♂48'20		evening rise	-321 Mar 23 j 11:21	7°♀35'55	
direct	-324 Oct 04 j 10:35	8°♂11'48			-321 Apr 10 j 16:49	0°♂	
greatest brilliancy	-324 Oct 18 j 05:55	11°♂40'52	-4.7m	asc. node	-321 Apr 13 j 19:19	3°♂48'13	
asc. node	-324 Oct 26 j 23:58	16°♂48'01			-321 May 05 j 06:20	0°♂	
	-324 Nov 12 j 05:37	0°♂			-321 May 30 j 00:31	0°♂	
morning max el	-324 Nov 24 j 04:55	11°♂40'35	46°55'13		-321 Jun 24 j 00:54	0°♂	
	-324 Dec 11 j 07:45	0°♂			-321 Jul 19 j 11:02	0°♂	
	-323 Jan 06 j 11:50	0°♂		desc. node	-321 Aug 03 j 09:08	17°♂15'40	
	-323 Jan 31 j 18:08	0°♂			-321 Aug 14 j 14:27	0°♂	
desc. node	-323 Feb 15 j 14:14	17°♂49'55			-321 Sep 11 j 06:56	0°♂	
	-323 Feb 25 j 16:09	0°♂		evening max el	-321 Sep 18 j 00:06	6°♂47'39	47°03'57
	-323 Mar 22 j 10:40	0°♂			-321 Oct 14 j 16:12	0°♂	
	-323 Apr 16 j 03:21	0°♀		greatest brilliancy	-321 Oct 27 j 01:52	6°♂59'01	-4.7m
	-323 May 10 j 18:23	0°♂		retrograde	-321 Nov 07 j 11:42	9°♂26'02	
morning set	-323 May 27 j 13:31	20°♂31'42		evening set	-321 Nov 21 j 19:32	5°♂20'20	
	-323 Jun 04 j 07:06	0°♂		asc. node	-321 Nov 24 j 11:54	3°♂50'05	
asc. node	-323 Jun 08 j 17:04	5°♂24'55		min. Earth dist.	-321 Nov 27 j 15:55	1°♂55'58	0.26373 AU
	-323 Jun 28 j 16:41	0°♂		inferior conj	-321 Nov 28 j 00:42	1°♂42'35	0°55'00
max. Earth dist.	-323 Jun 29 j 09:28	0°♂51'46	1.73253 AU	minimum elong	-321 Nov 27 j 22:37	1°♂45'45	0°54'19
					-321 Nov 30 j 20:38	30°♂♂	
superior conj	-323 Jul 02 j 18:52	5°♂02'51	0°52'51	morning rise	-321 Dec 04 j 01:53	28°♂10'40	
minimum elong	-323 Jul 02 j 10:27	4°♂36'52	0°52'32	direct	-321 Dec 18 j 06:58	24°♂06'54	
	-323 Jul 22 j 22:58	0°♂		greatest brilliancy	-321 Dec 29 j 20:45	26°♂37'40	-4.7m
evening rise	-323 Aug 07 j 18:41	19°♂38'09			-320 Jan 05 j 14:00	0°♂	
	-323 Aug 16 j 02:50	0°♂		morning max el	-320 Feb 06 j 10:16	26°♂30'27	46°36'30
	-323 Sep 09 j 05:51	0°♂			-320 Feb 09 j 21:44	0°♂	
desc. node	-323 Sep 28 j 06:58	23°♂39'59			-320 Mar 08 j 20:30	0°♂	
	-323 Oct 03 j 09:28	0°♂		desc. node	-320 Mar 15 j 02:00	6°♂59'51	
	-323 Oct 27 j 15:01	0°♂			-320 Apr 04 j 03:57	0°♂	
	-323 Nov 21 j 00:28	0°♂			-320 Apr 29 j 18:45	0°♀	
	-323 Dec 15 j 18:30	0°♂			-320 May 24 j 23:52	0°♂	
	-322 Jan 10 j 07:53	0°♂			-320 Jun 18 j 21:19	0°♂	
asc. node	-322 Jan 19 j 09:37	10°♂14'35		asc. node	-320 Jul 06 j 04:51	21°♂05'15	
	-322 Feb 06 j 20:34	0°♀			-320 Jul 13 j 11:22	0°♂	
evening max el	-322 Feb 10 j 20:23	4°♀01'02	46°07'42	morning set	-320 Aug 03 j 08:13	25°♂45'01	
	-322 Mar 14 j 16:32	0°♂			-320 Aug 06 j 18:27	0°♂	
greatest brilliancy	-322 Mar 17 j 15:17	1°♂32'39	-4.5m		-320 Aug 30 j 20:02	0°♂	
retrograde	-322 Apr 01 j 07:54	5°♂22'45		max. Earth dist.	-320 Sep 06 j 15:04	8°♂30'07	1.71729 AU
evening set	-322 Apr 17 j 06:49	0°♂27'47					
	-322 Apr 18 j 02:02	30°♂♀		superior conj	-320 Sep 09 j 14:43	12°♂14'34	1°21'29
inferior conj	-322 Apr 22 j 18:49	27°♀06'09	4°04'33	minimum elong	-320 Sep 09 j 19:56	12°♂30'55	1°21'25
minimum elong	-322 Apr 23 j 02:40	26°♀53'44	4°02'32		-320 Sep 23 j 18:26	0°♂	
min. Earth dist.	-322 Apr 23 j 01:08	26°♀56'10	0.29002 AU		-320 Oct 17 j 15:51	0°♂	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-320 Oct 19 j 04:27	1° \mathbb{M} 54'54		morning max el	-317 Apr 20 j 06:42	8° \mathbb{H} 35'09	45°55'39
desc. node	-320 Oct 25 j 18:57	10° \mathbb{M} 12'19			-317 May 11 j 07:42	0° \mathbb{Y}	
	-320 Nov 10 j 13:46	0° \mathbb{Z}			-317 Jun 07 j 12:45	0° \mathbb{B}	
	-320 Dec 04 j 13:15	0° \mathbb{Z}			-317 Jul 03 j 11:46	0° \mathbb{H}	
	-320 Dec 28 j 15:57	0° \approx			-317 Jul 28 j 16:12	0° \mathbb{S}	
	-319 Jan 22 j 01:04	0° \mathbb{H}		asc. node	-317 Aug 03 j 16:40	7° \mathbb{S} 16'49	
asc. node	-319 Feb 15 j 21:28	29° \mathbb{H} 58'09			-317 Aug 22 j 06:47	0° \mathbb{Q}	
	-319 Feb 15 j 22:05	0° \mathbb{Y}			-317 Sep 15 j 11:20	0° \mathbb{M}	
	-319 Mar 13 j 16:17	0° \mathbb{B}			-317 Oct 09 j 09:44	0° \mathbb{L}	
	-319 Apr 10 j 04:17	0° \mathbb{H}		morning set	-317 Oct 14 j 23:26	7° \mathbb{L} 00'36	
evening max el	-319 Apr 22 j 14:09	12° \mathbb{H} 23'45	45°18'05		-317 Nov 02 j 05:29	0° \mathbb{M}	
	-319 May 13 j 01:34	0° \mathbb{S}		desc. node	-317 Nov 23 j 06:49	26° \mathbb{M} 31'40	
greatest brilliancy	-319 May 27 j 08:18	8° \mathbb{S} 37'25	-4.5m				
desc. node	-319 Jun 07 j 11:32	11° \mathbb{S} 44'39		superior conj	-317 Nov 24 j 19:46	28° \mathbb{M} 27'57	0°-3'-40
retrograde	-319 Jun 10 j 00:50	11° \mathbb{S} 52'04		minimum elong	-317 Nov 24 j 18:46	28° \mathbb{M} 24'47	0°03'39
evening set	-319 Jun 25 j 12:10	7° \mathbb{S} 17'48		behind sun begin	-317 Nov 23 j 16:33	27° \mathbb{M} 02'19	
inferior conj	-319 Jul 01 j 10:02	3° \mathbb{S} 46'15	-5°-14'-23	behind sun end	-317 Nov 25 j 20:58	29° \mathbb{M} 47'15	
minimum elong	-319 Jul 01 j 00:29	4° \mathbb{S} 01'02	5°12'10		-317 Nov 26 j 01:01	0° \mathbb{Z}	
min. Earth dist.	-319 Jul 01 j 13:17	3° \mathbb{S} 41'12	0.28776 AU	max. Earth dist.	-317 Nov 26 j 19:04	0° \mathbb{Z} 56'49	1.71022 AU
morning rise	-319 Jul 06 j 12:35	0° \mathbb{S} 41'23			-317 Dec 19 j 21:44	0° \mathbb{Z}	
	-319 Jul 07 j 18:14	30° \mathbb{R} \mathbb{H}		evening rise	-316 Jan 05 j 16:28	21° \mathbb{Z} 01'43	
direct	-319 Jul 23 j 01:39	25° \mathbb{H} 31'21			-316 Jan 12 j 20:40	0° \approx	
greatest brilliancy	-319 Aug 06 j 12:00	29° \mathbb{H} 10'41	-4.5m		-316 Feb 05 j 23:10	0° \mathbb{H}	
	-319 Aug 08 j 03:55	0° \mathbb{S}			-316 Mar 01 j 07:12	0° \mathbb{Y}	
morning max el	-319 Sep 10 j 19:37	26° \mathbb{S} 51'07	46°22'15	asc. node	-316 Mar 15 j 09:31	17° \mathbb{Y} 12'15	
	-319 Sep 13 j 23:07	0° \mathbb{Q}			-316 Mar 25 j 23:14	0° \mathbb{B}	
asc. node	-319 Sep 28 j 14:18	15° \mathbb{Q} 27'14			-316 Apr 20 j 02:30	0° \mathbb{H}	
	-319 Oct 11 j 13:44	0° \mathbb{M}			-316 May 15 j 22:38	0° \mathbb{S}	
	-319 Nov 06 j 01:22	0° \mathbb{L}			-316 Jun 12 j 01:13	0° \mathbb{Q}	
	-319 Nov 30 j 16:32	0° \mathbb{M}		evening max el	-316 Jul 03 j 02:08	21° \mathbb{Q} 24'02	45°45'40
	-319 Dec 24 j 23:45	0° \mathbb{Z}		desc. node	-316 Jul 04 j 23:22	23° \mathbb{Q} 11'34	
desc. node	-318 Jan 18 j 04:22	29° \mathbb{Z} 58'36			-316 Jul 12 j 10:10	0° \mathbb{M}	
	-318 Jan 18 j 04:49	0° \mathbb{Z}		greatest brilliancy	-316 Aug 10 j 12:46	19° \mathbb{M} 28'29	-4.5m
	-318 Feb 11 j 10:14	0° \approx		retrograde	-316 Aug 21 j 02:50	21° \mathbb{M} 29'41	
	-318 Mar 07 j 16:55	0° \mathbb{H}		evening set	-316 Sep 07 j 21:51	15° \mathbb{M} 38'15	
morning set	-318 Mar 17 j 23:04	12° \mathbb{H} 38'49		inferior conj	-316 Sep 11 j 01:48	13° \mathbb{M} 43'49	-8°-30'-6
	-318 Apr 01 j 01:11	0° \mathbb{Y}		minimum elong	-316 Sep 11 j 07:43	13° \mathbb{M} 34'45	8°29'36
				min. Earth dist.	-316 Sep 11 j 21:01	13° \mathbb{M} 14'26	0.27490 AU
superior conj	-318 Apr 24 j 07:46	28° \mathbb{Y} 36'51	0°-38'-42	morning rise	-316 Sep 14 j 17:19	11° \mathbb{M} 31'40	
minimum elong	-318 Apr 24 j 15:05	28° \mathbb{Y} 59'20	0°38'24	direct	-316 Oct 02 j 00:06	5° \mathbb{M} 49'08	
max. Earth dist.	-318 Apr 25 j 01:46	29° \mathbb{Y} 32'10	1.73563 AU	greatest brilliancy	-316 Oct 15 j 22:21	9° \mathbb{M} 20'50	-4.6m
	-318 Apr 25 j 10:50	0° \mathbb{B}		asc. node	-316 Oct 26 j 02:09	15° \mathbb{M} 27'25	
asc. node	-318 May 11 j 07:18	19° \mathbb{B} 28'02			-316 Nov 12 j 09:19	0° \mathbb{L}	
	-318 May 19 j 21:15	0° \mathbb{H}		morning max el	-316 Nov 21 j 18:12	9° \mathbb{L} 14'27	46°54'55
evening rise	-318 May 30 j 17:15	13° \mathbb{H} 17'55			-316 Dec 11 j 01:24	0° \mathbb{M}	
	-318 Jun 13 j 07:51	0° \mathbb{S}			-315 Jan 06 j 02:22	0° \mathbb{Z}	
	-318 Jul 07 j 18:43	0° \mathbb{Q}			-315 Jan 31 j 07:08	0° \mathbb{Z}	
	-318 Aug 01 j 06:52	0° \mathbb{M}		desc. node	-315 Feb 14 j 16:11	17° \mathbb{Z} 18'22	
	-318 Aug 25 j 22:04	0° \mathbb{L}			-315 Feb 25 j 04:14	0° \approx	
desc. node	-318 Aug 30 j 21:04	6° \mathbb{L} 00'42			-315 Mar 21 j 22:07	0° \mathbb{H}	
	-318 Sep 19 j 18:36	0° \mathbb{M}			-315 Apr 15 j 14:21	0° \mathbb{Y}	
	-318 Oct 15 j 00:41	0° \mathbb{Z}			-315 May 10 j 05:06	0° \mathbb{B}	
	-318 Nov 10 j 03:43	0° \mathbb{Z}		morning set	-315 May 25 j 08:09	18° \mathbb{B} 29'17	
evening max el	-318 Nov 29 j 07:54	20° \mathbb{Z} 35'31	47°18'42		-315 Jun 03 j 17:41	0° \mathbb{H}	
	-318 Dec 08 j 20:37	0° \approx		asc. node	-315 Jun 07 j 19:06	4° \mathbb{H} 58'41	
asc. node	-318 Dec 21 j 23:50	11° \approx 28'26		max. Earth dist.	-315 Jun 27 j 06:49	28° \mathbb{H} 56'58	1.73297 AU
greatest brilliancy	-317 Jan 05 j 14:54	20° \approx 55'59	-4.6m		-315 Jun 28 j 03:16	0° \mathbb{S}	
retrograde	-317 Jan 19 j 07:27	24° \approx 24'04					
evening set	-317 Feb 05 j 21:29	18° \approx 19'28		superior conj	-315 Jun 30 j 13:30	2° \mathbb{S} 59'34	0°50'23
min. Earth dist.	-317 Feb 08 j 12:12	16° \approx 41'28	0.27997 AU	minimum elong	-315 Jun 30 j 05:15	2° \mathbb{S} 34'08	0°50'04
inferior conj	-317 Feb 09 j 07:24	16° \approx 11'03	8°33'03		-315 Jul 22 j 09:39	0° \mathbb{Q}	
minimum elong	-317 Feb 09 j 04:26	16° \approx 15'44	8°32'55	evening rise	-315 Aug 05 j 12:01	17° \mathbb{Q} 29'31	
morning rise	-317 Feb 12 j 11:42	14° \approx 12'02			-315 Aug 15 j 13:42	0° \mathbb{M}	
direct	-317 Mar 02 j 05:34	8° \approx 10'26			-315 Sep 08 j 16:57	0° \mathbb{L}	
greatest brilliancy	-317 Mar 12 j 23:32	10° \approx 18'03	-4.5m	desc. node	-315 Sep 27 j 09:07	23° \mathbb{L} 11'26	
	-317 Apr 11 j 00:06	0° \mathbb{H}			-315 Oct 02 j 20:54	0° \mathbb{M}	
desc. node	-317 Apr 12 j 13:49	1° \mathbb{H} 24'15			-315 Oct 27 j 02:53	0° \mathbb{Z}	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-315 Nov 20 j 12:56	0°☾				-312 Apr 29 j 07:06	0°☿		
	-315 Dec 15 j 07:54	0°♊				-312 May 24 j 11:29	0°♈		
	-314 Jan 09 j 23:09	0°♋				-312 Jun 18 j 08:30	0°♊		
asc. node	-314 Jan 18 j 11:37	9°♋34'40			asc. node	-312 Jul 05 j 06:55	20°♊37'59		
	-314 Feb 06 j 17:00	0°☿				-312 Jul 12 j 22:18	0°♊		
evening max el	-314 Feb 08 j 11:07	1°☿45'18	46°10'32		morning set	-312 Aug 01 j 01:19	23°♊35'42		
greatest brilliancy	-314 Mar 15 j 07:01	29°☿22'52	-4.5m			-312 Aug 06 j 05:18	0°♊		
	-314 Mar 16 j 14:30	0°♈				-312 Aug 30 j 06:55	0°♊		
retrograde	-314 Mar 30 j 01:04	3°♈15'12			max. Earth dist.	-312 Sep 04 j 02:16	6°♊00'45	1.71784 AU	
	-314 Apr 11 j 20:09	30°♈☿							
evening set	-314 Apr 15 j 01:52	28°☿16'21			superior conj	-312 Sep 07 j 05:50	9°♊57'20	1°22'20	
inferior conj	-314 Apr 20 j 11:35	24°☿58'08	4°21'23		minimum elong	-312 Sep 07 j 10:18	10°♊11'18	1°22'18	
minimum elong	-314 Apr 20 j 19:49	24°☿45'08	4°19'20			-312 Sep 23 j 05:27	0°♊		
min. Earth dist.	-314 Apr 20 j 17:39	24°☿48'32	0.28995 AU		evening rise	-312 Oct 16 j 15:36	29°♊24'07		
morning rise	-314 Apr 26 j 13:46	21°☿16'05				-312 Oct 17 j 03:02	0°♊		
desc. node	-314 May 10 j 01:35	16°☿43'05			desc. node	-312 Oct 24 j 21:05	9°♊43'49		
direct	-314 May 12 j 00:53	16°☿38'32				-312 Nov 10 j 01:06	0°♊		
greatest brilliancy	-314 May 25 j 06:18	19°☿41'42	-4.5m			-312 Dec 04 j 00:45	0°♊		
	-314 Jun 10 j 23:49	0°♈				-312 Dec 28 j 03:41	0°♊		
morning max el	-314 Jun 29 j 20:12	16°♈22'22	45°47'39			-311 Jan 21 j 13:13	0°♋		
	-314 Jul 13 j 11:51	0°♊			asc. node	-311 Feb 14 j 23:36	29°♋26'06		
	-314 Aug 09 j 23:46	0°♊				-311 Feb 15 j 11:02	0°☿		
asc. node	-314 Aug 31 j 04:35	24°♊37'46				-311 Mar 13 j 06:52	0°♈		
	-314 Sep 04 j 16:59	0°♊				-311 Apr 09 j 23:06	0°♊		
	-314 Sep 29 j 11:05	0°♊			evening max el	-311 Apr 20 j 06:36	10°♊14'31	45°18'38	
	-314 Oct 23 j 16:12	0°♊				-311 May 13 j 18:30	0°♊		
	-314 Nov 16 j 15:10	0°♊			greatest brilliancy	-311 May 24 j 23:25	6°♊27'00	-4.5m	
	-314 Dec 10 j 12:28	0°♊			desc. node	-311 Jun 06 j 13:34	9°♊40'45		
desc. node	-314 Dec 20 j 18:33	12°♊52'05			retrograde	-311 Jun 07 j 16:24	9°♊42'10		
morning set	-314 Dec 30 j 17:55	25°♊22'24			evening set	-311 Jun 23 j 02:10	5°♊10'53		
	-313 Jan 03 j 10:32	0°♊			inferior conj	-311 Jun 29 j 02:04	1°♊36'10	-4°-58'-7	
	-313 Jan 27 j 10:23	0°♊			minimum elong	-311 Jun 28 j 16:47	1°♊50'35	4°55'53	
					min. Earth dist.	-311 Jun 29 j 05:13	1°♊31'17	0.28793 AU	
superior conj	-313 Feb 09 j 22:55	16°♊51'15	-1°-24'-21			-311 Jul 01 j 16:24	30°♊♊		
minimum elong	-313 Feb 09 j 19:36	16°♊40'56	1°24'21		morning rise	-311 Jul 04 j 07:11	28°♊27'14		
max. Earth dist.	-313 Feb 13 j 20:42	21°♊42'55	1.72221 AU		direct	-311 Jul 20 j 18:05	23°♊21'08		
	-313 Feb 20 j 12:43	0°♋			greatest brilliancy	-311 Aug 04 j 02:12	26°♊57'26	-4.5m	
	-313 Mar 16 j 18:17	0°☿				-311 Aug 09 j 17:41	0°♊		
evening rise	-313 Mar 21 j 02:35	5°☿21'32			morning max el	-311 Sep 08 j 10:07	24°♊33'59	46°20'37	
	-313 Apr 10 j 03:43	0°♈				-311 Sep 13 j 19:38	0°♊		
asc. node	-313 Apr 12 j 21:32	3°♈21'34			asc. node	-311 Sep 27 j 16:31	14°♊46'00		
	-313 May 04 j 17:26	0°♊				-311 Oct 11 j 05:09	0°♊		
	-313 May 29 j 12:02	0°♊				-311 Nov 05 j 14:56	0°♊		
	-313 Jun 23 j 13:08	0°♊				-311 Nov 30 j 05:12	0°♊		
	-313 Jul 19 j 00:32	0°♊				-311 Dec 24 j 11:53	0°♊		
desc. node	-313 Aug 02 j 11:07	16°♊39'22			desc. node	-310 Jan 17 j 06:27	29°♊28'40		
	-313 Aug 14 j 06:21	0°♊				-310 Jan 17 j 16:34	0°♊		
	-313 Sep 11 j 04:29	0°♊				-310 Feb 10 j 21:40	0°♊		
evening max el	-313 Sep 15 j 14:17	4°♊25'25	47°01'44			-310 Mar 07 j 04:07	0°♋		
	-313 Oct 15 j 22:57	0°♊			morning set	-310 Mar 15 j 14:15	10°♋23'29		
greatest brilliancy	-313 Oct 24 j 15:04	4°♊29'51	-4.7m			-310 Mar 31 j 12:13	0°☿		
retrograde	-313 Nov 05 j 00:37	6°♊55'48							
evening set	-313 Nov 19 j 08:05	2°♊49'53			superior conj	-310 Apr 22 j 01:05	26°☿29'03	0°-41'-33	
asc. node	-313 Nov 23 j 13:56	0°♊23'50			minimum elong	-310 Apr 22 j 08:50	26°☿52'49	0°41'14	
	-313 Nov 24 j 05:43	30°♊♊			max. Earth dist.	-310 Apr 22 j 23:20	27°☿37'22	1.73538 AU	
min. Earth dist.	-313 Nov 25 j 05:06	29°♊24'27	0.26359 AU			-310 Apr 24 j 21:46	0°♈		
inferior conj	-313 Nov 25 j 12:45	29°♊12'50	0°30'26		asc. node	-310 May 10 j 09:19	19°♈00'43		
minimum elong	-313 Nov 25 j 11:35	29°♊14'36	0°30'03			-310 May 19 j 08:11	0°♊		
morning rise	-313 Dec 01 j 15:20	25°♊39'34			evening rise	-310 May 28 j 12:14	11°♊15'06		
direct	-313 Dec 15 j 19:38	21°♊37'28				-310 Jun 12 j 18:54	0°♊		
greatest brilliancy	-313 Dec 27 j 10:06	24°♊09'38	-4.7m			-310 Jul 07 j 06:01	0°♊		
	-312 Jan 07 j 00:48	0°♊				-310 Jul 31 j 18:35	0°♊		
morning max el	-312 Feb 04 j 00:30	24°♊08'35	46°37'49			-310 Aug 25 j 10:24	0°♊		
	-312 Feb 09 j 19:21	0°♊			desc. node	-310 Aug 29 j 23:16	5°♊29'39		
	-312 Mar 08 j 12:24	0°♊				-310 Sep 19 j 07:51	0°♊		
desc. node	-312 Mar 14 j 04:12	6°♊22'54				-310 Oct 14 j 15:27	0°♊		
	-312 Apr 03 j 17:32	0°♋				-310 Nov 09 j 21:33	0°♊		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-310 Nov 26 j 22:23	18° $\overline{3}$ 12'27	47°19'42	morning set	-307 May 23 j 02:26	16° $\overline{8}$ 24'27	
	-310 Dec 09 j 00:12	0° \approx			-307 Jun 03 j 04:42	0° $\overline{\text{II}}$	
asc. node	-310 Dec 21 j 01:52	10° \approx 14'46		asc. node	-307 Jun 06 j 21:08	4° $\overline{\text{II}}$ 31'12	
greatest brilliancy	-309 Jan 03 j 09:00	18° \approx 38'46	-4.7m	max. Earth dist.	-307 Jun 25 j 05:20	27° $\overline{\text{II}}$ 04'33	1.73335 AU
retrograde	-309 Jan 16 j 22:14	22° \approx 03'18			-307 Jun 27 j 14:15	0° $\overline{\text{S}}$	
evening set	-309 Feb 03 j 10:17	16° \approx 02'50					
min. Earth dist.	-309 Feb 06 j 02:27	14° \approx 22'38	0.27932 AU	superior conj	-307 Jun 28 j 07:51	0° $\overline{\text{S}}$ 54'16	0°47'50
inferior conj	-309 Feb 06 j 22:12	13° \approx 51'21	8°29'59	minimum elong	-307 Jun 27 j 23:50	0° $\overline{\text{S}}$ 29'31	0°47'31
minimum elong	-309 Feb 06 j 18:27	13° \approx 57'18	8°29'46		-307 Jul 21 j 20:43	0° $\overline{\Omega}$	
morning rise	-309 Feb 10 j 02:55	11° \approx 51'35		evening rise	-307 Aug 03 j 05:24	15° $\overline{\Omega}$ 19'53	
direct	-309 Feb 27 j 19:19	5° \approx 51'54			-307 Aug 15 j 00:56	0° $\overline{\eta}$	
greatest brilliancy	-309 Mar 10 j 12:32	7° \approx 58'22	-4.5m		-307 Sep 08 j 04:25	0° $\overline{\Omega}$	
	-309 Apr 11 j 03:25	0° $\overline{\text{X}}$		desc. node	-307 Sep 26 j 11:11	22° $\overline{\Omega}$ 41'30	
desc. node	-309 Apr 11 j 15:55	0° $\overline{\text{X}}$ 28'31			-307 Oct 02 j 08:41	0° $\overline{\text{M}}$	
morning max el	-309 Apr 17 j 20:07	6° $\overline{\text{X}}$ 16'22	45°56'43		-307 Oct 26 j 15:04	0° $\overline{\text{X}}$	
	-309 May 11 j 00:55	0° $\overline{\text{Y}}$			-307 Nov 20 j 01:41	0° $\overline{\text{S}}$	
	-309 Jun 07 j 02:51	0° $\overline{\text{X}}$			-307 Dec 14 j 21:36	0° \approx	
	-309 Jul 03 j 00:25	0° $\overline{\text{II}}$			-306 Jan 09 j 14:52	0° $\overline{\text{X}}$	
	-309 Jul 28 j 04:05	0° $\overline{\text{S}}$		asc. node	-306 Jan 17 j 13:46	8° $\overline{\text{X}}$ 53'59	
asc. node	-309 Aug 02 j 18:47	6° $\overline{\text{S}}$ 47'32		evening max el	-306 Feb 06 j 02:39	29° $\overline{\text{X}}$ 30'36	46°13'08
	-309 Aug 21 j 18:16	0° $\overline{\Omega}$			-306 Feb 06 j 14:30	0° $\overline{\text{Y}}$	
greatest brilliancy	-309 Sep 06 j 06:14	19° $\overline{\Omega}$ 10'46	-3.9m	greatest brilliancy	-306 Mar 12 j 22:51	27° $\overline{\text{Y}}$ 11'47	-4.5m
	-309 Sep 14 j 22:37	0° $\overline{\eta}$			-306 Mar 20 j 03:56	0° $\overline{\text{X}}$	
	-309 Oct 08 j 20:57	0° $\overline{\Omega}$		retrograde	-306 Mar 27 j 18:21	1° $\overline{\text{X}}$ 05'39	
morning set	-309 Oct 12 j 12:17	4° $\overline{\Omega}$ 34'43			-306 Apr 04 j 02:22	30° $\overline{\text{R}}$ $\overline{\text{Y}}$	
	-309 Nov 01 j 16:41	0° $\overline{\text{M}}$		evening set	-306 Apr 12 j 20:49	26° $\overline{\text{Y}}$ 02'55	
superior conj	-309 Nov 22 j 05:34	25° $\overline{\text{M}}$ 52'26	0°00'20	inferior conj	-306 Apr 18 j 04:07	22° $\overline{\text{Y}}$ 48'04	4°38'04
minimum elong	-309 Nov 22 j 05:38	25° $\overline{\text{M}}$ 52'39	0°00'20	minimum elong	-306 Apr 18 j 12:41	22° $\overline{\text{Y}}$ 34'34	4°36'00
behind sun begin	-309 Nov 21 j 03:03	24° $\overline{\text{M}}$ 28'58		min. Earth dist.	-306 Apr 18 j 09:41	22° $\overline{\text{Y}}$ 39'16	0.28992 AU
behind sun end	-309 Nov 23 j 08:13	27° $\overline{\text{M}}$ 16'20		morning rise	-306 Apr 24 j 04:38	19° $\overline{\text{Y}}$ 08'40	
desc. node	-309 Nov 22 j 08:50	26° $\overline{\text{M}}$ 02'44		desc. node	-306 May 09 j 03:36	14° $\overline{\text{Y}}$ 28'56	
max. Earth dist.	-309 Nov 23 j 21:32	27° $\overline{\text{M}}$ 58'12	1.71015 AU	direct	-306 May 09 j 17:16	14° $\overline{\text{Y}}$ 28'33	
	-309 Nov 25 j 12:14	0° $\overline{\text{X}}$		greatest brilliancy	-306 May 22 j 21:22	17° $\overline{\text{Y}}$ 30'54	-4.5m
	-309 Dec 19 j 09:00	0° $\overline{\text{S}}$			-306 Jun 11 j 10:27	0° $\overline{\text{X}}$	
evening rise	-308 Jan 03 j 02:41	18° $\overline{\text{S}}$ 28'07		morning max el	-306 Jun 27 j 13:23	14° $\overline{\text{X}}$ 14'56	45°47'09
	-308 Jan 12 j 08:00	0° \approx			-306 Jul 13 j 06:08	0° $\overline{\text{II}}$	
	-308 Feb 05 j 10:35	0° $\overline{\text{X}}$			-306 Aug 09 j 14:17	0° $\overline{\text{S}}$	
	-308 Feb 29 j 18:48	0° $\overline{\text{Y}}$		asc. node	-306 Aug 30 j 06:46	24° $\overline{\text{S}}$ 05'15	
asc. node	-308 Mar 14 j 11:40	16° $\overline{\text{Y}}$ 42'56			-306 Sep 04 j 05:57	0° $\overline{\Omega}$	
	-308 Mar 25 j 11:13	0° $\overline{\text{X}}$			-306 Sep 28 j 23:17	0° $\overline{\eta}$	
	-308 Apr 19 j 15:16	0° $\overline{\text{II}}$			-306 Oct 23 j 03:59	0° $\overline{\Omega}$	
	-308 May 15 j 12:58	0° $\overline{\text{S}}$			-306 Nov 16 j 02:43	0° $\overline{\text{M}}$	
	-308 Jun 11 j 19:02	0° $\overline{\Omega}$		desc. node	-306 Dec 09 j 23:52	0° $\overline{\text{X}}$	
evening max el	-308 Jun 30 j 15:03	19° $\overline{\Omega}$ 03'27	45°43'34	morning set	-306 Dec 19 j 20:39	12° $\overline{\text{X}}$ 23'11	
desc. node	-308 Jul 04 j 01:25	22° $\overline{\Omega}$ 17'57			-306 Dec 28 j 03:56	22° $\overline{\text{X}}$ 48'03	
	-308 Jul 12 j 16:05	0° $\overline{\eta}$			-305 Jan 02 j 21:47	0° $\overline{\text{S}}$	
greatest brilliancy	-308 Aug 07 j 23:55	17° $\overline{\eta}$ 05'23	-4.5m		-305 Jan 26 j 21:30	0° \approx	
retrograde	-308 Aug 18 j 15:54	19° $\overline{\eta}$ 08'34		superior conj	-305 Feb 07 j 11:34	14° \approx 26'45	-1°-23'-44
evening set	-308 Sep 05 j 12:47	13° $\overline{\eta}$ 14'00		minimum elong	-305 Feb 07 j 07:18	14° \approx 13'29	1°23'42
inferior conj	-308 Sep 08 j 15:18	11° $\overline{\eta}$ 21'49	-8°-35'-33	max. Earth dist.	-305 Feb 11 j 10:27	19° \approx 22'05	1.72167 AU
minimum elong	-308 Sep 08 j 20:25	11° $\overline{\eta}$ 14'00	8°35'12		-305 Feb 19 j 23:45	0° $\overline{\text{X}}$	
min. Earth dist.	-308 Sep 09 j 10:24	10° $\overline{\eta}$ 52'41	0.27552 AU		-305 Mar 16 j 05:19	0° $\overline{\text{Y}}$	
morning rise	-308 Sep 12 j 03:48	9° $\overline{\eta}$ 14'15		evening rise	-305 Mar 18 j 17:53	3° $\overline{\text{Y}}$ 06'47	
direct	-308 Sep 29 j 14:01	3° $\overline{\eta}$ 25'55			-305 Apr 09 j 14:51	0° $\overline{\text{X}}$	
greatest brilliancy	-308 Oct 13 j 14:54	7° $\overline{\eta}$ 00'35	-4.6m	asc. node	-305 Apr 11 j 23:30	2° $\overline{\text{X}}$ 53'30	
asc. node	-308 Oct 25 j 04:07	14° $\overline{\eta}$ 08'22			-305 May 04 j 04:48	0° $\overline{\text{II}}$	
	-308 Nov 12 j 11:44	0° $\overline{\Omega}$			-305 May 28 j 23:50	0° $\overline{\text{S}}$	
morning max el	-308 Nov 19 j 08:30	6° $\overline{\Omega}$ 50'25	46°54'41		-305 Jun 23 j 01:41	0° $\overline{\Omega}$	
	-308 Dec 10 j 18:55	0° $\overline{\text{M}}$			-305 Jul 18 j 14:25	0° $\overline{\eta}$	
	-307 Jan 05 j 16:59	0° $\overline{\text{X}}$		desc. node	-305 Aug 01 j 13:19	16° $\overline{\eta}$ 02'43	
	-307 Jan 30 j 20:22	0° $\overline{\text{S}}$			-305 Aug 13 j 22:45	0° $\overline{\Omega}$	
desc. node	-307 Feb 13 j 18:23	16° $\overline{\text{S}}$ 46'38			-305 Sep 11 j 03:07	0° $\overline{\text{M}}$	
	-307 Feb 24 j 16:38	0° \approx		evening max el	-305 Sep 13 j 04:52	2° $\overline{\text{M}}$ 03'46	46°59'27
	-307 Mar 21 j 09:58	0° $\overline{\text{X}}$			-305 Oct 17 j 20:02	0° $\overline{\text{X}}$	
	-307 Apr 15 j 01:48	0° $\overline{\text{Y}}$		greatest brilliancy	-305 Oct 22 j 04:49	2° $\overline{\text{X}}$ 00'58	-4.7m
	-307 May 09 j 16:16	0° $\overline{\text{X}}$		retrograde	-305 Nov 02 j 13:17	4° $\overline{\text{X}}$ 24'51	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-305 Nov 16 j 20:52	0° \mathcal{A} 18'48		morning set	-302 Mar 13 j 05:31	8° \mathcal{H} 08'46	
	-305 Nov 17 j 10:45	30° $\mathcal{R}\mathcal{M}$			-302 Mar 30 j 23:03	0° \mathcal{Y}	
asc. node	-305 Nov 22 j 16:02	26° \mathcal{M} 55'54					
inferior conj	-305 Nov 23 j 00:45	26° \mathcal{M} 42'37	0°05'40	superior conj	-302 Apr 19 j 18:42	24° \mathcal{Y} 22'43	0°-44'-20
minimum elong	-305 Nov 23 j 00:32	26° \mathcal{M} 42'57	0°05'36	minimum elong	-302 Apr 20 j 02:48	24° \mathcal{Y} 47'39	0°44'00
transit middle	-305 Nov 23 j 00:32	26° \mathcal{M} 42'57	0°05'36	max. Earth dist.	-302 Apr 20 j 20:00	25° \mathcal{Y} 40'28	1.73510 AU
transit begin	-305 Nov 22 j 20:42	26° \mathcal{M} 48'48			-302 Apr 24 j 08:30	0° \mathcal{B}	
transit end	-305 Nov 23 j 04:23	26° \mathcal{M} 37'06		asc. node	-302 May 09 j 11:24	18° \mathcal{B} 34'16	
min. Earth dist.	-305 Nov 22 j 18:25	26° \mathcal{M} 52'16	0.26345 AU		-302 May 18 j 18:55	0° \mathcal{II}	
morning rise	-305 Nov 29 j 04:30	23° \mathcal{M} 08'01		evening rise	-302 May 26 j 07:27	9° \mathcal{II} 13'45	
direct	-305 Dec 13 j 08:15	19° \mathcal{M} 07'41			-302 Jun 12 j 05:47	0° \mathcal{S}	
greatest brilliancy	-305 Dec 24 j 23:03	21° \mathcal{M} 40'30	-4.7m		-302 Jul 06 j 17:11	0° \mathcal{Q}	
	-304 Jan 08 j 01:47	0° \mathcal{A}			-302 Jul 31 j 06:13	0° \mathcal{M}	
morning max el	-304 Feb 01 j 14:08	21° \mathcal{A} 44'58	46°39'14		-302 Aug 24 j 22:41	0° \mathcal{A}	
	-304 Feb 09 j 16:14	0° \mathcal{B}		desc. node	-302 Aug 29 j 01:17	4° \mathcal{A} 58'08	
	-304 Mar 08 j 04:03	0° \mathcal{A}			-302 Sep 18 j 21:05	0° \mathcal{M}	
desc. node	-304 Mar 13 j 06:17	5° \mathcal{A} 46'02			-302 Oct 14 j 06:15	0° \mathcal{A}	
	-304 Apr 03 j 07:00	0° \mathcal{H}			-302 Nov 09 j 15:37	0° \mathcal{B}	
	-304 Apr 28 j 19:25	0° \mathcal{Y}		evening max el	-302 Nov 24 j 12:11	15° \mathcal{B} 48'08	47°20'49
	-304 May 23 j 23:09	0° \mathcal{B}			-302 Dec 09 j 05:17	0° \mathcal{A}	
	-304 Jun 17 j 19:46	0° \mathcal{II}		asc. node	-302 Dec 20 j 04:01	8° \mathcal{A} 59'54	
asc. node	-304 Jul 04 j 09:04	20° \mathcal{II} 10'38		greatest brilliancy	-301 Jan 01 j 02:16	16° \mathcal{A} 20'56	-4.7m
	-304 Jul 12 j 09:21	0° \mathcal{S}		retrograde	-301 Jan 14 j 12:56	19° \mathcal{A} 43'20	
morning set	-304 Jul 29 j 18:11	21° \mathcal{S} 25'22		evening set	-301 Jan 31 j 22:48	13° \mathcal{A} 47'09	
	-304 Aug 05 j 16:15	0° \mathcal{Q}		min. Earth dist.	-301 Feb 03 j 16:55	12° \mathcal{A} 04'11	0.27867 AU
	-304 Aug 29 j 17:54	0° \mathcal{M}		inferior conj	-301 Feb 04 j 13:02	11° \mathcal{A} 32'21	8°26'03
max. Earth dist.	-304 Sep 01 j 11:56	3° \mathcal{M} 26'30	1.71837 AU	minimum elong	-301 Feb 04 j 08:31	11° \mathcal{A} 39'29	8°25'44
				morning rise	-301 Feb 07 j 18:31	9° \mathcal{A} 31'24	
superior conj	-304 Sep 04 j 20:53	7° \mathcal{M} 39'46	1°23'04	direct	-301 Feb 25 j 08:46	3° \mathcal{A} 33'49	
minimum elong	-304 Sep 05 j 00:35	7° \mathcal{M} 51'20	1°23'02	greatest brilliancy	-301 Mar 08 j 02:30	5° \mathcal{A} 40'26	-4.6m
	-304 Sep 22 j 16:31	0° \mathcal{A}		desc. node	-301 Apr 10 j 17:52	29° \mathcal{A} 34'29	
evening rise	-304 Oct 14 j 02:42	26° \mathcal{A} 53'11			-301 Apr 11 j 04:51	0° \mathcal{H}	
	-304 Oct 16 j 14:15	0° \mathcal{M}		morning max el	-301 Apr 15 j 10:02	3° \mathcal{H} 59'31	45°57'59
desc. node	-304 Oct 23 j 23:02	9° \mathcal{M} 14'36			-301 May 10 j 17:26	0° \mathcal{Y}	
	-304 Nov 09 j 12:28	0° \mathcal{A}			-301 Jun 06 j 16:26	0° \mathcal{B}	
	-304 Dec 03 j 12:17	0° \mathcal{B}			-301 Jul 02 j 12:39	0° \mathcal{II}	
	-304 Dec 27 j 15:27	0° \mathcal{A}			-301 Jul 27 j 15:37	0° \mathcal{S}	
	-303 Jan 21 j 01:23	0° \mathcal{H}		asc. node	-301 Aug 01 j 20:56	6° \mathcal{S} 19'23	
asc. node	-303 Feb 14 j 01:46	28° \mathcal{H} 54'11			-301 Aug 21 j 05:28	0° \mathcal{Q}	
	-303 Feb 14 j 23:58	0° \mathcal{Y}		greatest brilliancy	-301 Sep 12 j 11:30	27° \mathcal{Q} 35'51	-3.9m
	-303 Mar 12 j 21:31	0° \mathcal{B}			-301 Sep 14 j 09:41	0° \mathcal{M}	
	-303 Apr 09 j 18:17	0° \mathcal{II}			-301 Oct 08 j 07:58	0° \mathcal{A}	
evening max el	-303 Apr 17 j 22:13	8° \mathcal{II} 03'32	45°19'06	morning set	-301 Oct 10 j 00:57	2° \mathcal{A} 08'53	
	-303 May 14 j 17:16	0° \mathcal{S}			-301 Nov 01 j 03:42	0° \mathcal{M}	
greatest brilliancy	-303 May 22 j 14:08	4° \mathcal{S} 16'13	-4.5m				
retrograde	-303 Jun 05 j 07:33	7° \mathcal{S} 32'32		superior conj	-301 Nov 19 j 14:59	23° \mathcal{M} 16'17	0°04'23
desc. node	-303 Jun 05 j 15:39	7° \mathcal{S} 32'24		minimum elong	-301 Nov 19 j 16:09	23° \mathcal{M} 19'57	0°04'19
evening set	-303 Jun 20 j 16:16	3° \mathcal{S} 03'44		behind sun begin	-301 Nov 18 j 14:15	21° \mathcal{M} 58'25	
	-303 Jun 25 j 20:23	30° $\mathcal{R}\mathcal{II}$		behind sun end	-301 Nov 20 j 18:02	24° \mathcal{M} 41'28	
inferior conj	-303 Jun 26 j 18:06	29° \mathcal{II} 26'14	-4°-41'-24	max. Earth dist.	-301 Nov 21 j 01:18	25° \mathcal{M} 04'19	1.71009 AU
minimum elong	-303 Jun 26 j 09:08	29° \mathcal{II} 40'11	4°39'11	desc. node	-301 Nov 21 j 10:57	25° \mathcal{M} 34'41	
min. Earth dist.	-303 Jun 26 j 21:30	29° \mathcal{II} 20'56	0.28815 AU		-301 Nov 24 j 23:15	0° \mathcal{A}	
morning rise	-303 Jul 02 j 01:42	26° \mathcal{II} 13'19			-301 Dec 18 j 20:02	0° \mathcal{B}	
direct	-303 Jul 18 j 10:06	21° \mathcal{II} 10'50		evening rise	-301 Dec 31 j 12:39	15° \mathcal{B} 54'33	
greatest brilliancy	-303 Aug 01 j 17:20	24° \mathcal{II} 45'12	-4.5m		-300 Jan 11 j 19:04	0° \mathcal{A}	
	-303 Aug 10 j 20:16	0° \mathcal{S}			-300 Feb 04 j 21:43	0° \mathcal{H}	
morning max el	-303 Sep 06 j 00:10	22° \mathcal{S} 15'38	46°19'05		-300 Feb 29 j 06:06	0° \mathcal{Y}	
	-303 Sep 13 j 15:35	0° \mathcal{Q}		asc. node	-300 Mar 13 j 13:40	16° \mathcal{Y} 14'05	
asc. node	-303 Sep 26 j 18:29	14° \mathcal{Q} 04'29			-300 Mar 24 j 22:54	0° \mathcal{B}	
	-303 Oct 10 j 20:23	0° \mathcal{M}			-300 Apr 19 j 03:44	0° \mathcal{II}	
	-303 Nov 05 j 04:22	0° \mathcal{A}			-300 May 15 j 03:00	0° \mathcal{S}	
	-303 Nov 29 j 17:44	0° \mathcal{M}			-300 Jun 11 j 12:44	0° \mathcal{Q}	
	-303 Dec 23 j 23:51	0° \mathcal{A}		evening max el	-300 Jun 28 j 04:55	16° \mathcal{Q} 46'52	45°41'33
desc. node	-302 Jan 16 j 08:34	28° \mathcal{A} 59'18		desc. node	-300 Jul 03 j 03:35	21° \mathcal{Q} 25'05	
	-302 Jan 17 j 04:08	0° \mathcal{B}			-300 Jul 12 j 23:33	0° \mathcal{M}	
	-302 Feb 10 j 08:56	0° \mathcal{A}		greatest brilliancy	-300 Aug 05 j 09:44	14° \mathcal{M} 42'46	-4.5m
	-302 Mar 06 j 15:09	0° \mathcal{H}		retrograde	-300 Aug 16 j 05:27	16° \mathcal{M} 49'14	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-300 Sep 03 j 03:28	10° \mathbb{M} 51'55		-297 Feb 19 j 10:34	0° \mathbb{H}	
inferior conj	-300 Sep 06 j 04:55	9° \mathbb{M} 01'23	-8°-40'-1	-297 Mar 15 j 16:07	0° \mathbb{Y}	
minimum elong	-300 Sep 06 j 09:14	8° \mathbb{M} 54'48	8°39'45	evening rise	-297 Mar 16 j 08:33	0° \mathbb{Y} 50'42
min. Earth dist.	-300 Sep 06 j 23:27	8° \mathbb{M} 33'08	0.27621 AU		-297 Apr 09 j 01:43	0° \mathbb{B}
morning rise	-300 Sep 09 j 14:45	6° \mathbb{M} 57'54		asc. node	-297 Apr 11 j 01:37	2° \mathbb{B} 26'37
direct	-300 Sep 27 j 04:42	1° \mathbb{M} 04'19			-297 May 03 j 15:54	0° \mathbb{II}
greatest brilliancy	-300 Oct 11 j 07:20	4° \mathbb{M} 41'31	-4.6m		-297 May 28 j 11:22	0° \mathbb{S}
asc. node	-300 Oct 24 j 06:14	12° \mathbb{M} 52'54			-297 Jun 22 j 13:59	0° \mathbb{Q}
	-300 Nov 12 j 12:30	0° \mathbb{A}			-297 Jul 18 j 04:04	0° \mathbb{M}
morning max el	-300 Nov 16 j 23:42	4° \mathbb{A} 29'28	46°54'10	desc. node	-297 Jul 31 j 15:21	15° \mathbb{M} 26'28
	-300 Dec 10 j 11:53	0° \mathbb{M}			-297 Aug 13 j 15:01	0° \mathbb{A}
	-299 Jan 05 j 07:15	0° \mathbb{J}		evening max el	-297 Sep 10 j 19:10	29° \mathbb{A} 42'51 46°57'07
	-299 Jan 30 j 09:16	0° \mathbb{Z}			-297 Sep 11 j 02:08	0° \mathbb{M}
desc. node	-299 Feb 12 j 20:27	16° \mathbb{Z} 15'33		greatest brilliancy	-297 Oct 19 j 19:17	29° \mathbb{M} 34'42 -4.7m
	-299 Feb 24 j 04:40	0° \mathbb{A}			-297 Oct 20 j 21:52	0° \mathbb{J}
	-299 Mar 20 j 21:25	0° \mathbb{H}		retrograde	-297 Oct 31 j 01:27	1° \mathbb{J} 55'39
	-299 Apr 14 j 12:50	0° \mathbb{Y}			-297 Nov 09 j 18:23	30° \mathbb{RML}
	-299 May 09 j 03:02	0° \mathbb{B}		evening set	-297 Nov 14 j 10:04	27° \mathbb{M} 49'16
morning set	-299 May 20 j 20:59	14° \mathbb{B} 21'38		inferior conj	-297 Nov 20 j 12:59	24° \mathbb{M} 14'16 0°-18'-57
	-299 Jun 02 j 15:20	0° \mathbb{II}		minimum elong	-297 Nov 20 j 13:43	24° \mathbb{M} 13'09 0°18'44
asc. node	-299 Jun 05 j 23:20	4° \mathbb{II} 05'25		min. Earth dist.	-297 Nov 20 j 08:13	24° \mathbb{M} 21'32 0.26339 AU
max. Earth dist.	-299 Jun 23 j 04:17	25° \mathbb{II} 14'47	1.73366 AU	asc. node	-297 Nov 21 j 18:10	23° \mathbb{M} 29'52
				morning rise	-297 Nov 26 j 17:35	20° \mathbb{M} 38'18
superior conj	-299 Jun 26 j 02:35	28° \mathbb{II} 51'23	0°45'15	direct	-297 Dec 10 j 20:50	16° \mathbb{M} 39'33
minimum elong	-299 Jun 25 j 18:49	28° \mathbb{II} 27'25	0°44'55	greatest brilliancy	-297 Dec 22 j 12:54	19° \mathbb{M} 13'30 -4.7m
	-299 Jun 27 j 00:50	0° \mathbb{S}			-296 Jan 08 j 19:47	0° \mathbb{J}
	-299 Jul 21 j 07:22	0° \mathbb{Q}		morning max el	-296 Jan 30 j 02:58	19° \mathbb{J} 19'40 46°40'20
evening rise	-299 Jul 31 j 23:16	13° \mathbb{Q} 13'12			-296 Feb 09 j 12:16	0° \mathbb{Z}
	-299 Aug 14 j 11:45	0° \mathbb{M}			-296 Mar 07 j 19:22	0° \mathbb{A}
	-299 Sep 07 j 15:30	0° \mathbb{A}		desc. node	-296 Mar 12 j 08:15	5° \mathbb{A} 09'23
desc. node	-299 Sep 25 j 13:13	22° \mathbb{A} 12'31			-296 Apr 02 j 20:16	0° \mathbb{H}
	-299 Oct 01 j 20:09	0° \mathbb{M}			-296 Apr 28 j 07:33	0° \mathbb{Y}
	-299 Oct 26 j 03:00	0° \mathbb{J}			-296 May 23 j 10:36	0° \mathbb{B}
	-299 Nov 19 j 14:16	0° \mathbb{Z}			-296 Jun 17 j 06:48	0° \mathbb{II}
	-299 Dec 14 j 11:12	0° \mathbb{A}		asc. node	-296 Jul 03 j 11:07	19° \mathbb{II} 43'44
	-298 Jan 09 j 06:36	0° \mathbb{H}			-296 Jul 11 j 20:10	0° \mathbb{S}
asc. node	-298 Jan 16 j 15:53	8° \mathbb{H} 13'26		morning set	-296 Jul 27 j 11:09	19° \mathbb{S} 16'05
evening max el	-298 Feb 03 j 18:53	27° \mathbb{H} 18'13	46°15'56		-296 Aug 05 j 02:59	0° \mathbb{Q}
	-298 Feb 06 j 12:32	0° \mathbb{Y}			-296 Aug 29 j 04:40	0° \mathbb{M}
greatest brilliancy	-298 Mar 10 j 15:46	25° \mathbb{Y} 02'57	-4.5m	max. Earth dist.	-296 Aug 29 j 22:54	0° \mathbb{M} 57'00 1.71890 AU
retrograde	-298 Mar 25 j 11:35	28° \mathbb{Y} 56'45				
evening set	-298 Apr 10 j 15:52	23° \mathbb{Y} 50'20		superior conj	-296 Sep 02 j 12:22	5° \mathbb{M} 24'20 1°23'39
inferior conj	-298 Apr 15 j 20:37	20° \mathbb{Y} 38'51	4°54'27	minimum elong	-296 Sep 02 j 15:17	5° \mathbb{M} 33'27 1°23'37
minimum elong	-298 Apr 16 j 05:28	20° \mathbb{Y} 24'54	4°52'21		-296 Sep 22 j 03:23	0° \mathbb{A}
min. Earth dist.	-298 Apr 16 j 01:31	20° \mathbb{Y} 31'08	0.28980 AU	evening rise	-296 Oct 11 j 14:24	24° \mathbb{A} 24'56
morning rise	-298 Apr 21 j 19:16	17° \mathbb{Y} 02'13			-296 Oct 16 j 01:14	0° \mathbb{M}
direct	-298 May 07 j 09:56	12° \mathbb{Y} 19'38		desc. node	-296 Oct 23 j 01:13	8° \mathbb{M} 46'52
desc. node	-298 May 08 j 05:46	12° \mathbb{Y} 20'26			-296 Nov 08 j 23:36	0° \mathbb{J}
greatest brilliancy	-298 May 20 j 11:12	15° \mathbb{Y} 19'39	-4.5m		-296 Dec 02 j 23:36	0° \mathbb{Z}
	-298 Jun 11 j 17:45	0° \mathbb{B}			-296 Dec 27 j 03:03	0° \mathbb{A}
morning max el	-298 Jun 25 j 06:26	12° \mathbb{B} 08'24	45°46'43		-295 Jan 20 j 13:27	0° \mathbb{H}
	-298 Jul 12 j 23:32	0° \mathbb{II}		asc. node	-295 Feb 13 j 03:43	28° \mathbb{H} 21'45
	-298 Aug 09 j 04:12	0° \mathbb{S}			-295 Feb 14 j 12:55	0° \mathbb{Y}
asc. node	-298 Aug 29 j 08:44	23° \mathbb{S} 33'32			-295 Mar 12 j 12:18	0° \mathbb{B}
	-298 Sep 03 j 18:23	0° \mathbb{Q}			-295 Apr 09 j 14:02	0° \mathbb{II}
	-298 Sep 28 j 11:00	0° \mathbb{M}		evening max el	-295 Apr 15 j 13:03	5° \mathbb{II} 50'38 45°19'48
	-298 Oct 22 j 15:21	0° \mathbb{A}			-295 May 16 j 00:58	0° \mathbb{S}
	-298 Nov 15 j 13:55	0° \mathbb{M}		greatest brilliancy	-295 May 20 j 04:15	2° \mathbb{S} 04'48 -4.5m
	-298 Dec 09 j 10:59	0° \mathbb{J}		retrograde	-295 Jun 02 j 22:56	5° \mathbb{S} 23'24
desc. node	-298 Dec 18 j 22:48	11° \mathbb{J} 55'16		desc. node	-295 Jun 04 j 17:46	5° \mathbb{S} 19'43
morning set	-298 Dec 25 j 13:34	20° \mathbb{J} 13'15		evening set	-295 Jun 18 j 06:33	0° \mathbb{S} 56'30
	-297 Jan 02 j 08:47	0° \mathbb{Z}			-295 Jun 19 j 22:40	30° \mathbb{RML}
	-297 Jan 26 j 08:24	0° \mathbb{A}		inferior conj	-295 Jun 24 j 10:10	27° \mathbb{II} 16'43 -4°-24'-17
				minimum elong	-295 Jun 24 j 01:35	27° \mathbb{II} 30'06 4°22'07
superior conj	-297 Feb 04 j 23:30	12° \mathbb{A} 00'31	-1°-22'-56	min. Earth dist.	-295 Jun 24 j 13:57	27° \mathbb{II} 10'51 0.28833 AU
minimum elong	-297 Feb 04 j 18:18	11° \mathbb{A} 44'20	1°22'54	morning rise	-295 Jun 29 j 20:13	24° \mathbb{II} 00'05
max. Earth dist.	-297 Feb 09 j 00:33	17° \mathbb{A} 02'46	1.72111 AU	direct	-295 Jul 16 j 01:48	19° \mathbb{II} 00'50

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-295 Jul 30 j 09:23	22° II 34'40	-4.5m		-292 Jan 11 j 06:16	0° \approx	
	-295 Aug 11 j 15:32	0° ☿			-292 Feb 04 j 08:58	0° ✕	
morning max el	-295 Sep 03 j 14:25	19° ☿ 58'22	46°17'39		-292 Feb 28 j 17:32	0° ☿	
	-295 Sep 13 j 10:47	0° Ω		asc. node	-292 Mar 12 j 15:47	15° ☿ 45'10	
asc. node	-295 Sep 25 j 20:36	13° Ω 24'17			-292 Mar 24 j 10:47	0° ✕	
	-295 Oct 10 j 11:17	0° ☿			-292 Apr 18 j 16:29	0° II	
	-295 Nov 04 j 17:34	0° ☿			-292 May 14 j 17:29	0° ☿	
	-295 Nov 29 j 06:03	0° ☿			-292 Jun 11 j 07:15	0° Ω	
	-295 Dec 23 j 11:37	0° ☿		evening max el	-292 Jun 25 j 19:38	14° Ω 31'25	45°39'34
desc. node	-294 Jan 15 j 10:37	28° ☿ 30'13		desc. node	-292 Jul 02 j 05:36	20° Ω 29'48	
	-294 Jan 16 j 15:33	0° ☿			-292 Jul 13 j 10:19	0° ☿	
	-294 Feb 09 j 20:05	0° \approx		greatest brilliancy	-292 Aug 02 j 19:39	12° ☿ 19'31	-4.5m
	-294 Mar 06 j 02:07	0° ✕		retrograde	-292 Aug 13 j 19:05	14° ☿ 28'53	
morning set	-294 Mar 10 j 20:28	5° ✕ 53'04		evening set	-292 Aug 31 j 17:48	8° ☿ 29'39	
	-294 Mar 30 j 09:54	0° ☿		inferior conj	-292 Sep 03 j 18:30	6° ☿ 40'06	-8°-43'-32
				minimum elong	-292 Sep 03 j 21:59	6° ☿ 34'47	8°43'23
superior conj	-294 Apr 17 j 11:55	22° ☿ 15'05	0°-47'-4	min. Earth dist.	-292 Sep 04 j 12:07	6° ☿ 13'14	0.27683 AU
minimum elong	-294 Apr 17 j 20:21	22° ☿ 41'02	0°46'44	morning rise	-292 Sep 07 j 01:58	4° ☿ 40'09	
max. Earth dist.	-294 Apr 18 j 14:32	23° ☿ 36'53	1.73484 AU		-292 Sep 16 j 20:32	30° ☿	
	-294 Apr 23 j 19:15	0° ✕		direct	-292 Sep 24 j 19:42	28° Ω 42'15	
asc. node	-294 May 08 j 13:34	18° ☿ 07'53			-292 Oct 03 j 00:57	0° ☿	
	-294 May 18 j 05:41	0° II		greatest brilliancy	-292 Oct 08 j 22:32	2° ☿ 20'17	-4.6m
evening rise	-294 May 24 j 02:13	7° II 10'57		asc. node	-292 Oct 23 j 08:26	11° ☿ 39'12	
	-294 Jun 11 j 16:41	0° ☿			-292 Nov 12 j 12:23	0° ☿	
	-294 Jul 06 j 04:23	0° Ω		morning max el	-292 Nov 14 j 14:47	2° ☿ 07'47	46°53'31
	-294 Jul 30 j 17:53	0° ☿			-292 Dec 10 j 04:44	0° ☿	
	-294 Aug 24 j 11:01	0° ☿			-291 Jan 04 j 21:36	0° ☿	
desc. node	-294 Aug 28 j 03:17	4° ☿ 26'31			-291 Jan 29 j 22:18	0° ☿	
	-294 Sep 18 j 10:26	0° ☿		desc. node	-291 Feb 11 j 22:25	15° ☿ 43'32	
	-294 Oct 13 j 21:16	0° ☿			-291 Feb 23 j 16:54	0° \approx	
	-294 Nov 09 j 10:07	0° ☿			-291 Mar 20 j 09:04	0° ✕	
evening max el	-294 Nov 22 j 02:06	13° ☿ 24'12	47°21'57		-291 Apr 14 j 00:06	0° ☿	
	-294 Dec 09 j 12:29	0° \approx			-291 May 08 j 14:03	0° ✕	
asc. node	-294 Dec 19 j 06:06	7° \approx 42'40		morning set	-291 May 18 j 15:32	12° ☿ 18'03	
greatest brilliancy	-294 Dec 29 j 18:24	14° \approx 01'31	-4.7m		-291 Jun 02 j 02:14	0° II	
retrograde	-293 Jan 12 j 03:53	17° \approx 23'22		asc. node	-291 Jun 05 j 01:21	3° II 38'10	
evening set	-293 Jan 29 j 10:54	11° \approx 31'33		max. Earth dist.	-291 Jun 21 j 02:03	23° II 20'25	1.73400 AU
min. Earth dist.	-293 Feb 01 j 07:05	9° \approx 45'48	0.27803 AU				
inferior conj	-293 Feb 02 j 03:47	9° \approx 13'07	8°21'06	superior conj	-291 Jun 23 j 21:09	26° II 47'04	0°42'35
minimum elong	-293 Feb 01 j 22:32	9° \approx 21'24	8°20'41	minimum elong	-291 Jun 23 j 13:41	26° II 24'05	0°42'16
morning rise	-293 Feb 05 j 10:26	7° \approx 10'38			-291 Jun 26 j 11:45	0° ☿	
direct	-293 Feb 22 j 22:13	1° \approx 15'23			-291 Jul 20 j 18:22	0° Ω	
greatest brilliancy	-293 Mar 05 j 16:32	3° \approx 22'30	-4.6m	evening rise	-291 Jul 29 j 16:55	11° Ω 04'45	
desc. node	-293 Apr 09 j 20:06	28° \approx 42'03			-291 Aug 13 j 22:56	0° ☿	
	-293 Apr 11 j 05:06	0° ✕			-291 Sep 07 j 02:57	0° ☿	
morning max el	-293 Apr 13 j 00:43	1° ✕ 44'15	45°59'08	desc. node	-291 Sep 24 j 15:21	21° ☿ 42'52	
	-293 May 10 j 09:47	0° ☿			-291 Oct 01 j 07:58	0° ☿	
	-293 Jun 06 j 06:06	0° ✕			-291 Oct 25 j 15:17	0° ☿	
	-293 Jul 02 j 01:00	0° II			-291 Nov 19 j 03:12	0° ☿	
	-293 Jul 27 j 03:17	0° ☿			-291 Dec 14 j 01:14	0° \approx	
asc. node	-293 Jul 31 j 22:56	5° ☿ 50'21			-290 Jan 08 j 22:56	0° ✕	
	-293 Aug 20 j 16:47	0° Ω		asc. node	-290 Jan 15 j 17:53	7° ✕ 31'10	
	-293 Sep 13 j 20:50	0° ☿		evening max el	-290 Feb 01 j 11:17	25° ✕ 05'03	46°18'39
greatest brilliancy	-293 Sep 15 j 11:30	2° ☿ 00'49	-3.9m		-290 Feb 06 j 11:55	0° ☿	
morning set	-293 Oct 07 j 13:42	29° ☿ 43'10		greatest brilliancy	-290 Mar 08 j 09:53	22° ☿ 54'39	-4.5m
	-293 Oct 07 j 19:04	0° ☿		retrograde	-290 Mar 23 j 04:28	26° ☿ 46'44	
	-293 Oct 31 j 14:48	0° ☿		evening set	-290 Apr 08 j 11:01	21° ☿ 36'50	
				inferior conj	-290 Apr 13 j 13:09	18° ☿ 28'44	5°10'19
superior conj	-293 Nov 17 j 00:30	20° ☿ 40'00	0°08'23	minimum elong	-290 Apr 13 j 22:14	18° ☿ 14'22	5°08'14
minimum elong	-293 Nov 17 j 02:45	20° ☿ 47'05	0°08'16	min. Earth dist.	-290 Apr 13 j 17:24	18° ☿ 22'01	0.28965 AU
behind sun begin	-293 Nov 16 j 03:30	19° ☿ 33'53		morning rise	-290 Apr 19 j 09:42	14° ☿ 54'53	
behind sun end	-293 Nov 18 j 01:59	22° ☿ 00'16		direct	-290 May 05 j 02:40	10° ☿ 10'00	
max. Earth dist.	-293 Nov 18 j 07:41	22° ☿ 18'13	1.71006 AU	desc. node	-290 May 07 j 07:49	10° ☿ 15'41	
desc. node	-293 Nov 20 j 13:03	25° ☿ 06'13		greatest brilliancy	-290 May 18 j 00:11	13° ☿ 06'28	-4.5m
	-293 Nov 24 j 10:24	0° ☿			-290 Jun 11 j 23:14	0° ✕	
	-293 Dec 18 j 07:13	0° ☿		morning max el	-290 Jun 22 j 22:33	9° ☿ 58'44	45°46'12
evening rise	-293 Dec 28 j 22:45	13° ☿ 20'58			-290 Jul 12 j 16:57	0° II	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-290 Aug 08 j 18:23	0°☿			-287 Apr 09 j 10:45	0°♊	
asc. node	-290 Aug 28 j 10:52	23°☿01'15		evening max el	-287 Apr 13 j 03:42	3°♊36'32	45°20'40
	-290 Sep 03 j 07:11	0°♌		greatest brilliancy	-287 May 17 j 17:32	29°♊51'42	-4.5m
	-290 Sep 27 j 23:07	0°♍			-287 May 18 j 00:54	0°☿	
	-290 Oct 22 j 03:06	0°♎		retrograde	-287 May 31 j 14:49	3°☿13'53	
	-290 Nov 15 j 01:29	0°♏		desc. node	-287 Jun 03 j 19:47	3°☿01'49	
	-290 Dec 08 j 22:24	0°♐			-287 Jun 13 j 13:14	30°♊	
desc. node	-290 Dec 18 j 00:46	11°♐25'46		evening set	-287 Jun 15 j 21:01	28°♊48'23	
morning set	-290 Dec 22 j 23:09	17°♐37'10		inferior conj	-287 Jun 22 j 02:17	25°♊06'38	-4°-6'-45
	-289 Jan 01 j 20:06	0°♑		minimum elong	-287 Jun 21 j 18:05	25°♊19'22	4°04'39
	-289 Jan 25 j 19:37	0°♒		min. Earth dist.	-287 Jun 22 j 06:14	25°♊00'28	0.28852 AU
				morning rise	-287 Jun 27 j 14:43	21°♊46'37	
superior conj	-289 Feb 02 j 11:19	9°♒32'53	-1°-21'-58	direct	-287 Jul 13 j 17:33	16°♊50'12	
minimum elong	-289 Feb 02 j 05:15	9°♒13'57	1°21'55	greatest brilliancy	-287 Jul 28 j 02:23	20°♊24'58	-4.5m
max. Earth dist.	-289 Feb 06 j 15:28	14°♒44'53	1.72056 AU		-287 Aug 12 j 06:08	0°☿	
	-289 Feb 18 j 21:44	0°♈		morning max el	-287 Sep 01 j 05:21	17°☿42'26	46°16'16
evening rise	-289 Mar 13 j 23:05	28°♈33'03			-287 Sep 13 j 05:41	0°♌	
	-289 Mar 15 j 03:16	0°♉		asc. node	-287 Sep 24 j 22:46	12°♌44'10	
	-289 Apr 08 j 12:57	0°♊			-287 Oct 10 j 02:12	0°♍	
asc. node	-289 Apr 10 j 03:46	1°♊58'50			-287 Nov 04 j 06:55	0°♎	
	-289 May 03 j 03:21	0°♋			-287 Nov 28 j 18:36	0°♏	
	-289 May 27 j 23:16	0°☿			-287 Dec 22 j 23:41	0°♐	
	-289 Jun 22 j 02:42	0°♌		desc. node	-286 Jan 14 j 12:41	28°♐00'17	
	-289 Jul 17 j 18:15	0°♍			-286 Jan 16 j 03:15	0°♑	
desc. node	-289 Jul 30 j 17:21	14°♍48'35			-286 Feb 09 j 07:30	0°♒	
	-289 Aug 13 j 08:05	0°♎			-286 Mar 05 j 13:18	0°♈	
evening max el	-289 Sep 08 j 08:22	27°♎17'39	46°54'30	morning set	-286 Mar 08 j 10:59	3°♈35'17	
	-289 Sep 11 j 02:53	0°♏			-286 Mar 29 j 20:54	0°♉	
greatest brilliancy	-289 Oct 17 j 10:12	27°♏06'54	-4.7m				
retrograde	-289 Oct 28 j 12:50	29°♏24'16		superior conj	-286 Apr 15 j 04:58	20°♉06'23	0°-49'-44
evening set	-289 Nov 11 j 23:11	25°♏17'09		minimum elong	-286 Apr 15 j 13:43	20°♉33'17	0°49'25
inferior conj	-289 Nov 18 j 00:58	21°♏43'50	0°-43'-42	max. Earth dist.	-286 Apr 16 j 09:30	21°♉34'03	1.73457 AU
minimum elong	-289 Nov 18 j 02:38	21°♏41'18	0°43'11		-286 Apr 23 j 06:11	0°♊	
min. Earth dist.	-289 Nov 17 j 22:07	21°♏48'11	0.26335 AU	asc. node	-286 May 07 j 15:33	17°♊40'23	
asc. node	-289 Nov 20 j 20:11	20°♏02'17			-286 May 17 j 16:38	0°♋	
morning rise	-289 Nov 24 j 06:11	18°♏06'46		evening rise	-286 May 21 j 21:03	5°♋07'54	
direct	-289 Dec 08 j 08:39	14°♏09'10			-286 Jun 11 j 03:47	0°☿	
greatest brilliancy	-289 Dec 20 j 03:26	16°♏45'28	-4.7m		-286 Jul 05 j 15:47	0°♌	
	-288 Jan 09 j 09:54	0°♐			-286 Jul 30 j 05:43	0°♍	
morning max el	-288 Jan 27 j 14:48	16°♐50'25	46°41'36		-286 Aug 23 j 23:31	0°♎	
	-288 Feb 09 j 08:06	0°♑		desc. node	-286 Aug 27 j 05:30	3°♎55'09	
	-288 Mar 07 j 10:48	0°♒			-286 Sep 17 j 23:57	0°♏	
desc. node	-288 Mar 11 j 10:28	4°♒32'49			-286 Oct 13 j 12:34	0°♐	
	-288 Apr 02 j 09:44	0°♈			-286 Nov 09 j 05:17	0°♑	
	-288 Apr 27 j 19:57	0°♉		evening max el	-286 Nov 19 j 16:36	11°♑01'07	47°22'47
	-288 May 22 j 22:21	0°♊			-286 Dec 09 j 22:46	0°♒	
	-288 Jun 16 j 18:08	0°♋		asc. node	-286 Dec 18 j 08:06	6°♒21'53	
asc. node	-288 Jul 02 j 13:10	19°♋15'50		greatest brilliancy	-286 Dec 27 j 09:45	11°♒39'44	-4.7m
	-288 Jul 11 j 07:16	0°☿		retrograde	-285 Jan 09 j 19:04	15°♒01'40	
morning set	-288 Jul 25 j 04:18	17°☿06'31		evening set	-285 Jan 26 j 22:27	9°♒14'30	
	-288 Aug 04 j 14:00	0°♌		min. Earth dist.	-285 Jan 29 j 20:43	7°♒25'57	0.27738 AU
max. Earth dist.	-288 Aug 27 j 12:58	28°♌36'20	1.71951 AU	inferior conj	-285 Jan 30 j 18:14	6°♒52'04	8°15'14
	-288 Aug 28 j 15:44	0°♍		minimum elong	-285 Jan 30 j 12:16	7°♒01'27	8°14'41
				morning rise	-285 Feb 03 j 02:23	4°♒47'41	
superior conj	-288 Aug 31 j 03:58	3°♍08'18	1°24'04		-285 Feb 13 j 05:45	30°♊	
minimum elong	-288 Aug 31 j 06:05	3°♍14'56	1°24'04	direct	-285 Feb 20 j 11:50	28°♊55'14	
	-288 Sep 21 j 14:36	0°♎			-285 Feb 28 j 01:13	0°♒	
evening rise	-288 Oct 09 j 02:05	21°♎55'30		greatest brilliancy	-285 Mar 03 j 05:55	1°♎02'38	-4.6m
	-288 Oct 15 j 12:36	0°♏		desc. node	-285 Apr 08 j 22:09	27°♎49'43	
desc. node	-288 Oct 22 j 03:18	8°♏17'36		morning max el	-285 Apr 10 j 15:53	29°♎29'35	46°00'23
	-288 Nov 08 j 11:08	0°♐			-285 Apr 11 j 04:30	0°♈	
	-288 Dec 02 j 11:19	0°♑			-285 May 10 j 01:56	0°♉	
	-288 Dec 26 j 15:01	0°♒			-285 Jun 05 j 19:39	0°♊	
	-287 Jan 20 j 01:53	0°♈			-285 Jul 01 j 13:19	0°♋	
asc. node	-287 Feb 12 j 05:52	27°♈48'53			-285 Jul 26 j 14:56	0°☿	
	-287 Feb 14 j 02:14	0°♉		asc. node	-285 Jul 31 j 01:02	5°☿21'36	
	-287 Mar 12 j 03:35	0°♊			-285 Aug 20 j 04:06	0°♌	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-285 Sep 13 j 07:58	0° \cap		evening max el	-282 Jan 30 j 02:53	22° Υ 50'46	46°21'12
greatest brilliancy	-285 Sep 17 j 19:12	5° \cap 35'12	-3.9m		-282 Feb 06 j 11:55	0° Υ	
morning set	-285 Oct 05 j 03:05	27° \cap 19'32		greatest brilliancy	-282 Mar 06 j 04:35	20° Υ 47'51	-4.5m
	-285 Oct 07 j 06:08	0° $\underline{\cap}$		retrograde	-282 Mar 20 j 20:59	24° Υ 37'32	
	-285 Oct 31 j 01:52	0° \cap		evening set	-282 Apr 06 j 06:15	19° Υ 24'11	
superior conj	-285 Nov 14 j 10:28	18° \cap 05'18	0°12'19	inferior conj	-282 Apr 11 j 05:45	16° Υ 19'33	5°25'45
minimum elong	-285 Nov 14 j 13:45	18° \cap 15'37	0°12'09	minimum elong	-282 Apr 11 j 15:00	16° Υ 04'54	5°23'41
behind sun begin	-285 Nov 13 j 19:44	17° \cap 18'55		min. Earth dist.	-282 Apr 11 j 09:35	16° Υ 13'29	0.28951 AU
behind sun end	-285 Nov 15 j 07:45	19° \cap 12'19		morning rise	-282 Apr 17 j 00:01	12° Υ 48'36	
max. Earth dist.	-285 Nov 15 j 16:44	19° \cap 40'37	1.71005 AU	direct	-282 May 02 j 19:09	8° Υ 01'19	
desc. node	-285 Nov 19 j 15:03	24° \cap 37'34		desc. node	-282 May 06 j 09:49	8° Υ 16'13	
	-285 Nov 23 j 21:30	0° \mathcal{A}		greatest brilliancy	-282 May 15 j 13:33	10° Υ 54'23	-4.5m
	-285 Dec 17 j 18:22	0° \mathcal{B}			-282 Jun 12 j 02:32	0° \mathcal{B}	
evening rise	-285 Dec 26 j 08:54	10° \mathcal{B} 47'31		morning max el	-282 Jun 20 j 13:53	7° \mathcal{B} 47'57	45°45'47
	-284 Jan 10 j 17:28	0° \approx			-282 Jul 12 j 09:40	0° Π	
	-284 Feb 03 j 20:16	0° \mathcal{H}		asc. node	-282 Aug 08 j 08:04	0° \mathcal{G}	
	-284 Feb 28 j 05:01	0° Υ			-282 Aug 27 j 13:01	22° \mathcal{G} 30'11	
asc. node	-284 Mar 11 j 17:54	15° Υ 16'10			-282 Sep 02 j 19:33	0° Ω	
	-284 Mar 23 j 22:42	0° \mathcal{B}			-282 Sep 27 j 10:51	0° \cap	
	-284 Apr 18 j 05:16	0° Π			-282 Oct 21 j 14:30	0° $\underline{\cap}$	
	-284 May 14 j 08:04	0° \mathcal{G}			-282 Nov 14 j 12:42	0° \cap	
	-284 Jun 11 j 02:08	0° Ω		desc. node	-282 Dec 08 j 09:30	0° \mathcal{A}	
evening max el	-284 Jun 23 j 10:41	12° Ω 17'11	45°37'36		-282 Dec 17 j 02:54	10° \mathcal{A} 57'47	
desc. node	-284 Jul 01 j 07:39	19° Ω 33'48		morning set	-282 Dec 20 j 08:57	15° \mathcal{A} 02'47	
	-284 Jul 14 j 00:27	0° \cap			-281 Jan 01 j 07:03	0° \mathcal{B}	
greatest brilliancy	-284 Jul 31 j 06:45	9° \cap 58'19	-4.5m		-281 Jan 25 j 06:27	0° \approx	
retrograde	-284 Aug 11 j 08:38	12° \cap 09'19		superior conj	-281 Jan 30 j 23:22	7° \approx 07'07	-1°-20'-52
evening set	-284 Aug 29 j 07:53	6° \cap 09'10		minimum elong	-281 Jan 30 j 16:27	6° \approx 45'33	1°20'47
inferior conj	-284 Sep 01 j 08:14	4° \cap 19'52	-8°-46'-8	max. Earth dist.	-281 Feb 04 j 06:08	12° \approx 27'24	1.71996 AU
minimum elong	-284 Sep 01 j 10:51	4° \cap 15'52	8°46'04		-281 Feb 18 j 08:30	0° \mathcal{H}	
min. Earth dist.	-284 Sep 02 j 00:58	3° \cap 54'17	0.27742 AU	evening rise	-281 Mar 11 j 13:43	26° \mathcal{H} 16'50	
morning rise	-284 Sep 04 j 13:39	2° \cap 22'48			-281 Mar 14 j 14:02	0° Υ	
	-284 Sep 08 j 20:40	30° $\mathcal{R}\Omega$			-281 Apr 07 j 23:49	0° \mathcal{B}	
direct	-284 Sep 22 j 10:47	26° Ω 21'23		asc. node	-281 Apr 09 j 05:45	1° \mathcal{B} 31'37	
greatest brilliancy	-284 Oct 06 j 12:55	29° Ω 58'47	-4.6m		-281 May 02 j 14:27	0° Π	
	-284 Oct 06 j 13:55	0° \cap			-281 May 27 j 10:50	0° \mathcal{G}	
asc. node	-284 Oct 22 j 10:21	10° \cap 27'47			-281 Jun 21 j 15:08	0° Ω	
morning max el	-284 Nov 12 j 05:12	29° \cap 45'09	46°52'56		-281 Jul 17 j 08:11	0° \cap	
	-284 Nov 12 j 11:01	0° $\underline{\cap}$		desc. node	-281 Jul 29 j 19:34	14° \cap 12'10	
	-284 Dec 09 j 21:03	0° \cap			-281 Aug 13 j 01:04	0° $\underline{\cap}$	
	-283 Jan 04 j 11:35	0° \mathcal{A}		evening max el	-281 Sep 05 j 20:29	24° $\underline{\cap}$ 51'11	46°51'55
	-283 Jan 29 j 11:05	0° \mathcal{B}			-281 Sep 11 j 04:21	0° \cap	
desc. node	-283 Feb 11 j 00:37	15° \mathcal{B} 12'51		greatest brilliancy	-281 Oct 15 j 00:58	24° \cap 40'15	-4.7m
	-283 Feb 23 j 04:55	0° \approx		retrograde	-281 Oct 26 j 00:10	26° \cap 54'33	
	-283 Mar 19 j 20:34	0° \mathcal{H}		evening set	-281 Nov 09 j 12:31	22° \cap 45'57	
	-283 Apr 13 j 11:13	0° Υ		inferior conj	-281 Nov 15 j 13:00	19° \cap 14'49	-1°-8'-18
	-283 May 08 j 00:55	0° \mathcal{B}		minimum elong	-281 Nov 15 j 15:36	19° \cap 10'52	1°07'30
morning set	-283 May 16 j 09:56	10° \mathcal{B} 14'30		min. Earth dist.	-281 Nov 15 j 12:12	19° \cap 16'03	0.26339 AU
	-283 Jun 01 j 12:57	0° Π		asc. node	-281 Nov 19 j 22:17	16° \cap 37'55	
asc. node	-283 Jun 04 j 03:24	3° Π 11'37		morning rise	-281 Nov 21 j 18:37	15° \cap 37'01	
max. Earth dist.	-283 Jun 18 j 22:47	21° Π 23'37	1.73429 AU	direct	-281 Dec 05 j 20:12	11° \cap 39'46	
				greatest brilliancy	-281 Dec 17 j 18:54	14° \cap 19'42	-4.7m
superior conj	-283 Jun 21 j 15:40	24° Π 43'21	0°39'52		-280 Jan 09 j 19:58	0° \mathcal{A}	
minimum elong	-283 Jun 21 j 08:33	24° Π 21'27	0°39'34	morning max el	-280 Jan 25 j 03:03	14° \mathcal{A} 23'10	46°43'03
	-283 Jun 25 j 22:27	0° \mathcal{G}			-280 Feb 09 j 02:55	0° \mathcal{B}	
	-283 Jul 20 j 05:09	0° Ω			-280 Mar 07 j 01:34	0° \approx	
evening rise	-283 Jul 27 j 10:41	8° Ω 57'24		desc. node	-280 Mar 10 j 12:30	3° \approx 57'24	
	-283 Aug 13 j 09:55	0° \cap			-280 Apr 01 j 22:39	0° \mathcal{H}	
	-283 Sep 06 j 14:13	0° $\underline{\cap}$			-280 Apr 27 j 07:50	0° Υ	
desc. node	-283 Sep 23 j 17:25	21° $\underline{\cap}$ 13'34			-280 May 22 j 09:37	0° \mathcal{B}	
	-283 Sep 30 j 19:35	0° \cap			-280 Jun 16 j 05:03	0° Π	
	-283 Oct 25 j 03:22	0° \mathcal{A}		asc. node	-280 Jul 01 j 15:19	18° Π 49'28	
	-283 Nov 18 j 15:54	0° \mathcal{B}			-280 Jul 10 j 17:59	0° \mathcal{G}	
	-283 Dec 13 j 15:01	0° \approx		morning set	-280 Jul 22 j 21:33	14° \mathcal{G} 58'24	
	-282 Jan 08 j 15:08	0° \mathcal{H}			-280 Aug 04 j 00:40	0° Ω	
asc. node	-282 Jan 14 j 20:01	6° \mathcal{H} 49'56		max. Earth dist.	-280 Aug 25 j 05:03	26° Ω 23'12	1.72008 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-280 Aug 28 j 02:26	0°♍		minimum elong	-277 Jan 28 j 01:59	4°≈41'42	8°07'49
				morning rise	-277 Jan 31 j 18:31	2°≈24'36	
superior conj	-280 Aug 28 j 19:41	0°♍53'52	1°24'21		-277 Feb 05 j 02:18	30°♌♊	
minimum elong	-280 Aug 28 j 21:01	0°♍58'05	1°24'22	direct	-277 Feb 18 j 01:58	26°♊35'33	
	-280 Sep 21 j 01:25	0°♊		greatest brilliancy	-277 Feb 28 j 18:26	28°♊42'13	-4.6m
evening rise	-280 Oct 06 j 14:02	19°♊28'17			-277 Mar 03 j 20:43	0°≈	
	-280 Oct 14 j 23:34	0°♌		desc. node	-277 Apr 08 j 00:08	26°≈58'46	
desc. node	-280 Oct 21 j 05:17	7°♌49'14		morning max el	-277 Apr 08 j 07:21	27°≈16'08	46°01'38
	-280 Nov 07 j 22:17	0°♌			-277 Apr 11 j 02:42	0°♌	
	-280 Dec 01 j 22:41	0°♊			-277 May 09 j 17:36	0°♍	
	-280 Dec 26 j 02:41	0°≈			-277 Jun 05 j 08:53	0°♌	
	-279 Jan 19 j 14:01	0°♌			-277 Jul 01 j 01:22	0°♌	
asc. node	-279 Feb 11 j 08:00	27°♌17'02			-277 Jul 26 j 02:22	0°♊	
	-279 Feb 13 j 15:16	0°♍		asc. node	-277 Jul 30 j 03:11	4°♊53'39	
	-279 Mar 11 j 18:36	0°♌			-277 Aug 19 j 15:13	0°♌	
	-279 Apr 09 j 07:37	0°♌			-277 Sep 12 j 18:58	0°♍	
evening max el	-279 Apr 10 j 18:53	1°♌25'12	45°21'39	greatest brilliancy	-277 Sep 19 j 14:28	8°♍31'20	-3.9m
greatest brilliancy	-279 May 15 j 06:24	27°♌39'42	-4.5m	morning set	-277 Oct 02 j 16:24	24°♍56'06	
	-279 May 21 j 13:55	0°♊			-277 Oct 06 j 17:06	0°♊	
retrograde	-279 May 29 j 07:16	1°♊06'01			-277 Oct 30 j 12:52	0°♌	
desc. node	-279 Jun 02 j 21:52	0°♊40'53					
	-279 Jun 05 j 18:23	30°♌♌		superior conj	-277 Nov 11 j 20:15	15°♌30'15	0°16'15
evening set	-279 Jun 13 j 11:49	26°♌41'37		minimum elong	-277 Nov 12 j 00:31	15°♌43'42	0°16'03
inferior conj	-279 Jun 19 j 18:29	22°♌58'00	-3°-49'-2	behind sun begin	-277 Nov 11 j 19:22	15°♌27'28	
minimum elong	-279 Jun 19 j 10:44	23°♌10'01	3°47'00	behind sun end	-277 Nov 12 j 05:41	15°♌59'56	
min. Earth dist.	-279 Jun 19 j 22:20	22°♌52'01	0.28873 AU	max. Earth dist.	-277 Nov 13 j 00:09	16°♌58'07	1.71003 AU
morning rise	-279 Jun 25 j 09:17	19°♌34'54		desc. node	-277 Nov 18 j 17:12	24°♌09'35	
direct	-279 Jul 11 j 09:50	14°♌41'02			-277 Nov 23 j 08:32	0°♌	
greatest brilliancy	-279 Jul 25 j 19:48	18°♌17'13	-4.5m		-277 Dec 17 j 05:26	0°♊	
	-279 Aug 12 j 16:30	0°♊		evening rise	-277 Dec 23 j 18:39	8°♊12'58	
morning max el	-279 Aug 29 j 21:25	15°♊30'28	46°14'49		-276 Jan 10 j 04:34	0°≈	
	-279 Sep 12 j 23:46	0°♌			-276 Feb 03 j 07:28	0°♌	
asc. node	-279 Sep 24 j 00:44	12°♌04'48			-276 Feb 27 j 16:28	0°♍	
	-279 Oct 09 j 16:38	0°♍		asc. node	-276 Mar 10 j 19:53	14°♍46'51	
	-279 Nov 03 j 19:51	0°♊			-276 Mar 23 j 10:37	0°♌	
	-279 Nov 28 j 06:45	0°♌			-276 Apr 17 j 18:07	0°♌	
	-279 Dec 22 j 11:21	0°♌			-276 May 13 j 22:46	0°♊	
desc. node	-278 Jan 13 j 14:49	27°♌31'33			-276 Jun 10 j 21:26	0°♌	
	-278 Jan 15 j 14:36	0°♊		evening max el	-276 Jun 21 j 01:27	10°♌02'42	45°35'43
	-278 Feb 08 j 18:37	0°≈		desc. node	-276 Jun 30 j 09:50	18°♌37'19	
	-278 Mar 05 j 00:12	0°♌			-276 Jul 14 j 19:04	0°♍	
morning set	-278 Mar 06 j 01:22	1°♌17'49		greatest brilliancy	-276 Jul 28 j 18:42	7°♍38'48	-4.5m
	-278 Mar 29 j 07:37	0°♍		retrograde	-276 Aug 08 j 21:47	9°♍50'33	
				evening set	-276 Aug 26 j 21:42	3°♍50'16	
superior conj	-278 Apr 12 j 22:03	17°♍58'35	0°-52'-21	inferior conj	-276 Aug 29 j 22:07	2°♍00'32	-8°-47'-53
minimum elong	-278 Apr 13 j 07:04	18°♍26'19	0°52'01	minimum elong	-276 Aug 29 j 23:51	1°♍57'54	8°47'51
max. Earth dist.	-278 Apr 14 j 05:29	19°♍35'17	1.73426 AU	min. Earth dist.	-276 Aug 30 j 14:12	1°♍35'55	0.27801 AU
	-278 Apr 22 j 16:48	0°♌		morning rise	-276 Sep 02 j 01:50	0°♍05'42	
asc. node	-278 May 06 j 17:40	17°♌14'15			-276 Sep 02 j 05:41	30°♌♌	
	-278 May 17 j 03:16	0°♌		direct	-276 Sep 20 j 01:34	24°♌01'22	
evening rise	-278 May 19 j 16:03	3°♌06'23		greatest brilliancy	-276 Oct 04 j 03:17	27°♌37'38	-4.6m
	-278 Jun 10 j 14:35	0°♊			-276 Oct 08 j 13:12	0°♍	
	-278 Jul 05 j 02:54	0°♌		asc. node	-276 Oct 21 j 12:31	9°♍18'57	
	-278 Jul 29 j 17:20	0°♍		morning max el	-276 Nov 09 j 18:46	27°♍20'07	46°52'07
	-278 Aug 23 j 11:50	0°♊			-276 Nov 12 j 08:51	0°♊	
desc. node	-278 Aug 26 j 07:29	3°♊23'39			-276 Dec 09 j 13:14	0°♌	
	-278 Sep 17 j 13:22	0°♌			-275 Jan 04 j 01:34	0°♌	
	-278 Oct 13 j 03:52	0°♌			-275 Jan 28 j 23:52	0°♊	
	-278 Nov 09 j 00:44	0°♊		desc. node	-275 Feb 10 j 02:40	14°♊41'36	
evening max el	-278 Nov 17 j 07:57	8°♊41'03	47°23'38		-275 Feb 22 j 16:57	0°≈	
	-278 Dec 10 j 12:07	0°≈			-275 Mar 19 j 08:04	0°♌	
asc. node	-278 Dec 17 j 10:16	4°≈59'32			-275 Apr 12 j 22:21	0°♍	
greatest brilliancy	-278 Dec 25 j 01:01	9°≈18'33	-4.7m		-275 May 07 j 11:51	0°♌	
retrograde	-277 Jan 07 j 10:28	12°≈40'20		morning set	-275 May 14 j 04:16	8°♌10'31	
evening set	-277 Jan 24 j 09:48	6°≈58'03			-275 May 31 j 23:46	0°♌	
min. Earth dist.	-277 Jan 27 j 10:00	5°≈06'48	0.27672 AU	asc. node	-275 Jun 03 j 05:35	2°♌45'07	
inferior conj	-277 Jan 28 j 08:36	4°≈31'18	8°08'32	max. Earth dist.	-275 Jun 16 j 18:10	19°♌22'27	1.73455 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-275 Jun 19 j 10:22	22° Π 39'58	0°37'06			-272 Jan 10 j 03:35	0° \mathcal{A}	
minimum elong	-275 Jun 19 j 03:38	22° Π 19'14	0°36'48	morning max el		-272 Jan 22 j 16:18	11° \mathcal{A} 57'32	46°44'13
	-275 Jun 25 j 09:14	0° \mathfrak{S}				-272 Feb 08 j 21:36	0° \mathfrak{S}	
	-275 Jul 19 j 16:01	0° Ω				-272 Mar 06 j 16:34	0° \approx	
evening rise	-275 Jul 25 j 04:46	6° Ω 50'56		desc. node		-272 Mar 09 j 14:29	3° \approx 20'50	
	-275 Aug 12 j 20:57	0° \mathfrak{M}				-272 Apr 01 j 11:55	0° \mathcal{H}	
	-275 Sep 06 j 01:33	0° $\underline{\mathfrak{A}}$				-272 Apr 26 j 20:07	0° \mathcal{Y}	
desc. node	-275 Sep 22 j 19:26	20° $\underline{\mathfrak{A}}$ 43'56				-272 May 21 j 21:16	0° \mathcal{B}	
	-275 Sep 30 j 07:20	0° \mathfrak{M}				-272 Jun 15 j 16:19	0° Π	
	-275 Oct 24 j 15:37	0° \mathcal{A}		asc. node		-272 Jun 30 j 17:21	18° Π 21'35	
	-275 Nov 18 j 04:51	0° \mathfrak{S}				-272 Jul 10 j 05:04	0° \mathfrak{S}	
	-275 Dec 13 j 05:11	0° \approx		morning set		-272 Jul 20 j 14:43	12° \mathfrak{S} 49'01	
	-274 Jan 08 j 07:57	0° \mathcal{H}				-272 Aug 03 j 11:42	0° Ω	
asc. node	-274 Jan 13 j 22:08	6° \mathcal{H} 07'18		max. Earth dist.		-272 Aug 22 j 21:27	24° Ω 09'55	1.72062 AU
evening max el	-274 Jan 27 j 17:24	20° \mathcal{H} 32'40	46°23'54					
	-274 Feb 06 j 13:34	0° \mathcal{Y}		superior conj		-272 Aug 26 j 11:28	28° Ω 38'34	1°24'31
greatest brilliancy	-274 Mar 03 j 22:44	18° \mathcal{Y} 39'10	-4.5m	minimum elong		-272 Aug 26 j 12:02	28° Ω 40'21	1°24'31
retrograde	-274 Mar 18 j 13:08	22° \mathcal{Y} 27'15				-272 Aug 27 j 13:32	0° \mathfrak{M}	
evening set	-274 Apr 04 j 01:24	17° \mathcal{Y} 10'13				-272 Sep 20 j 12:36	0° $\underline{\mathfrak{A}}$	
inferior conj	-274 Apr 08 j 22:16	14° \mathcal{Y} 09'17	5°40'50	evening rise		-272 Oct 04 j 02:18	17° $\underline{\mathfrak{A}}$ 01'00	
minimum elong	-274 Apr 09 j 07:37	13° \mathcal{Y} 54'27	5°38'48			-272 Oct 14 j 10:52	0° \mathfrak{M}	
min. Earth dist.	-274 Apr 09 j 01:54	14° \mathcal{Y} 03'31	0.28935 AU	desc. node		-272 Oct 20 j 07:27	7° \mathfrak{M} 20'28	
morning rise	-274 Apr 14 j 14:04	10° \mathcal{Y} 41'24				-272 Nov 07 j 09:44	0° \mathcal{A}	
direct	-274 Apr 30 j 10:58	5° \mathcal{Y} 51'22				-272 Dec 01 j 10:20	0° \mathfrak{S}	
desc. node	-274 May 05 j 12:01	6° \mathcal{Y} 20'02				-272 Dec 25 j 14:39	0° \approx	
greatest brilliancy	-274 May 13 j 03:34	8° \mathcal{Y} 42'02	-4.5m			-271 Jan 19 j 02:30	0° \mathcal{H}	
	-274 Jun 12 j 04:40	0° \mathcal{B}		asc. node		-271 Feb 10 j 09:57	26° \mathcal{H} 43'25	
morning max el	-274 Jun 18 j 04:43	5° \mathcal{B} 35'04	45°45'32			-271 Feb 13 j 04:45	0° \mathcal{Y}	
	-274 Jul 12 j 02:21	0° Π				-271 Mar 11 j 10:18	0° \mathcal{B}	
	-274 Aug 07 j 21:51	0° \mathfrak{S}		evening max el		-271 Apr 08 j 10:53	29° \mathcal{B} 14'26	45°22'43
asc. node	-274 Aug 26 j 14:58	21° \mathfrak{S} 58'04				-271 Apr 09 j 05:53	0° Π	
	-274 Sep 02 j 08:03	0° Ω		greatest brilliancy		-271 May 12 j 19:51	25° Π 26'59	-4.5m
	-274 Sep 26 j 22:42	0° \mathfrak{M}		retrograde		-271 May 26 j 23:54	28° Π 56'25	
	-274 Oct 21 j 02:04	0° $\underline{\mathfrak{A}}$		desc. node		-271 Jun 01 j 23:59	28° Π 13'33	
	-274 Nov 14 j 00:06	0° \mathfrak{M}		evening set		-271 Jun 11 j 02:45	24° Π 33'10	
	-274 Dec 07 j 20:48	0° \mathcal{A}		inferior conj		-271 Jun 17 j 10:34	20° Π 47'43	-3°-30'-55
desc. node	-274 Dec 16 j 05:01	10° \mathcal{A} 29'03		minimum elong		-271 Jun 17 j 03:20	20° Π 58'57	3°28'58
morning set	-274 Dec 17 j 18:31	12° \mathcal{A} 26'46		min. Earth dist.		-271 Jun 17 j 14:08	20° Π 42'13	0.28890 AU
	-274 Dec 31 j 18:16	0° \mathfrak{S}		morning rise		-271 Jun 23 j 03:38	17° Π 21'40	
	-273 Jan 24 j 17:36	0° \approx		direct		-271 Jul 09 j 02:27	12° Π 30'26	
				greatest brilliancy		-271 Jul 23 j 12:08	16° Π 06'50	-4.5m
superior conj	-273 Jan 28 j 10:53	4° \approx 38'37	-1°-19'-35			-271 Aug 13 j 00:42	0° \mathfrak{S}	
minimum elong	-273 Jan 28 j 03:08	4° \approx 14'27	1°19'28	morning max el		-271 Aug 27 j 13:49	13° \mathfrak{S} 18'21	46°13'20
max. Earth dist.	-273 Feb 01 j 17:14	9° \approx 57'46	1.71939 AU			-271 Sep 12 j 17:52	0° Ω	
	-273 Feb 17 j 19:35	0° \mathcal{H}		asc. node		-271 Sep 23 j 02:53	11° Ω 25'09	
evening rise	-273 Mar 09 j 03:43	23° \mathcal{H} 57'33				-271 Oct 09 j 07:18	0° \mathfrak{M}	
	-273 Mar 14 j 01:07	0° \mathcal{Y}				-271 Nov 03 j 09:03	0° $\underline{\mathfrak{A}}$	
	-273 Apr 07 j 11:00	0° \mathcal{B}				-271 Nov 27 j 19:10	0° \mathfrak{M}	
asc. node	-273 Apr 08 j 07:51	1° \mathcal{B} 03'48				-271 Dec 21 j 23:18	0° \mathcal{A}	
	-273 May 02 j 01:54	0° Π		desc. node		-270 Jan 12 j 16:50	27° \mathcal{A} 01'40	
	-273 May 26 j 22:48	0° \mathfrak{S}				-270 Jan 15 j 02:12	0° \mathfrak{S}	
	-273 Jun 21 j 04:00	0° Ω				-270 Feb 08 j 05:57	0° \approx	
	-273 Jul 16 j 22:38	0° \mathfrak{M}		morning set		-270 Mar 03 j 15:48	28° \approx 59'34	
desc. node	-273 Jul 28 j 21:35	13° \mathfrak{M} 34'01				-270 Mar 04 j 11:21	0° \mathcal{H}	
	-273 Aug 12 j 18:44	0° $\underline{\mathfrak{A}}$				-270 Mar 28 j 18:38	0° \mathcal{Y}	
evening max el	-273 Sep 03 j 08:23	22° $\underline{\mathfrak{A}}$ 23'47	46°49'30					
	-273 Sep 11 j 07:31	0° \mathfrak{M}		superior conj		-270 Apr 10 j 14:58	15° \mathcal{Y} 49'13	0°-54'-54
greatest brilliancy	-273 Oct 12 j 15:04	22° \mathfrak{M} 12'42	-4.7m	minimum elong		-270 Apr 11 j 00:11	16° \mathcal{Y} 17'34	0°54'33
retrograde	-273 Oct 23 j 11:59	24° \mathfrak{M} 25'08		max. Earth dist.		-270 Apr 12 j 02:32	17° \mathcal{Y} 38'38	1.73399 AU
evening set	-273 Nov 07 j 02:11	20° \mathfrak{M} 14'20				-270 Apr 22 j 03:45	0° \mathcal{B}	
inferior conj	-273 Nov 13 j 01:12	16° \mathfrak{M} 45'46	-1°-32'-40	asc. node		-270 May 05 j 19:49	16° \mathcal{B} 47'10	
minimum elong	-273 Nov 13 j 04:43	16° \mathfrak{M} 40'26	1°31'34			-270 May 16 j 14:16	0° Π	
min. Earth dist.	-273 Nov 13 j 02:13	16° \mathfrak{M} 44'14	0.26348 AU	evening rise		-270 May 17 j 10:49	1° Π 02'58	
morning rise	-273 Nov 19 j 07:03	13° \mathfrak{M} 07'47				-270 Jun 10 j 01:46	0° \mathfrak{S}	
asc. node	-273 Nov 19 j 00:25	13° \mathfrak{M} 16'37				-270 Jul 04 j 14:24	0° Ω	
direct	-273 Dec 03 j 08:07	9° \mathfrak{M} 10'10				-270 Jul 29 j 05:19	0° \mathfrak{M}	
greatest brilliancy	-273 Dec 15 j 10:37	11° \mathfrak{M} 54'04	-4.7m			-270 Aug 23 j 00:35	0° $\underline{\mathfrak{A}}$	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-270 Aug 25 j 09:31	2°♄51'10		desc. node	-267 Jan 28 j 12:42	0°♄	
	-270 Sep 17 j 03:15	0°♄		desc. node	-267 Feb 09 j 04:40	14°♄09'53	
	-270 Oct 12 j 19:45	0°♄			-267 Feb 22 j 05:02	0°♄	
	-270 Nov 08 j 21:08	0°♄			-267 Mar 18 j 19:37	0°♄	
evening max el	-270 Nov 15 j 00:03	6°♄21'52	47°24'24		-267 Apr 12 j 09:32	0°♄	
	-270 Dec 11 j 06:24	0°♄			-267 May 06 j 22:47	0°♄	
asc. node	-270 Dec 16 j 12:21	3°♄33'32		morning set	-267 May 11 j 22:53	6°♄07'22	
greatest brilliancy	-270 Dec 22 j 17:23	6°♄58'05	-4.7m		-267 May 31 j 10:36	0°♄	
retrograde	-269 Jan 05 j 02:00	10°♄18'13		asc. node	-267 Jun 02 j 07:37	2°♄18'10	
evening set	-269 Jan 21 j 21:09	4°♄41'26		max. Earth dist.	-267 Jun 14 j 14:06	17°♄22'55	1.73486 AU
min. Earth dist.	-269 Jan 24 j 23:24	2°♄47'06	0.27600 AU				
inferior conj	-269 Jan 25 j 23:02	2°♄10'01	8°00'58	superior conj	-267 Jun 17 j 05:19	20°♄37'20	0°34'18
minimum elong	-269 Jan 25 j 15:49	2°♄21'20	8°00'06	minimum elong	-267 Jun 16 j 22:59	20°♄17'51	0°34'02
morning rise	-269 Jan 29 j 10:55	0°♄00'37			-267 Jun 24 j 20:03	0°♄	
	-269 Jan 29 j 11:19	30°♄			-267 Jul 19 j 02:56	0°♄	
direct	-269 Feb 15 j 16:19	24°♄15'44		evening rise	-267 Jul 22 j 23:03	4°♄44'59	
greatest brilliancy	-269 Feb 26 j 06:04	26°♄20'23	-4.6m		-267 Aug 12 j 08:05	0°♄	
	-269 Mar 05 j 22:18	0°♄			-267 Sep 05 j 13:00	0°♄	
morning max el	-269 Apr 05 j 22:22	25°♄01'08	46°02'46	desc. node	-267 Sep 21 j 21:36	20°♄14'30	
desc. node	-269 Apr 07 j 02:21	26°♄08'55			-267 Sep 29 j 19:09	0°♄	
	-269 Apr 11 j 00:13	0°♄			-267 Oct 24 j 03:57	0°♄	
	-269 May 09 j 09:14	0°♄			-267 Nov 17 j 17:55	0°♄	
	-269 Jun 04 j 22:17	0°♄			-267 Dec 12 j 19:33	0°♄	
	-269 Jun 30 j 13:40	0°♄			-266 Jan 08 j 01:09	0°♄	
	-269 Jul 25 j 14:04	0°♄		asc. node	-266 Jan 13 j 00:08	5°♄23'45	
asc. node	-269 Jul 29 j 05:11	4°♄24'25		evening max el	-266 Jan 25 j 07:31	18°♄13'17	46°26'38
	-269 Aug 19 j 02:36	0°♄			-266 Feb 06 j 16:43	0°♄	
	-269 Sep 12 j 06:12	0°♄		greatest brilliancy	-266 Mar 01 j 16:10	16°♄29'26	-4.6m
greatest brilliancy	-269 Sep 20 j 17:01	10°♄34'32	-3.9m	retrograde	-266 Mar 16 j 05:30	20°♄17'21	
morning set	-269 Sep 30 j 05:43	22°♄32'01		evening set	-266 Apr 01 j 20:38	14°♄56'19	
	-269 Oct 06 j 04:18	0°♄		inferior conj	-266 Apr 06 j 14:51	11°♄59'24	5°55'20
	-269 Oct 30 j 00:05	0°♄		minimum elong	-266 Apr 07 j 00:17	11°♄44'26	5°53'22
				min. Earth dist.	-266 Apr 06 j 18:22	11°♄53'48	0.28916 AU
superior conj	-269 Nov 09 j 06:10	12°♄54'55	0°20'08	morning rise	-266 Apr 12 j 04:06	8°♄34'56	
minimum elong	-269 Nov 09 j 11:23	13°♄11'20	0°19'53	direct	-266 Apr 28 j 02:27	3°♄41'44	
max. Earth dist.	-269 Nov 10 j 05:02	14°♄06'54	1.71004 AU	desc. node	-266 May 04 j 14:02	4°♄28'26	
desc. node	-269 Nov 17 j 19:18	23°♄40'41		greatest brilliancy	-266 May 10 j 18:20	6°♄31'05	-4.5m
	-269 Nov 22 j 19:49	0°♄			-266 Jun 12 j 05:14	0°♄	
	-269 Dec 16 j 16:45	0°♄		morning max el	-266 Jun 15 j 20:01	3°♄23'48	45°45'24
evening rise	-269 Dec 21 j 04:22	5°♄37'29			-266 Jul 11 j 18:32	0°♄	
	-268 Jan 09 j 15:54	0°♄			-266 Aug 07 j 11:24	0°♄	
	-268 Feb 02 j 18:52	0°♄		asc. node	-266 Aug 25 j 17:09	21°♄26'56	
	-268 Feb 27 j 04:04	0°♄			-266 Sep 01 j 20:26	0°♄	
asc. node	-268 Mar 09 j 22:03	14°♄17'42			-266 Sep 26 j 10:31	0°♄	
	-268 Mar 22 j 22:42	0°♄			-266 Oct 20 j 13:35	0°♄	
	-268 Apr 17 j 07:09	0°♄			-266 Nov 13 j 11:27	0°♄	
	-268 May 13 j 13:48	0°♄			-266 Dec 07 j 08:01	0°♄	
	-268 Jun 10 j 17:32	0°♄		morning set	-266 Dec 15 j 03:57	9°♄50'29	
evening max el	-268 Jun 18 j 15:40	7°♄46'17	45°33'45	desc. node	-266 Dec 15 j 07:02	10°♄00'09	
desc. node	-268 Jun 29 j 11:50	17°♄38'31			-266 Dec 31 j 05:24	0°♄	
	-268 Jul 15 j 20:42	0°♄			-265 Jan 24 j 04:39	0°♄	
greatest brilliancy	-268 Jul 26 j 07:26	5°♄19'40	-4.5m				
retrograde	-268 Aug 06 j 10:44	7°♄31'43		superior conj	-265 Jan 25 j 22:13	2°♄09'45	-1°-18'-8
evening set	-268 Aug 24 j 11:12	1°♄32'00		minimum elong	-265 Jan 25 j 13:42	1°♄43'10	1°17'59
	-268 Aug 27 j 00:00	30°♄		max. Earth dist.	-265 Jan 30 j 01:46	7°♄20'20	1.71883 AU
inferior conj	-268 Aug 27 j 12:11	29°♄41'17	-8°-48'-38		-265 Feb 17 j 06:36	0°♄	
minimum elong	-268 Aug 27 j 13:01	29°♄40'01	8°48'38	evening rise	-265 Mar 06 j 17:40	21°♄38'22	
min. Earth dist.	-268 Aug 28 j 03:59	29°♄17'03	0.27860 AU		-265 Mar 13 j 12:07	0°♄	
morning rise	-268 Aug 30 j 14:40	27°♄47'59			-265 Apr 06 j 22:05	0°♄	
direct	-268 Sep 17 j 15:56	21°♄41'14		asc. node	-265 Apr 07 j 10:02	0°♄36'34	
greatest brilliancy	-268 Oct 01 j 18:19	25°♄17'09	-4.6m		-265 May 01 j 13:12	0°♄	
	-268 Oct 09 j 21:16	0°♄			-265 May 26 j 10:35	0°♄	
asc. node	-268 Oct 20 j 14:41	8°♄11'36			-265 Jun 20 j 16:41	0°♄	
morning max el	-268 Nov 07 j 07:44	24°♄53'15	46°51'17		-265 Jul 16 j 13:00	0°♄	
	-268 Nov 12 j 06:04	0°♄		desc. node	-265 Jul 27 j 23:36	12°♄56'11	
	-268 Dec 09 j 05:17	0°♄			-265 Aug 12 j 12:35	0°♄	
	-267 Jan 03 j 15:32	0°♄		evening max el	-265 Aug 31 j 20:57	19°♄58'39	46°46'52

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-265 Sep 11 j 12:17	0°♌		superior conj	-262 Apr 08 j 07:28	13°♑39'18	0°-57'-23
greatest brilliancy	-265 Oct 10 j 04:06	19°♌43'55	-4.7m	minimum elong	-262 Apr 08 j 16:50	14°♑08'09	0°57'04
retrograde	-265 Oct 21 j 00:04	21°♌55'27		max. Earth dist.	-262 Apr 10 j 00:24	15°♑45'15	1.73366 AU
evening set	-265 Nov 04 j 15:51	17°♌42'01			-262 Apr 21 j 14:26	0°♐	
inferior conj	-265 Nov 10 j 13:10	14°♌16'12	-1°-57'-1	asc. node	-262 May 04 j 21:48	16°♐20'25	
minimum elong	-265 Nov 10 j 17:34	14°♌09'31	1°55'37	evening rise	-262 May 15 j 05:20	28°♐59'41	
min. Earth dist.	-265 Nov 10 j 15:45	14°♌12'17	0.26363 AU		-262 May 16 j 01:00	0°♐	
morning rise	-265 Nov 16 j 19:04	10°♌38'34			-262 Jun 09 j 12:40	0°♐	
asc. node	-265 Nov 18 j 02:26	9°♌58'26			-262 Jul 04 j 01:35	0°♐	
direct	-265 Nov 30 j 20:23	6°♌40'05			-262 Jul 28 j 16:59	0°♐	
greatest brilliancy	-265 Dec 13 j 01:41	9°♌27'33	-4.7m		-262 Aug 22 j 12:57	0°♐	
	-264 Jan 10 j 08:57	0°♐		desc. node	-262 Aug 24 j 11:44	2°♐20'24	
morning max el	-264 Jan 20 j 06:23	9°♐34'12	46°45'25		-262 Sep 16 j 16:49	0°♌	
	-264 Feb 08 j 15:42	0°♐			-262 Oct 12 j 11:26	0°♐	
	-264 Mar 06 j 07:12	0°♐			-262 Nov 08 j 17:47	0°♐	
desc. node	-264 Mar 08 j 16:44	2°♐45'47		evening max el	-262 Nov 12 j 15:41	4°♐02'25	47°24'41
	-264 Apr 01 j 00:53	0°♐			-262 Dec 12 j 06:53	0°♐	
	-264 Apr 26 j 08:06	0°♑		asc. node	-262 Dec 15 j 14:23	2°♐04'45	
	-264 May 21 j 08:39	0°♑		greatest brilliancy	-262 Dec 20 j 10:16	4°♐38'14	-4.7m
	-264 Jun 15 j 03:19	0°♐		retrograde	-261 Jan 02 j 16:50	7°♐55'18	
asc. node	-264 Jun 29 j 19:26	17°♐54'43		evening set	-261 Jan 19 j 07:57	2°♐24'37	
	-264 Jul 09 j 15:50	0°♐		min. Earth dist.	-261 Jan 22 j 12:56	0°♐26'10	0.27531 AU
morning set	-264 Jul 18 j 08:23	10°♐42'15			-261 Jan 23 j 05:35	30°♐	
	-264 Aug 02 j 22:25	0°♐		inferior conj	-261 Jan 23 j 13:07	29°♐48'10	7°52'18
max. Earth dist.	-264 Aug 20 j 14:05	21°♐58'26	1.72117 AU	minimum elong	-261 Jan 23 j 05:20	0°♐00'24	7°51'18
				morning rise	-261 Jan 27 j 03:10	27°♐35'29	
superior conj	-264 Aug 24 j 03:41	26°♐25'39	1°24'32	direct	-261 Feb 13 j 06:07	21°♐55'18	
minimum elong	-264 Aug 24 j 03:29	26°♐25'01	1°24'32	greatest brilliancy	-261 Feb 23 j 17:59	23°♐58'16	-4.6m
	-264 Aug 27 j 00:18	0°♐			-261 Mar 07 j 07:27	0°♐	
	-264 Sep 19 j 23:30	0°♐		morning max el	-261 Apr 03 j 12:14	22°♐43'24	46°03'58
evening rise	-264 Oct 01 j 14:48	14°♐35'17		desc. node	-261 Apr 06 j 04:24	25°♐19'46	
	-264 Oct 13 j 21:57	0°♌			-261 Apr 10 j 20:53	0°♐	
desc. node	-264 Oct 19 j 09:32	6°♌52'06			-261 May 09 j 00:27	0°♑	
	-264 Nov 06 j 21:01	0°♐			-261 Jun 04 j 11:20	0°♑	
	-264 Nov 30 j 21:51	0°♐			-261 Jun 30 j 01:37	0°♐	
	-264 Dec 25 j 02:29	0°♐			-261 Jul 25 j 01:26	0°♐	
	-263 Jan 18 j 14:51	0°♐		asc. node	-261 Jul 28 j 07:19	3°♐56'30	
asc. node	-263 Feb 09 j 12:08	26°♐10'58			-261 Aug 18 j 13:39	0°♐	
	-263 Feb 12 j 18:07	0°♑			-261 Sep 11 j 17:06	0°♐	
	-263 Mar 11 j 01:59	0°♑		greatest brilliancy	-261 Sep 21 j 17:48	12°♐33'22	-3.9m
evening max el	-263 Apr 06 j 03:38	27°♐06'17	45°23'54	morning set	-261 Sep 27 j 19:29	20°♐10'28	
	-263 Apr 09 j 04:45	0°♐			-261 Oct 05 j 15:08	0°♐	
greatest brilliancy	-263 May 10 j 10:38	23°♐16'58	-4.5m		-261 Oct 29 j 10:56	0°♌	
retrograde	-263 May 24 j 16:31	26°♐47'53					
desc. node	-263 Jun 01 j 02:01	25°♐42'50		superior conj	-261 Nov 06 j 16:43	10°♌22'50	0°23'55
evening set	-263 Jun 08 j 18:01	22°♐25'56		minimum elong	-261 Nov 06 j 22:49	10°♌42'00	0°23'37
inferior conj	-263 Jun 15 j 02:46	18°♐38'46	-3°-12'-30	max. Earth dist.	-261 Nov 07 j 08:55	11°♌13'48	1.71007 AU
minimum elong	-263 Jun 14 j 20:04	18°♐49'10	3°10'42	desc. node	-261 Nov 16 j 21:17	23°♌12'43	
min. Earth dist.	-263 Jun 15 j 06:01	18°♐33'42	0.28901 AU		-261 Nov 22 j 06:43	0°♐	
morning rise	-263 Jun 20 j 21:56	15°♐09'47			-261 Dec 16 j 03:42	0°♐	
direct	-263 Jul 06 j 19:19	10°♐21'26		evening rise	-261 Dec 18 j 14:17	3°♐03'42	
greatest brilliancy	-263 Jul 21 j 03:08	13°♐56'13	-4.5m		-260 Jan 09 j 02:55	0°♐	
	-263 Aug 13 j 05:58	0°♐			-260 Feb 02 j 06:00	0°♐	
morning max el	-263 Aug 25 j 05:59	11°♐07'13	46°11'54		-260 Feb 26 j 15:29	0°♑	
	-263 Sep 12 j 11:05	0°♐		asc. node	-260 Mar 09 j 00:09	13°♑48'55	
asc. node	-263 Sep 22 j 05:03	10°♐47'20			-260 Mar 22 j 10:37	0°♑	
	-263 Oct 08 j 21:22	0°♐			-260 Apr 16 j 20:05	0°♐	
	-263 Nov 02 j 21:48	0°♐			-260 May 13 j 04:51	0°♐	
	-263 Nov 27 j 07:14	0°♌			-260 Jun 10 j 14:04	0°♐	
	-263 Dec 21 j 10:57	0°♐		evening max el	-260 Jun 16 j 04:59	5°♐28'26	45°32'00
desc. node	-262 Jan 11 j 18:56	26°♐32'45		desc. node	-260 Jun 28 j 13:55	16°♐39'08	
	-262 Jan 14 j 13:34	0°♐			-260 Jul 17 j 08:15	0°♐	
	-262 Feb 07 j 17:05	0°♐		greatest brilliancy	-260 Jul 23 j 19:37	3°♐00'41	-4.5m
morning set	-262 Mar 01 j 05:40	26°♐40'14		retrograde	-260 Aug 03 j 23:36	5°♐13'57	
	-262 Mar 03 j 22:15	0°♐			-260 Aug 20 j 17:20	30°♐	
	-262 Mar 28 j 05:23	0°♑		evening set	-260 Aug 22 j 00:12	29°♐15'06	
				inferior conj	-260 Aug 25 j 02:14	27°♐22'55	-8°-48'-29

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-260 Aug 25 j 02:10	27°Ω23'02	8°48'30	evening rise	-257 Mar 04 j 07:48	19°κ20'12	
min. Earth dist.	-260 Aug 25 j 17:55	26°Ω58'49	0.27915 AU		-257 Mar 12 j 22:59	0°Υ	
morning rise	-260 Aug 28 j 03:55	25°Ω30'41		asc. node	-257 Apr 06 j 12:00	0°Ϡ08'58	
direct	-260 Sep 15 j 06:02	19°Ω21'46			-257 Apr 06 j 09:04	0°Ϡ	
greatest brilliancy	-260 Sep 29 j 10:17	22°Ω58'53	-4.6m		-257 May 01 j 00:29	0°Π	
	-260 Oct 10 j 19:54	0°η			-257 May 25 j 22:26	0°Ϡ	
asc. node	-260 Oct 19 j 16:38	7°η06'28			-257 Jun 20 j 05:30	0°Ω	
morning max el	-260 Nov 04 j 20:51	22°η27'50	46°50'42		-257 Jul 16 j 03:36	0°η	
	-260 Nov 12 j 02:11	0°Δ		desc. node	-257 Jul 27 j 01:48	12°η18'20	
	-260 Dec 08 j 20:41	0°ℓ			-257 Aug 12 j 06:56	0°Δ	
	-259 Jan 03 j 05:00	0°Ϡ		evening max el	-257 Aug 29 j 10:23	17°Δ35'46	46°44'20
	-259 Jan 28 j 01:07	0°Ϡ			-257 Sep 11 j 19:08	0°ℓ	
desc. node	-259 Feb 08 j 06:51	13°Ϡ39'48		greatest brilliancy	-257 Oct 07 j 16:23	17°ℓ14'28	-4.6m
	-259 Feb 21 j 16:46	0°≈		retrograde	-257 Oct 18 j 12:30	19°ℓ25'38	
	-259 Mar 18 j 06:55	0°κ		evening set	-257 Nov 02 j 05:41	15°ℓ09'28	
	-259 Apr 11 j 20:31	0°Υ		inferior conj	-257 Nov 08 j 01:03	11°ℓ46'21	-2°-21'-4
	-259 May 06 j 09:34	0°Ϡ		minimum elong	-257 Nov 08 j 06:19	11°ℓ38'22	2°19'25
morning set	-259 May 09 j 16:57	4°Ϡ02'52		min. Earth dist.	-257 Nov 08 j 04:53	11°ℓ40'33	0.26380 AU
	-259 May 30 j 21:15	0°Π		morning rise	-257 Nov 14 j 06:44	8°ℓ09'26	
asc. node	-259 Jun 01 j 09:40	1°Π51'43		asc. node	-257 Nov 17 j 04:33	6°ℓ44'14	
max. Earth dist.	-259 Jun 12 j 10:28	15°Π25'16	1.73514 AU	direct	-257 Nov 28 j 09:04	4°ℓ09'53	
				greatest brilliancy	-257 Dec 10 j 15:52	6°ℓ59'44	-4.7m
superior conj	-259 Jun 14 j 23:46	18°Π33'44	0°31'26		-256 Jan 10 j 12:31	0°Ϡ	
minimum elong	-259 Jun 14 j 17:52	18°Π15'38	0°31'10	morning max el	-256 Jan 17 j 21:00	7°Ϡ12'07	46°46'39
	-259 Jun 24 j 06:42	0°Ϡ			-256 Feb 08 j 09:23	0°Ϡ	
	-259 Jul 18 j 13:41	0°Ω			-256 Mar 05 j 21:37	0°≈	
evening rise	-259 Jul 20 j 17:06	2°Ω39'02		desc. node	-256 Mar 07 j 18:43	2°≈10'22	
	-259 Aug 11 j 19:04	0°η			-256 Mar 31 j 13:43	0°κ	
	-259 Sep 05 j 00:18	0°Δ			-256 Apr 25 j 20:02	0°Υ	
desc. node	-259 Sep 20 j 23:37	19°Δ45'06			-256 May 20 j 20:01	0°Ϡ	
	-259 Sep 29 j 06:50	0°ℓ			-256 Jun 14 j 14:21	0°Π	
	-259 Oct 23 j 16:07	0°Ϡ		asc. node	-256 Jun 28 j 21:34	17°Π27'41	
	-259 Nov 17 j 06:48	0°Ϡ			-256 Jul 09 j 02:44	0°Ϡ	
	-259 Dec 12 j 09:44	0°≈		morning set	-256 Jul 16 j 01:51	8°Ϡ34'34	
	-258 Jan 07 j 18:21	0°κ			-256 Aug 02 j 09:17	0°Ω	
asc. node	-258 Jan 12 j 02:18	4°κ41'02		max. Earth dist.	-256 Aug 18 j 03:58	19°Ω38'04	1.72172 AU
evening max el	-258 Jan 22 j 21:34	15°κ54'37	46°29'20				
	-258 Feb 06 j 21:14	0°Υ		superior conj	-256 Aug 21 j 19:44	24°Ω11'49	1°24'25
greatest brilliancy	-258 Feb 27 j 08:08	14°Υ18'16	-4.6m	minimum elong	-256 Aug 21 j 18:46	24°Ω08'48	1°24'25
retrograde	-258 Mar 13 j 22:01	18°Υ07'43			-256 Aug 26 j 11:14	0°η	
evening set	-258 Mar 30 j 15:43	12°Υ42'20			-256 Sep 19 j 10:33	0°Δ	
inferior conj	-258 Apr 04 j 07:19	9°Υ49'29	6°09'17	evening rise	-256 Sep 29 j 03:08	12°Δ08'39	
minimum elong	-258 Apr 04 j 16:46	9°Υ34'31	6°07'24		-256 Oct 13 j 09:10	0°ℓ	
min. Earth dist.	-258 Apr 04 j 10:32	9°Υ44'23	0.28903 AU	desc. node	-256 Oct 18 j 11:30	6°ℓ23'01	
morning rise	-258 Apr 09 j 17:56	6°Υ28'50			-256 Nov 06 j 08:26	0°Ϡ	
direct	-258 Apr 25 j 17:56	1°Υ31'51			-256 Nov 30 j 09:32	0°Ϡ	
desc. node	-258 May 03 j 16:04	2°Υ40'50			-256 Dec 24 j 14:29	0°≈	
greatest brilliancy	-258 May 08 j 09:41	4°Υ20'53	-4.5m		-255 Jan 18 j 03:23	0°κ	
	-258 Jun 12 j 04:41	0°Ϡ		asc. node	-255 Feb 08 j 14:14	25°κ37'49	
morning max el	-258 Jun 13 j 12:10	1°Ϡ14'37	45°45'15		-255 Feb 12 j 07:40	0°Υ	
	-258 Jul 11 j 10:25	0°Π			-255 Mar 10 j 17:59	0°Ϡ	
	-258 Aug 07 j 00:46	0°Ϡ		evening max el	-255 Apr 03 j 20:26	24°Ϡ58'04	45°25'06
asc. node	-258 Aug 24 j 19:15	20°Ϡ55'57			-255 Apr 09 j 04:40	0°Π	
	-258 Sep 01 j 08:40	0°Ω		greatest brilliancy	-255 May 08 j 02:14	21°Π07'57	-4.5m
	-258 Sep 25 j 22:12	0°η		retrograde	-255 May 22 j 08:43	24°Π39'17	
	-258 Oct 20 j 00:59	0°Δ		desc. node	-255 May 31 j 04:06	23°Π07'27	
	-258 Nov 12 j 22:42	0°ℓ		evening set	-255 Jun 06 j 09:35	20°Π18'31	
	-258 Dec 06 j 19:08	0°Ϡ		inferior conj	-255 Jun 12 j 19:04	16°Π29'49	-2°-53'-59
morning set	-258 Dec 12 j 13:38	7°Ϡ15'14		minimum elong	-255 Jun 12 j 12:57	16°Π39'20	2°52'18
desc. node	-258 Dec 14 j 09:08	9°Ϡ31'55		min. Earth dist.	-255 Jun 12 j 22:13	16°Π24'54	0.28915 AU
	-258 Dec 30 j 16:24	0°Ϡ		morning rise	-255 Jun 18 j 16:11	12°Π57'49	
				direct	-255 Jul 04 j 12:13	8°Π12'22	
superior conj	-257 Jan 23 j 09:41	29°Ϡ41'40	-1°-16'-32	greatest brilliancy	-255 Jul 18 j 17:31	11°Π44'17	-4.5m
minimum elong	-257 Jan 23 j 00:28	29°Ϡ12'54	1°16'21		-255 Aug 13 j 09:44	0°Ϡ	
	-257 Jan 23 j 15:33	0°≈		morning max el	-255 Aug 22 j 21:30	8°Ϡ53'46	46°10'18
max. Earth dist.	-257 Jan 27 j 10:20	4°≈43'22	1.71827 AU		-255 Sep 12 j 04:17	0°Ω	
	-257 Feb 16 j 17:26	0°κ		asc. node	-255 Sep 21 j 06:59	10°Ω08'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-255 Oct 08 j 11:37	0° \mathbb{M}		-252 Apr 16 j 09:26	0° \mathbb{I}	
	-255 Nov 02 j 10:45	0° \mathbb{L}		-252 May 12 j 20:22	0° \mathbb{S}	
	-255 Nov 26 j 19:29	0° \mathbb{M}		-252 Jun 10 j 11:32	0° \mathbb{Q}	
	-255 Dec 20 j 22:47	0° \mathbb{X}		-252 Jun 13 j 18:25	3° \mathbb{Q} 10'29	45°30'28
desc. node	-254 Jan 10 j 21:03	26° \mathbb{X} 03'15		evening max el		
	-254 Jan 14 j 01:07	0° \mathbb{Z}		desc. node	-252 Jun 27 j 16:04	15° \mathbb{Q} 38'04
	-254 Feb 07 j 04:24	0° \approx			-252 Jul 19 j 14:42	0° \mathbb{M}
morning set	-254 Feb 26 j 19:31	24° \approx 20'11		greatest brilliancy	-252 Jul 21 j 06:36	0° \mathbb{M} 40'31 -4.5m
	-254 Mar 03 j 09:22	0° \mathbb{H}		retrograde	-252 Aug 01 j 13:09	2° \mathbb{M} 56'43
	-254 Mar 27 j 16:20	0° \mathbb{Y}			-252 Aug 13 j 21:24	30° \mathbb{R} \mathbb{Q}
				evening set	-252 Aug 19 j 12:58	26° \mathbb{Q} 59'02
superior conj	-254 Apr 06 j 00:07	11° \mathbb{Y} 29'12 0°-59'-47		inferior conj	-252 Aug 22 j 16:32	25° \mathbb{Q} 04'44 -8°-47'-21
minimum elong	-254 Apr 06 j 09:36	11° \mathbb{Y} 58'23 0°59'28		minimum elong	-252 Aug 22 j 15:34	25° \mathbb{Q} 06'13 8°47'21
max. Earth dist.	-254 Apr 07 j 22:21	13° \mathbb{Y} 51'30 1.73327 AU		min. Earth dist.	-252 Aug 23 j 07:50	24° \mathbb{Q} 41'16 0.27976 AU
	-254 Apr 21 j 01:18	0° \mathbb{X}		morning rise	-252 Aug 25 j 17:57	23° \mathbb{Q} 13'00
asc. node	-254 May 03 j 23:55	15° \mathbb{X} 53'31		direct	-252 Sep 12 j 20:35	17° \mathbb{Q} 02'23
evening rise	-254 May 13 j 00:00	26° \mathbb{X} 56'19		greatest brilliancy	-252 Sep 27 j 03:23	20° \mathbb{Q} 41'59 -4.6m
	-254 May 15 j 11:55	0° \mathbb{I}			-252 Oct 11 j 12:58	0° \mathbb{M}
	-254 Jun 08 j 23:46	0° \mathbb{S}		asc. node	-252 Oct 18 j 18:48	6° \mathbb{M} 02'36
	-254 Jul 03 j 13:02	0° \mathbb{Q}		morning max el	-252 Nov 02 j 10:57	20° \mathbb{M} 03'58 46°49'49
	-254 Jul 28 j 04:58	0° \mathbb{M}			-252 Nov 11 j 22:10	0° \mathbb{L}
	-254 Aug 22 j 01:46	0° \mathbb{L}			-252 Dec 08 j 12:22	0° \mathbb{M}
desc. node	-254 Aug 23 j 13:41	1° \mathbb{L} 47'38			-251 Jan 02 j 18:51	0° \mathbb{X}
	-254 Sep 16 j 06:54	0° \mathbb{M}		desc. node	-251 Jan 27 j 13:55	0° \mathbb{Z}
	-254 Oct 12 j 03:48	0° \mathbb{X}			-251 Feb 07 j 08:53	13° \mathbb{Z} 08'03
	-254 Nov 08 j 15:38	0° \mathbb{Z}			-251 Feb 21 j 04:53	0° \approx
evening max el	-254 Nov 10 j 06:31	1° \mathbb{Z} 39'41 47°25'00			-251 Mar 17 j 18:32	0° \mathbb{H}
	-254 Dec 13 j 18:03	0° \approx			-251 Apr 11 j 07:49	0° \mathbb{Y}
asc. node	-254 Dec 14 j 16:31	0° \approx 31'48			-251 May 05 j 20:39	0° \mathbb{X}
greatest brilliancy	-254 Dec 18 j 03:37	2° \approx 17'43 -4.7m		morning set	-251 May 07 j 11:06	1° \mathbb{X} 57'40
retrograde	-254 Dec 31 j 07:05	5° \approx 31'07			-251 May 30 j 08:13	0° \mathbb{I}
evening set	-253 Jan 16 j 18:42	0° \approx 06'43		asc. node	-251 May 31 j 11:50	1° \mathbb{I} 24'47
	-253 Jan 16 j 23:13	30° \mathbb{R} \mathbb{Z}		max. Earth dist.	-251 Jun 10 j 08:24	13° \mathbb{I} 31'29 1.73538 AU
min. Earth dist.	-253 Jan 20 j 02:49	28° \mathbb{Z} 03'36 0.27460 AU				
inferior conj	-253 Jan 21 j 03:10	27° \mathbb{Z} 25'19 7°42'58		superior conj	-251 Jun 12 j 18:31	16° \mathbb{I} 30'10 0°28'32
minimum elong	-253 Jan 20 j 18:52	27° \mathbb{Z} 38'22 7°41'46		minimum elong	-251 Jun 12 j 13:05	16° \mathbb{I} 13'30 0°28'17
morning rise	-253 Jan 24 j 19:31	25° \mathbb{Z} 09'07			-251 Jun 23 j 17:38	0° \mathbb{S}
direct	-253 Feb 10 j 19:25	19° \mathbb{Z} 33'46		evening rise	-251 Jul 18 j 11:42	0° \mathbb{Q} 33'59
greatest brilliancy	-253 Feb 21 j 06:48	21° \mathbb{Z} 35'57 -4.6m			-251 Jul 18 j 00:43	0° \mathbb{Q}
	-253 Mar 08 j 07:40	0° \approx			-251 Aug 11 j 06:18	0° \mathbb{M}
morning max el	-253 Apr 01 j 01:28	20° \approx 23'05 46°05'19			-251 Sep 04 j 11:51	0° \mathbb{L}
desc. node	-253 Apr 05 j 06:23	24° \approx 30'30		desc. node	-251 Sep 20 j 01:40	19° \mathbb{L} 15'01
	-253 Apr 10 j 17:10	0° \mathbb{H}			-251 Sep 28 j 18:49	0° \mathbb{M}
	-253 May 08 j 15:42	0° \mathbb{Y}			-251 Oct 23 j 04:39	0° \mathbb{X}
	-253 Jun 04 j 00:32	0° \mathbb{X}			-251 Nov 16 j 20:10	0° \mathbb{Z}
	-253 Jun 29 j 13:46	0° \mathbb{I}			-251 Dec 12 j 00:33	0° \approx
	-253 Jul 24 j 13:01	0° \mathbb{S}			-250 Jan 07 j 12:29	0° \mathbb{H}
asc. node	-253 Jul 27 j 09:25	3° \mathbb{S} 27'51		asc. node	-250 Jan 11 j 04:22	3° \mathbb{H} 55'57
	-253 Aug 18 j 00:57	0° \mathbb{Q}		evening max el	-250 Jan 20 j 12:30	13° \mathbb{H} 36'38 46°32'11
	-253 Sep 11 j 04:18	0° \mathbb{M}			-250 Feb 07 j 04:34	0° \mathbb{Y}
greatest brilliancy	-253 Sep 22 j 16:52	14° \mathbb{M} 25'46 -3.9m		greatest brilliancy	-250 Feb 24 j 23:55	12° \mathbb{Y} 05'25 -4.6m
morning set	-253 Sep 25 j 09:08	17° \mathbb{M} 47'26		retrograde	-250 Mar 11 j 14:58	15° \mathbb{Y} 56'38
	-253 Oct 05 j 02:20	0° \mathbb{L}		evening set	-250 Mar 28 j 10:46	10° \mathbb{Y} 26'49
	-253 Oct 28 j 22:12	0° \mathbb{M}		inferior conj	-250 Apr 01 j 23:42	7° \mathbb{Y} 38'05 6°22'52
				minimum elong	-250 Apr 02 j 09:06	7° \mathbb{Y} 23'12 6°21'03
superior conj	-253 Nov 04 j 02:59	7° \mathbb{M} 48'33 0°27'40		min. Earth dist.	-250 Apr 02 j 02:16	7° \mathbb{Y} 34'02 0.28884 AU
minimum elong	-253 Nov 04 j 09:54	8° \mathbb{M} 10'20 0°27'21		morning rise	-250 Apr 07 j 07:35	4° \mathbb{Y} 21'38
max. Earth dist.	-253 Nov 04 j 10:38	8° \mathbb{M} 12'36 1.71017 AU			-250 Apr 17 j 16:21	30° \mathbb{R} \mathbb{H}
desc. node	-253 Nov 15 j 23:27	22° \mathbb{M} 43'56		direct	-250 Apr 23 j 09:44	29° \mathbb{H} 20'40
	-253 Nov 21 j 18:02	0° \mathbb{X}			-250 Apr 29 j 07:48	0° \mathbb{Y}
evening rise	-253 Dec 15 j 23:43	0° \mathbb{Z} 27'14		desc. node	-250 May 02 j 18:15	0° \mathbb{Y} 56'05
	-253 Dec 15 j 15:03	0° \mathbb{Z}		greatest brilliancy	-250 May 06 j 00:30	2° \mathbb{Y} 09'07 -4.5m
	-252 Jan 08 j 14:18	0° \approx		morning max el	-250 Jun 11 j 05:02	29° \mathbb{Y} 06'28 45°45'12
	-252 Feb 01 j 17:31	0° \mathbb{H}			-250 Jun 12 j 03:26	0° \mathbb{X}
	-252 Feb 26 j 03:15	0° \mathbb{Y}			-250 Jul 11 j 02:17	0° \mathbb{I}
asc. node	-252 Mar 08 j 02:07	13° \mathbb{Y} 18'42			-250 Aug 06 j 14:14	0° \mathbb{S}
	-252 Mar 21 j 22:56	0° \mathbb{X}		asc. node	-250 Aug 23 j 21:12	20° \mathbb{S} 24'02
					-250 Aug 31 j 21:02	0° \mathbb{Q}

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-250 Sep 25 j 10:01	0°♎		retrograde	-247 May 20 j 00:26	22°♊30'23	
	-250 Oct 19 j 12:31	0°♏		desc. node	-247 May 30 j 06:11	20°♊27'07	
	-250 Nov 12 j 10:05	0°♌		evening set	-247 Jun 04 j 01:16	18°♊10'36	
	-250 Dec 06 j 06:27	0°♐		inferior conj	-247 Jun 10 j 11:22	14°♊20'46	-2°-35'-14
morning set	-250 Dec 09 j 23:23	4°♐39'31		minimum elong	-247 Jun 10 j 05:51	14°♊29'22	2°33'41
desc. node	-250 Dec 13 j 11:16	9°♐03'06		min. Earth dist.	-247 Jun 10 j 14:45	14°♊15'28	0.28925 AU
	-250 Dec 30 j 03:39	0°♑		morning rise	-247 Jun 16 j 10:15	10°♊45'49	
				direct	-247 Jul 02 j 04:40	6°♊03'16	
superior conj	-249 Jan 20 j 20:34	27°♑10'43	-1°-14'-45	greatest brilliancy	-247 Jul 16 j 07:50	9°♊32'15	-4.5m
minimum elong	-249 Jan 20 j 10:43	26°♑39'54	1°14'31		-247 Aug 13 j 11:50	0°♑	
	-249 Jan 23 j 02:45	0°♒		morning max el	-247 Aug 20 j 11:58	6°♑38'03	46°08'49
max. Earth dist.	-249 Jan 24 j 19:06	2°♒05'58	1.71777 AU		-247 Sep 11 j 21:01	0°♒	
	-249 Feb 16 j 04:36	0°♈		asc. node	-247 Sep 20 j 09:10	9°♒30'30	
evening rise	-249 Mar 01 j 21:18	16°♈59'05			-247 Oct 08 j 01:35	0°♎	
	-249 Mar 12 j 10:08	0°♎			-247 Nov 01 j 23:29	0°♏	
asc. node	-249 Apr 05 j 14:07	29°♎41'03			-247 Nov 26 j 07:33	0°♌	
	-249 Apr 05 j 20:18	0°♐			-247 Dec 20 j 10:27	0°♐	
	-249 Apr 30 j 12:01	0°♊		desc. node	-246 Jan 09 j 23:03	25°♐34'03	
	-249 May 25 j 10:31	0°♑			-246 Jan 13 j 12:29	0°♑	
	-249 Jun 19 j 18:36	0°♒			-246 Feb 06 j 15:31	0°♒	
	-249 Jul 15 j 18:32	0°♎		morning set	-246 Feb 24 j 09:19	22°♒00'25	
desc. node	-249 Jul 26 j 03:47	11°♎39'07			-246 Mar 02 j 20:17	0°♈	
	-249 Aug 12 j 01:51	0°♏			-246 Mar 27 j 03:08	0°♎	
evening max el	-249 Aug 27 j 00:45	15°♏15'16	46°41'47				
	-249 Sep 12 j 04:27	0°♌		superior conj	-246 Apr 03 j 16:36	9°♎18'58	-1°-2'-6
greatest brilliancy	-249 Oct 05 j 04:54	14°♌46'02	-4.6m	minimum elong	-246 Apr 04 j 02:07	9°♎48'15	1°01'47
retrograde	-249 Oct 16 j 01:02	16°♌56'24		max. Earth dist.	-246 Apr 05 j 18:54	11°♎53'50	1.73291 AU
evening set	-249 Oct 30 j 19:58	12°♌37'41			-246 Apr 20 j 12:05	0°♐	
inferior conj	-249 Nov 05 j 13:09	9°♌17'17	-2°-44'-36	asc. node	-246 May 03 j 02:03	15°♐26'58	
minimum elong	-249 Nov 05 j 19:14	9°♌08'05	2°42'45	evening rise	-246 May 10 j 18:20	24°♐52'08	
min. Earth dist.	-249 Nov 05 j 18:04	9°♌09'50	0.26400 AU		-246 May 14 j 22:45	0°♊	
morning rise	-249 Nov 11 j 18:21	5°♌41'13			-246 Jun 08 j 10:46	0°♑	
asc. node	-249 Nov 16 j 06:39	3°♌35'55			-246 Jul 03 j 00:21	0°♒	
direct	-249 Nov 25 j 22:14	1°♌40'42			-246 Jul 27 j 16:49	0°♎	
greatest brilliancy	-249 Dec 08 j 05:30	4°♌31'37	-4.7m		-246 Aug 21 j 14:27	0°♏	
	-248 Jan 10 j 14:34	0°♐		desc. node	-246 Aug 22 j 15:44	1°♏15'40	
morning max el	-248 Jan 15 j 11:07	4°♐48'34	46°47'31		-246 Sep 15 j 20:55	0°♌	
	-248 Feb 08 j 02:49	0°♑			-246 Oct 11 j 20:13	0°♐	
	-248 Mar 05 j 12:05	0°♒		evening max el	-246 Nov 07 j 20:34	29°♐15'36	47°25'14
desc. node	-248 Mar 06 j 20:44	1°♒34'41			-246 Nov 08 j 14:01	0°♑	
	-248 Mar 31 j 02:40	0°♈		asc. node	-246 Dec 13 j 18:35	28°♑56'15	
	-248 Apr 25 j 08:05	0°♎			-246 Dec 15 j 22:49	0°♒	
	-248 May 20 j 07:30	0°♐		greatest brilliancy	-246 Dec 15 j 20:56	29°♑57'49	-4.7m
	-248 Jun 14 j 01:28	0°♊		retrograde	-246 Dec 28 j 21:04	3°♒08'01	
asc. node	-248 Jun 27 j 23:36	17°♊00'11			-245 Jan 10 j 05:35	30°♒♑	
	-248 Jul 08 j 13:40	0°♑		evening set	-245 Jan 14 j 05:26	27°♑49'46	
morning set	-248 Jul 13 j 19:24	6°♑27'03		min. Earth dist.	-245 Jan 17 j 17:05	25°♑41'39	0.27388 AU
	-248 Aug 01 j 20:11	0°♒		inferior conj	-245 Jan 18 j 17:19	25°♑03'36	7°32'40
max. Earth dist.	-248 Aug 15 j 16:53	17°♒14'44	1.72227 AU	minimum elong	-245 Jan 18 j 08:34	25°♑17'21	7°31'17
				morning rise	-245 Jan 22 j 12:07	22°♑43'41	
superior conj	-248 Aug 19 j 12:07	21°♒59'06	1°24'10	direct	-245 Feb 08 j 08:21	17°♑13'10	
minimum elong	-248 Aug 19 j 10:26	21°♒53'49	1°24'10	greatest brilliancy	-245 Feb 18 j 20:39	19°♑15'49	-4.6m
	-248 Aug 25 j 22:12	0°♎			-245 Mar 09 j 01:00	0°♒	
	-248 Sep 18 j 21:37	0°♏		morning max el	-245 Mar 29 j 14:32	18°♒03'15	46°06'39
evening rise	-248 Sep 26 j 15:58	9°♏43'35		desc. node	-245 Apr 04 j 08:37	23°♒43'40	
	-248 Oct 12 j 20:22	0°♌			-245 Apr 10 j 12:27	0°♈	
desc. node	-248 Oct 17 j 13:41	5°♌54'38			-245 May 08 j 06:28	0°♎	
	-248 Nov 05 j 19:49	0°♐			-245 Jun 03 j 13:24	0°♐	
	-248 Nov 29 j 21:09	0°♑			-245 Jun 29 j 01:40	0°♊	
	-248 Dec 24 j 02:26	0°♒			-245 Jul 24 j 00:23	0°♑	
	-247 Jan 17 j 15:54	0°♈		asc. node	-245 Jul 26 j 11:25	2°♑59'30	
asc. node	-247 Feb 07 j 16:10	25°♈04'03			-245 Aug 17 j 12:00	0°♒	
	-247 Feb 11 j 21:21	0°♎			-245 Sep 10 j 15:13	0°♎	
	-247 Mar 10 j 10:20	0°♐		morning set	-245 Sep 22 j 22:53	15°♎25'43	
evening max el	-247 Apr 01 j 12:33	22°♐47'44	45°26'17		-245 Oct 04 j 13:15	0°♏	
	-247 Apr 09 j 05:58	0°♊			-245 Oct 28 j 09:09	0°♌	
greatest brilliancy	-247 May 05 j 18:28	18°♊59'14	-4.5m				

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-245 Nov 01 j 13:25	5°ℳ15'44	0°31'21	morning rise	-242 Apr 04 j 21:05	2°Υ15'23	
minimum elong	-245 Nov 01 j 21:06	5°ℳ39'56	0°31'00		-242 Apr 09 j 04:17	30°℞℥	
max. Earth dist.	-245 Nov 01 j 15:00	5°ℳ20'43	1.71032 AU	direct	-242 Apr 21 j 01:55	27°℥10'29	
desc. node	-245 Nov 15 j 01:31	22°ℳ15'52		desc. node	-242 May 01 j 20:15	29°℥15'51	
	-245 Nov 21 j 05:03	0°♂		greatest brilliancy	-242 May 03 j 14:19	29°℥57'13	-4.5m
evening rise	-245 Dec 13 j 09:19	27°♂52'07			-242 May 03 j 16:58	0°Υ	
	-245 Dec 15 j 02:06	0°♂		morning max el	-242 Jun 08 j 22:00	26°Υ59'48	45°45'09
	-244 Jan 08 j 01:24	0°≈			-242 Jun 12 j 00:50	0°♂	
	-244 Feb 01 j 04:43	0°℥			-242 Jul 10 j 17:30	0°Π	
	-244 Feb 25 j 14:43	0°Υ			-242 Aug 06 j 03:16	0°☿	
asc. node	-244 Mar 07 j 04:18	12°Υ50'09		asc. node	-242 Aug 22 j 23:23	19°☿53'45	
	-244 Mar 21 j 10:55	0°♂			-242 Aug 31 j 09:04	0°♂	
	-244 Apr 15 j 22:30	0°Π			-242 Sep 24 j 21:34	0°℞	
	-244 May 12 j 11:48	0°☿			-242 Oct 18 j 23:50	0°♂	
	-244 Jun 10 j 09:33	0°♂			-242 Nov 11 j 21:14	0°ℳ	
evening max el	-244 Jun 11 j 08:19	0°♂54'31	45°28'54		-242 Dec 05 j 17:29	0°♂	
desc. node	-244 Jun 26 j 18:04	14°♂35'40		morning set	-242 Dec 07 j 09:03	2°♂04'23	
greatest brilliancy	-244 Jul 18 j 16:47	28°♂20'05	-4.5m	desc. node	-242 Dec 12 j 13:15	8°♂34'43	
	-244 Jul 24 j 03:46	0°℞			-242 Dec 29 j 14:36	0°♂	
retrograde	-244 Jul 30 j 03:14	0°℞40'02					
	-244 Aug 04 j 22:53	30°℞♂		superior conj	-241 Jan 18 j 07:13	24°♂39'52	-1°-12'-48
evening set	-244 Aug 17 j 01:16	24°♂44'00		minimum elong	-241 Jan 17 j 20:47	24°♂07'15	1°12'33
inferior conj	-244 Aug 20 j 06:43	22°♂47'03	-8°-45'-24	max. Earth dist.	-241 Jan 22 j 06:51	29°♂38'48	1.71728 AU
minimum elong	-244 Aug 20 j 04:53	22°♂49'51	8°45'22		-241 Jan 22 j 13:39	0°≈	
min. Earth dist.	-244 Aug 20 j 21:18	22°♂24'42	0.28033 AU		-241 Feb 15 j 15:27	0°℥	
morning rise	-244 Aug 23 j 08:17	20°♂55'13		evening rise	-241 Feb 27 j 10:44	14°℥38'33	
direct	-244 Sep 10 j 11:24	14°♂43'41			-241 Mar 11 j 21:00	0°Υ	
greatest brilliancy	-244 Sep 24 j 20:15	18°♂25'50	-4.6m	asc. node	-241 Apr 04 j 16:15	29°Υ14'04	
	-244 Oct 12 j 01:21	0°℞			-241 Apr 05 j 07:17	0°♂	
asc. node	-244 Oct 17 j 20:55	5°℞01'05			-241 Apr 29 j 23:17	0°Π	
morning max el	-244 Oct 31 j 01:44	17°℞43'07	46°48'57		-241 May 24 j 22:22	0°☿	
	-244 Nov 11 j 17:11	0°♂			-241 Jun 19 j 07:29	0°♂	
	-244 Dec 08 j 03:26	0°ℳ			-241 Jul 15 j 09:21	0°℞	
	-243 Jan 02 j 08:11	0°♂		desc. node	-241 Jul 25 j 05:51	11°℞00'32	
	-243 Jan 27 j 02:16	0°♂			-241 Aug 11 j 21:02	0°♂	
desc. node	-243 Feb 06 j 10:53	12°♂37'21		evening max el	-241 Aug 24 j 14:50	12°♂54'39	46°38'54
	-243 Feb 20 j 16:35	0°≈			-241 Sep 12 j 16:47	0°ℳ	
	-243 Mar 17 j 05:47	0°℥		greatest brilliancy	-241 Oct 02 j 18:01	12°ℳ18'21	-4.6m
	-243 Apr 10 j 18:44	0°Υ		retrograde	-241 Oct 13 j 12:51	14°ℳ26'47	
morning set	-243 May 05 j 05:21	29°Υ53'58		evening set	-241 Oct 28 j 10:13	10°ℳ05'31	
	-243 May 05 j 07:20	0°♂		inferior conj	-241 Nov 03 j 01:03	6°ℳ48'02	-3°-8'-4
	-243 May 29 j 18:47	0°Π		minimum elong	-241 Nov 03 j 07:54	6°ℳ37'39	3°05'59
asc. node	-243 May 30 j 13:50	0°Π58'27		min. Earth dist.	-241 Nov 03 j 07:17	6°ℳ38'35	0.26422 AU
max. Earth dist.	-243 Jun 08 j 07:49	11°Π43'22	1.73564 AU	morning rise	-241 Nov 09 j 05:26	3°ℳ12'53	
				asc. node	-241 Nov 15 j 08:41	0°ℳ32'20	
superior conj	-243 Jun 10 j 13:16	14°Π27'41	0°25'36		-241 Nov 17 j 04:35	30°℞♂	
minimum elong	-243 Jun 10 j 08:20	14°Π12'31	0°25'22	direct	-241 Nov 23 j 11:01	29°♂11'18	
	-243 Jun 23 j 04:14	0°☿			-241 Nov 29 j 20:53	0°ℳ	
evening rise	-243 Jul 16 j 06:17	28°☿29'52		greatest brilliancy	-241 Dec 05 j 19:05	2°ℳ03'10	-4.7m
	-243 Jul 17 j 11:27	0°♂			-240 Jan 10 j 15:14	0°♂	
	-243 Aug 10 j 17:16	0°℞		morning max el	-240 Jan 13 j 00:03	2°♂22'10	46°48'29
	-243 Sep 03 j 23:08	0°♂			-240 Feb 07 j 19:42	0°♂	
desc. node	-243 Sep 19 j 03:49	18°♂46'08			-240 Mar 05 j 02:09	0°≈	
	-243 Sep 28 j 06:31	0°ℳ		desc. node	-240 Mar 05 j 22:57	1°≈00'29	
	-243 Oct 22 j 16:54	0°♂			-240 Mar 30 j 15:18	0°℥	
	-243 Nov 16 j 09:15	0°♂			-240 Apr 24 j 19:52	0°Υ	
	-243 Dec 11 j 15:09	0°≈			-240 May 19 j 18:44	0°♂	
	-242 Jan 07 j 06:37	0°℥			-240 Jun 13 j 12:23	0°Π	
asc. node	-242 Jan 10 j 06:23	3°℥11'13		asc. node	-240 Jun 27 j 01:41	16°Π33'26	
evening max el	-242 Jan 18 j 04:18	11°℥21'52	46°34'58		-240 Jul 08 j 00:25	0°☿	
	-242 Feb 07 j 14:03	0°Υ		morning set	-240 Jul 11 j 13:15	4°☿21'08	
greatest brilliancy	-242 Feb 22 j 16:32	9°Υ54'38	-4.6m		-240 Aug 01 j 06:54	0°♂	
retrograde	-242 Mar 09 j 08:09	13°Υ46'17		max. Earth dist.	-240 Aug 13 j 06:50	14°♂55'16	1.72285 AU
evening set	-242 Mar 26 j 05:50	8°Υ12'10					
inferior conj	-242 Mar 30 j 16:02	5°Υ27'27	6°35'55	superior conj	-240 Aug 17 j 04:53	19°♂48'15	1°23'48
minimum elong	-242 Mar 31 j 01:21	5°Υ12'42	6°34'12	minimum elong	-240 Aug 17 j 02:28	19°♂40'44	1°23'47
min. Earth dist.	-242 Mar 30 j 17:36	5°Υ24'58	0.28863 AU		-240 Aug 25 j 08:58	0°℞	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-240 Sep 18 j 08:32	0°♄		morning max el	-237 Mar 27 j 04:03	15°♊43'30	46°08'08
evening rise	-240 Sep 24 j 05:02	7°♄19'50		desc. node	-237 Apr 03 j 10:38	22°♊56'12	
	-240 Oct 12 j 07:29	0°♍			-237 Apr 10 j 07:30	0°♋	
desc. node	-240 Oct 16 j 15:45	5°♍26'11			-237 May 07 j 21:14	0°♌	
	-240 Nov 05 j 07:10	0°♎			-237 Jun 03 j 02:20	0°♍	
	-240 Nov 29 j 08:45	0°♏			-237 Jun 28 j 13:39	0°♎	
	-240 Dec 23 j 14:23	0°♐			-237 Jul 23 j 11:50	0°♏	
asc. node	-239 Jan 17 j 04:25	0°♋		asc. node	-237 Jul 25 j 13:34	2°♏31'15	
	-239 Feb 06 j 18:23	24°♋31'04			-237 Aug 16 j 23:11	0°♐	
	-239 Feb 11 j 11:04	0°♌			-237 Sep 10 j 02:16	0°♑	
evening max el	-239 Mar 10 j 02:53	0°♍		morning set	-237 Sep 20 j 13:08	13°♑05'10	
	-239 Mar 30 j 03:44	20°♍35'22	45°27'35		-237 Oct 04 j 00:17	0°♒	
	-239 Apr 09 j 08:33	0°♎			-237 Oct 27 j 20:14	0°♓	
greatest brilliancy	-239 May 03 j 10:15	16°♎50'20	-4.5m				
retrograde	-239 May 17 j 16:11	20°♎22'16		superior conj	-237 Oct 30 j 00:21	2°♓44'08	0°34'56
desc. node	-239 May 29 j 08:14	17°♎43'14		minimum elong	-237 Oct 30 j 08:43	3°♓10'29	0°34'33
evening set	-239 Jun 01 j 17:12	16°♎02'55		max. Earth dist.	-237 Oct 29 j 23:16	2°♓40'41	1.71046 AU
inferior conj	-239 Jun 08 j 03:46	12°♎12'24	-2°-16'-12	desc. node	-237 Nov 14 j 03:32	21°♓47'18	
minimum elong	-239 Jun 07 j 22:53	12°♎20'02	2°14'50		-237 Nov 20 j 16:10	0°♑	
min. Earth dist.	-239 Jun 08 j 07:38	12°♎06'21	0.28934 AU	evening rise	-237 Dec 10 j 19:16	25°♑17'44	
morning rise	-239 Jun 14 j 04:20	8°♎34'43			-237 Dec 14 j 13:17	0°♒	
direct	-239 Jun 29 j 20:45	3°♎54'39			-236 Jan 07 j 12:41	0°♓	
greatest brilliancy	-239 Jul 13 j 23:13	7°♎22'03	-4.5m		-236 Jan 31 j 16:10	0°♋	
	-239 Aug 13 j 12:26	0°♏			-236 Feb 25 j 02:27	0°♌	
morning max el	-239 Aug 18 j 02:12	4°♏22'13	46°07'31	asc. node	-236 Mar 06 j 06:22	12°♌20'22	
	-239 Sep 11 j 13:19	0°♐			-236 Mar 20 j 23:14	0°♍	
asc. node	-239 Sep 19 j 11:17	8°♐53'15			-236 Apr 15 j 11:58	0°♎	
	-239 Oct 07 j 15:19	0°♑			-236 May 12 j 03:45	0°♏	
	-239 Nov 01 j 12:05	0°♒		evening max el	-236 Jun 08 j 23:04	28°♏40'08	45°27'33
	-239 Nov 25 j 19:35	0°♓			-236 Jun 10 j 08:45	0°♐	
	-239 Dec 19 j 22:08	0°♑		desc. node	-236 Jun 25 j 20:09	13°♐31'17	
desc. node	-238 Jan 09 j 01:10	25°♑04'56		greatest brilliancy	-236 Jul 16 j 02:51	25°♐59'22	-4.5m
	-238 Jan 12 j 23:54	0°♒		retrograde	-236 Jul 27 j 17:41	28°♐23'07	
	-238 Feb 06 j 02:42	0°♓		evening set	-236 Aug 14 j 13:22	22°♐29'20	
morning set	-238 Feb 21 j 22:33	19°♓38'30		inferior conj	-236 Aug 17 j 21:01	20°♐29'06	-8°-42'-35
	-238 Mar 02 j 07:16	0°♋		minimum elong	-236 Aug 17 j 18:21	20°♐33'10	8°42'30
	-238 Mar 26 j 13:58	0°♌		min. Earth dist.	-236 Aug 18 j 10:34	20°♐08'22	0.28088 AU
				morning rise	-236 Aug 20 j 23:09	18°♐36'32	
superior conj	-238 Apr 01 j 08:50	7°♌07'50	-1°-4'-20	direct	-236 Sep 08 j 02:51	12°♐24'53	
minimum elong	-238 Apr 01 j 18:19	7°♌37'03	1°04'03	greatest brilliancy	-236 Sep 22 j 12:32	16°♐08'33	-4.6m
max. Earth dist.	-238 Apr 03 j 14:02	9°♌51'40	1.73248 AU		-236 Oct 12 j 10:48	0°♑	
	-238 Apr 19 j 22:52	0°♍		asc. node	-236 Oct 16 j 22:53	3°♑59'59	
asc. node	-238 May 02 j 04:03	14°♍59'56		morning max el	-236 Oct 28 j 17:08	15°♑23'23	46°48'07
evening rise	-238 May 08 j 12:35	22°♍47'43			-236 Nov 11 j 11:56	0°♒	
	-238 May 14 j 09:37	0°♎			-236 Dec 07 j 18:30	0°♓	
	-238 Jun 07 j 21:49	0°♏			-235 Jan 01 j 21:36	0°♑	
	-238 Jul 02 j 11:45	0°♐			-235 Jan 26 j 14:45	0°♒	
	-238 Jul 27 j 04:45	0°♑		desc. node	-235 Feb 05 j 13:06	12°♒06'46	
	-238 Aug 21 j 03:14	0°♒			-235 Feb 20 j 04:29	0°♓	
desc. node	-238 Aug 21 j 17:57	0°♒43'59			-235 Mar 16 j 17:16	0°♋	
	-238 Sep 15 j 11:04	0°♓			-235 Apr 10 j 05:56	0°♌	
	-238 Oct 11 j 12:55	0°♑		morning set	-235 May 02 j 23:26	27°♌48'42	
evening max el	-238 Nov 05 j 09:51	26°♑49'28	47°25'13		-235 May 04 j 18:20	0°♍	
	-238 Nov 08 j 13:25	0°♒			-235 May 29 j 05:40	0°♎	
asc. node	-238 Dec 12 j 20:37	27°♒16'15		asc. node	-235 May 29 j 15:56	0°♎31'30	
greatest brilliancy	-238 Dec 13 j 13:09	27°♒35'37	-4.7m	max. Earth dist.	-235 Jun 06 j 07:13	9°♎54'20	1.73582 AU
	-238 Dec 20 j 09:26	0°♓					
retrograde	-238 Dec 26 j 10:55	0°♓43'51		superior conj	-235 Jun 08 j 07:49	12°♎23'41	0°22'37
	-237 Jan 01 j 08:59	30°♒♑		minimum elong	-235 Jun 08 j 03:24	12°♎10'08	0°22'25
evening set	-237 Jan 11 j 15:51	25°♒31'24			-235 Jun 22 j 15:07	0°♏	
min. Earth dist.	-237 Jan 15 j 07:10	23°♒18'17	0.27323 AU	evening rise	-235 Jul 14 j 00:50	26°♏24'51	
inferior conj	-237 Jan 16 j 07:15	22°♒40'32	7°21'16		-235 Jul 16 j 22:27	0°♐	
minimum elong	-237 Jan 15 j 22:05	22°♒54'54	7°19'44		-235 Aug 10 j 04:32	0°♑	
morning rise	-237 Jan 20 j 04:44	20°♒16'50			-235 Sep 03 j 10:45	0°♒	
direct	-237 Feb 05 j 21:01	14°♒50'54		desc. node	-235 Sep 18 j 05:50	18°♒15'46	
greatest brilliancy	-237 Feb 16 j 11:13	16°♒55'11	-4.6m		-235 Sep 27 j 18:33	0°♓	
	-237 Mar 09 j 14:23	0°♓			-235 Oct 22 j 05:30	0°♑	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-235 Nov 15 j 22:42	0°☾					-232 Apr 24 j 07:50	0°♊			
	-235 Dec 11 j 06:11	0°♋					-232 May 19 j 06:11	0°♌			
	-234 Jan 07 j 01:28	0°♍					-232 Jun 12 j 23:32	0°♎			
asc. node	-234 Jan 09 j 08:34	2°♋25'40				asc. node	-232 Jun 26 j 03:50	16°♎06'10			
evening max el	-234 Jan 15 j 20:31	9°♋07'20	46°37'39				-232 Jul 07 j 11:26	0°♏			
	-234 Feb 08 j 03:13	0°♐				morning set	-232 Jul 09 j 07:03	2°♏14'13			
greatest brilliancy	-234 Feb 20 j 10:08	7°♐44'25	-4.6m				-232 Jul 31 j 17:54	0°♑			
retrograde	-234 Mar 07 j 01:13	11°♐34'58				max. Earth dist.	-232 Aug 10 j 21:52	12°♑38'22	1.72344 AU		
evening set	-234 Mar 24 j 00:57	5°♐56'53									
inferior conj	-234 Mar 28 j 08:24	3°♐15'58	6°48'20			superior conj	-232 Aug 14 j 21:37	17°♑36'33	1°23'17		
minimum elong	-234 Mar 28 j 17:35	3°♐01'26	6°46'44			minimum elong	-232 Aug 14 j 18:31	17°♑26'52	1°23'16		
min. Earth dist.	-234 Mar 28 j 08:51	3°♐15'16	0.28841 AU				-232 Aug 24 j 20:01	0°♒			
morning rise	-234 Apr 02 j 10:29	0°♐08'17					-232 Sep 17 j 19:42	0°♓			
	-234 Apr 02 j 16:14	30°♒♋				evening rise	-232 Sep 21 j 18:11	4°♓55'40			
direct	-234 Apr 18 j 18:28	24°♋59'36					-232 Oct 11 j 18:50	0°♌			
desc. node	-234 Apr 30 j 22:19	27°♋38'13				desc. node	-232 Oct 15 j 17:44	4°♌56'48			
greatest brilliancy	-234 May 01 j 03:25	27°♋43'28	-4.5m				-232 Nov 04 j 18:45	0°♍			
	-234 May 05 j 22:02	0°♐					-232 Nov 28 j 20:37	0°☾			
morning max el	-234 Jun 06 j 14:35	24°♐51'06	45°45'03				-232 Dec 23 j 02:37	0°♋			
	-234 Jun 11 j 21:55	0°♌					-231 Jan 16 j 17:17	0°♋			
	-234 Jul 10 j 08:53	0°♎				asc. node	-231 Feb 05 j 20:27	23°♋56'41			
	-234 Aug 05 j 16:33	0°♏					-231 Feb 11 j 01:10	0°♐			
asc. node	-234 Aug 22 j 01:31	19°♏22'28					-231 Mar 09 j 20:00	0°♌			
	-234 Aug 30 j 21:22	0°♑				evening max el	-231 Mar 27 j 18:16	18°♌20'53	45°29'06		
	-234 Sep 24 j 09:23	0°♒					-231 Apr 09 j 13:01	0°♎			
	-234 Oct 18 j 11:23	0°♓				greatest brilliancy	-231 May 01 j 00:58	14°♎39'44	-4.5m		
	-234 Nov 11 j 08:40	0°♌				retrograde	-231 May 15 j 08:17	18°♎14'07			
morning set	-234 Dec 04 j 18:54	29°♌28'48				desc. node	-231 May 28 j 10:19	14°♎55'13			
	-234 Dec 05 j 04:49	0°♍				evening set	-231 May 30 j 09:20	13°♎54'39			
desc. node	-234 Dec 11 j 15:23	8°♍05'51				inferior conj	-231 Jun 05 j 20:15	10°♎03'51	-1°-57'-8		
	-234 Dec 29 j 01:51	0°☾				minimum elong	-231 Jun 05 j 16:02	10°♎10'27	1°55'56		
						min. Earth dist.	-231 Jun 06 j 00:35	9°♎57'04	0.28946 AU		
superior conj	-233 Jan 15 j 18:00	22°☾08'28	-1°-10'-42			morning rise	-231 Jun 11 j 22:23	6°♎23'46			
minimum elong	-233 Jan 15 j 07:07	21°☾34'25	1°10'25			direct	-231 Jun 27 j 12:39	1°♎45'42			
max. Earth dist.	-233 Jan 19 j 20:17	27°☾15'48	1.71674 AU			greatest brilliancy	-231 Jul 11 j 15:43	5°♎12'59	-4.5m		
	-233 Jan 22 j 00:49	0°♋					-231 Aug 13 j 12:10	0°♏			
	-233 Feb 15 j 02:35	0°♌				morning max el	-231 Aug 15 j 17:10	2°♏07'38	46°06'10		
evening rise	-233 Feb 25 j 00:18	12°♌17'30					-231 Sep 11 j 05:35	0°♑			
	-233 Mar 11 j 08:08	0°♐				asc. node	-231 Sep 18 j 13:15	8°♑15'11			
asc. node	-233 Apr 03 j 18:15	28°♐45'44					-231 Oct 07 j 05:09	0°♒			
	-233 Apr 04 j 18:33	0°♌					-231 Nov 01 j 00:49	0°♓			
	-233 Apr 29 j 10:53	0°♎					-231 Nov 25 j 07:44	0°♌			
	-233 May 24 j 10:35	0°♏					-231 Dec 19 j 09:55	0°♍			
	-233 Jun 18 j 20:48	0°♑				desc. node	-230 Jan 08 j 03:16	24°♍35'30			
	-233 Jul 15 j 00:43	0°♒					-230 Jan 12 j 11:26	0°☾			
desc. node	-233 Jul 24 j 08:03	10°♒20'57					-230 Feb 05 j 14:00	0°♋			
	-233 Aug 11 j 17:06	0°♓				morning set	-230 Feb 19 j 11:29	17°♋15'07			
evening max el	-233 Aug 22 j 04:05	10°♓31'16	46°36'06				-230 Mar 01 j 18:23	0°♌			
	-233 Sep 13 j 09:32	0°♌					-230 Mar 26 j 00:58	0°♐			
greatest brilliancy	-233 Sep 30 j 08:00	9°♌51'19	-4.6m								
retrograde	-233 Oct 11 j 00:18	11°♌57'02				superior conj	-230 Mar 30 j 01:00	4°♐55'57	-1°-6'-29		
evening set	-233 Oct 26 j 00:47	7°♌32'56				minimum elong	-230 Mar 30 j 10:25	5°♐25'00	1°06'13		
inferior conj	-233 Oct 31 j 13:09	4°♌18'39	-3°-30'-52			max. Earth dist.	-230 Apr 01 j 07:12	7°♐42'57	1.73204 AU		
minimum elong	-233 Oct 31 j 20:42	4°♌07'11	3°28'37				-230 Apr 19 j 09:49	0°♌			
min. Earth dist.	-233 Oct 31 j 20:55	4°♌06'50	0.26450 AU			asc. node	-230 May 01 j 06:11	14°♌32'58			
morning rise	-233 Nov 06 j 16:24	0°♌44'34				evening rise	-230 May 06 j 06:50	20°♌42'57			
	-233 Nov 08 j 03:17	30°♒♓					-230 May 13 j 20:36	0°♎			
asc. node	-233 Nov 14 j 10:49	27°♓34'00					-230 Jun 07 j 08:58	0°♏			
direct	-233 Nov 20 j 23:25	26°♓41'31					-230 Jul 01 j 23:15	0°♑			
greatest brilliancy	-233 Dec 03 j 09:33	29°♓35'05	-4.7m				-230 Jul 26 j 16:51	0°♒			
	-233 Dec 04 j 07:30	0°♌				desc. node	-230 Aug 20 j 19:53	0°♓10'53			
morning max el	-232 Jan 10 j 12:20	29°♌53'00	46°49'26				-230 Aug 20 j 16:14	0°♓			
	-232 Jan 10 j 15:06	0°♍					-230 Sep 15 j 01:32	0°♌			
	-232 Feb 07 j 12:36	0°☾					-230 Oct 11 j 06:08	0°♍			
	-232 Mar 04 j 16:23	0°♋				evening max el	-230 Nov 02 j 23:27	24°♍23'44	47°25'16		
desc. node	-232 Mar 05 j 00:56	0°♋24'58					-230 Nov 08 j 14:06	0°☾			
	-232 Mar 30 j 04:07	0°♋				greatest brilliancy	-230 Dec 11 j 04:21	25°☾11'23	-4.7m		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-230 Dec 11 j 22:46	25° $\overline{31}$ '55		superior conj	-227 Jun 06 j 02:18	10° $\overline{11}$ '56	0°19'36
retrograde	-230 Dec 24 j 01:05	28° $\overline{18}$ '56		minimum elong	-227 Jun 05 j 22:27	10° $\overline{11}$ '08	0°19'25
evening set	-229 Jan 09 j 02:04	23° $\overline{11}$ '53			-227 Jun 22 j 01:51	0° $\overline{5}$	
min. Earth dist.	-229 Jan 12 j 20:44	20° $\overline{54}$ '20	0.27259 AU	evening rise	-227 Jul 11 j 19:26	24° $\overline{5}$ '20	36
inferior conj	-229 Jan 13 j 20:58	20° $\overline{16}$ '28	7°09'01		-227 Jul 16 j 09:19	0° $\overline{9}$	
minimum elong	-229 Jan 13 j 11:27	20° $\overline{31}$ '20	7°07'18		-227 Aug 09 j 15:36	0° $\overline{17}$	
morning rise	-229 Jan 17 j 21:16	17° $\overline{49}$ '01			-227 Sep 02 j 22:08	0° $\overline{1}$	
direct	-229 Feb 03 j 09:46	12° $\overline{27}$ '38		desc. node	-227 Sep 17 j 07:54	17° $\overline{46}$ '20	
greatest brilliancy	-229 Feb 14 j 01:08	14° $\overline{33}$ '16	-4.6m		-227 Sep 27 j 06:22	0° $\overline{16}$	
	-229 Mar 10 j 00:32	0° \approx			-227 Oct 21 j 17:56	0° $\overline{27}$	
morning max el	-229 Mar 24 j 18:24	13° \approx 25'23	46°09'36		-227 Nov 15 j 12:05	0° $\overline{3}$	
desc. node	-229 Apr 02 j 12:39	22° \approx 09'15			-227 Dec 10 j 21:17	0° \approx	
	-229 Apr 10 j 02:08	0° $\overline{11}$			-226 Jan 06 j 20:46	0° $\overline{11}$	
	-229 May 07 j 11:55	0° $\overline{17}$		asc. node	-226 Jan 08 j 10:36	1° $\overline{11}$ '39	08
	-229 Jun 02 j 15:14	0° $\overline{18}$		evening max el	-226 Jan 13 j 12:26	6° $\overline{11}$ '51	56 46°40'14
	-229 Jun 28 j 01:36	0° $\overline{11}$			-226 Feb 08 j 20:57	0° $\overline{17}$	
	-229 Jul 22 j 23:15	0° $\overline{5}$		greatest brilliancy	-226 Feb 18 j 04:36	5° $\overline{17}$ '35	02 -4.6m
asc. node	-229 Jul 24 j 15:40	2° $\overline{5}$ '02	59	retrograde	-226 Mar 04 j 17:44	9° $\overline{17}$ '23	02
	-229 Aug 16 j 10:19	0° $\overline{9}$		evening set	-226 Mar 21 j 19:50	3° $\overline{17}$ '41	19
	-229 Sep 09 j 13:19	0° $\overline{17}$		inferior conj	-226 Mar 26 j 00:33	1° $\overline{17}$ '04	10 7°00'16
morning set	-229 Sep 18 j 03:24	10° $\overline{17}$ '44	48	minimum elong	-226 Mar 26 j 09:30	0° $\overline{17}$ '49	58 6°58'48
	-229 Oct 03 j 11:22	0° $\overline{1}$		min. Earth dist.	-226 Mar 26 j 00:01	1° $\overline{17}$ '05	01 0.28813 AU
					-226 Mar 27 j 17:09	30° $\overline{11}$ '30	
superior conj	-229 Oct 27 j 11:05	0° $\overline{11}$ '43	0°38'27	morning rise	-226 Mar 30 j 23:29	28° $\overline{11}$ '00	54
minimum elong	-229 Oct 27 j 20:03	0° $\overline{13}$ '39	57 0°38'03	direct	-226 Apr 16 j 10:37	22° $\overline{11}$ '48	36
	-229 Oct 27 j 07:22	0° $\overline{16}$		greatest brilliancy	-226 Apr 28 j 15:47	25° $\overline{11}$ '28	51 -4.5m
max. Earth dist.	-229 Oct 27 j 08:22	0° $\overline{13}$ '03	09 1.71065 AU	desc. node	-226 Apr 30 j 00:29	26° $\overline{11}$ '04	03
desc. node	-229 Nov 13 j 05:42	21° $\overline{16}$ '19	00		-226 May 07 j 08:40	0° $\overline{17}$	
	-229 Nov 20 j 03:21	0° $\overline{27}$		morning max el	-226 Jun 04 j 06:03	22° $\overline{17}$ '40	12 45°45'00
evening rise	-229 Dec 08 j 04:46	22° $\overline{27}$ '41	46		-226 Jun 11 j 18:04	0° $\overline{18}$	
	-229 Dec 14 j 00:30	0° $\overline{3}$			-226 Jul 09 j 23:49	0° $\overline{11}$	
	-228 Jan 06 j 23:58	0° \approx			-226 Aug 05 j 05:29	0° $\overline{5}$	
	-228 Jan 31 j 03:36	0° $\overline{11}$		asc. node	-226 Aug 21 j 03:26	18° $\overline{5}$ '51	30
	-228 Feb 24 j 14:12	0° $\overline{17}$			-226 Aug 30 j 09:21	0° $\overline{9}$	
asc. node	-228 Mar 05 j 08:21	11° $\overline{17}$ '50	20		-226 Sep 23 j 20:52	0° $\overline{17}$	
	-228 Mar 20 j 11:35	0° $\overline{18}$			-226 Oct 17 j 22:36	0° $\overline{1}$	
	-228 Apr 15 j 01:30	0° $\overline{11}$			-226 Nov 10 j 19:44	0° $\overline{16}$	
	-228 May 11 j 19:55	0° $\overline{5}$		morning set	-226 Dec 02 j 04:55	26° $\overline{16}$ '54	45
evening max el	-228 Jun 06 j 14:40	26° $\overline{5}$ '28	10 45°26'20		-226 Dec 04 j 15:49	0° $\overline{27}$	
	-228 Jun 10 j 08:53	0° $\overline{9}$		desc. node	-226 Dec 10 j 17:29	7° $\overline{27}$ '37	56
desc. node	-228 Jun 24 j 22:18	12° $\overline{9}$ '25	47		-226 Dec 28 j 12:49	0° $\overline{3}$	
greatest brilliancy	-228 Jul 13 j 13:45	23° $\overline{9}$ '40	27 -4.5m				
retrograde	-228 Jul 25 j 08:11	26° $\overline{9}$ '07	02	superior conj	-225 Jan 13 j 04:30	19° $\overline{3}$ '36	59 -1°-8'-27
evening set	-228 Aug 12 j 01:19	20° $\overline{9}$ '16	22	minimum elong	-225 Jan 12 j 17:16	19° $\overline{3}$ '01	48 1°08'08
inferior conj	-228 Aug 15 j 11:27	18° $\overline{9}$ '12	13 -8°-38'-56	max. Earth dist.	-225 Jan 17 j 07:53	24° $\overline{3}$ '47	49 1.71624 AU
minimum elong	-228 Aug 15 j 07:59	18° $\overline{9}$ '17	32 8°38'48		-225 Jan 21 j 11:45	0° \approx	
min. Earth dist.	-228 Aug 15 j 23:48	17° $\overline{9}$ '53	18 0.28138 AU		-225 Feb 14 j 13:28	0° $\overline{11}$	
morning rise	-228 Aug 18 j 14:28	16° $\overline{9}$ '18	16	evening rise	-225 Feb 22 j 13:12	9° $\overline{11}$ '55	00
direct	-228 Sep 05 j 18:33	10° $\overline{9}$ '07	28		-225 Mar 10 j 19:02	0° $\overline{17}$	
greatest brilliancy	-228 Sep 20 j 03:29	13° $\overline{9}$ '50	36 -4.6m	asc. node	-225 Apr 02 j 20:22	28° $\overline{17}$ '18	34
	-228 Oct 12 j 17:25	0° $\overline{17}$			-225 Apr 04 j 05:35	0° $\overline{18}$	
asc. node	-228 Oct 16 j 01:04	3° $\overline{17}$ '01	20		-225 Apr 28 j 22:15	0° $\overline{11}$	
morning max el	-228 Oct 26 j 08:15	13° $\overline{17}$ '03	37 46°46'55		-225 May 23 j 22:35	0° $\overline{5}$	
	-228 Nov 11 j 06:06	0° $\overline{1}$			-225 Jun 18 j 09:56	0° $\overline{9}$	
	-228 Dec 07 j 09:19	0° $\overline{16}$			-225 Jul 14 j 16:01	0° $\overline{17}$	
	-227 Jan 01 j 10:53	0° $\overline{27}$		desc. node	-225 Jul 23 j 10:00	9° $\overline{17}$ '41	05
	-227 Jan 26 j 03:08	0° $\overline{3}$			-225 Aug 11 j 13:28	0° $\overline{1}$	
desc. node	-227 Feb 04 j 15:05	11° $\overline{3}$ '35	48	evening max el	-225 Aug 19 j 16:30	8° $\overline{1}$ '06	54 46°33'22
	-227 Feb 19 j 16:16	0° \approx			-225 Sep 14 j 07:14	0° $\overline{16}$	
	-227 Mar 16 j 04:38	0° $\overline{11}$		greatest brilliancy	-225 Sep 27 j 22:27	7° $\overline{16}$ '26	09 -4.6m
	-227 Apr 09 j 16:59	0° $\overline{17}$		retrograde	-225 Oct 08 j 11:38	9° $\overline{16}$ '29	03
morning set	-227 Apr 30 j 17:19	25° $\overline{17}$ '43	16	evening set	-225 Oct 23 j 15:32	5° $\overline{16}$ '01	41
	-227 May 04 j 05:10	0° $\overline{18}$		inferior conj	-225 Oct 29 j 01:21	1° $\overline{16}$ '51	04 -3°-53'-2
asc. node	-227 May 28 j 18:05	0° $\overline{11}$ '05	06	minimum elong	-225 Oct 29 j 09:33	1° $\overline{16}$ '38	36 3°50'40
	-227 May 28 j 16:25	0° $\overline{11}$		min. Earth dist.	-225 Oct 29 j 10:51	1° $\overline{16}$ '36	38 0.26478 AU
max. Earth dist.	-227 Jun 04 j 05:36	8° $\overline{11}$ '02	36 1.73597 AU		-225 Nov 01 j 03:09	30° $\overline{11}$ '30	
				morning rise	-225 Nov 04 j 03:13	28° $\overline{1}$ '18	26

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-225 Nov 13 j 12:52	24° 4 43'19	evening rise	-222 May 04 j 01:04	18° 8 39'04
direct	-225 Nov 18 j 11:24	24° 4 13'17		-222 May 13 j 07:18	0° II
greatest brilliancy	-225 Dec 01 j 00:43	27° 4 09'34 -4.7m		-222 Jun 06 j 19:52	0° ☿
	-225 Dec 06 j 12:21	0° III		-222 Jul 01 j 10:32	0° ♈
morning max el	-224 Jan 08 j 00:27	27° III 24'38 46°50'19		-222 Jul 26 j 04:44	0° ♐
	-224 Jan 10 j 13:26	0° ♏	desc. node	-222 Aug 19 j 21:58	29° III 38'47
	-224 Feb 07 j 04:46	0° ☿		-222 Aug 20 j 05:05	0° ♊
desc. node	-224 Mar 04 j 02:58	29° ☿ 50'48		-222 Sep 14 j 15:56	0° ♈
	-224 Mar 04 j 06:07	0° ♊		-222 Oct 10 j 23:29	0° ♏
	-224 Mar 29 j 16:34	0° ♏	evening max el	-222 Oct 31 j 14:03	22° ♏ 01'16 47°25'14
	-224 Apr 23 j 19:29	0° ♐		-222 Nov 08 j 15:46	0° ☿
	-224 May 18 j 17:19	0° ♏	greatest brilliancy	-222 Dec 08 j 19:20	22° ☿ 47'27 -4.7m
	-224 Jun 12 j 10:22	0° II	asc. node	-222 Dec 11 j 00:49	23° ☿ 44'03
asc. node	-224 Jun 25 j 05:50	15° II 39'25	retrograde	-222 Dec 21 j 15:45	25° ☿ 54'31
	-224 Jul 06 j 22:08	0° ☿	evening set	-221 Jan 06 j 12:20	20° ☿ 52'48
morning set	-224 Jul 07 j 00:35	0° ☿ 07'33	min. Earth dist.	-221 Jan 10 j 10:04	18° ☿ 31'09 0.27189 AU
	-224 Jul 31 j 04:35	0° ♈	inferior conj	-221 Jan 11 j 10:36	17° ☿ 52'55 6°55'58
max. Earth dist.	-224 Aug 08 j 14:46	10° ♈ 28'19 1.72404 AU	minimum elong	-221 Jan 11 j 00:50	18° ☿ 08'09 6°54'05
			morning rise	-221 Jan 15 j 13:49	15° ☿ 21'42
superior conj	-224 Aug 12 j 14:16	15° ♈ 25'31 1°22'39	direct	-221 Jan 31 j 22:55	10° ☿ 05'05
minimum elong	-224 Aug 12 j 10:30	15° ♈ 13'47 1°22'38	greatest brilliancy	-221 Feb 11 j 13:56	12° ☿ 11'02 -4.6m
	-224 Aug 24 j 06:47	0° ♐		-221 Mar 10 j 07:29	0° ♊
	-224 Sep 17 j 06:36	0° ♊	morning max el	-221 Mar 22 j 09:20	11° ♊ 09'48 46°11'08
evening rise	-224 Sep 19 j 07:33	2° ♊ 33'08	desc. node	-221 Apr 01 j 14:51	21° ♊ 24'33
	-224 Oct 11 j 05:54	0° ♈		-221 Apr 09 j 19:55	0° ♏
desc. node	-224 Oct 14 j 19:54	4° ♈ 28'57		-221 May 07 j 02:04	0° ♐
	-224 Nov 04 j 06:01	0° ♏		-221 Jun 02 j 03:47	0° ♏
	-224 Nov 28 j 08:07	0° ☿		-221 Jun 27 j 13:17	0° II
	-224 Dec 22 j 14:27	0° ♊		-221 Jul 22 j 10:27	0° ☿
	-223 Jan 16 j 05:46	0° ♏	asc. node	-221 Jul 23 j 17:40	1° ☿ 34'59
asc. node	-223 Feb 04 j 22:25	23° ♏ 23'03		-221 Aug 15 j 21:17	0° ♈
	-223 Feb 10 j 15:00	0° ♐		-221 Sep 09 j 00:12	0° ♐
	-223 Mar 09 j 13:06	0° ♏	morning set	-221 Sep 15 j 17:42	8° ♐ 25'13
evening max el	-223 Mar 25 j 09:02	16° ♏ 07'52 45°30'37		-221 Oct 02 j 22:16	0° ♊
	-223 Apr 09 j 19:10	0° II			
greatest brilliancy	-223 Apr 28 j 14:50	12° II 28'43 -4.5m	superior conj	-221 Oct 24 j 21:55	27° ♊ 40'11 0°41'52
retrograde	-223 May 13 j 00:43	16° II 06'37	minimum elong	-221 Oct 25 j 07:24	28° ♊ 10'03 0°41'28
desc. node	-223 May 27 j 12:24	12° II 04'12	max. Earth dist.	-221 Oct 24 j 17:03	27° ♊ 24'52 1.71084 AU
evening set	-223 May 28 j 01:34	11° II 46'37		-221 Oct 26 j 18:20	0° ♈
inferior conj	-223 Jun 03 j 12:40	7° II 55'47 -1°-37'-53	desc. node	-221 Nov 12 j 07:44	20° ♈ 50'48
minimum elong	-223 Jun 03 j 09:06	8° II 01'21 1°36'51		-221 Nov 19 j 14:23	0° ♏
min. Earth dist.	-223 Jun 03 j 17:17	7° II 48'34 0.28960 AU	evening rise	-221 Dec 05 j 14:14	20° ♏ 06'03
morning rise	-223 Jun 09 j 16:19	4° II 13'41		-221 Dec 13 j 11:36	0° ☿
	-223 Jun 20 j 18:57	30° ♏		-220 Jan 06 j 11:09	0° ♊
direct	-223 Jun 25 j 04:37	29° ♏ 37'12		-220 Jan 30 j 14:55	0° ♏
	-223 Jun 29 j 16:52	0° II		-220 Feb 24 j 01:47	0° ♐
greatest brilliancy	-223 Jul 09 j 08:41	3° II 05'19 -4.5m	asc. node	-220 Mar 04 j 10:32	11° ♐ 21'24
	-223 Aug 13 j 10:33	0° ☿		-220 Mar 19 j 23:45	0° ♏
morning max el	-223 Aug 13 j 08:54	29° II 56'01 46°04'51		-220 Apr 14 j 14:54	0° II
	-223 Sep 10 j 21:15	0° ♈		-220 May 11 j 12:08	0° ☿
asc. node	-223 Sep 17 j 15:26	7° ♈ 38'56	evening max el	-220 Jun 04 j 06:25	24° ☿ 17'03 45°24'57
	-223 Oct 06 j 18:35	0° ♐		-220 Jun 10 j 10:03	0° ♈
	-223 Oct 31 j 13:12	0° ♊	desc. node	-220 Jun 24 j 00:16	11° ♈ 18'31
	-223 Nov 24 j 19:33	0° ♈	greatest brilliancy	-220 Jul 11 j 01:48	21° ♈ 23'17 -4.5m
	-223 Dec 18 j 21:22	0° ♏	retrograde	-220 Jul 22 j 22:20	23° ♈ 51'21
desc. node	-222 Jan 07 j 05:16	24° ♏ 06'49	evening set	-220 Aug 09 j 13:06	18° ♈ 04'32
	-222 Jan 11 j 22:35	0° ☿	inferior conj	-220 Aug 13 j 02:01	15° ♈ 55'58 -8°-34'-30
	-222 Feb 05 j 00:55	0° ♊	minimum elong	-220 Aug 12 j 21:45	16° ♈ 02'31 8°34'15
morning set	-222 Feb 17 j 00:40	14° ♊ 53'31	min. Earth dist.	-220 Aug 13 j 13:29	15° ♈ 38'20 0.28189 AU
	-222 Mar 01 j 05:07	0° ♏	morning rise	-220 Aug 16 j 06:14	13° ♈ 59'58
	-222 Mar 25 j 11:37	0° ♐	direct	-220 Sep 03 j 10:08	7° ♈ 50'42
			greatest brilliancy	-220 Sep 17 j 17:44	11° ♈ 31'57 -4.6m
superior conj	-222 Mar 27 j 17:15	2° ♐ 45'25 -1°-8'-32		-220 Oct 12 j 21:57	0° ♐
minimum elong	-222 Mar 28 j 02:33	3° ♐ 14'05 1°08'16	asc. node	-220 Oct 15 j 03:10	2° ♐ 03'49
max. Earth dist.	-222 Mar 30 j 00:40	5° ♐ 36'10 1.73166 AU	morning max el	-220 Oct 23 j 22:36	10° ♐ 42'02 46°45'41
	-222 Apr 18 j 20:27	0° ♏		-220 Nov 10 j 23:50	0° ♊
asc. node	-222 Apr 30 j 08:18	14° ♏ 06'51		-220 Dec 06 j 23:56	0° ♈

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-219 Jan 01 j 00:03	0°♁		desc. node	-217 Jul 22 j 12:06	9°♎00'44	
	-219 Jan 25 j 15:27	0°♁			-217 Aug 11 j 10:45	0°♎	
desc. node	-219 Feb 03 j 17:07	11°♁05'06		evening max el	-217 Aug 17 j 04:19	5°♎40'39	46°30'29
	-219 Feb 19 j 04:00	0°♎			-217 Sep 15 j 13:35	0°♎	
	-219 Mar 15 j 15:57	0°♎		greatest brilliancy	-217 Sep 25 j 12:04	4°♎59'05	-4.6m
	-219 Apr 09 j 03:59	0°♎		retrograde	-217 Oct 05 j 22:55	7°♎00'11	
morning set	-219 Apr 28 j 11:30	23°♎38'58		evening set	-217 Oct 21 j 06:17	2°♎28'47	
	-219 May 03 j 15:57	0°♎			-217 Oct 25 j 12:33	30°♎	
asc. node	-219 May 27 j 20:04	29°♎38'28		inferior conj	-217 Oct 26 j 13:29	29°♎22'11	-4°-14'-49
	-219 May 28 j 03:05	0°♎		minimum elong	-217 Oct 26 j 22:15	29°♎08'51	4°12'19
max. Earth dist.	-219 Jun 02 j 03:44	6°♎10'21	1.73611 AU	min. Earth dist.	-217 Oct 27 j 00:41	29°♎05'08	0.26517 AU
				morning rise	-217 Nov 01 j 13:46	25°♎51'30	
superior conj	-219 Jun 03 j 21:07	8°♎17'28	0°16'35	asc. node	-217 Nov 12 j 14:55	21°♎57'12	
minimum elong	-219 Jun 03 j 17:50	8°♎07'22	0°16'26	direct	-217 Nov 15 j 23:24	21°♎43'19	
	-219 Jun 21 j 12:34	0°♎		greatest brilliancy	-217 Nov 28 j 16:42	24°♎43'37	-4.7m
evening rise	-219 Jul 09 j 14:20	22°♎17'15			-217 Dec 07 j 23:58	0°♎	
	-219 Jul 15 j 20:11	0°♎		morning max el	-216 Jan 05 j 13:24	24°♎56'51	46°51'16
	-219 Aug 09 j 02:45	0°♎			-216 Jan 10 j 11:29	0°♎	
	-219 Sep 02 j 09:38	0°♎			-216 Feb 06 j 21:06	0°♎	
desc. node	-219 Sep 16 j 10:02	17°♎16'43		desc. node	-216 Mar 03 j 05:11	29°♎16'21	
	-219 Sep 26 j 18:20	0°♎			-216 Mar 03 j 20:06	0°♎	
	-219 Oct 21 j 06:32	0°♎			-216 Mar 29 j 05:16	0°♎	
	-219 Nov 15 j 01:41	0°♎			-216 Apr 23 j 07:25	0°♎	
	-219 Dec 10 j 12:42	0°♎			-216 May 18 j 04:46	0°♎	
	-218 Jan 06 j 16:46	0°♎			-216 Jun 11 j 21:31	0°♎	
asc. node	-218 Jan 07 j 12:37	0°♎51'31		asc. node	-216 Jun 24 j 07:55	15°♎11'59	
evening max el	-218 Jan 11 j 03:35	4°♎34'05	46°42'46	morning set	-216 Jul 04 j 18:38	28°♎01'33	
	-218 Feb 09 j 21:19	0°♎			-216 Jul 06 j 09:07	0°♎	
greatest brilliancy	-218 Feb 15 j 23:28	3°♎25'37	-4.6m		-216 Jul 30 j 15:31	0°♎	
retrograde	-218 Mar 02 j 09:56	7°♎10'46		max. Earth dist.	-216 Aug 06 j 10:04	8°♎24'57	1.72460 AU
evening set	-218 Mar 19 j 14:46	1°♎25'34					
	-218 Mar 21 j 22:03	30°♎		superior conj	-216 Aug 10 j 07:27	13°♎15'30	1°21'55
inferior conj	-218 Mar 23 j 16:47	28°♎52'13	7°11'43	minimum elong	-216 Aug 10 j 03:04	13°♎01'51	1°21'52
minimum elong	-218 Mar 24 j 01:28	28°♎38'25	7°10'21		-216 Aug 23 j 17:46	0°♎	
min. Earth dist.	-218 Mar 23 j 15:35	28°♎54'07	0.28781 AU	evening rise	-216 Sep 16 j 21:33	0°♎11'52	
morning rise	-218 Mar 28 j 12:27	25°♎53'24			-216 Sep 16 j 17:45	0°♎	
direct	-218 Apr 14 j 02:14	20°♎37'25			-216 Oct 10 j 17:17	0°♎	
greatest brilliancy	-218 Apr 26 j 04:34	23°♎14'24	-4.5m	desc. node	-216 Oct 13 j 21:56	3°♎59'37	
desc. node	-218 Apr 29 j 02:29	24°♎32'44			-216 Nov 03 j 17:40	0°♎	
	-218 May 08 j 09:21	0°♎			-216 Nov 27 j 20:03	0°♎	
morning max el	-218 Jun 01 j 20:58	20°♎27'44	45°45'10		-216 Dec 22 j 02:47	0°♎	
	-218 Jun 11 j 13:38	0°♎			-215 Jan 15 j 18:48	0°♎	
	-218 Jul 09 j 14:35	0°♎		asc. node	-215 Feb 04 j 00:37	22°♎48'27	
	-218 Aug 04 j 18:24	0°♎			-215 Feb 10 j 05:28	0°♎	
asc. node	-218 Aug 20 j 05:39	18°♎21'11			-215 Mar 09 j 07:07	0°♎	
	-218 Aug 29 j 21:25	0°♎		evening max el	-215 Mar 23 j 00:30	13°♎55'14	45°32'21
	-218 Sep 23 j 08:31	0°♎			-215 Apr 10 j 04:28	0°♎	
	-218 Oct 17 j 10:03	0°♎		greatest brilliancy	-215 Apr 26 j 04:46	10°♎16'38	-4.5m
	-218 Nov 10 j 07:04	0°♎		retrograde	-215 May 10 j 17:32	13°♎57'52	
morning set	-218 Nov 29 j 14:43	24°♎19'08		evening set	-215 May 25 j 17:58	9°♎37'12	
	-218 Dec 04 j 03:04	0°♎		desc. node	-215 May 26 j 14:26	9°♎08'59	
desc. node	-218 Dec 09 j 19:28	7°♎08'54		inferior conj	-215 Jun 01 j 05:02	5°♎46'24	-1°-18'-23
	-218 Dec 28 j 00:00	0°♎		minimum elong	-215 Jun 01 j 02:10	5°♎50'52	1°17'33
				min. Earth dist.	-215 Jun 01 j 09:41	5°♎39'09	0.28969 AU
superior conj	-217 Jan 10 j 14:45	17°♎03'55	-1°-6'-2	morning rise	-215 Jun 07 j 10:05	2°♎02'36	
minimum elong	-217 Jan 10 j 03:13	16°♎27'49	1°05'41		-215 Jun 11 j 12:18	30°♎	
max. Earth dist.	-217 Jan 14 j 16:54	22°♎11'04	1.71573 AU	direct	-215 Jun 22 j 21:01	27°♎27'29	
	-217 Jan 20 j 22:54	0°♎			-215 Jul 04 j 21:01	0°♎	
	-217 Feb 14 j 00:35	0°♎		greatest brilliancy	-215 Jul 07 j 01:14	0°♎56'10	-4.5m
evening rise	-217 Feb 20 j 01:55	7°♎31'06		morning max el	-215 Aug 11 j 01:35	27°♎45'59	46°03'42
	-217 Mar 10 j 06:10	0°♎			-215 Aug 13 j 08:25	0°♎	
asc. node	-217 Apr 01 j 22:29	27°♎50'32			-215 Sep 10 j 12:58	0°♎	
	-217 Apr 03 j 16:52	0°♎		asc. node	-215 Sep 16 j 17:30	7°♎01'51	
	-217 Apr 28 j 09:52	0°♎			-215 Oct 06 j 08:09	0°♎	
	-217 May 23 j 10:51	0°♎			-215 Oct 31 j 01:48	0°♎	
	-217 Jun 17 j 23:21	0°♎			-215 Nov 24 j 07:40	0°♎	
	-217 Jul 14 j 07:41	0°♎			-215 Dec 18 j 09:11	0°♎	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-214 Jan 06 j 07:23	23° ♁ 37'11		retrograde	-212 Jul 20 j 11:53	21° ♁ 34'52	
	-214 Jan 11 j 10:10	0° ♁		evening set	-212 Aug 07 j 00:39	15° ♁ 52'16	
	-214 Feb 04 j 12:18	0° \approx		inferior conj	-212 Aug 10 j 16:33	13° ♁ 39'04	-8°-29'-18
morning set	-214 Feb 14 j 13:03	12° \approx 27'53		minimum elong	-212 Aug 10 j 11:32	13° ♁ 46'48	8°28'57
	-214 Feb 28 j 16:20	0° ✕		min. Earth dist.	-212 Aug 11 j 03:31	13° ♁ 22'10	0.28234 AU
	-214 Mar 24 j 22:42	0° ♁		morning rise	-212 Aug 13 j 22:13	11° ♁ 40'35	
				direct	-212 Sep 01 j 01:12	5° ♁ 33'10	
superior conj	-214 Mar 25 j 08:49	0° ♁ 31'14	-1°-10'-30	greatest brilliancy	-212 Sep 15 j 08:12	9° ♁ 12'52	-4.6m
minimum elong	-214 Mar 25 j 17:56	0° ♁ 59'19	1°10'16		-212 Oct 13 j 01:03	0° ♁	
max. Earth dist.	-214 Mar 27 j 18:36	3° ♁ 29'24	1.73124 AU	asc. node	-212 Oct 14 j 05:08	1° ♁ 06'37	
	-214 Apr 18 j 07:30	0° ♁		morning max el	-212 Oct 21 j 12:03	8° ♁ 17'42	46°44'40
asc. node	-214 Apr 29 j 10:15	13° ♁ 38'56			-212 Nov 10 j 17:19	0° ♁	
evening rise	-214 May 01 j 18:54	16° ♁ 32'39			-212 Dec 06 j 14:28	0° ♁	
greatest brilliancy	-214 May 02 j 06:07	17° ♁ 07'01	-3.9m		-212 Dec 31 j 13:10	0° ♁	
	-214 May 12 j 18:25	0° ♁			-211 Jan 25 j 03:45	0° ♁	
	-214 Jun 06 j 07:12	0° ♁		desc. node	-211 Feb 02 j 19:18	10° ♁ 34'46	
	-214 Jun 30 j 22:14	0° ♁			-211 Feb 18 j 15:47	0° \approx	
	-214 Jul 25 j 17:02	0° ♁			-211 Mar 15 j 03:21	0° ✕	
desc. node	-214 Aug 19 j 00:09	29° ♁ 05'57			-211 Apr 08 j 15:07	0° ♁	
	-214 Aug 19 j 18:19	0° ♁		morning set	-211 Apr 26 j 05:18	21° ♁ 32'53	
	-214 Sep 14 j 06:44	0° ♁			-211 May 03 j 02:54	0° ♁	
	-214 Oct 10 j 17:24	0° ♁		asc. node	-211 May 26 j 22:10	29° ♁ 11'34	
evening max el	-214 Oct 29 j 05:26	19° ♁ 40'16	47°24'56		-211 May 27 j 13:57	0° ♁	
	-214 Nov 08 j 19:10	0° ♁		max. Earth dist.	-211 May 30 j 23:46	4° ♁ 11'09	1.73624 AU
greatest brilliancy	-214 Dec 06 j 10:08	20° ♁ 22'17	-4.7m				
asc. node	-214 Dec 10 j 02:50	21° ♁ 50'47		superior conj	-211 Jun 01 j 15:34	6° ♁ 13'22	0°13'31
retrograde	-214 Dec 19 j 06:20	23° ♁ 28'25		minimum elong	-211 Jun 01 j 12:52	6° ♁ 05'05	0°13'24
evening set	-213 Jan 03 j 22:33	18° ♁ 32'06		behind sun begin	-211 Jun 01 j 00:55	5° ♁ 28'20	
min. Earth dist.	-213 Jan 07 j 23:15	16° ♁ 06'17	0.27126 AU	behind sun end	-211 Jun 02 j 00:50	6° ♁ 41'50	
inferior conj	-213 Jan 09 j 00:05	15° ♁ 27'39	6°41'50		-211 Jun 20 j 23:27	0° ♁	
minimum elong	-213 Jan 08 j 14:09	15° ♁ 43'07	6°39'50	evening rise	-211 Jul 07 j 08:56	20° ♁ 12'41	
morning rise	-213 Jan 13 j 06:19	12° ♁ 52'26			-211 Jul 15 j 07:13	0° ♁	
direct	-213 Jan 29 j 12:26	7° ♁ 40'57			-211 Aug 08 j 14:02	0° ♁	
greatest brilliancy	-213 Feb 09 j 02:17	9° ♁ 46'26	-4.6m		-211 Sep 01 j 21:16	0° ♁	
	-213 Mar 10 j 13:00	0° \approx		desc. node	-211 Sep 15 j 12:02	16° ♁ 46'13	
morning max el	-213 Mar 20 j 00:08	8° \approx 52'15	46°12'29		-211 Sep 26 j 06:26	0° ♁	
desc. node	-213 Mar 31 j 16:51	20° \approx 38'27			-211 Oct 20 j 19:16	0° ♁	
	-213 Apr 09 j 13:51	0° ✕			-211 Nov 14 j 15:24	0° ♁	
	-213 May 06 j 16:34	0° ♁			-211 Dec 10 j 04:17	0° \approx	
	-213 Jun 01 j 16:40	0° ♁		asc. node	-210 Jan 06 j 14:49	0° ✕ 03'58	
	-213 Jun 27 j 01:18	0° ♁			-210 Jan 06 j 13:16	0° ✕	
	-213 Jul 21 j 21:58	0° ♁		evening max el	-210 Jan 08 j 17:53	2° ✕ 14'11	46°45'21
asc. node	-213 Jul 22 j 19:48	1° ♁ 06'27			-210 Feb 11 j 07:22	0° ♁	
	-213 Aug 15 j 08:33	0° ♁		greatest brilliancy	-210 Feb 13 j 17:20	1° ♁ 15'08	-4.6m
	-213 Sep 08 j 11:22	0° ♁		retrograde	-210 Feb 28 j 01:57	4° ♁ 59'00	
morning set	-213 Sep 13 j 08:21	6° ♁ 05'52			-210 Mar 16 j 00:02	30° ♁	
	-213 Oct 02 j 09:25	0° ♁		evening set	-210 Mar 17 j 09:41	29° ♁ 10'09	
				inferior conj	-210 Mar 21 j 09:07	26° ♁ 40'40	7°22'21
superior conj	-213 Oct 22 j 09:25	25° ♁ 10'08	0°45'10	minimum elong	-210 Mar 21 j 17:29	26° ♁ 27'22	7°21'07
minimum elong	-213 Oct 22 j 19:20	25° ♁ 41'19	0°44'44	min. Earth dist.	-210 Mar 21 j 07:29	26° ♁ 43'17	0.28753 AU
max. Earth dist.	-213 Oct 22 j 00:02	24° ♁ 40'35	1.71099 AU	morning rise	-210 Mar 26 j 01:32	23° ♁ 46'20	
	-213 Oct 26 j 05:30	0° ♁		direct	-210 Apr 11 j 17:32	18° ♁ 26'21	
desc. node	-213 Nov 11 j 09:45	20° ♁ 21'55		greatest brilliancy	-210 Apr 23 j 18:31	21° ♁ 01'23	-4.5m
	-213 Nov 19 j 01:36	0° ♁		desc. node	-210 Apr 28 j 04:33	23° ♁ 04'38	
evening rise	-213 Dec 03 j 00:06	17° ♁ 30'57			-210 May 09 j 03:31	0° ♁	
	-213 Dec 12 j 22:53	0° ♁		morning max el	-210 May 30 j 11:53	18° ♁ 15'02	45°45'17
	-212 Jan 05 j 22:32	0° \approx			-210 Jun 11 j 08:44	0° ♁	
	-212 Jan 30 j 02:30	0° ✕			-210 Jul 09 j 05:16	0° ♁	
	-212 Feb 23 j 13:43	0° ♁			-210 Aug 04 j 07:18	0° ♁	
asc. node	-212 Mar 03 j 12:34	10° ♁ 50'55		asc. node	-210 Aug 19 j 07:43	17° ♁ 50'30	
	-212 Mar 19 j 12:20	0° ♁			-210 Aug 29 j 09:27	0° ♁	
	-212 Apr 14 j 04:49	0° ♁			-210 Sep 22 j 20:06	0° ♁	
	-212 May 11 j 05:06	0° ♁			-210 Oct 16 j 21:24	0° ♁	
evening max el	-212 Jun 01 j 21:27	22° ♁ 03'07	45°23'43		-210 Nov 09 j 18:18	0° ♁	
	-212 Jun 10 j 13:08	0° ♁		morning set	-210 Nov 27 j 00:35	21° ♁ 43'56	
desc. node	-212 Jun 23 j 02:23	10° ♁ 08'38			-210 Dec 03 j 14:14	0° ♁	
greatest brilliancy	-212 Jul 08 j 14:26	19° ♁ 05'48	-4.5m	desc. node	-210 Dec 08 j 21:36	6° ♁ 40'35	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-210 Dec 27 j 11:06	0°☾		minimum elong	-207 May 29 j 19:24	3°☿42'06	0°58'19
				min. Earth dist.	-207 May 30 j 01:58	3°☿31'51	0.28979 AU
superior conj	-209 Jan 08 j 01:05	14°☾31'29	-1°-3'-28		-207 Jun 04 j 23:05	30°☿8	
minimum elong	-209 Jan 07 j 13:22	13°☾54'46	1°03'07	morning rise	-207 Jun 05 j 03:52	29°☿53'23	
max. Earth dist.	-209 Jan 11 j 23:12	19°☾26'07	1.71520 AU	direct	-207 Jun 20 j 14:02	25°☿19'41	
	-209 Jan 20 j 09:54	0°≈		greatest brilliancy	-207 Jul 04 j 16:51	28°☿47'28	-4.5m
	-209 Feb 13 j 11:31	0°☿			-207 Jul 07 j 04:12	0°☿	
evening rise	-209 Feb 17 j 14:47	5°☿08'10		morning max el	-207 Aug 08 j 18:30	25°☿37'43	46°02'17
	-209 Mar 09 j 17:08	0°☿			-207 Aug 13 j 05:07	0°☿	
asc. node	-209 Apr 01 j 00:28	27°☿22'39			-207 Sep 10 j 04:10	0°☿	
	-209 Apr 03 j 04:00	0°☿		asc. node	-207 Sep 15 j 19:29	6°☿25'35	
	-209 Apr 27 j 21:23	0°☿			-207 Oct 05 j 21:23	0°☿	
	-209 May 22 j 23:03	0°☿			-207 Oct 30 j 14:08	0°☿	
	-209 Jun 17 j 12:47	0°☿			-207 Nov 23 j 19:29	0°☿	
	-209 Jul 13 j 23:34	0°☿			-207 Dec 17 j 20:39	0°☿	
desc. node	-209 Jul 21 j 14:16	8°☿20'16		desc. node	-206 Jan 05 j 09:30	23°☿08'43	
	-209 Aug 11 j 08:44	0°☿			-206 Jan 10 j 21:22	0°☿	
evening max el	-209 Aug 14 j 16:23	3°☿15'32	46°27'46		-206 Feb 03 j 23:17	0°☿	
	-209 Sep 17 j 09:06	0°☿		morning set	-206 Feb 12 j 01:23	10°☿03'10	
greatest brilliancy	-209 Sep 23 j 00:37	2°☿31'28	-4.6m		-206 Feb 28 j 03:10	0°☿	
retrograde	-209 Oct 03 j 10:41	4°☿32'04					
evening set	-209 Oct 18 j 21:08	29°☿56'10		superior conj	-206 Mar 23 j 00:27	28°☿18'15	-1°-12'-21
	-209 Oct 18 j 18:20	30°☿☿		minimum elong	-206 Mar 23 j 09:19	28°☿45'37	1°12'09
inferior conj	-209 Oct 24 j 01:34	26°☿53'46	-4°-36'00		-206 Mar 24 j 09:26	0°☿	
minimum elong	-209 Oct 24 j 10:52	26°☿39'40	4°33'25	max. Earth dist.	-206 Mar 25 j 13:52	1°☿27'45	1.73078 AU
min. Earth dist.	-209 Oct 24 j 14:11	26°☿34'38	0.26558 AU		-206 Apr 17 j 18:10	0°☿	
morning rise	-209 Oct 30 j 00:05	23°☿25'40		asc. node	-206 Apr 28 j 12:26	13°☿12'54	
asc. node	-209 Nov 11 j 17:02	19°☿17'48		evening rise	-206 Apr 29 j 12:55	14°☿27'59	
direct	-209 Nov 13 j 11:53	19°☿13'52		greatest brilliancy	-206 May 03 j 17:42	19°☿36'55	-3.9m
greatest brilliancy	-209 Nov 26 j 08:30	22°☿18'13	-4.7m		-206 May 12 j 05:08	0°☿	
	-209 Dec 09 j 01:01	0°☿			-206 Jun 05 j 18:07	0°☿	
morning max el	-208 Jan 03 j 03:24	22°☿32'20	46°52'11		-206 Jun 30 j 09:33	0°☿	
	-208 Jan 10 j 08:29	0°☿			-206 Jul 25 j 05:01	0°☿	
	-208 Feb 06 j 12:53	0°☿		desc. node	-206 Aug 18 j 02:05	28°☿33'10	
desc. node	-208 Mar 02 j 07:07	28°☿42'06			-206 Aug 19 j 07:20	0°☿	
	-208 Mar 03 j 09:39	0°☿			-206 Sep 13 j 21:27	0°☿	
	-208 Mar 28 j 17:36	0°☿			-206 Oct 10 j 11:31	0°☿	
	-208 Apr 22 j 18:59	0°☿		evening max el	-206 Oct 26 j 21:13	17°☿20'50	47°24'31
	-208 May 17 j 15:53	0°☿			-206 Nov 09 j 00:04	0°☿	
	-208 Jun 11 j 08:23	0°☿		greatest brilliancy	-206 Dec 04 j 01:50	17°☿58'48	-4.7m
asc. node	-208 Jun 23 j 10:04	14°☿45'35		asc. node	-206 Dec 09 j 05:00	19°☿53'41	
morning set	-208 Jul 02 j 12:38	25°☿56'13		retrograde	-206 Dec 16 j 20:40	21°☿02'33	
	-208 Jul 05 j 19:53	0°☿		evening set	-205 Jan 01 j 08:50	16°☿11'55	
	-208 Jul 30 j 02:16	0°☿		min. Earth dist.	-205 Jan 05 j 12:34	13°☿41'41	0.27057 AU
max. Earth dist.	-208 Aug 04 j 04:28	6°☿19'27	1.72516 AU	inferior conj	-205 Jan 06 j 13:29	13°☿02'56	6°26'58
				minimum elong	-205 Jan 06 j 03:26	13°☿18'34	6°24'50
superior conj	-208 Aug 08 j 00:29	11°☿05'34	1°21'02	morning rise	-205 Jan 10 j 22:40	10°☿23'37	
minimum elong	-208 Aug 07 j 19:29	10°☿50'02	1°20'58	direct	-205 Jan 27 j 01:48	5°☿17'37	
	-208 Aug 23 j 04:35	0°☿		greatest brilliancy	-205 Feb 06 j 14:19	7°☿22'09	-4.6m
evening rise	-208 Sep 14 j 11:22	27°☿50'43			-205 Mar 10 j 16:12	0°☿	
	-208 Sep 16 j 04:43	0°☿		morning max el	-205 Mar 17 j 14:12	6°☿33'54	46°13'53
	-208 Oct 10 j 04:27	0°☿		desc. node	-205 Mar 30 j 18:55	19°☿54'26	
desc. node	-208 Oct 12 j 23:57	3°☿30'58			-205 Apr 09 j 06:58	0°☿	
	-208 Nov 03 j 05:03	0°☿			-205 May 06 j 06:28	0°☿	
	-208 Nov 27 j 07:43	0°☿			-205 Jun 01 j 05:03	0°☿	
	-208 Dec 21 j 14:52	0°☿			-205 Jun 26 j 12:50	0°☿	
	-207 Jan 15 j 07:36	0°☿			-205 Jul 21 j 09:02	0°☿	
asc. node	-207 Feb 03 j 02:39	22°☿14'08		asc. node	-205 Jul 21 j 21:54	0°☿39'10	
	-207 Feb 09 j 19:45	0°☿			-205 Aug 14 j 19:24	0°☿	
	-207 Mar 09 j 01:06	0°☿			-205 Sep 07 j 22:11	0°☿	
evening max el	-207 Mar 20 j 16:54	11°☿46'07	45°34'14	morning set	-205 Sep 10 j 23:09	3°☿48'11	
	-207 Apr 10 j 16:13	0°☿			-205 Oct 01 j 20:16	0°☿	
greatest brilliancy	-207 Apr 23 j 19:44	8°☿07'30	-4.5m	max. Earth dist.	-205 Oct 19 j 03:19	21°☿45'34	1.71125 AU
retrograde	-207 May 08 j 10:39	11°☿50'46					
evening set	-207 May 23 j 10:46	7°☿29'31		superior conj	-205 Oct 19 j 20:55	22°☿40'57	0°48'21
desc. node	-207 May 25 j 16:31	6°☿13'17		minimum elong	-205 Oct 20 j 07:09	23°☿13'08	0°47'56
inferior conj	-207 May 29 j 21:34	3°☿38'43	0°-58'-55		-205 Oct 25 j 16:26	0°☿	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-205 Nov 10 j 11:56	19° \mathbb{M} 54'15	greatest brilliancy	-202 Apr 21 j 09:02	18° \mathbb{K} 48'42	-4.5m
	-205 Nov 18 j 12:36	0° \mathbb{X}	desc. node	-202 Apr 27 j 06:43	21° \mathbb{K} 39'24	
evening rise	-205 Nov 30 j 09:28	14° \mathbb{X} 54'55		-202 May 09 j 17:04	0° \mathbb{Y}	
	-205 Dec 12 j 09:57	0° \mathbb{Z}	morning max el	-202 May 28 j 03:07	16° \mathbb{Y} 03'16	45°45'36
	-204 Jan 05 j 09:43	0° \approx		-202 Jun 11 j 03:12	0° \mathbb{X}	
	-204 Jan 29 j 13:50	0° \mathbb{K}		-202 Jul 08 j 19:37	0° \mathbb{II}	
	-204 Feb 23 j 01:23	0° \mathbb{Y}		-202 Aug 03 j 19:59	0° \mathbb{S}	
asc. node	-204 Mar 02 j 14:35	10° \mathbb{Y} 21'14	asc. node	-202 Aug 18 j 09:40	17° \mathbb{S} 20'02	
	-204 Mar 19 j 00:39	0° \mathbb{X}		-202 Aug 28 j 21:17	0° \mathbb{Q}	
	-204 Apr 13 j 18:31	0° \mathbb{II}		-202 Sep 22 j 07:30	0° \mathbb{M}	
	-204 May 10 j 21:58	0° \mathbb{S}		-202 Oct 16 j 08:35	0° \mathbb{L}	
evening max el	-204 May 30 j 11:59	19° \mathbb{S} 49'18	45°22'41	-202 Nov 09 j 05:22	0° \mathbb{M}	
	-204 Jun 10 j 17:16	0° \mathbb{Q}	morning set	-202 Nov 24 j 10:53	19° \mathbb{M} 10'26	
desc. node	-204 Jun 22 j 04:32	8° \mathbb{Q} 58'31		-202 Dec 03 j 01:16	0° \mathbb{X}	
greatest brilliancy	-204 Jul 06 j 03:13	16° \mathbb{Q} 50'28	-4.5m	desc. node	-202 Dec 07 j 23:42	6° \mathbb{X} 12'30
retrograde	-204 Jul 18 j 01:39	19° \mathbb{Q} 21'06		-202 Dec 26 j 22:08	0° \mathbb{Z}	
evening set	-204 Aug 04 j 12:20	13° \mathbb{Q} 42'46				
inferior conj	-204 Aug 08 j 07:29	11° \mathbb{Q} 24'47	-8°-23'-13	superior conj	-201 Jan 05 j 11:13	11° \mathbb{Z} 58'26
minimum elong	-204 Aug 08 j 01:45	11° \mathbb{Q} 33'37	8°22'45	minimum elong	-201 Jan 04 j 23:25	11° \mathbb{Z} 21'26
min. Earth dist.	-204 Aug 08 j 18:07	11° \mathbb{Q} 08'22	0.28280 AU	max. Earth dist.	-201 Jan 09 j 04:04	16° \mathbb{Z} 36'40
morning rise	-204 Aug 11 j 14:56	9° \mathbb{Q} 23'27			-201 Jan 19 j 20:54	0° \approx
direct	-204 Aug 29 j 16:13	3° \mathbb{Q} 18'06			-201 Feb 12 j 22:30	0° \mathbb{K}
greatest brilliancy	-204 Sep 12 j 23:51	6° \mathbb{Q} 57'24	-4.6m	evening rise	-201 Feb 15 j 03:12	2° \mathbb{K} 43'36
asc. node	-204 Oct 13 j 07:20	0° \mathbb{M} 12'30			-201 Mar 09 j 04:10	0° \mathbb{Y}
	-204 Oct 13 j 02:10	0° \mathbb{M}	asc. node	-201 Mar 31 j 02:37	26° \mathbb{Y} 55'03	
morning max el	-204 Oct 19 j 01:18	5° \mathbb{M} 54'07	46°43'22		-201 Apr 02 j 15:13	0° \mathbb{X}
	-204 Nov 10 j 10:09	0° \mathbb{L}			-201 Apr 27 j 08:58	0° \mathbb{II}
	-204 Dec 06 j 04:39	0° \mathbb{M}			-201 May 22 j 11:19	0° \mathbb{S}
	-204 Dec 31 j 02:05	0° \mathbb{X}			-201 Jun 17 j 02:20	0° \mathbb{Q}
	-203 Jan 24 j 15:54	0° \mathbb{Z}			-201 Jul 13 j 15:40	0° \mathbb{M}
desc. node	-203 Feb 01 j 21:18	10° \mathbb{Z} 04'23		desc. node	-201 Jul 20 j 16:14	7° \mathbb{M} 38'57
	-203 Feb 18 j 03:23	0° \approx			-201 Aug 11 j 07:31	0° \mathbb{L}
	-203 Mar 14 j 14:34	0° \mathbb{K}		evening max el	-201 Aug 12 j 05:36	0° \mathbb{L} 53'43
	-203 Apr 08 j 02:01	0° \mathbb{Y}	46°25'10		-201 Sep 20 j 07:59	0° \mathbb{M}
morning set	-203 Apr 23 j 22:59	19° \mathbb{Y} 27'05		greatest brilliancy	-201 Sep 20 j 12:23	0° \mathbb{M} 04'05
	-203 May 02 j 13:37	0° \mathbb{X}	-4.6m	retrograde	-201 Sep 30 j 23:12	2° \mathbb{M} 05'09
asc. node	-203 May 26 j 00:19	28° \mathbb{X} 45'32			-201 Oct 11 j 03:43	30° \mathbb{R} \mathbb{L}
	-203 May 27 j 00:35	0° \mathbb{II}		evening set	-201 Oct 16 j 12:21	27° \mathbb{L} 24'41
max. Earth dist.	-203 May 28 j 19:31	2° \mathbb{II} 11'48	1.73635 AU	inferior conj	-201 Oct 21 j 13:53	24° \mathbb{L} 26'24
				minimum elong	-201 Oct 21 j 23:38	24° \mathbb{L} 11'38
superior conj	-203 May 30 j 10:11	4° \mathbb{II} 10'32	0°10'27	min. Earth dist.	-201 Oct 22 j 03:25	24° \mathbb{L} 05'55
minimum elong	-203 May 30 j 08:06	4° \mathbb{II} 04'06	0°10'21	morning rise	-201 Oct 27 j 10:27	21° \mathbb{L} 01'19
behind sun begin	-203 May 29 j 15:03	3° \mathbb{II} 11'44		asc. node	-201 Nov 10 j 19:07	16° \mathbb{L} 45'49
behind sun end	-203 May 31 j 01:09	4° \mathbb{II} 56'29		direct	-201 Nov 11 j 01:09	16° \mathbb{L} 45'44
	-203 Jun 20 j 10:07	0° \mathbb{S}		greatest brilliancy	-201 Nov 23 j 23:40	19° \mathbb{L} 52'59
evening rise	-203 Jul 05 j 03:56	18° \mathbb{S} 10'10	-4.7m		-201 Dec 09 j 19:12	0° \mathbb{M}
	-203 Jul 14 j 18:01	0° \mathbb{Q}	morning max el	-201 Dec 31 j 18:01	20° \mathbb{M} 09'48	46°52'50
	-203 Aug 08 j 01:03	0° \mathbb{M}			-200 Jan 10 j 04:42	0° \mathbb{X}
	-203 Sep 01 j 08:38	0° \mathbb{L}			-200 Feb 06 j 04:27	0° \mathbb{Z}
desc. node	-203 Sep 14 j 14:08	16° \mathbb{L} 16'55		desc. node	-200 Mar 01 j 09:12	28° \mathbb{Z} 08'12
	-203 Sep 25 j 18:17	0° \mathbb{M}			-200 Mar 02 j 23:12	0° \approx
	-203 Oct 20 j 07:51	0° \mathbb{X}			-200 Mar 28 j 06:01	0° \mathbb{K}
	-203 Nov 14 j 05:05	0° \mathbb{Z}			-200 Apr 22 j 06:43	0° \mathbb{Y}
	-203 Dec 09 j 20:03	0° \approx			-200 May 17 j 03:10	0° \mathbb{X}
asc. node	-202 Jan 05 j 16:50	29° \approx 15'04			-200 Jun 10 j 19:23	0° \mathbb{II}
	-202 Jan 06 j 10:32	0° \mathbb{K}		asc. node	-200 Jun 22 j 12:05	14° \mathbb{II} 18'20
evening max el	-202 Jan 06 j 07:50	29° \approx 53'09	46°47'50	morning set	-200 Jun 30 j 06:34	23° \mathbb{II} 50'25
greatest brilliancy	-202 Feb 11 j 10:18	29° \mathbb{K} 02'45	-4.6m		-200 Jul 05 j 06:44	0° \mathbb{S}
	-202 Feb 13 j 12:12	0° \mathbb{Y}			-200 Jul 29 j 13:06	0° \mathbb{Q}
retrograde	-202 Feb 25 j 17:53	2° \mathbb{Y} 46'30		max. Earth dist.	-200 Aug 01 j 22:21	4° \mathbb{Q} 12'10
	-202 Mar 09 j 10:50	30° \mathbb{R} \mathbb{K}	1.72569 AU			
evening set	-202 Mar 15 j 04:14	26° \mathbb{K} 53'53		superior conj	-200 Aug 05 j 17:34	8° \mathbb{Q} 55'37
inferior conj	-202 Mar 19 j 01:13	24° \mathbb{K} 28'20	7°32'23	minimum elong	-200 Aug 05 j 12:01	8° \mathbb{Q} 38'23
minimum elong	-202 Mar 19 j 09:11	24° \mathbb{K} 15'39	7°31'18		-200 Aug 22 j 15:31	0° \mathbb{M}
min. Earth dist.	-202 Mar 18 j 23:07	24° \mathbb{K} 31'41	0.28722 AU	evening rise	-200 Sep 12 j 01:28	25° \mathbb{M} 30'05
morning rise	-202 Mar 23 j 14:20	21° \mathbb{K} 38'48			-200 Sep 15 j 15:49	0° \mathbb{L}
direct	-202 Apr 09 j 08:27	16° \mathbb{K} 14'23			-200 Oct 09 j 15:45	0° \mathbb{M}

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-200 Oct 12 j 02:08	3°♁02'23		-197 Apr 09 j 00:00	0°✎		
	-200 Nov 02 j 16:34	0°✎		-197 May 05 j 20:32	0°Υ		
	-200 Nov 26 j 19:31	0°☾		-197 May 31 j 17:42	0°♄		
	-200 Dec 21 j 03:05	0°≈		-197 Jun 26 j 00:43	0°♂		
	-199 Jan 14 j 20:36	0°✎		-197 Jul 20 j 23:54	0°♁10'23		
asc. node	-199 Feb 02 j 04:40	21°✎39'09		-197 Jul 20 j 20:29	0°♁		
	-199 Feb 09 j 10:21	0°Υ		-197 Aug 14 j 06:38	0°♂		
	-199 Mar 08 j 19:51	0°♄		-197 Sep 07 j 09:20	0°♁		
evening max el	-199 Mar 18 j 09:38	9°♄36'51	45°35'54	-197 Sep 08 j 13:47	1°♁28'56		
	-199 Apr 11 j 08:45	0°♂		-197 Oct 01 j 07:26	0°♁		
greatest brilliancy	-199 Apr 21 j 11:59	5°♂58'44	-4.5m	-197 Oct 16 j 07:12	18°♁51'33	1.71153 AU	
retrograde	-199 May 06 j 03:22	9°♂42'02					
evening set	-199 May 21 j 03:37	5°♂20'21		superior conj	-197 Oct 17 j 08:29	20°♁11'07	0°51'26
desc. node	-199 May 24 j 18:36	3°♂13'58		minimum elong	-197 Oct 17 j 18:58	20°♁44'04	0°51'01
inferior conj	-199 May 27 j 13:56	1°♂29'39	0°-39'-20		-197 Oct 25 j 03:39	0°♁	
minimum elong	-199 May 27 j 12:29	1°♂31'54	0°38'55	desc. node	-197 Nov 09 j 13:57	19°♁25'07	
min. Earth dist.	-199 May 27 j 18:12	1°♂22'59	0.28985 AU		-197 Nov 17 j 23:53	0°✎	
	-199 May 29 j 23:40	30°♄		evening rise	-197 Nov 27 j 18:53	12°✎18'08	
morning rise	-199 Jun 02 j 21:19	27°♄42'47			-197 Dec 11 j 21:21	0°☾	
direct	-199 Jun 18 j 07:00	23°♄10'40			-196 Jan 04 j 21:13	0°≈	
greatest brilliancy	-199 Jul 02 j 07:22	26°♄36'11	-4.5m		-196 Jan 29 j 01:30	0°✎	
	-199 Jul 08 j 16:28	0°♂			-196 Feb 22 j 13:22	0°Υ	
morning max el	-199 Aug 06 j 10:31	23°♂26'35	46°00'58	asc. node	-196 Mar 01 j 16:47	9°Υ51'06	
	-199 Aug 13 j 01:27	0°♁			-196 Mar 18 j 13:20	0°♄	
	-199 Sep 09 j 19:23	0°♂			-196 Apr 13 j 08:39	0°♂	
asc. node	-199 Sep 14 j 21:42	5°♂49'42			-196 May 10 j 15:36	0°♁	
	-199 Oct 05 j 10:43	0°♁		evening max el	-196 May 28 j 01:40	17°♁32'22	45°21'33
	-199 Oct 30 j 02:34	0°♁			-196 Jun 11 j 00:03	0°♂	
	-199 Nov 23 j 07:26	0°♁		desc. node	-196 Jun 21 j 06:29	7°♂44'34	
	-199 Dec 17 j 08:17	0°✎		greatest brilliancy	-196 Jul 03 j 15:02	14°♂32'28	-4.5m
desc. node	-198 Jan 04 j 11:29	22°✎39'14		retrograde	-196 Jul 15 j 15:35	17°♂05'47	
	-198 Jan 10 j 08:44	0°☾		evening set	-196 Aug 01 j 23:36	11°♂31'40	
	-198 Feb 03 j 10:27	0°≈		inferior conj	-196 Aug 05 j 22:14	9°♂08'45	-8°-16'-18
morning set	-198 Feb 09 j 13:56	7°≈38'28		minimum elong	-196 Aug 05 j 15:48	9°♂18'39	8°15'43
	-198 Feb 27 j 14:12	0°✎		min. Earth dist.	-196 Aug 06 j 08:35	8°♂52'47	0.28328 AU
				morning rise	-196 Aug 09 j 07:44	7°♂04'21	
superior conj	-198 Mar 20 j 16:05	26°✎04'30	-1°-14'-6	direct	-196 Aug 27 j 06:58	1°♂01'08	
minimum elong	-198 Mar 21 j 00:38	26°✎30'56	1°13'55	greatest brilliancy	-196 Sep 10 j 16:35	4°♂41'56	-4.6m
max. Earth dist.	-198 Mar 23 j 10:46	29°✎30'22	1.73036 AU	asc. node	-196 Oct 12 j 09:24	29°♂17'48	
	-198 Mar 23 j 20:22	0°Υ			-196 Oct 13 j 02:37	0°♁	
	-198 Apr 17 j 05:07	0°♄		morning max el	-196 Oct 16 j 14:50	3°♁30'08	46°42'15
evening rise	-198 Apr 27 j 06:42	12°♄21'39			-196 Nov 10 j 03:03	0°♁	
asc. node	-198 Apr 27 j 14:32	12°♄45'40			-196 Dec 05 j 19:00	0°♁	
greatest brilliancy	-198 May 06 j 12:42	23°♄42'01	-3.9m		-196 Dec 30 j 15:11	0°✎	
	-198 May 11 j 16:11	0°♂			-195 Jan 24 j 04:16	0°☾	
	-198 Jun 05 j 05:23	0°♁		desc. node	-195 Jan 31 j 23:21	9°☾33'21	
	-198 Jun 29 j 21:14	0°♂			-195 Feb 17 j 15:16	0°≈	
	-198 Jul 24 j 17:22	0°♁			-195 Mar 14 j 02:03	0°✎	
desc. node	-198 Aug 17 j 04:11	27°♁59'52			-195 Apr 07 j 13:12	0°Υ	
	-198 Aug 18 j 20:45	0°♁		morning set	-195 Apr 21 j 16:41	17°Υ20'22	
	-198 Sep 13 j 12:39	0°♁			-195 May 02 j 00:36	0°♄	
	-198 Oct 10 j 06:22	0°✎		asc. node	-195 May 25 j 02:19	28°♄18'10	
evening max el	-198 Oct 24 j 12:14	14°✎58'31	47°23'54		-195 May 26 j 11:29	0°♂	
	-198 Nov 09 j 07:26	0°☾		max. Earth dist.	-195 May 26 j 16:36	0°♂15'40	1.73646 AU
greatest brilliancy	-198 Dec 01 j 18:21	15°☾35'13	-4.7m				
asc. node	-198 Dec 08 j 07:03	17°☾50'43		superior conj	-195 May 28 j 04:52	2°♂07'01	0°07'22
retrograde	-198 Dec 14 j 10:24	18°☾35'21		minimum elong	-195 May 28 j 03:22	2°♂02'26	0°07'18
evening set	-198 Dec 29 j 19:10	13°☾50'26		behind sun begin	-195 May 27 j 07:22	1°♂01'00	
min. Earth dist.	-197 Jan 03 j 02:16	11°☾15'20	0.26989 AU	behind sun end	-195 May 28 j 23:23	3°♂03'52	
inferior conj	-197 Jan 04 j 02:47	10°☾37'11	6°11'17		-195 Jun 19 j 21:04	0°♁	
minimum elong	-197 Jan 03 j 16:43	10°☾52'52	6°09'02	evening rise	-195 Jul 02 j 23:00	16°☾06'58	
morning rise	-197 Jan 08 j 14:55	7°☾53'33			-195 Jul 14 j 05:08	0°♂	
direct	-197 Jan 24 j 14:43	2°☾53'08			-195 Aug 07 j 12:27	0°♁	
greatest brilliancy	-197 Feb 04 j 03:07	4°☾57'26	-4.6m		-195 Aug 31 j 20:24	0°♁	
	-197 Mar 10 j 18:14	0°≈		desc. node	-195 Sep 13 j 16:15	15°♁46'25	
morning max el	-197 Mar 15 j 03:08	4°≈11'45	46°15'20		-195 Sep 25 j 06:34	0°♁	
desc. node	-197 Mar 29 j 21:06	19°≈10'34			-195 Oct 19 j 20:51	0°✎	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-195 Nov 13 j 19:12	0°☾				-192 Jun 10 j 06:26	0°♊		
	-195 Dec 09 j 12:21	0°♊			asc. node	-192 Jun 21 j 14:10	13°♊51'13		
evening max el	-194 Jan 03 j 22:00	27°♊31'51	46°50'23		morning set	-192 Jun 28 j 00:45	21°♊45'23		
asc. node	-194 Jan 04 j 18:52	28°♊24'37				-192 Jul 04 j 17:37	0°☿		
	-194 Jan 06 j 08:55	0°♋				-192 Jul 28 j 23:57	0°♌		
greatest brilliancy	-194 Feb 09 j 02:28	26°♋48'21	-4.6m		max. Earth dist.	-192 Jul 30 j 15:12	2°♌01'48	1.72620 AU	
	-194 Feb 18 j 03:13	0°♌							
retrograde	-194 Feb 23 j 10:11	0°♌33'04			superior conj	-192 Aug 03 j 10:59	6°♌46'48	1°18'56	
	-194 Feb 28 j 14:23	30°♌			minimum elong	-192 Aug 03 j 04:57	6°♌28'02	1°18'50	
evening set	-194 Mar 12 j 22:38	24°♌36'31				-192 Aug 22 j 02:27	0°♍		
inferior conj	-194 Mar 16 j 17:14	22°♌14'49	7°41'51		evening rise	-192 Sep 09 j 15:52	23°♍10'30		
minimum elong	-194 Mar 17 j 00:46	22°♌02'50	7°40'54			-192 Sep 15 j 02:55	0°♎		
min. Earth dist.	-194 Mar 16 j 14:20	22°♌19'25	0.28690 AU			-192 Oct 09 j 03:05	0°♏		
morning rise	-194 Mar 21 j 03:06	19°♌30'21			desc. node	-192 Oct 11 j 04:08	2°♏33'10		
direct	-194 Apr 06 j 23:30	14°♌01'15				-192 Nov 02 j 04:10	0°♐		
greatest brilliancy	-194 Apr 18 j 23:36	16°♌35'16	-4.5m			-192 Nov 26 j 07:25	0°☾		
desc. node	-194 Apr 26 j 08:42	20°♌15'54				-192 Dec 20 j 15:26	0°♑		
	-194 May 10 j 03:31	0°♒				-191 Jan 14 j 09:45	0°♋		
morning max el	-194 May 25 j 19:08	13°♒52'43	45°46'03		asc. node	-191 Feb 01 j 06:51	21°♋04'18		
	-194 Jun 10 j 21:27	0°♓				-191 Feb 09 j 01:10	0°♌		
	-194 Jul 08 j 10:03	0°♊				-191 Mar 08 j 15:06	0°♍		
	-194 Aug 03 j 08:49	0°☿			evening max el	-191 Mar 16 j 01:55	7°♍26'27	45°37'45	
asc. node	-194 Aug 17 j 11:54	16°☿49'47				-191 Apr 12 j 06:57	0°♊		
	-194 Aug 28 j 09:21	0°♌			greatest brilliancy	-191 Apr 19 j 05:08	3°♊51'21	-4.5m	
	-194 Sep 21 j 19:10	0°♍			retrograde	-191 May 03 j 19:43	7°♊33'42		
	-194 Oct 15 j 20:03	0°♎			evening set	-191 May 18 j 20:43	3°♊11'30		
	-194 Nov 08 j 16:45	0°♏			desc. node	-191 May 23 j 20:38	0°♊13'57		
morning set	-194 Nov 21 j 20:59	16°♏35'25				-191 May 24 j 05:35	30°♋		
	-194 Dec 02 j 12:35	0°♐			inferior conj	-191 May 25 j 06:25	29°♋21'08	0°-19'-44	
desc. node	-194 Dec 07 j 01:42	5°♐43'18			minimum elong	-191 May 25 j 05:42	29°♋22'16	0°19'31	
	-194 Dec 26 j 09:22	0°☾			min. Earth dist.	-191 May 25 j 10:44	29°♋14'23	0.28988 AU	
					morning rise	-191 May 31 j 14:40	25°♋32'44		
superior conj	-193 Jan 02 j 21:00	9°☾23'27	0°-57'-55		direct	-191 Jun 15 j 23:51	21°♋02'15		
minimum elong	-193 Jan 02 j 09:12	8°☾46'28	0°57'30		greatest brilliancy	-191 Jun 29 j 21:32	24°♋24'46	-4.5m	
max. Earth dist.	-193 Jan 06 j 11:10	13°☾53'29	1.71436 AU			-191 Jul 09 j 17:54	0°♊		
	-193 Jan 19 j 08:05	0°♑			morning max el	-191 Aug 04 j 01:47	21°♊14'04	45°59'45	
	-193 Feb 12 j 09:40	0°♋				-191 Aug 12 j 21:00	0°☿		
evening rise	-193 Feb 12 j 15:31	0°♋18'11				-191 Sep 09 j 10:14	0°♌		
	-193 Mar 08 j 15:23	0°♌			asc. node	-191 Sep 13 j 23:43	5°♌14'00		
asc. node	-193 Mar 30 j 04:42	26°♌26'40				-191 Oct 04 j 23:48	0°♍		
	-193 Apr 02 j 02:37	0°♍				-191 Oct 29 j 14:50	0°♎		
	-193 Apr 26 j 20:45	0°♊				-191 Nov 22 j 19:14	0°♏		
	-193 May 21 j 23:48	0°☿				-191 Dec 16 j 19:48	0°♐		
	-193 Jun 16 j 16:08	0°♌			desc. node	-190 Jan 03 j 13:37	22°♐10'28		
	-193 Jul 13 j 08:10	0°♍				-190 Jan 09 j 20:02	0°☾		
desc. node	-193 Jul 19 j 18:20	6°♍57'11				-190 Feb 02 j 21:34	0°♑		
evening max el	-193 Aug 09 j 19:19	28°♍32'52	46°22'22		morning set	-190 Feb 07 j 01:53	5°♑12'00		
	-193 Aug 11 j 07:30	0°♎				-190 Feb 27 j 01:09	0°♋		
greatest brilliancy	-193 Sep 17 j 23:33	27°♎35'24	-4.6m						
retrograde	-193 Sep 28 j 11:33	29°♎36'53			superior conj	-190 Mar 18 j 07:14	23°♋49'37	-1°-15'-45	
evening set	-193 Oct 14 j 03:29	24°♎51'58			minimum elong	-190 Mar 18 j 15:24	24°♋14'50	1°15'35	
inferior conj	-193 Oct 19 j 01:58	21°♎57'41	-5°-16'-12		max. Earth dist.	-190 Mar 21 j 07:06	27°♋31'31	1.72986 AU	
minimum elong	-193 Oct 19 j 12:05	21°♎42'23	5°13'35			-190 Mar 23 j 07:13	0°♌		
min. Earth dist.	-193 Oct 19 j 16:07	21°♎36'16	0.26649 AU			-190 Apr 16 j 15:54	0°♍		
morning rise	-193 Oct 24 j 20:17	18°♎35'51			evening rise	-190 Apr 25 j 00:09	10°♍14'46		
direct	-193 Nov 08 j 14:31	14°♎16'25			asc. node	-190 Apr 26 j 16:29	12°♍18'30		
asc. node	-193 Nov 09 j 21:09	14°♎18'25				-190 May 11 j 03:03	0°♊		
greatest brilliancy	-193 Nov 21 j 13:55	17°♎25'20	-4.7m			-190 Jun 04 j 16:29	0°☿		
	-193 Dec 10 j 09:18	0°♏				-190 Jun 29 j 08:46	0°♌		
morning max el	-193 Dec 29 j 08:24	17°♏45'42	46°53'29			-190 Jul 24 j 05:35	0°♍		
	-192 Jan 10 j 00:36	0°♐			desc. node	-190 Aug 16 j 06:20	27°♍27'15		
	-192 Feb 05 j 19:59	0°☾				-190 Aug 18 j 10:01	0°♎		
desc. node	-192 Feb 29 j 11:24	27°☾34'32				-190 Sep 13 j 03:45	0°♏		
	-192 Mar 02 j 12:44	0°♑				-190 Oct 10 j 01:22	0°♐		
	-192 Mar 27 j 18:27	0°♋			evening max el	-190 Oct 22 j 02:07	12°♐34'16	47°23'06	
	-192 Apr 21 j 18:28	0°♌				-190 Nov 09 j 16:59	0°☾		
	-192 May 16 j 14:29	0°♍			greatest brilliancy	-190 Nov 29 j 10:55	13°☾12'16	-4.7m	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-190 Dec 07 j 09:04	15° $\overline{3}$ 43'24		superior conj	-187 May 25 j 23:18	0° $\overline{\text{II}}$ 03'52	0°04'16
retrograde	-190 Dec 11 j 23:28	16° $\overline{3}$ 08'43		minimum elong	-187 May 25 j 22:27	0° $\overline{\text{II}}$ 01'14	0°04'14
evening set	-190 Dec 27 j 05:32	11° $\overline{3}$ 29'07		behind sun begin	-187 May 25 j 00:46	28° $\overline{8}$ 54'41	
min. Earth dist.	-190 Dec 31 j 16:18	8° $\overline{3}$ 48'57	0.26928 AU	behind sun end	-187 May 26 j 20:07	1° $\overline{\text{II}}$ 07'48	
inferior conj	-189 Jan 01 j 16:04	8° $\overline{3}$ 11'59	5°54'45		-187 May 25 j 22:03	0° $\overline{\text{II}}$	
minimum elong	-189 Jan 01 j 06:02	8° $\overline{3}$ 27'35	5°52'24		-187 Jun 19 j 07:40	0° $\overline{5}$	
morning rise	-189 Jan 06 j 07:09	5° $\overline{3}$ 24'01		evening rise	-187 Jun 30 j 17:59	14° $\overline{5}$ 04'46	
direct	-189 Jan 22 j 03:12	0° $\overline{3}$ 28'56			-187 Jul 13 j 15:53	0° $\overline{9}$	
greatest brilliancy	-189 Feb 01 j 17:08	2° $\overline{3}$ 34'19	-4.6m		-187 Aug 06 j 23:28	0° $\overline{\text{m}}$	
	-189 Mar 10 j 18:48	0° \approx			-187 Aug 31 j 07:49	0° $\overline{1}$	
morning max el	-189 Mar 12 j 15:29	1° \approx 48'21	46°16'49	desc. node	-187 Sep 12 j 18:13	15° $\overline{1}$ 16'34	
desc. node	-189 Mar 28 j 23:04	18° \approx 27'12			-187 Sep 24 j 18:32	0° $\overline{\text{m}}$	
	-189 Apr 08 j 16:33	0° $\overline{\text{X}}$			-187 Oct 19 j 09:34	0° $\overline{7}$	
	-189 May 05 j 10:16	0° $\overline{\text{Y}}$			-187 Nov 13 j 09:04	0° $\overline{3}$	
	-189 May 31 j 06:02	0° $\overline{8}$			-187 Dec 09 j 04:28	0° \approx	
	-189 Jun 25 j 12:15	0° $\overline{\text{II}}$		evening max el	-186 Jan 01 j 13:09	25° \approx 14'21	46°53'01
asc. node	-189 Jul 20 j 02:03	29° $\overline{\text{II}}$ 43'04		asc. node	-186 Jan 03 j 21:04	27° \approx 35'10	
	-189 Jul 20 j 07:36	0° $\overline{5}$			-186 Jan 06 j 07:37	0° $\overline{\text{X}}$	
	-189 Aug 13 j 17:34	0° $\overline{9}$		greatest brilliancy	-186 Feb 06 j 18:32	24° $\overline{\text{X}}$ 35'20	-4.6m
morning set	-189 Sep 06 j 04:42	29° $\overline{9}$ 11'33		retrograde	-186 Feb 21 j 03:05	28° $\overline{\text{X}}$ 21'07	
	-189 Sep 06 j 20:12	0° $\overline{\text{m}}$		evening set	-186 Mar 10 j 17:01	22° $\overline{\text{X}}$ 20'47	
	-189 Sep 30 j 18:18	0° $\overline{1}$		inferior conj	-186 Mar 14 j 09:19	20° $\overline{\text{X}}$ 02'43	7°50'36
max. Earth dist.	-189 Oct 13 j 13:57	16° $\overline{1}$ 07'31	1.71181 AU	minimum elong	-186 Mar 14 j 16:24	19° $\overline{\text{X}}$ 51'29	7°49'46
				min. Earth dist.	-186 Mar 14 j 05:14	20° $\overline{\text{X}}$ 09'11	0.28657 AU
superior conj	-189 Oct 14 j 20:32	17° $\overline{1}$ 43'46	0°54'23	morning rise	-186 Mar 18 j 16:00	17° $\overline{\text{X}}$ 23'18	
minimum elong	-189 Oct 15 j 07:12	18° $\overline{1}$ 17'18	0°53'59	direct	-186 Apr 04 j 15:05	11° $\overline{\text{X}}$ 49'40	
	-189 Oct 24 j 14:33	0° $\overline{\text{m}}$		greatest brilliancy	-186 Apr 16 j 13:34	14° $\overline{\text{X}}$ 22'39	-4.5m
desc. node	-189 Nov 08 j 15:59	18° $\overline{\text{m}}$ 57'04		desc. node	-186 Apr 25 j 10:47	18° $\overline{\text{X}}$ 56'40	
	-189 Nov 17 j 10:51	0° $\overline{7}$			-186 May 10 j 10:35	0° $\overline{\text{Y}}$	
evening rise	-189 Nov 25 j 04:46	9° $\overline{7}$ 43'57		morning max el	-186 May 23 j 11:50	11° $\overline{\text{Y}}$ 45'02	45°46'21
	-189 Dec 11 j 08:23	0° $\overline{3}$			-186 Jun 10 j 14:52	0° $\overline{8}$	
	-188 Jan 04 j 08:22	0° \approx			-186 Jul 07 j 23:57	0° $\overline{\text{II}}$	
	-188 Jan 28 j 12:51	0° $\overline{\text{X}}$			-186 Aug 02 j 21:13	0° $\overline{5}$	
	-188 Feb 22 j 01:05	0° $\overline{\text{Y}}$		asc. node	-186 Aug 16 j 13:55	16° $\overline{5}$ 20'06	
asc. node	-188 Feb 29 j 18:47	9° $\overline{\text{Y}}$ 21'14			-186 Aug 27 j 21:00	0° $\overline{9}$	
	-188 Mar 18 j 01:47	0° $\overline{8}$			-186 Sep 21 j 06:25	0° $\overline{\text{m}}$	
	-188 Apr 12 j 22:38	0° $\overline{\text{II}}$			-186 Oct 15 j 07:07	0° $\overline{1}$	
	-188 May 10 j 09:17	0° $\overline{5}$			-186 Nov 08 j 03:45	0° $\overline{\text{m}}$	
evening max el	-188 May 25 j 15:42	15° $\overline{5}$ 17'30	45°20'46	morning set	-186 Nov 19 j 07:15	14° $\overline{\text{m}}$ 02'05	
	-188 Jun 11 j 08:46	0° $\overline{9}$			-186 Dec 01 j 23:34	0° $\overline{7}$	
desc. node	-188 Jun 20 j 08:37	6° $\overline{9}$ 30'07		desc. node	-186 Dec 06 j 03:49	5° $\overline{7}$ 15'28	
greatest brilliancy	-188 Jul 01 j 01:57	12° $\overline{9}$ 15'02	-4.5m		-186 Dec 25 j 20:18	0° $\overline{3}$	
retrograde	-188 Jul 13 j 06:15	14° $\overline{9}$ 52'25					
evening set	-188 Jul 30 j 11:00	9° $\overline{9}$ 22'20		superior conj	-186 Dec 31 j 06:43	6° $\overline{3}$ 49'11	0°-54'-55
inferior conj	-188 Aug 03 j 13:09	6° $\overline{9}$ 54'26	-8°-8'-44	minimum elong	-186 Dec 30 j 19:02	6° $\overline{3}$ 12'32	0°54'30
minimum elong	-188 Aug 03 j 06:06	7° $\overline{9}$ 05'17	8°07'59	max. Earth dist.	-185 Jan 03 j 19:54	11° $\overline{3}$ 16'18	1.71393 AU
min. Earth dist.	-188 Aug 03 j 22:56	6° $\overline{9}$ 39'22	0.28375 AU		-185 Jan 18 j 18:56	0° \approx	
morning rise	-188 Aug 07 j 00:56	4° $\overline{9}$ 46'47		evening rise	-185 Feb 10 j 03:52	27° \approx 53'48	
	-188 Aug 17 j 01:41	30° $\overline{\text{R}}$ $\overline{5}$			-185 Feb 11 j 20:29	0° $\overline{\text{X}}$	
direct	-188 Aug 24 j 22:06	28° $\overline{5}$ 45'52			-185 Mar 08 j 02:15	0° $\overline{\text{Y}}$	
	-188 Sep 02 j 01:26	0° $\overline{9}$		asc. node	-185 Mar 29 j 06:42	25° $\overline{\text{Y}}$ 59'08	
greatest brilliancy	-188 Sep 08 j 10:04	2° $\overline{9}$ 29'08	-4.6m		-185 Apr 01 j 13:40	0° $\overline{8}$	
asc. node	-188 Oct 11 j 11:24	28° $\overline{9}$ 25'15			-185 Apr 26 j 08:11	0° $\overline{\text{II}}$	
	-188 Oct 13 j 01:30	0° $\overline{\text{m}}$			-185 May 21 j 12:00	0° $\overline{5}$	
morning max el	-188 Oct 14 j 05:32	1° $\overline{\text{m}}$ 10'28	46°41'07		-185 Jun 16 j 05:44	0° $\overline{9}$	
	-188 Nov 09 j 19:13	0° $\overline{1}$			-185 Jul 13 j 00:41	0° $\overline{\text{m}}$	
	-188 Dec 05 j 08:48	0° $\overline{\text{m}}$		desc. node	-185 Jul 18 j 20:29	6° $\overline{\text{m}}$ 15'56	
	-188 Dec 30 j 03:48	0° $\overline{7}$		evening max el	-185 Aug 07 j 09:26	26° $\overline{\text{m}}$ 14'01	46°19'37
	-187 Jan 23 j 16:10	0° $\overline{3}$			-185 Aug 11 j 08:16	0° $\overline{1}$	
desc. node	-187 Jan 31 j 01:31	9° $\overline{3}$ 04'03		greatest brilliancy	-185 Sep 15 j 11:38	25° $\overline{1}$ 09'11	-4.6m
	-187 Feb 17 j 02:41	0° \approx		retrograde	-185 Sep 25 j 23:47	27° $\overline{1}$ 10'01	
	-187 Mar 13 j 13:06	0° $\overline{\text{X}}$		evening set	-185 Oct 11 j 18:54	22° $\overline{1}$ 20'52	
	-187 Apr 07 j 00:00	0° $\overline{\text{Y}}$		inferior conj	-185 Oct 16 j 14:13	19° $\overline{1}$ 30'36	-5°-35'-18
morning set	-187 Apr 19 j 10:13	15° $\overline{\text{Y}}$ 14'07		minimum elong	-185 Oct 17 j 00:37	19° $\overline{1}$ 14'51	5°32'42
	-187 May 01 j 11:13	0° $\overline{8}$		min. Earth dist.	-185 Oct 17 j 04:59	19° $\overline{1}$ 08'14	0.26697 AU
asc. node	-187 May 24 j 04:25	27° $\overline{8}$ 52'12		morning rise	-185 Oct 22 j 06:00	16° $\overline{1}$ 12'03	
max. Earth dist.	-187 May 24 j 14:24	28° $\overline{8}$ 22'49	1.73656 AU	direct	-185 Nov 06 j 04:00	11° $\overline{1}$ 48'49	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-185 Nov 08 j 23:16	11°♌58'20			-182 Apr 16 j 02:45	0°♏	
greatest brilliancy	-185 Nov 19 j 03:40	14°♌58'12	-4.7m	evening rise	-182 Apr 22 j 17:29	8°♏07'17	
	-185 Dec 10 j 19:26	0°♍		asc. node	-182 Apr 25 j 18:40	11°♏51'48	
morning max el	-185 Dec 26 j 22:06	15°♍20'38	46°53'55		-182 May 10 j 13:58	0°♐	
	-184 Jan 09 j 19:39	0°♑			-182 Jun 04 j 03:38	0°♑	
	-184 Feb 05 j 11:02	0°♒			-182 Jun 28 j 20:22	0°♒	
desc. node	-184 Feb 28 j 13:18	27°♒00'52			-182 Jul 23 j 17:54	0°♓	
	-184 Mar 02 j 01:56	0°♓		desc. node	-182 Aug 15 j 08:16	26°♓53'37	
	-184 Mar 27 j 06:34	0°♈			-182 Aug 17 j 23:29	0°♈	
	-184 Apr 21 j 05:54	0°♉			-182 Sep 12 j 19:12	0°♉	
	-184 May 16 j 01:30	0°♊			-182 Oct 09 j 21:08	0°♊	
	-184 Jun 09 j 17:12	0°♋		evening max el	-182 Oct 19 j 15:08	10°♊07'14	47°22'14
asc. node	-184 Jun 20 j 16:18	13°♋24'57			-182 Nov 10 j 06:11	0°♌	
morning set	-184 Jun 25 j 19:03	19°♋41'26		greatest brilliancy	-182 Nov 27 j 03:09	10°♌47'52	-4.7m
	-184 Jul 04 j 04:17	0°♍		asc. node	-182 Dec 06 j 11:13	13°♌29'56	
	-184 Jul 28 j 10:37	0°♎		retrograde	-182 Dec 09 j 12:24	13°♌41'12	
max. Earth dist.	-184 Jul 28 j 06:44	29°♍47'56	1.72675 AU	evening set	-182 Dec 24 j 15:52	9°♌06'20	
				min. Earth dist.	-182 Dec 29 j 06:18	6°♌21'20	0.26868 AU
superior conj	-184 Aug 01 j 04:32	4°♎39'03	1°17'44	inferior conj	-182 Dec 30 j 05:11	5°♌45'47	5°37'18
minimum elong	-184 Jul 31 j 22:02	4°♎18'50	1°17'36	minimum elong	-182 Dec 29 j 19:17	6°♌01'10	5°34'54
	-184 Aug 21 j 13:13	0°♏		morning rise	-181 Jan 03 j 23:14	2°♌53'40	
evening rise	-184 Sep 07 j 06:23	20°♏51'49			-181 Jan 09 j 21:05	30°♌♑	
	-184 Sep 14 j 13:52	0°♐		direct	-181 Jan 19 j 15:11	28°♌03'30	
	-184 Oct 08 j 14:15	0°♑			-181 Jan 29 j 19:53	0°♒	
desc. node	-184 Oct 10 j 06:10	2°♑04'35		greatest brilliancy	-181 Jan 30 j 07:35	0°♒10'53	-4.6m
	-184 Nov 01 j 15:35	0°♑		morning max el	-181 Mar 10 j 04:06	29°♒24'54	46°18'21
	-184 Nov 25 j 19:10	0°♒			-181 Mar 10 j 18:26	0°♓	
	-184 Dec 20 j 03:42	0°♓		desc. node	-181 Mar 28 j 01:09	17°♓44'18	
	-183 Jan 13 j 22:53	0°♈			-181 Apr 08 j 08:58	0°♈	
asc. node	-183 Jan 31 j 08:51	20°♈29'03			-181 May 05 j 00:02	0°♉	
	-183 Feb 08 j 16:04	0°♉			-181 May 30 j 18:28	0°♊	
	-183 Mar 08 j 10:47	0°♊			-181 Jun 24 j 23:56	0°♋	
evening max el	-183 Mar 13 j 17:27	5°♊14'26	45°39'42	asc. node	-181 Jul 19 j 04:06	29°♋14'58	
	-183 Apr 13 j 13:31	0°♋			-181 Jul 19 j 18:52	0°♌	
greatest brilliancy	-183 Apr 16 j 22:14	1°♋44'22	-4.5m		-181 Aug 13 j 04:37	0°♍	
retrograde	-183 May 01 j 11:53	5°♋26'11		morning set	-181 Sep 03 j 19:53	26°♍54'34	
evening set	-183 May 16 j 14:03	1°♋03'07			-181 Sep 06 j 07:13	0°♎	
	-183 May 18 j 10:32	30°♌♏			-181 Sep 30 j 05:22	0°♏	
inferior conj	-183 May 22 j 23:02	27°♌13'29	0°00'-10	max. Earth dist.	-181 Oct 10 j 23:29	13°♏31'37	1.71217 AU
minimum elong	-183 May 22 j 23:02	27°♌13'30	0°00'11				
transit middle	-183 May 22 j 23:02	27°♌13'30	0°00'11	superior conj	-181 Oct 12 j 08:38	15°♏15'52	0°57'13
transit begin	-183 May 22 j 18:58	27°♌19'52		minimum elong	-181 Oct 12 j 19:22	15°♏49'39	0°56'49
transit end	-183 May 23 j 03:05	27°♌07'08			-181 Oct 24 j 01:41	0°♐	
desc. node	-183 May 22 j 22:43	27°♌13'59		desc. node	-181 Nov 07 j 18:09	18°♐28'37	
min. Earth dist.	-183 May 23 j 03:41	27°♌06'12	0.28990 AU		-181 Nov 16 j 22:05	0°♑	
morning rise	-183 May 29 j 07:57	23°♌23'41		evening rise	-181 Nov 22 j 14:22	7°♑08'02	
direct	-183 Jun 13 j 16:16	18°♌54'37			-181 Dec 10 j 19:43	0°♒	
greatest brilliancy	-183 Jun 27 j 11:58	22°♌14'18	-4.5m		-180 Jan 03 j 19:50	0°♓	
	-183 Jul 10 j 12:15	0°♐			-180 Jan 28 j 00:30	0°♈	
morning max el	-183 Aug 01 j 16:29	19°♐00'31	45°58'30		-180 Feb 21 j 13:07	0°♉	
	-183 Aug 12 j 15:53	0°♑		asc. node	-180 Feb 28 j 20:48	8°♉50'27	
	-183 Sep 09 j 00:52	0°♒			-180 Mar 17 j 14:37	0°♊	
asc. node	-183 Sep 13 j 01:43	4°♒38'33			-180 Apr 12 j 13:07	0°♋	
	-183 Oct 04 j 12:48	0°♓			-180 May 10 j 03:47	0°♌	
	-183 Oct 29 j 03:03	0°♈		evening max el	-180 May 23 j 06:39	13°♌04'02	45°20'08
	-183 Nov 22 j 07:01	0°♉			-180 Jun 11 j 21:04	0°♍	
	-183 Dec 16 j 07:16	0°♊		desc. node	-180 Jun 19 j 10:44	5°♍12'32	
desc. node	-182 Jan 02 j 15:42	21°♊41'39		greatest brilliancy	-180 Jun 28 j 12:33	9°♍56'40	-4.5m
	-182 Jan 09 j 07:17	0°♋		retrograde	-180 Jul 10 j 21:24	12°♍38'26	
	-182 Feb 02 j 08:40	0°♌		evening set	-180 Jul 27 j 22:22	7°♍12'34	
morning set	-182 Feb 04 j 13:29	2°♌44'23		inferior conj	-180 Aug 01 j 04:06	4°♍39'33	-8°00'-21
	-182 Feb 26 j 12:07	0°♍		minimum elong	-180 Jul 31 j 20:30	4°♍51'14	7°59'28
				min. Earth dist.	-180 Aug 01 j 13:00	4°♍25'51	0.28417 AU
superior conj	-182 Mar 15 j 22:16	21°♍34'05	-1°-17'-17	morning rise	-180 Aug 04 j 18:21	2°♍28'23	
minimum elong	-182 Mar 16 j 05:58	21°♍57'55	1°17'08		-180 Aug 09 j 05:53	30°♌♑	
max. Earth dist.	-182 Mar 19 j 01:22	25°♍26'06	1.72934 AU	direct	-180 Aug 22 j 13:41	26°♌30'16	
	-182 Mar 22 j 18:06	0°♎			-180 Sep 05 j 14:04	0°♏	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-180 Sep 06 j 02:41	0°Ω14'59	-4.6m	asc. node	-177 Mar 28 j 08:50	25°Υ30'39	
asc. node	-180 Oct 10 j 13:35	27°Ω33'35			-177 Apr 01 j 01:10	0°Ϡ	
morning max el	-180 Oct 11 j 21:00	28°Ω52'23	46°39'50		-177 Apr 25 j 20:07	0°Π	
	-180 Oct 12 j 23:43	0°൬			-177 May 21 j 00:43	0°☿	
	-180 Nov 09 j 11:24	0°♎			-177 Jun 15 j 19:56	0°Ω	
	-180 Dec 04 j 22:49	0°♍			-177 Jul 12 j 18:01	0°൬	
	-180 Dec 29 j 16:45	0°♊		desc. node	-177 Jul 17 j 22:26	5°൬32'19	
	-179 Jan 23 j 04:27	0°♊		evening max el	-177 Aug 04 j 23:13	23°൬53'04	46°16'48
desc. node	-179 Jan 30 j 03:29	8°♊32'54			-177 Aug 11 j 10:56	0°♎	
	-179 Feb 16 j 14:29	0°♋		greatest brilliancy	-177 Sep 13 j 00:49	22°♎43'17	-4.6m
	-179 Mar 13 j 00:31	0°♋		retrograde	-177 Sep 23 j 11:33	24°♎42'21	
	-179 Apr 06 j 11:09	0°Υ		evening set	-177 Oct 09 j 10:28	19°♎49'06	
morning set	-179 Apr 17 j 03:24	13°Υ05'41		inferior conj	-177 Oct 14 j 02:35	17°♎03'01	-5°-53'-37
	-179 Apr 30 j 22:13	0°Ϡ		minimum elong	-177 Oct 14 j 13:11	16°♎46'56	5°51'04
max. Earth dist.	-179 May 22 j 13:28	26°Ϡ32'40	1.73664 AU	min. Earth dist.	-177 Oct 14 j 18:15	16°♎39'14	0.26742 AU
asc. node	-179 May 23 j 06:31	27°Ϡ24'59		morning rise	-177 Oct 19 j 15:32	13°♎47'54	
				direct	-177 Nov 03 j 17:01	9°♎20'42	
superior conj	-179 May 23 j 17:35	27°Ϡ59'01	0°01'07	asc. node	-177 Nov 08 j 01:20	9°♎43'15	
minimum elong	-179 May 23 j 17:21	27°Ϡ58'16	0°01'06	greatest brilliancy	-177 Nov 16 j 17:33	12°♎30'34	-4.7m
behind sun begin	-179 May 22 j 19:04	26°Ϡ49'51			-177 Dec 11 j 03:07	0°♍	
behind sun end	-179 May 24 j 15:38	29°Ϡ06'41		morning max el	-177 Dec 24 j 10:51	12°♍52'24	46°54'26
	-179 May 25 j 09:00	0°Π			-176 Jan 09 j 14:25	0°♊	
	-179 Jun 18 j 18:41	0°☿			-176 Feb 05 j 02:07	0°♊	
evening rise	-179 Jun 28 j 13:01	12°☿01'33		desc. node	-176 Feb 27 j 15:26	26°♊27'12	
	-179 Jul 13 j 03:02	0°Ω			-176 Mar 01 j 15:18	0°♋	
	-179 Aug 06 j 10:51	0°൬			-176 Mar 26 j 18:58	0°♋	
	-179 Aug 30 j 19:35	0°♎			-176 Apr 20 j 17:42	0°Υ	
desc. node	-179 Sep 11 j 20:20	14°♎46'11			-176 May 15 j 12:53	0°Ϡ	
	-179 Sep 24 j 06:51	0°♍			-176 Jun 09 j 04:18	0°Π	
	-179 Oct 18 j 22:39	0°♊		asc. node	-176 Jun 19 j 18:18	12°Π57'16	
	-179 Nov 12 j 23:25	0°♊		morning set	-176 Jun 23 j 13:07	17°Π35'47	
	-179 Dec 08 j 21:20	0°♋			-176 Jul 03 j 15:16	0°☿	
evening max el	-179 Dec 30 j 05:10	22°♋57'25	46°55'24	max. Earth dist.	-176 Jul 25 j 22:54	27°☿35'11	1.72731 AU
asc. node	-178 Jan 02 j 23:03	26°♋42'43			-176 Jul 27 j 21:36	0°Ω	
	-178 Jan 06 j 08:01	0°♋					
greatest brilliancy	-178 Feb 04 j 11:21	22°♋21'12	-4.6m	superior conj	-176 Jul 29 j 22:01	2°Ω30'12	1°16'23
retrograde	-178 Feb 18 j 19:52	26°♋06'30		minimum elong	-176 Jul 29 j 15:04	2°Ω08'38	1°16'15
evening set	-178 Mar 08 j 11:02	20°♋02'52			-176 Aug 21 j 00:19	0°൬	
inferior conj	-178 Mar 12 j 01:08	17°♋48'04	7°58'39	evening rise	-176 Sep 04 j 21:03	18°൬32'43	
minimum elong	-178 Mar 12 j 07:42	17°♋37'39	7°57'57		-176 Sep 14 j 01:09	0°♎	
min. Earth dist.	-178 Mar 11 j 19:37	17°♋56'49	0.28620 AU		-176 Oct 08 j 01:45	0°♍	
morning rise	-178 Mar 16 j 04:38	15°♋13'38		desc. node	-176 Oct 09 j 08:19	1°♍35'25	
direct	-178 Apr 02 j 06:48	9°♋35'50			-176 Nov 01 j 03:19	0°♊	
greatest brilliancy	-178 Apr 14 j 02:13	12°♋06'30	-4.5m		-176 Nov 25 j 07:11	0°♊	
desc. node	-178 Apr 24 j 12:56	17°♋38'14			-176 Dec 19 j 16:11	0°♋	
	-178 May 10 j 16:13	0°Υ			-175 Jan 13 j 12:14	0°♋	
morning max el	-178 May 21 j 04:13	9°Υ35'05	45°46'40	asc. node	-175 Jan 30 j 10:53	19°♋53'16	
	-178 Jun 10 j 08:26	0°Ϡ			-175 Feb 08 j 07:19	0°Υ	
	-178 Jul 07 j 14:11	0°Π			-175 Mar 08 j 07:18	0°Ϡ	
	-178 Aug 02 j 09:59	0°☿		evening max el	-175 Mar 11 j 08:17	2°Ϡ59'59	45°41'32
asc. node	-178 Aug 15 j 15:54	15°☿49'05		greatest brilliancy	-175 Apr 14 j 14:20	29°Ϡ35'12	-4.5m
	-178 Aug 27 j 09:01	0°Ω			-175 Apr 15 j 11:38	0°Π	
	-178 Sep 20 j 18:02	0°൬		retrograde	-175 Apr 29 j 04:00	3°Π17'59	
	-178 Oct 14 j 18:32	0°♎			-175 May 12 j 04:18	30°Ϡ	
	-178 Nov 07 j 15:04	0°♍		evening set	-175 May 14 j 07:30	28°Ϡ53'31	
morning set	-178 Nov 16 j 18:05	11°♍29'34		inferior conj	-175 May 20 j 15:41	25°Ϡ05'04	0°19'22
	-178 Dec 01 j 10:50	0°♊		minimum elong	-175 May 20 j 16:23	25°Ϡ03'57	0°19'09
desc. node	-178 Dec 05 j 05:55	4°♊46'36		min. Earth dist.	-175 May 20 j 20:54	24°Ϡ56'52	0.28996 AU
	-178 Dec 25 j 07:32	0°♊		desc. node	-175 May 22 j 00:48	24°Ϡ13'07	
				morning rise	-175 May 27 j 01:08	21°Ϡ14'06	
superior conj	-178 Dec 28 j 16:31	4°♊14'05	0°-51'-49	direct	-175 Jun 11 j 08:16	16°Ϡ46'01	
minimum elong	-178 Dec 28 j 05:05	3°♊38'14	0°51'23	greatest brilliancy	-175 Jun 25 j 03:31	20°Ϡ04'22	-4.5m
max. Earth dist.	-177 Jan 01 j 06:34	8°♊44'01	1.71356 AU		-175 Jul 11 j 02:21	0°Π	
	-177 Jan 18 j 06:09	0°♋		morning max el	-175 Jul 30 j 07:16	16°Π46'28	45°57'23
evening rise	-177 Feb 07 j 15:54	25°♋27'04			-175 Aug 12 j 10:33	0°☿	
	-177 Feb 11 j 07:43	0°♋			-175 Sep 08 j 15:33	0°Ω	
	-177 Mar 07 j 13:33	0°Υ		asc. node	-175 Sep 12 j 03:57	4°Ω03'28	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-175 Oct 04 j 01:55	0° \mathbb{M}			-172 May 09 j 22:28	0° \mathfrak{G}		
	-175 Oct 28 j 15:24	0° \mathfrak{A}		evening max el	-172 May 20 j 22:32	10° \mathfrak{G} 53'42	45°19'28	
	-175 Nov 21 j 18:55	0° \mathbb{M}			-172 Jun 12 j 13:04	0° \mathcal{O}		
	-175 Dec 15 j 18:52	0° \mathfrak{A}		desc. node	-172 Jun 18 j 12:42	3° \mathcal{O} 53'03		
desc. node	-174 Jan 01 j 17:41	21° \mathfrak{A} 12'08		greatest brilliancy	-172 Jun 25 j 23:36	7° \mathcal{O} 39'47	-4.5m	
	-174 Jan 08 j 18:39	0° \mathfrak{Z}		retrograde	-172 Jul 08 j 12:40	10° \mathcal{O} 25'18		
	-174 Feb 01 j 19:50	0° \approx		evening set	-172 Jul 25 j 09:53	5° \mathcal{O} 03'57		
morning set	-174 Feb 02 j 01:20	0° \approx 17'08		inferior conj	-172 Jul 29 j 19:10	2° \mathcal{O} 25'35	-7°-51'-14	
	-174 Feb 25 j 23:08	0° \mathfrak{H}		minimum elong	-172 Jul 29 j 11:04	2° \mathcal{O} 38'03	7°50'13	
				min. Earth dist.	-172 Jul 30 j 03:04	2° \mathcal{O} 13'26	0.28459 AU	
superior conj	-174 Mar 13 j 13:34	19° \mathfrak{H} 19'18	-1°-18'-40	morning rise	-172 Aug 02 j 12:00	0° \mathcal{O} 10'38		
minimum elong	-174 Mar 13 j 20:47	19° \mathfrak{H} 41'38	1°18'34		-172 Aug 02 j 19:14	30° \mathfrak{R} \mathfrak{G}		
max. Earth dist.	-174 Mar 16 j 18:41	23° \mathfrak{H} 17'35	1.72883 AU	direct	-172 Aug 20 j 05:50	24° \mathfrak{G} 15'44		
	-174 Mar 22 j 05:01	0° \mathcal{Y}		greatest brilliancy	-172 Sep 03 j 18:31	28° \mathfrak{G} 00'32	-4.6m	
	-174 Apr 15 j 13:40	0° \mathfrak{B}			-172 Sep 07 j 12:53	0° \mathcal{O}		
evening rise	-174 Apr 20 j 10:56	6° \mathfrak{B} 00'03		morning max el	-172 Oct 09 j 12:46	26° \mathcal{O} 35'44	46°38'28	
asc. node	-174 Apr 24 j 20:45	11° \mathfrak{B} 24'38		asc. node	-172 Oct 09 j 15:38	26° \mathcal{O} 42'56		
	-174 May 10 j 00:59	0° \mathbb{I}			-172 Oct 12 j 20:58	0° \mathbb{M}		
	-174 Jun 03 j 14:55	0° \mathfrak{G}			-172 Nov 09 j 03:11	0° \mathfrak{A}		
	-174 Jun 28 j 08:06	0° \mathcal{O}			-172 Dec 04 j 12:32	0° \mathbb{M}		
	-174 Jul 23 j 06:23	0° \mathbb{M}			-172 Dec 29 j 05:25	0° \mathfrak{A}		
desc. node	-174 Aug 14 j 10:23	26° \mathbb{M} 20'07			-171 Jan 22 j 16:29	0° \mathfrak{Z}		
	-174 Aug 17 j 13:09	0° \mathfrak{A}		desc. node	-171 Jan 29 j 05:36	8° \mathfrak{Z} 02'54		
	-174 Sep 12 j 10:58	0° \mathbb{M}			-171 Feb 16 j 02:02	0° \approx		
	-174 Oct 09 j 17:36	0° \mathfrak{A}			-171 Mar 12 j 11:43	0° \mathfrak{H}		
evening max el	-174 Oct 17 j 04:03	7° \mathfrak{A} 39'49	47°21'18		-171 Apr 05 j 22:03	0° \mathcal{Y}		
	-174 Nov 10 j 23:53	0° \mathfrak{Z}		morning set	-171 Apr 14 j 20:53	10° \mathcal{Y} 58'52		
greatest brilliancy	-174 Nov 24 j 18:40	8° \mathfrak{Z} 22'08	-4.7m		-171 Apr 30 j 08:56	0° \mathfrak{B}		
asc. node	-174 Dec 05 j 13:15	11° \mathfrak{Z} 10'38		max. Earth dist.	-171 May 20 j 13:48	24° \mathfrak{B} 47'18	1.73665 AU	
retrograde	-174 Dec 07 j 01:40	11° \mathfrak{Z} 13'27						
evening set	-174 Dec 22 j 02:16	6° \mathfrak{Z} 42'42		superior conj	-171 May 21 j 12:09	25° \mathfrak{B} 55'57	0°-2'-1	
min. Earth dist.	-174 Dec 26 j 20:11	3° \mathfrak{Z} 53'18	0.26810 AU	minimum elong	-171 May 21 j 12:34	25° \mathfrak{B} 57'12	0°02'01	
inferior conj	-174 Dec 27 j 18:14	3° \mathfrak{Z} 19'09	5°19'07	behind sun begin	-171 May 20 j 14:19	24° \mathfrak{B} 48'53		
minimum elong	-174 Dec 27 j 08:31	3° \mathfrak{Z} 34'13	5°16'39	behind sun end	-171 May 22 j 10:49	27° \mathfrak{B} 05'31		
morning rise	-173 Jan 01 j 15:15	0° \mathfrak{Z} 23'09		asc. node	-171 May 22 j 08:32	26° \mathfrak{B} 58'31		
	-173 Jan 02 j 07:49	30° \mathfrak{R} \mathfrak{A}			-171 May 24 j 19:39	0° \mathbb{I}		
direct	-173 Jan 17 j 03:06	25° \mathfrak{A} 37'30			-171 Jun 18 j 05:22	0° \mathfrak{G}		
greatest brilliancy	-173 Jan 27 j 22:02	27° \mathfrak{A} 47'17	-4.6m	evening rise	-171 Jun 26 j 08:24	10° \mathfrak{G} 00'21		
	-173 Feb 01 j 19:40	0° \mathfrak{Z}			-171 Jul 12 j 13:54	0° \mathcal{O}		
morning max el	-173 Mar 07 j 17:42	27° \mathfrak{Z} 03'56	46°20'05		-171 Aug 05 j 22:00	0° \mathbb{M}		
	-173 Mar 10 j 17:00	0° \approx			-171 Aug 30 j 07:10	0° \mathfrak{A}		
desc. node	-173 Mar 27 j 03:19	17° \approx 02'27		desc. node	-171 Sep 10 j 22:28	14° \mathfrak{A} 16'26		
	-173 Apr 08 j 00:58	0° \mathfrak{H}			-171 Sep 23 j 19:00	0° \mathbb{M}		
	-173 May 04 j 13:33	0° \mathcal{Y}			-171 Oct 18 j 11:37	0° \mathfrak{A}		
	-173 May 30 j 06:44	0° \mathfrak{B}			-171 Nov 12 j 13:40	0° \mathfrak{Z}		
	-173 Jun 24 j 11:31	0° \mathbb{I}			-171 Dec 08 j 14:14	0° \approx		
asc. node	-173 Jul 18 j 06:08	28° \mathbb{I} 46'57		evening max el	-171 Dec 27 j 21:21	20° \approx 41'30	46°57'43	
	-173 Jul 19 j 06:05	0° \mathfrak{G}		asc. node	-170 Jan 02 j 01:07	25° \approx 50'20		
	-173 Aug 12 j 15:40	0° \mathcal{O}			-170 Jan 06 j 09:19	0° \mathfrak{H}		
morning set	-173 Sep 01 j 11:09	24° \mathcal{O} 38'05		greatest brilliancy	-170 Feb 02 j 05:11	20° \mathfrak{H} 09'02	-4.6m	
	-173 Sep 05 j 18:12	0° \mathbb{M}		retrograde	-170 Feb 16 j 12:24	23° \mathfrak{H} 52'17		
	-173 Sep 29 j 16:21	0° \mathfrak{A}		evening set	-170 Mar 06 j 04:54	17° \mathfrak{H} 45'55		
max. Earth dist.	-173 Oct 08 j 10:53	11° \mathfrak{A} 01'48	1.71252 AU	inferior conj	-170 Mar 09 j 16:54	15° \mathfrak{H} 34'06	8°06'06	
				minimum elong	-170 Mar 09 j 22:54	15° \mathfrak{H} 24'35	8°05'32	
superior conj	-173 Oct 09 j 20:48	12° \mathfrak{A} 48'27	0°59'56	min. Earth dist.	-170 Mar 09 j 10:03	15° \mathfrak{H} 44'58	0.28578 AU	
minimum elong	-173 Oct 10 j 07:31	13° \mathfrak{A} 22'10	0°59'33	morning rise	-170 Mar 13 j 17:13	13° \mathfrak{H} 04'26		
	-173 Oct 23 j 12:45	0° \mathbb{M}		direct	-170 Mar 30 j 22:32	7° \mathfrak{H} 22'52		
desc. node	-173 Nov 06 j 20:10	17° \mathbb{M} 59'55		greatest brilliancy	-170 Apr 11 j 14:01	9° \mathfrak{H} 50'04	-4.5m	
	-173 Nov 16 j 09:15	0° \mathfrak{A}		desc. node	-170 Apr 23 j 14:56	16° \mathfrak{H} 22'49		
evening rise	-173 Nov 20 j 00:02	4° \mathfrak{A} 32'35			-170 May 10 j 19:34	0° \mathcal{Y}		
	-173 Dec 10 j 07:00	0° \mathfrak{Z}		morning max el	-170 May 18 j 20:06	7° \mathcal{Y} 24'59	45°47'10	
	-172 Jan 03 j 07:14	0° \approx			-170 Jun 10 j 01:13	0° \mathfrak{B}		
	-172 Jan 27 j 12:05	0° \mathfrak{H}			-170 Jul 07 j 03:51	0° \mathbb{I}		
	-172 Feb 21 j 01:03	0° \mathcal{Y}			-170 Aug 01 j 22:16	0° \mathfrak{G}		
asc. node	-172 Feb 27 j 23:00	8° \mathcal{Y} 20'39		asc. node	-170 Aug 14 j 18:08	15° \mathfrak{G} 20'09		
	-172 Mar 17 j 03:20	0° \mathfrak{B}			-170 Aug 26 j 20:36	0° \mathcal{O}		
	-172 Apr 12 j 03:32	0° \mathbb{I}			-170 Sep 20 j 05:18	0° \mathbb{M}		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-170 Oct 14 j 05:39	0°♌			-167 May 04 j 12:36	30°♊	
	-170 Nov 07 j 02:09	0°♍		evening set	-167 May 12 j 00:55	26°♊43'52	
morning set	-170 Nov 14 j 04:39	8°♍56'55		inferior conj	-167 May 18 j 08:10	22°♊56'56	0°38'54
	-170 Nov 30 j 21:52	0°♎		minimum elong	-167 May 18 j 09:35	22°♊54'42	0°38'30
desc. node	-170 Dec 04 j 07:56	4°♎18'15		min. Earth dist.	-167 May 18 j 13:53	22°♊47'57	0.29000 AU
	-170 Dec 24 j 18:31	0°♏		desc. node	-167 May 21 j 02:49	21°♊13'01	
				morning rise	-167 May 24 j 18:03	19°♊05'12	
superior conj	-170 Dec 26 j 01:55	1°♏38'35	0°-48'-34	direct	-167 Jun 08 j 23:59	14°♊37'31	
minimum elong	-170 Dec 25 j 14:51	1°♏03'50	0°48'08	greatest brilliancy	-167 Jun 22 j 19:45	17°♊55'53	-4.5m
max. Earth dist.	-170 Dec 29 j 16:10	6°♏09'10	1.71315 AU		-167 Jul 11 j 12:33	0°♋	
	-169 Jan 17 j 17:05	0°♌		morning max el	-167 Jul 27 j 22:54	14°♋35'23	45°56'31
evening rise	-169 Feb 05 j 03:34	23°♌00'04			-167 Aug 12 j 04:26	0°♌	
	-169 Feb 10 j 18:39	0°♍			-167 Sep 08 j 05:43	0°♍	
	-169 Mar 07 j 00:34	0°♎		asc. node	-167 Sep 11 j 05:56	3°♍28'55	
asc. node	-169 Mar 27 j 10:56	25°♎02'58			-167 Oct 03 j 14:35	0°♎	
	-169 Mar 31 j 12:23	0°♏			-167 Oct 28 j 03:20	0°♏	
	-169 Apr 25 j 07:44	0°♐			-167 Nov 21 j 06:27	0°♐	
	-169 May 20 j 13:06	0°♑			-167 Dec 15 j 06:10	0°♑	
	-169 Jun 15 j 09:49	0°♒		desc. node	-167 Dec 31 j 19:50	20°♑43'52	
	-169 Jul 12 j 11:11	0°♓			-166 Jan 08 j 05:47	0°♒	
desc. node	-169 Jul 17 j 00:35	4°♓50'15		morning set	-166 Jan 30 j 12:31	27°♒48'14	
evening max el	-169 Aug 02 j 12:07	21°♓31'41	46°13'58		-166 Feb 01 j 06:49	0°♓	
	-169 Aug 11 j 14:30	0°♈			-166 Feb 25 j 10:00	0°♈	
greatest brilliancy	-169 Sep 10 j 14:15	20°♈19'26	-4.6m				
retrograde	-169 Sep 20 j 22:59	22°♈16'40		superior conj	-166 Mar 11 j 04:12	17°♈02'47	-1°-19'-58
evening set	-169 Oct 07 j 02:09	17°♈18'57		minimum elong	-166 Mar 11 j 10:51	17°♈23'24	1°19'52
inferior conj	-169 Oct 11 j 15:08	14°♈37'14	-6°-10'-58	max. Earth dist.	-166 Mar 14 j 09:06	21°♈00'33	1.72831 AU
minimum elong	-169 Oct 12 j 01:48	14°♈20'59	6°08'32		-166 Mar 21 j 15:46	0°♉	
min. Earth dist.	-169 Oct 12 j 07:53	14°♈11'44	0.26797 AU		-166 Apr 15 j 00:24	0°♉	
morning rise	-169 Oct 17 j 01:03	11°♈25'46		evening rise	-166 Apr 18 j 03:51	3°♉51'37	
direct	-169 Nov 01 j 05:45	6°♈53'56		asc. node	-166 Apr 23 j 22:44	10°♉57'39	
asc. node	-169 Nov 07 j 03:23	7°♈34'50			-166 May 09 j 11:50	0°♊	
greatest brilliancy	-169 Nov 14 j 08:42	10°♈05'38	-4.7m		-166 Jun 03 j 02:03	0°♊	
	-169 Dec 11 j 08:16	0°♋			-166 Jun 27 j 19:43	0°♋	
morning max el	-169 Dec 21 j 23:20	10°♋23'59	46°54'49		-166 Jul 22 j 18:44	0°♌	
	-168 Jan 09 j 08:30	0°♎		desc. node	-166 Aug 13 j 12:32	25°♌47'11	
	-168 Feb 04 j 16:48	0°♏			-166 Aug 17 j 02:41	0°♍	
desc. node	-168 Feb 26 j 17:36	25°♏54'35			-166 Sep 12 j 02:39	0°♎	
	-168 Mar 01 j 04:19	0°♌			-166 Oct 09 j 14:18	0°♏	
	-168 Mar 26 j 07:01	0°♍		evening max el	-166 Oct 14 j 17:49	5°♏15'56	47°20'26
	-168 Apr 20 j 05:08	0°♎			-166 Nov 11 j 22:58	0°♐	
	-168 May 14 j 23:54	0°♏		greatest brilliancy	-166 Nov 22 j 08:55	5°♐56'00	-4.7m
	-168 Jun 08 j 15:04	0°♐		retrograde	-166 Dec 04 j 15:18	8°♐46'43	
asc. node	-168 Jun 18 j 20:24	12°♐30'54		asc. node	-166 Dec 04 j 15:18	8°♐46'43	
morning set	-168 Jun 21 j 07:23	15°♐31'46		evening set	-166 Dec 19 j 12:53	4°♑19'30	
	-168 Jul 03 j 01:53	0°♑		min. Earth dist.	-166 Dec 24 j 09:47	1°♑26'23	0.26760 AU
max. Earth dist.	-168 Jul 23 j 16:52	25°♑29'11	1.72782 AU	inferior conj	-166 Dec 25 j 07:16	0°♑53'12	5°00'14
	-168 Jul 27 j 08:13	0°♒		minimum elong	-166 Dec 24 j 21:50	1°♑07'47	4°57'44
					-166 Dec 26 j 17:48	30°♒♎	
superior conj	-168 Jul 27 j 15:54	0°♒23'49	1°14'58	morning rise	-166 Dec 30 j 07:17	27°♒53'30	
minimum elong	-168 Jul 27 j 08:35	0°♒01'06	1°14'49	direct	-165 Jan 14 j 15:42	23°♒12'04	
	-168 Aug 20 j 11:02	0°♓		greatest brilliancy	-165 Jan 25 j 12:05	25°♒23'46	-4.6m
evening rise	-168 Sep 02 j 12:19	16°♓16'56			-165 Feb 03 j 14:22	0°♓	
	-168 Sep 13 j 12:02	0°♈		morning max el	-165 Mar 05 j 08:16	24°♓45'33	46°21'32
	-168 Oct 07 j 12:52	0°♉			-165 Mar 10 j 14:36	0°♔	
desc. node	-168 Oct 08 j 10:20	1°♉06'58		desc. node	-165 Mar 26 j 05:17	16°♔20'36	
	-168 Oct 31 j 14:43	0°♊			-165 Apr 07 j 16:42	0°♕	
	-168 Nov 24 j 18:59	0°♋			-165 May 04 j 02:56	0°♎	
	-168 Dec 19 j 04:32	0°♌			-165 May 29 j 18:54	0°♏	
	-167 Jan 13 j 01:31	0°♍		asc. node	-165 Jun 23 j 23:01	0°♐	
asc. node	-167 Jan 29 j 13:05	19°♍18'12			-165 Jul 17 j 08:18	28°♐19'33	
	-167 Feb 07 j 22:36	0°♎			-165 Jul 18 j 17:12	0°♑	
	-167 Mar 08 j 04:20	0°♏			-165 Aug 12 j 02:36	0°♒	
evening max el	-167 Mar 08 j 22:35	0°♏44'43	45°43'39	morning set	-165 Aug 30 j 02:26	22°♒22'06	
greatest brilliancy	-167 Apr 12 j 05:21	27°♏25'04	-4.5m		-165 Sep 05 j 05:05	0°♓	
	-167 Apr 18 j 21:41	0°♐			-165 Sep 29 j 03:15	0°♈	
retrograde	-167 Apr 26 j 20:15	1°♐10'14		max. Earth dist.	-165 Oct 05 j 21:02	8°♈28'25	1.71280 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-165 Oct 07 j 09:18	10°♄22'28	1°02'30	min. Earth dist.	-162 Mar 07 j 00:52	13°♋32'54	0.28534 AU
minimum elong	-165 Oct 07 j 19:56	10°♄55'53	1°02'09	morning rise	-162 Mar 11 j 05:59	10°♋55'06	
	-165 Oct 22 j 23:42	0°♌		direct	-162 Mar 28 j 14:04	5°♋10'04	
desc. node	-165 Nov 05 j 22:12	17°♌31'45		greatest brilliancy	-162 Apr 09 j 02:06	7°♋33'49	-4.5m
	-165 Nov 15 j 20:17	0°♍		desc. node	-162 Apr 22 j 17:01	15°♋09'40	
evening rise	-165 Nov 17 j 10:05	1°♍58'45			-162 May 10 j 21:30	0°♎	
	-165 Dec 09 j 18:08	0°♏		morning max el	-162 May 16 j 11:10	5°♎12'22	45°47'29
	-164 Jan 02 j 18:29	0°♐			-162 Jun 09 j 17:53	0°♏	
	-164 Jan 26 j 23:33	0°♑			-162 Jul 06 j 17:39	0°♐	
	-164 Feb 20 j 12:59	0°♒			-162 Aug 01 j 10:45	0°♑	
asc. node	-164 Feb 27 j 00:59	7°♒50'13		asc. node	-162 Aug 13 j 20:09	14°♑49'48	
	-164 Mar 16 j 16:08	0°♓			-162 Aug 26 j 08:24	0°♒	
	-164 Apr 11 j 18:11	0°♐			-162 Sep 19 j 16:46	0°♓	
	-164 May 09 j 17:49	0°♑			-162 Oct 13 j 16:58	0°♓	
evening max el	-164 May 18 j 14:46	8°♑43'50	45°18'53		-162 Nov 06 j 13:24	0°♌	
	-164 Jun 13 j 10:55	0°♒		morning set	-162 Nov 11 j 15:08	6°♌23'24	
desc. node	-164 Jun 17 j 14:50	2°♒30'51			-162 Nov 30 j 09:05	0°♍	
greatest brilliancy	-164 Jun 23 j 11:40	5°♒23'46	-4.5m	desc. node	-162 Dec 03 j 10:03	3°♍49'36	
retrograde	-164 Jul 06 j 03:32	8°♒11'36					
evening set	-164 Jul 22 j 21:20	2°♒55'04		superior conj	-162 Dec 23 j 11:23	29°♍02'32	0°-45'-13
inferior conj	-164 Jul 27 j 10:08	0°♒11'16	-7°-41'-33	minimum elong	-162 Dec 23 j 00:45	28°♍29'10	0°44'47
minimum elong	-164 Jul 27 j 01:34	0°♒24'28	7°40'22		-162 Dec 24 j 05:41	0°♏	
min. Earth dist.	-164 Jul 27 j 17:07	0°♒00'30	0.28496 AU	max. Earth dist.	-162 Dec 26 j 22:48	3°♏24'20	1.71272 AU
	-164 Jul 27 j 17:27	30°♐			-161 Jan 17 j 04:13	0°♐	
morning rise	-164 Jul 31 j 05:37	27°♑52'16		evening rise	-161 Feb 02 j 15:17	20°♐32'28	
direct	-164 Aug 17 j 21:56	22°♑01'02			-161 Feb 10 j 05:45	0°♑	
greatest brilliancy	-164 Sep 01 j 09:07	25°♑44'17	-4.6m		-161 Mar 06 j 11:45	0°♒	
	-164 Sep 08 j 20:34	0°♒		asc. node	-161 Mar 26 j 12:56	24°♒34'32	
morning max el	-164 Oct 07 j 03:49	24°♒17'16	46°37'05		-161 Mar 30 j 23:46	0°♓	
asc. node	-164 Oct 08 j 17:39	25°♒52'56			-161 Apr 24 j 19:34	0°♐	
	-164 Oct 12 j 17:32	0°♓			-161 May 20 j 01:48	0°♑	
	-164 Nov 08 j 18:43	0°♓			-161 Jun 15 j 00:12	0°♒	
	-164 Dec 04 j 02:07	0°♌			-161 Jul 12 j 05:09	0°♓	
	-164 Dec 28 j 17:59	0°♍		desc. node	-161 Jul 16 j 02:41	4°♓06'17	
	-163 Jan 22 j 04:24	0°♏		evening max el	-161 Jul 31 j 00:13	19°♓07'16	46°11'09
desc. node	-163 Jan 28 j 07:44	7°♏33'14			-161 Aug 11 j 20:31	0°♓	
	-163 Feb 15 j 13:30	0°♐		greatest brilliancy	-161 Sep 08 j 03:23	17°♓54'03	-4.6m
	-163 Mar 11 j 22:51	0°♑		retrograde	-161 Sep 18 j 10:19	19°♓50'03	
	-163 Apr 05 j 08:59	0°♒		evening set	-161 Oct 04 j 17:45	14°♓47'26	
morning set	-163 Apr 12 j 14:07	8°♒51'08		inferior conj	-161 Oct 09 j 03:36	12°♓10'23	-6°-27'-36
	-163 Apr 29 j 19:45	0°♓		minimum elong	-161 Oct 09 j 14:17	11°♓54'08	6°25'16
max. Earth dist.	-163 May 18 j 12:35	22°♓56'50	1.73666 AU	min. Earth dist.	-161 Oct 09 j 21:33	11°♓43'05	0.26853 AU
				morning rise	-161 Oct 14 j 10:21	9°♓03'02	
superior conj	-163 May 19 j 06:21	23°♓51'23	0°-5'-10	direct	-161 Oct 29 j 18:18	4°♓25'51	
minimum elong	-163 May 19 j 07:24	23°♓54'36	0°05'08	asc. node	-161 Nov 06 j 05:30	5°♓30'31	
behind sun begin	-163 May 18 j 10:01	22°♓48'56		greatest brilliancy	-161 Nov 12 j 00:40	7°♓40'49	-4.7m
behind sun end	-163 May 20 j 04:47	25°♓00'16			-161 Dec 11 j 12:01	0°♌	
asc. node	-163 May 21 j 10:40	26°♓31'59		morning max el	-161 Dec 19 j 12:02	7°♌55'05	46°55'16
	-163 May 24 j 06:25	0°♐			-160 Jan 09 j 02:28	0°♍	
	-163 Jun 17 j 16:12	0°♑			-160 Feb 04 j 07:34	0°♏	
evening rise	-163 Jun 24 j 03:18	7°♑57'17		desc. node	-160 Feb 25 j 19:30	25°♏20'32	
	-163 Jul 12 j 00:53	0°♒			-160 Feb 29 j 17:31	0°♐	
	-163 Aug 05 j 09:17	0°♓			-160 Mar 25 j 19:16	0°♑	
	-163 Aug 29 j 18:54	0°♓			-160 Apr 19 j 16:46	0°♒	
desc. node	-163 Sep 10 j 00:25	13°♓45'41			-160 May 14 j 11:08	0°♓	
	-163 Sep 23 j 07:21	0°♌			-160 Jun 08 j 02:04	0°♐	
	-163 Oct 18 j 00:47	0°♍		asc. node	-160 Jun 17 j 22:32	12°♐03'48	
	-163 Nov 12 j 04:11	0°♏		morning set	-160 Jun 19 j 01:44	13°♐27'13	
	-163 Dec 08 j 07:33	0°♐			-160 Jul 02 j 12:49	0°♑	
evening max el	-163 Dec 25 j 13:07	18°♐24'13	47°00'03	max. Earth dist.	-160 Jul 21 j 12:24	23°♑27'04	1.72839 AU
asc. node	-162 Jan 01 j 03:19	24°♐57'09					
	-162 Jan 06 j 12:01	0°♑		superior conj	-160 Jul 25 j 09:43	28°♑16'14	1°13'26
greatest brilliancy	-162 Jan 30 j 23:33	17°♑57'31	-4.6m	minimum elong	-160 Jul 25 j 02:03	27°♑52'27	1°13'15
retrograde	-162 Feb 14 j 04:35	21°♑38'03			-160 Jul 26 j 19:11	0°♒	
evening set	-162 Mar 03 j 22:41	15°♑29'27			-160 Aug 19 j 22:08	0°♓	
inferior conj	-162 Mar 07 j 08:48	13°♑20'18	8°12'51	evening rise	-160 Aug 31 j 03:30	13°♓59'44	
minimum elong	-162 Mar 07 j 14:11	13°♑11'44	8°12'23		-160 Sep 12 j 23:19	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-160 Oct 07 j 00:23	0°♌				-157 Apr 07 j 08:27	0°♎		
desc. node	-160 Oct 07 j 12:23	0°♌37'24				-157 May 03 j 16:27	0°♍		
	-160 Oct 31 j 02:31	0°♏				-157 May 29 j 07:14	0°♎		
	-160 Nov 24 j 07:08	0°♐				-157 Jun 23 j 10:40	0°♑		
	-160 Dec 18 j 17:15	0°♒			asc. node	-157 Jul 16 j 10:19	27°♑51'15		
	-159 Jan 12 j 15:14	0°♈				-157 Jul 18 j 04:29	0°♓		
asc. node	-159 Jan 28 j 15:03	18°♈41'19				-157 Aug 11 j 13:42	0°♑		
	-159 Feb 07 j 14:25	0°♍			morning set	-157 Aug 27 j 18:12	20°♑07'10		
evening max el	-159 Mar 06 j 13:31	28°♍30'13	45°45'58			-157 Sep 04 j 16:08	0°♎		
	-159 Mar 08 j 02:28	0°♎				-157 Sep 28 j 14:21	0°♎		
greatest brilliancy	-159 Apr 09 j 20:08	25°♎14'18	-4.5m		max. Earth dist.	-157 Oct 03 j 05:21	5°♎48'40	1.71320 AU	
retrograde	-159 Apr 24 j 13:11	29°♎02'31							
evening set	-159 May 09 j 18:43	24°♎33'58			superior conj	-157 Oct 04 j 22:07	7°♎56'49	1°04'57	
inferior conj	-159 May 16 j 00:52	20°♎48'40	0°58'19		minimum elong	-157 Oct 05 j 08:33	8°♎29'37	1°04'37	
minimum elong	-159 May 16 j 02:59	20°♎45'21	0°57'42			-157 Oct 22 j 10:55	0°♌		
min. Earth dist.	-159 May 16 j 06:44	20°♎39'28	0.29004 AU		desc. node	-157 Nov 05 j 00:22	17°♌03'02		
desc. node	-159 May 20 j 04:56	18°♎14'22			evening rise	-157 Nov 14 j 19:50	29°♌22'58		
morning rise	-159 May 22 j 11:05	16°♎56'38				-157 Nov 15 j 07:38	0°♏		
direct	-159 Jun 06 j 16:16	12°♎28'58				-157 Dec 09 j 05:35	0°♐		
greatest brilliancy	-159 Jun 20 j 12:11	15°♎47'36	-4.5m			-156 Jan 02 j 06:04	0°♒		
	-159 Jul 11 j 20:11	0°♑				-156 Jan 26 j 11:20	0°♈		
morning max el	-159 Jul 25 j 15:24	12°♑25'59	45°55'25			-156 Feb 20 j 01:12	0°♍		
	-159 Aug 11 j 22:11	0°♓			asc. node	-156 Feb 26 j 03:02	7°♍19'08		
	-159 Sep 07 j 20:07	0°♑				-156 Mar 16 j 05:16	0°♎		
asc. node	-159 Sep 10 j 07:58	2°♑53'39				-156 Apr 11 j 09:13	0°♑		
	-159 Oct 03 j 03:36	0°♎				-156 May 09 j 13:54	0°♓		
	-159 Oct 27 j 15:39	0°♎			evening max el	-156 May 16 j 06:52	6°♓33'22	45°18'26	
	-159 Nov 20 j 18:22	0°♌				-156 Jun 14 j 16:59	0°♑		
	-159 Dec 14 j 17:48	0°♏			desc. node	-156 Jun 16 j 16:57	1°♑06'01		
desc. node	-159 Dec 30 j 21:54	20°♏14'21			greatest brilliancy	-156 Jun 21 j 01:15	3°♑09'51	-4.5m	
	-158 Jan 07 j 17:13	0°♐			retrograde	-156 Jul 03 j 18:20	5°♑58'47		
morning set	-158 Jan 27 j 23:31	25°♐17'41			evening set	-156 Jul 20 j 09:14	0°♑47'12		
	-158 Jan 31 j 18:06	0°♒				-156 Jul 21 j 17:33	30°♊♓		
	-158 Feb 24 j 21:09	0°♈			inferior conj	-156 Jul 25 j 01:29	27°♓58'05	-7°-31'-13	
superior conj	-158 Mar 08 j 18:46	14°♈45'03	-1°-21'-7		minimum elong	-156 Jul 24 j 16:33	28°♓11'54	7°29'54	
minimum elong	-158 Mar 09 j 00:48	15°♈03'45	1°21'03		min. Earth dist.	-156 Jul 25 j 07:51	27°♓48'15	0.28528 AU	
max. Earth dist.	-158 Mar 11 j 23:39	18°♈42'55	1.72779 AU		morning rise	-156 Jul 28 j 23:38	25°♓34'50		
	-158 Mar 21 j 02:50	0°♍			direct	-156 Aug 15 j 13:58	19°♓47'34		
	-158 Apr 14 j 11:26	0°♎			greatest brilliancy	-156 Aug 29 j 23:22	23°♓28'15	-4.6m	
evening rise	-158 Apr 15 j 20:54	1°♎42'45			morning max el	-156 Sep 09 j 19:06	0°♑		
asc. node	-158 Apr 23 j 00:54	10°♎30'23			asc. node	-156 Oct 04 j 17:58	21°♑56'49	46°35'33	
	-158 May 08 j 22:57	0°♑				-156 Oct 07 j 19:50	25°♑04'19		
	-158 Jun 02 j 13:26	0°♓				-156 Oct 12 j 13:26	0°♎		
	-158 Jun 27 j 07:34	0°♑				-156 Nov 08 j 10:07	0°♎		
	-158 Jul 22 j 07:23	0°♎				-156 Dec 03 j 15:45	0°♌		
desc. node	-158 Aug 12 j 14:27	25°♎12'35				-156 Dec 28 j 06:42	0°♏		
	-158 Aug 16 j 16:39	0°♎			desc. node	-155 Jan 21 j 16:32	0°♐		
	-158 Sep 11 j 19:01	0°♌				-155 Jan 27 j 09:41	7°♐02'18		
	-158 Oct 09 j 12:21	0°♏				-155 Feb 15 j 01:10	0°♒		
evening max el	-158 Oct 12 j 08:28	2°♏52'49	47°19'13			-155 Mar 11 j 10:10	0°♈		
	-158 Nov 13 j 08:20	0°♐			morning set	-155 Apr 04 j 20:03	0°♍		
greatest brilliancy	-158 Nov 19 j 22:50	3°♐27'25	-4.7m			-155 Apr 10 j 07:05	6°♍42'09		
retrograde	-158 Dec 02 j 04:57	6°♐17'23			max. Earth dist.	-155 Apr 29 j 06:39	0°♎		
asc. node	-158 Dec 03 j 17:27	6°♐14'29				-155 May 16 j 10:24	21°♎03'12	1.73662 AU	
evening set	-158 Dec 16 j 23:22	1°♐53'43			superior conj	-155 May 17 j 00:32	21°♎46'35	0°-8'-18	
	-158 Dec 20 j 05:43	30°♊♏			minimum elong	-155 May 17 j 02:14	21°♎51'47	0°08'14	
min. Earth dist.	-158 Dec 21 j 22:54	28°♏57'06	0.26708 AU		behind sun begin	-155 May 16 j 06:50	20°♎52'15		
inferior conj	-158 Dec 22 j 19:55	28°♏24'45	4°40'24		behind sun end	-155 May 17 j 21:37	22°♎51'18		
minimum elong	-158 Dec 22 j 10:51	28°♏38'43	4°37'57		asc. node	-155 May 20 j 12:45	26°♎05'04		
morning rise	-158 Dec 27 j 22:53	25°♏21'29				-155 May 23 j 17:16	0°♑		
direct	-157 Jan 12 j 04:27	20°♏44'28				-155 Jun 17 j 03:06	0°♓		
greatest brilliancy	-157 Jan 23 j 00:58	22°♏57'04	-4.6m		evening rise	-155 Jun 21 j 22:25	5°♓54'46		
	-157 Feb 04 j 20:36	0°♐				-155 Jul 11 j 11:56	0°♑		
morning max el	-157 Mar 02 j 22:50	22°♐26'01	46°23'04			-155 Aug 04 j 20:37	0°♎		
	-157 Mar 10 j 11:49	0°♒				-155 Aug 29 j 06:39	0°♎		
desc. node	-157 Mar 25 j 07:24	15°♒38'50			desc. node	-155 Sep 09 j 02:33	13°♎15'38		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-155 Sep 22 j 19:41	0°♍				-152 Jun 07 j 12:52	0°♊		
	-155 Oct 17 j 14:00	0°♊		morning set		-152 Jun 16 j 19:53	11°♊22'42		
	-155 Nov 11 j 18:51	0°♊		asc. node		-152 Jun 17 j 00:31	11°♊36'56		
	-155 Dec 08 j 01:20	0°♊				-152 Jul 01 j 23:29	0°♊		
evening max el	-155 Dec 23 j 03:56	16°♊03'50	47°02'00	max. Earth dist.		-152 Jul 19 j 09:23	21°♊30'18	1.72890 AU	
asc. node	-155 Dec 31 j 05:16	24°♊01'40							
	-154 Jan 06 j 16:43	0°♋		superior conj		-152 Jul 23 j 03:25	26°♊09'11	1°11'47	
greatest brilliancy	-154 Jan 28 j 17:57	15°♋44'38	-4.6m	minimum elong		-152 Jul 22 j 19:27	25°♊44'28	1°11'36	
retrograde	-154 Feb 11 j 20:06	19°♋22'18				-152 Jul 26 j 05:53	0°♋		
evening set	-154 Mar 01 j 16:00	13°♋11'53				-152 Aug 19 j 08:57	0°♋		
min. Earth dist.	-154 Mar 04 j 15:49	11°♋18'57	0.28488 AU	evening rise		-152 Aug 28 j 18:55	11°♋44'14		
inferior conj	-154 Mar 05 j 00:27	11°♋05'12	8°18'48			-152 Sep 12 j 10:20	0°♋		
minimum elong	-154 Mar 05 j 05:11	10°♋57'39	8°18'27			-152 Oct 06 j 11:37	0°♋		
morning rise	-154 Mar 08 j 18:39	8°♋44'16		desc. node		-152 Oct 06 j 14:31	0°♋09'05		
direct	-154 Mar 26 j 04:51	2°♋55'55				-152 Oct 30 j 14:01	0°♋		
greatest brilliancy	-154 Apr 06 j 15:02	5°♋17'26	-4.5m			-152 Nov 23 j 19:00	0°♋		
desc. node	-154 Apr 21 j 19:09	13°♋58'02				-152 Dec 18 j 05:39	0°♋		
	-154 May 10 j 22:17	0°♌				-151 Jan 12 j 04:38	0°♋		
morning max el	-154 May 14 j 01:23	2°♌57'20	45°48'03	asc. node		-151 Jan 27 j 17:07	18°♋05'35		
	-154 Jun 09 j 10:15	0°♌				-151 Feb 07 j 06:04	0°♌		
	-154 Jul 06 j 07:15	0°♌		evening max el		-151 Mar 04 j 05:09	26°♌18'20	45°48'08	
	-154 Jul 31 j 23:04	0°♌				-151 Mar 08 j 01:07	0°♌		
asc. node	-154 Aug 12 j 22:07	14°♌19'43		greatest brilliancy		-151 Apr 07 j 11:17	23°♌04'32	-4.5m	
	-154 Aug 25 j 20:04	0°♌		retrograde		-151 Apr 22 j 06:17	26°♌54'53		
	-154 Sep 19 j 04:05	0°♌		evening set		-151 May 07 j 12:30	22°♌24'06		
	-154 Oct 13 j 04:08	0°♌		inferior conj		-151 May 13 j 17:23	18°♌40'26	1°17'47	
	-154 Nov 06 j 00:29	0°♌		minimum elong		-151 May 13 j 20:12	18°♌36'01	1°16'58	
morning set	-154 Nov 09 j 02:19	3°♌52'31		min. Earth dist.		-151 May 13 j 23:08	18°♌31'25	0.29009 AU	
	-154 Nov 29 j 20:08	0°♌		desc. node		-151 May 19 j 06:58	15°♌17'32		
desc. node	-154 Dec 02 j 12:07	3°♌21'21		morning rise		-151 May 20 j 03:47	14°♌48'26		
				direct		-151 Jun 04 j 08:56	10°♌20'36		
superior conj	-154 Dec 20 j 21:07	26°♌27'48	0°-41'-47	greatest brilliancy		-151 Jun 18 j 04:11	13°♌39'11	-4.5m	
minimum elong	-154 Dec 20 j 11:01	25°♌56'07	0°41'22			-151 Jul 12 j 01:21	0°♌		
	-154 Dec 23 j 16:43	0°♌		morning max el		-151 Jul 23 j 08:16	10°♌18'16	45°54'25	
max. Earth dist.	-154 Dec 24 j 03:34	0°♌34'06	1.71239 AU			-151 Aug 11 j 15:16	0°♌		
	-153 Jan 16 j 15:14	0°♌				-151 Sep 07 j 10:01	0°♌		
evening rise	-153 Jan 31 j 02:47	18°♌04'23		asc. node		-151 Sep 09 j 10:10	2°♌20'04		
	-153 Feb 09 j 16:49	0°♌				-151 Oct 02 j 16:10	0°♌		
	-153 Mar 05 j 22:54	0°♌				-151 Oct 27 j 03:32	0°♌		
asc. node	-153 Mar 25 j 15:04	24°♌06'38				-151 Nov 20 j 05:52	0°♌		
	-153 Mar 30 j 11:08	0°♌		desc. node		-151 Dec 14 j 05:03	0°♌		
	-153 Apr 24 j 07:22	0°♌				-151 Dec 29 j 23:53	19°♌45'40		
	-153 May 19 j 14:29	0°♌		morning set		-150 Jan 07 j 04:17	0°♌		
	-153 Jun 14 j 14:35	0°♌				-150 Jan 25 j 10:39	22°♌48'42		
	-153 Jul 11 j 23:22	0°♌				-150 Jan 31 j 05:00	0°♌		
desc. node	-153 Jul 15 j 04:38	3°♌21'54				-150 Feb 24 j 07:54	0°♌		
evening max el	-153 Jul 28 j 12:18	16°♌43'43	46°08'31						
	-153 Aug 12 j 04:29	0°♌		superior conj		-150 Mar 06 j 09:19	12°♌28'22	-1°-22'-8	
greatest brilliancy	-153 Sep 05 j 15:38	15°♌29'00	-4.6m	minimum elong		-150 Mar 06 j 14:42	12°♌45'02	1°22'06	
retrograde	-153 Sep 15 j 22:15	17°♌25'08		max. Earth dist.		-150 Mar 09 j 16:35	16°♌33'43	1.72729 AU	
evening set	-153 Oct 02 j 09:31	12°♌17'12				-150 Mar 20 j 13:29	0°♌		
inferior conj	-153 Oct 06 j 16:14	9°♌44'54	-6°-43'-21	evening rise		-150 Apr 13 j 13:53	29°♌34'45		
minimum elong	-153 Oct 07 j 02:53	9°♌28'44	6°41'08			-150 Apr 13 j 22:06	0°♌		
min. Earth dist.	-153 Oct 07 j 11:04	9°♌16'18	0.26910 AU	asc. node		-150 Apr 22 j 02:58	10°♌03'53		
morning rise	-153 Oct 11 j 19:43	6°♌42'12				-150 May 08 j 09:46	0°♌		
direct	-153 Oct 27 j 07:15	1°♌59'08				-150 Jun 02 j 00:33	0°♌		
asc. node	-153 Nov 05 j 07:33	3°♌32'22				-150 Jun 26 j 19:12	0°♌		
greatest brilliancy	-153 Nov 09 j 17:04	5°♌18'02	-4.7m			-150 Jul 21 j 19:48	0°♌		
	-153 Dec 11 j 13:46	0°♌		desc. node		-150 Aug 11 j 16:36	24°♌39'24		
morning max el	-153 Dec 17 j 01:39	5°♌29'39	46°55'43			-150 Aug 16 j 06:24	0°♌		
	-152 Jan 08 j 19:40	0°♌				-150 Sep 11 j 11:16	0°♌		
	-152 Feb 03 j 21:52	0°♌				-150 Oct 09 j 10:47	0°♌		
desc. node	-152 Feb 24 j 21:38	24°♌48'05		evening max el		-150 Oct 09 j 23:31	0°♌32'01	47°17'56	
	-152 Feb 29 j 06:22	0°♌				-150 Nov 15 j 08:50	0°♌		
	-152 Mar 25 j 07:16	0°♌		greatest brilliancy		-150 Nov 17 j 13:15	1°♌00'45	-4.7m	
	-152 Apr 19 j 04:12	0°♌		retrograde		-150 Nov 29 j 18:33	3°♌48'57		
	-152 May 13 j 22:11	0°♌		asc. node		-150 Dec 02 j 19:27	3°♌37'24		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-150 Dec 13 j 10:57	30° \mathbb{R} 27		minimum elong	-147 May 14 j 21:11	19° \mathbb{U} 50'04	0°11'19
evening set	-150 Dec 14 j 10:07	29° \mathbb{A} 28'53		behind sun begin	-147 May 14 j 05:16	19° \mathbb{U} 01'14	
min. Earth dist.	-150 Dec 19 j 12:06	26° \mathbb{A} 28'47	0.26656 AU	behind sun end	-147 May 15 j 13:05	20° \mathbb{U} 38'54	
inferior conj	-150 Dec 20 j 08:33	25° \mathbb{A} 57'20	4°19'56	max. Earth dist.	-147 May 14 j 07:00	19° \mathbb{U} 06'32	1.73656 AU
minimum elong	-150 Dec 19 j 23:55	26° \mathbb{A} 10'37	4°17'32	asc. node	-147 May 19 j 14:45	25° \mathbb{U} 38'39	
morning rise	-150 Dec 25 j 14:20	22° \mathbb{A} 50'30			-147 May 23 j 03:54	0° \mathbb{U}	
direct	-149 Jan 09 j 17:24	18° \mathbb{A} 18'04			-147 Jun 16 j 13:46	0° \mathbb{U}	
greatest brilliancy	-149 Jan 20 j 13:32	20° \mathbb{A} 30'52	-4.6m	evening rise	-147 Jun 19 j 17:40	3° \mathbb{U} 53'24	
	-149 Feb 05 j 17:58	0° \mathbb{U}			-147 Jul 10 j 22:48	0° \mathbb{U}	
morning max el	-149 Feb 28 j 12:45	20° \mathbb{U} 05'58	46°24'37		-147 Aug 04 j 07:49	0° \mathbb{U}	
	-149 Mar 10 j 07:52	0° \mathbb{U}			-147 Aug 28 j 18:20	0° \mathbb{U}	
desc. node	-149 Mar 24 j 09:31	14° \mathbb{U} 58'46		desc. node	-147 Sep 08 j 04:39	12° \mathbb{U} 45'38	
	-149 Apr 06 j 23:31	0° \mathbb{U}			-147 Sep 22 j 08:00	0° \mathbb{U}	
	-149 May 03 j 05:26	0° \mathbb{U}			-147 Oct 17 j 03:13	0° \mathbb{U}	
	-149 May 28 j 19:08	0° \mathbb{U}			-147 Nov 11 j 09:35	0° \mathbb{U}	
	-149 Jun 22 j 21:59	0° \mathbb{U}			-147 Dec 07 j 19:22	0° \mathbb{U}	
asc. node	-149 Jul 15 j 12:22	27° \mathbb{U} 23'54		evening max el	-147 Dec 20 j 17:42	13° \mathbb{U} 41'06	47°04'07
	-149 Jul 17 j 15:28	0° \mathbb{U}		asc. node	-147 Dec 30 j 07:21	23° \mathbb{U} 05'52	
	-149 Aug 11 j 00:32	0° \mathbb{U}			-146 Jan 06 j 23:14	0° \mathbb{U}	
morning set	-149 Aug 25 j 09:49	17° \mathbb{U} 52'41		greatest brilliancy	-146 Jan 26 j 11:35	13° \mathbb{U} 31'05	-4.6m
	-149 Sep 04 j 02:54	0° \mathbb{U}		retrograde	-146 Feb 09 j 11:29	17° \mathbb{U} 07'07	
	-149 Sep 28 j 01:09	0° \mathbb{U}		evening set	-146 Feb 27 j 09:01	10° \mathbb{U} 55'00	
max. Earth dist.	-149 Sep 30 j 11:57	3° \mathbb{U} 04'39	1.71357 AU	inferior conj	-146 Mar 02 j 16:08	8° \mathbb{U} 50'30	8°23'59
				minimum elong	-146 Mar 02 j 20:10	8° \mathbb{U} 44'05	8°23'44
superior conj	-149 Oct 02 j 11:01	5° \mathbb{U} 32'30	1°07'15	min. Earth dist.	-146 Mar 02 j 06:50	9° \mathbb{U} 05'17	0.28442 AU
minimum elong	-149 Oct 02 j 21:11	6° \mathbb{U} 04'26	1°06'56	morning rise	-146 Mar 06 j 07:31	6° \mathbb{U} 33'43	
	-149 Oct 21 j 21:49	0° \mathbb{U}		direct	-146 Mar 23 j 19:19	0° \mathbb{U} 41'54	
desc. node	-149 Nov 04 j 02:22	16° \mathbb{U} 34'55		greatest brilliancy	-146 Apr 04 j 05:02	3° \mathbb{U} 02'34	-4.5m
evening rise	-149 Nov 12 j 05:37	26° \mathbb{U} 48'20		desc. node	-146 Apr 20 j 21:09	12° \mathbb{U} 48'31	
	-149 Nov 14 j 18:38	0° \mathbb{U}			-146 May 10 j 21:46	0° \mathbb{U}	
	-149 Dec 08 j 16:43	0° \mathbb{U}		morning max el	-146 May 11 j 15:51	0° \mathbb{U} 43'05	45°48'46
	-148 Jan 01 j 17:20	0° \mathbb{U}			-146 Jun 09 j 02:12	0° \mathbb{U}	
	-148 Jan 25 j 22:50	0° \mathbb{U}			-146 Jul 05 j 20:37	0° \mathbb{U}	
	-148 Feb 19 j 13:09	0° \mathbb{U}			-146 Jul 31 j 11:13	0° \mathbb{U}	
asc. node	-148 Feb 25 j 05:12	6° \mathbb{U} 49'23		asc. node	-146 Aug 12 j 00:21	13° \mathbb{U} 50'46	
	-148 Mar 15 j 18:08	0° \mathbb{U}			-146 Aug 25 j 07:37	0° \mathbb{U}	
	-148 Apr 11 j 00:05	0° \mathbb{U}			-146 Sep 18 j 15:22	0° \mathbb{U}	
	-148 May 09 j 10:15	0° \mathbb{U}			-146 Oct 12 j 15:18	0° \mathbb{U}	
evening max el	-148 May 13 j 21:57	4° \mathbb{U} 21'21	45°17'54		-146 Nov 05 j 11:38	0° \mathbb{U}	
desc. node	-148 Jun 15 j 18:53	29° \mathbb{U} 38'45		morning set	-146 Nov 06 j 13:13	1° \mathbb{U} 20'36	
	-148 Jun 16 j 12:25	0° \mathbb{U}			-146 Nov 29 j 07:14	0° \mathbb{U}	
greatest brilliancy	-148 Jun 18 j 14:49	0° \mathbb{U} 56'33	-4.5m	desc. node	-146 Dec 01 j 14:08	2° \mathbb{U} 52'49	
retrograde	-148 Jul 01 j 08:38	3° \mathbb{U} 46'38					
	-148 Jul 15 j 10:00	30° \mathbb{U} 29		superior conj	-146 Dec 18 j 06:23	23° \mathbb{U} 51'26	0°-38'-13
evening set	-148 Jul 17 j 21:02	28° \mathbb{U} 39'48		minimum elong	-146 Dec 17 j 20:55	23° \mathbb{U} 21'43	0°37'49
inferior conj	-148 Jul 22 j 16:46	25° \mathbb{U} 45'31	-7°-20'-7	max. Earth dist.	-146 Dec 21 j 06:40	27° \mathbb{U} 38'28	1.71205 AU
minimum elong	-148 Jul 22 j 07:30	25° \mathbb{U} 59'53	7°18'40		-146 Dec 23 j 03:46	0° \mathbb{U}	
min. Earth dist.	-148 Jul 22 j 22:54	25° \mathbb{U} 36'02	0.28563 AU		-145 Jan 16 j 02:16	0° \mathbb{U}	
morning rise	-148 Jul 26 j 17:42	23° \mathbb{U} 17'52		evening rise	-145 Jan 28 j 14:00	15° \mathbb{U} 35'26	
direct	-148 Aug 13 j 05:29	17° \mathbb{U} 34'27			-145 Feb 09 j 03:52	0° \mathbb{U}	
greatest brilliancy	-148 Aug 27 j 14:31	21° \mathbb{U} 13'44	-4.6m		-145 Mar 05 j 10:02	0° \mathbb{U}	
	-148 Sep 10 j 11:38	0° \mathbb{U}		asc. node	-145 Mar 24 j 17:07	23° \mathbb{U} 38'24	
morning max el	-148 Oct 02 j 07:18	19° \mathbb{U} 34'43	46°34'09		-145 Mar 29 j 22:31	0° \mathbb{U}	
asc. node	-148 Oct 06 j 21:51	24° \mathbb{U} 16'24			-145 Apr 23 j 19:14	0° \mathbb{U}	
	-148 Oct 12 j 08:37	0° \mathbb{U}			-145 May 19 j 03:16	0° \mathbb{U}	
	-148 Nov 08 j 01:06	0° \mathbb{U}			-145 Jun 14 j 05:09	0° \mathbb{U}	
	-148 Dec 03 j 05:03	0° \mathbb{U}			-145 Jul 11 j 18:02	0° \mathbb{U}	
	-148 Dec 27 j 19:06	0° \mathbb{U}		desc. node	-145 Jul 14 j 06:49	2° \mathbb{U} 37'30	
	-147 Jan 21 j 04:20	0° \mathbb{U}		evening max el	-145 Jul 26 j 00:56	14° \mathbb{U} 21'46	46°05'56
desc. node	-147 Jan 26 j 11:49	6° \mathbb{U} 32'49			-145 Aug 12 j 15:15	0° \mathbb{U}	
	-147 Feb 14 j 12:33	0° \mathbb{U}		greatest brilliancy	-145 Sep 03 j 02:34	13° \mathbb{U} 02'47	-4.6m
	-147 Mar 10 j 21:14	0° \mathbb{U}		retrograde	-145 Sep 13 j 10:45	15° \mathbb{U} 00'14	
	-147 Apr 04 j 06:53	0° \mathbb{U}		evening set	-145 Sep 30 j 01:14	9° \mathbb{U} 46'51	
morning set	-147 Apr 08 j 00:01	4° \mathbb{U} 33'42		inferior conj	-145 Oct 04 j 04:49	7° \mathbb{U} 19'06	-6°-58'-9
	-147 Apr 28 j 17:20	0° \mathbb{U}		minimum elong	-145 Oct 04 j 15:19	7° \mathbb{U} 03'09	6°56'05
				min. Earth dist.	-145 Oct 05 j 00:03	6° \mathbb{U} 49'55	0.26974 AU
superior conj	-147 May 14 j 18:52	19° \mathbb{U} 42'57	0°-11'-25	morning rise	-145 Oct 09 j 04:56	4° \mathbb{U} 21'21	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-145 Oct 20 j 02:57	30° \mathbb{R} \mathbb{M}		asc. node	-142 Apr 21 j 04:57	9° \mathbb{R} 36'08	
direct	-145 Oct 24 j 20:44	29° \mathbb{M} 32'07			-142 May 07 j 20:56	0° \mathbb{II}	
	-145 Oct 29 j 16:58	0° $\underline{\mathbb{A}}$			-142 Jun 01 j 12:01	0° \mathbb{S}	
asc. node	-145 Nov 04 j 09:36	1° $\underline{\mathbb{A}}$ 38'20			-142 Jun 26 j 07:10	0° \mathbb{Q}	
greatest brilliancy	-145 Nov 07 j 09:06	2° $\underline{\mathbb{A}}$ 54'26	-4.7m		-142 Jul 21 j 08:36	0° \mathbb{M}	
	-145 Dec 11 j 14:32	0° \mathbb{M}		desc. node	-142 Aug 10 j 18:43	24° \mathbb{M} 04'59	
morning max el	-145 Dec 14 j 16:11	3° \mathbb{M} 05'51	46°56'01		-142 Aug 15 j 20:36	0° $\underline{\mathbb{A}}$	
	-144 Jan 08 j 12:48	0° \mathbb{X}			-142 Sep 11 j 04:07	0° \mathbb{M}	
	-144 Feb 03 j 12:15	0° \mathbb{Z}		evening max el	-142 Oct 07 j 14:29	28° \mathbb{M} 10'24	47°16'33
desc. node	-144 Feb 23 j 23:48	24° \mathbb{Z} 15'19			-142 Oct 09 j 10:26	0° \mathbb{X}	
	-144 Feb 28 j 19:19	0° \approx		greatest brilliancy	-142 Nov 15 j 04:30	28° \mathbb{X} 34'42	-4.7m
	-144 Mar 24 j 19:21	0° \mathbb{X}			-142 Nov 19 j 00:28	0° \mathbb{Z}	
	-144 Apr 18 j 15:43	0° \mathbb{Y}		retrograde	-142 Nov 27 j 07:49	1° \mathbb{Z} 20'02	
	-144 May 13 j 09:20	0° \mathbb{X}		asc. node	-142 Dec 01 j 21:31	0° \mathbb{Z} 53'56	
	-144 Jun 06 j 23:47	0° \mathbb{II}			-142 Dec 05 j 07:45	30° \mathbb{R} \mathbb{X}	
morning set	-144 Jun 14 j 14:15	9° \mathbb{II} 18'31		evening set	-142 Dec 11 j 21:16	27° \mathbb{X} 03'28	
asc. node	-144 Jun 16 j 02:38	11° \mathbb{II} 10'02		min. Earth dist.	-142 Dec 17 j 01:44	23° \mathbb{X} 59'46	0.26608 AU
	-144 Jul 01 j 10:19	0° \mathbb{S}		inferior conj	-142 Dec 17 j 21:19	23° \mathbb{X} 29'36	3°59'05
max. Earth dist.	-144 Jul 17 j 06:11	19° \mathbb{S} 32'34	1.72936 AU	minimum elong	-142 Dec 17 j 13:11	23° \mathbb{X} 42'06	3°56'44
				morning rise	-142 Dec 23 j 05:47	20° \mathbb{X} 19'08	
superior conj	-144 Jul 20 j 21:27	24° \mathbb{S} 02'44	1°10'03	direct	-141 Jan 07 j 06:17	15° \mathbb{X} 51'21	
minimum elong	-144 Jul 20 j 13:14	23° \mathbb{S} 37'18	1°09'51	greatest brilliancy	-141 Jan 18 j 02:34	18° \mathbb{X} 04'20	-4.6m
	-144 Jul 25 j 16:44	0° \mathbb{Q}			-141 Feb 06 j 10:14	0° \mathbb{Z}	
	-144 Aug 18 j 19:54	0° \mathbb{M}		morning max el	-141 Feb 26 j 01:51	17° \mathbb{Z} 42'36	46°25'58
evening rise	-144 Aug 26 j 10:47	9° \mathbb{M} 29'46			-141 Mar 10 j 03:43	0° \approx	
	-144 Sep 11 j 21:28	0° $\underline{\mathbb{A}}$		desc. node	-141 Mar 23 j 11:30	14° \approx 17'31	
desc. node	-144 Oct 05 j 16:31	29° $\underline{\mathbb{A}}$ 39'49			-141 Apr 06 j 14:49	0° \mathbb{X}	
	-144 Oct 05 j 23:00	0° \mathbb{M}			-141 May 02 j 18:44	0° \mathbb{Y}	
	-144 Oct 30 j 01:44	0° \mathbb{X}			-141 May 28 j 07:23	0° \mathbb{X}	
	-144 Nov 23 j 07:09	0° \mathbb{Z}			-141 Jun 22 j 09:37	0° \mathbb{II}	
	-144 Dec 17 j 18:25	0° \approx		asc. node	-141 Jul 14 j 14:31	26° \mathbb{II} 55'57	
	-143 Jan 11 j 18:29	0° \mathbb{X}			-141 Jul 17 j 02:46	0° \mathbb{S}	
asc. node	-143 Jan 26 j 19:18	17° \mathbb{X} 28'57			-141 Aug 10 j 11:40	0° \mathbb{Q}	
	-143 Feb 06 j 22:19	0° \mathbb{Y}		morning set	-141 Aug 23 j 01:33	15° \mathbb{Q} 37'37	
evening max el	-143 Mar 01 j 21:26	24° \mathbb{Y} 07'08	45°50'32		-141 Sep 03 j 14:00	0° \mathbb{M}	
	-143 Mar 08 j 01:08	0° \mathbb{X}			-141 Sep 27 j 12:18	0° $\underline{\mathbb{A}}$	
greatest brilliancy	-143 Apr 05 j 03:44	20° \mathbb{X} 55'50	-4.5m	max. Earth dist.	-141 Sep 27 j 18:14	0° $\underline{\mathbb{A}}$ 18'40	1.71397 AU
retrograde	-143 Apr 19 j 23:32	24° \mathbb{X} 46'35					
evening set	-143 May 05 j 06:33	20° \mathbb{X} 13'43		superior conj	-141 Sep 30 j 00:19	3° $\underline{\mathbb{A}}$ 08'31	1°09'24
inferior conj	-143 May 11 j 09:57	16° \mathbb{X} 31'37	1°37'02	minimum elong	-141 Sep 30 j 10:09	3° $\underline{\mathbb{A}}$ 39'24	1°09'08
minimum elong	-143 May 11 j 13:27	16° \mathbb{X} 26'08	1°36'02		-141 Oct 21 j 09:02	0° \mathbb{M}	
min. Earth dist.	-143 May 11 j 15:20	16° \mathbb{X} 23'10	0.29010 AU	desc. node	-141 Nov 03 j 04:25	16° \mathbb{M} 06'00	
morning rise	-143 May 17 j 20:22	12° \mathbb{X} 39'46		evening rise	-141 Nov 09 j 15:47	24° \mathbb{M} 14'00	
desc. node	-143 May 18 j 09:02	12° \mathbb{X} 22'36			-141 Nov 14 j 05:57	0° \mathbb{X}	
direct	-143 Jun 02 j 01:55	8° \mathbb{X} 11'52			-141 Dec 08 j 04:08	0° \mathbb{Z}	
greatest brilliancy	-143 Jun 15 j 19:11	11° \mathbb{X} 28'58	-4.5m		-140 Jan 01 j 04:52	0° \approx	
	-143 Jul 12 j 05:00	0° \mathbb{II}			-140 Jan 25 j 10:39	0° \mathbb{X}	
morning max el	-143 Jul 21 j 01:09	8° \mathbb{II} 09'59	45°53'27		-140 Feb 19 j 01:29	0° \mathbb{Y}	
	-143 Aug 11 j 08:16	0° \mathbb{S}		asc. node	-140 Feb 24 j 07:11	6° \mathbb{Y} 17'55	
	-143 Sep 07 j 00:01	0° \mathbb{Q}			-140 Mar 15 j 07:28	0° \mathbb{X}	
asc. node	-143 Sep 08 j 12:09	1° \mathbb{Q} 45'19			-140 Apr 10 j 15:35	0° \mathbb{II}	
	-143 Oct 02 j 04:53	0° \mathbb{M}			-140 May 09 j 07:47	0° \mathbb{S}	
	-143 Oct 26 j 15:37	0° $\underline{\mathbb{A}}$		evening max el	-140 May 11 j 12:29	2° \mathbb{S} 06'54	45°17'36
	-143 Nov 19 j 17:35	0° \mathbb{M}		desc. node	-140 Jun 14 j 21:04	28° \mathbb{S} 07'51	
	-143 Dec 13 j 16:34	0° \mathbb{X}		greatest brilliancy	-140 Jun 16 j 03:57	28° \mathbb{S} 41'54	-4.5m
desc. node	-143 Dec 29 j 02:03	19° \mathbb{X} 16'43			-140 Jun 19 j 15:15	0° \mathbb{Q}	
	-142 Jan 06 j 15:39	0° \mathbb{Z}		retrograde	-140 Jun 28 j 23:14	1° \mathbb{Q} 34'13	
morning set	-142 Jan 22 j 21:28	20° \mathbb{Z} 17'34			-140 Jul 07 j 22:49	30° \mathbb{R} \mathbb{S}	
	-142 Jan 30 j 16:14	0° \approx		evening set	-140 Jul 15 j 09:03	26° \mathbb{S} 31'41	
	-142 Feb 23 j 19:00	0° \mathbb{X}		inferior conj	-140 Jul 20 j 08:14	23° \mathbb{S} 32'35	-7°-8'-29
				minimum elong	-140 Jul 19 j 22:40	23° \mathbb{S} 47'24	7°06'53
superior conj	-142 Mar 03 j 23:22	10° \mathbb{X} 08'54	-1°-23'-2	min. Earth dist.	-140 Jul 20 j 14:15	23° \mathbb{S} 23'17	0.28597 AU
minimum elong	-142 Mar 04 j 04:02	10° \mathbb{X} 23'22	1°23'00	morning rise	-140 Jul 24 j 11:57	21° \mathbb{S} 00'39	
max. Earth dist.	-142 Mar 07 j 10:13	14° \mathbb{X} 25'31	1.72676 AU	direct	-140 Aug 10 j 20:48	15° \mathbb{S} 20'51	
	-142 Mar 20 j 00:30	0° \mathbb{Y}		greatest brilliancy	-140 Aug 25 j 06:45	19° \mathbb{S} 00'09	-4.6m
evening rise	-142 Apr 11 j 06:28	27° \mathbb{Y} 24'24			-140 Sep 11 j 00:18	0° \mathbb{Q}	
	-142 Apr 13 j 09:07	0° \mathbb{X}		morning max el	-140 Sep 29 j 20:54	17° \mathbb{Q} 12'38	46°32'44

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-140 Oct 05 j 23:54	23°♌28'30		asc. node	-137 Mar 23 j 19:10	23°♎09'52	
	-140 Oct 12 j 03:36	0°♎			-137 Mar 29 j 10:00	0°♎	
	-140 Nov 07 j 16:13	0°♏			-137 Apr 23 j 07:13	0°♏	
	-140 Dec 02 j 18:33	0°♐			-137 May 18 j 16:13	0°♐	
	-140 Dec 27 j 07:42	0°♑			-137 Jun 13 j 20:02	0°♑	
	-139 Jan 20 j 16:21	0°♒			-137 Jul 11 j 13:22	0°♒	
desc. node	-139 Jan 25 j 13:56	6°♒02'34		desc. node	-137 Jul 13 j 08:54	1°♒51'46	
	-139 Feb 14 j 00:08	0°♓		evening max el	-137 Jul 23 j 14:45	12°♒02'35	46°03'23
	-139 Mar 10 j 08:31	0°♈			-137 Aug 13 j 05:47	0°♈	
	-139 Apr 03 j 17:58	0°♉		greatest brilliancy	-137 Aug 31 j 13:21	10°♈36'43	-4.6m
morning set	-139 Apr 05 j 16:54	2°♉24'12		retrograde	-137 Sep 10 j 23:45	12°♈35'35	
	-139 Apr 28 j 04:18	0°♊		evening set	-137 Sep 27 j 17:07	7°♈17'04	
max. Earth dist.	-139 May 12 j 02:18	17°♊04'59	1.73652 AU	inferior conj	-137 Oct 01 j 17:34	4°♈53'40	-7°-12'-3
				minimum elong	-137 Oct 02 j 03:51	4°♈38'05	7°10'09
superior conj	-139 May 12 j 13:08	17°♊38'14	0°-14'-30	min. Earth dist.	-137 Oct 02 j 12:47	4°♈24'32	0.27036 AU
minimum elong	-139 May 12 j 16:05	17°♊47'17	0°14'23	morning rise	-137 Oct 06 j 14:11	2°♈01'02	
behind sun begin	-139 May 12 j 06:36	17°♊18'12			-137 Oct 10 j 11:40	30°♎♒	
behind sun end	-139 May 13 j 01:33	18°♊16'22		direct	-137 Oct 22 j 10:45	27°♒05'50	
asc. node	-139 May 18 j 16:55	25°♊11'45		asc. node	-137 Nov 03 j 11:44	29°♒49'04	
	-139 May 22 j 14:49	0°♏			-137 Nov 03 j 21:49	0°♏	
	-139 Jun 16 j 00:45	0°♐		greatest brilliancy	-137 Nov 05 j 00:07	0°♏29'57	-4.7m
evening rise	-139 Jun 17 j 12:51	1°♐50'59			-137 Dec 11 j 14:08	0°♐	
	-139 Jul 10 j 09:58	0°♑		morning max el	-137 Dec 12 j 07:02	0°♐42'59	46°56'04
	-139 Aug 03 j 19:19	0°♒			-136 Jan 08 j 05:37	0°♑	
	-139 Aug 28 j 06:18	0°♓			-136 Feb 03 j 02:30	0°♒	
desc. node	-139 Sep 07 j 06:37	12°♓14'25		desc. node	-136 Feb 23 j 01:42	23°♒41'48	
	-139 Sep 21 j 20:38	0°♐			-136 Feb 28 j 08:14	0°♓	
	-139 Oct 16 j 16:47	0°♑			-136 Mar 24 j 07:26	0°♈	
	-139 Nov 11 j 00:46	0°♒			-136 Apr 18 j 03:13	0°♉	
	-139 Dec 07 j 14:07	0°♓			-136 May 12 j 20:26	0°♊	
evening max el	-139 Dec 18 j 07:34	11°♓17'51	47°06'16		-136 Jun 06 j 10:40	0°♏	
asc. node	-139 Dec 29 j 09:33	22°♓08'26		morning set	-136 Jun 12 j 08:50	7°♏15'07	
	-138 Jan 07 j 08:33	0°♈		asc. node	-136 Jun 15 j 04:47	10°♏43'20	
greatest brilliancy	-138 Jan 24 j 04:21	11°♈15'44	-4.6m		-136 Jun 30 j 21:08	0°♐	
retrograde	-138 Feb 07 j 03:18	14°♈51'38		max. Earth dist.	-136 Jul 15 j 02:04	17°♐32'06	1.72985 AU
evening set	-138 Feb 25 j 01:48	8°♈38'00					
inferior conj	-138 Feb 28 j 07:51	6°♈35'20	8°28'24	superior conj	-136 Jul 18 j 15:33	21°♐56'35	1°08'14
minimum elong	-138 Feb 28 j 11:10	6°♈30'06	8°28'14	minimum elong	-136 Jul 18 j 07:09	21°♐30'36	1°08'00
min. Earth dist.	-138 Feb 27 j 21:43	6°♈51'27	0.28396 AU		-136 Jul 25 j 03:35	0°♑	
morning rise	-138 Mar 03 j 20:43	4°♈22'35			-136 Aug 18 j 06:54	0°♒	
	-138 Mar 12 j 15:55	30°♎♓		evening rise	-136 Aug 24 j 02:39	7°♒15'14	
direct	-138 Mar 21 j 09:49	28°♓27'23			-136 Sep 11 j 08:38	0°♓	
	-138 Mar 30 j 13:47	0°♈		desc. node	-136 Oct 04 j 18:36	29°♓10'48	
greatest brilliancy	-138 Apr 01 j 19:24	0°♈47'52	-4.5m		-136 Oct 05 j 10:25	0°♐	
desc. node	-138 Apr 19 j 23:15	11°♈40'40			-136 Oct 29 j 13:27	0°♑	
morning max el	-138 May 09 j 07:00	28°♈30'03	45°49'28		-136 Nov 22 j 19:17	0°♒	
	-138 May 10 j 20:26	0°♉			-136 Dec 17 j 07:12	0°♓	
	-138 Jun 08 j 18:06	0°♊			-135 Jan 11 j 08:24	0°♈	
	-138 Jul 05 j 10:06	0°♏		asc. node	-135 Jan 25 j 21:16	16°♈51'24	
	-138 Jul 30 j 23:33	0°♐			-135 Feb 06 j 14:50	0°♉	
asc. node	-138 Aug 11 j 02:21	13°♐20'28		evening max el	-135 Feb 27 j 13:53	21°♉56'13	45°52'52
	-138 Aug 24 j 19:21	0°♑			-135 Mar 08 j 02:21	0°♊	
	-138 Sep 18 j 02:48	0°♒		greatest brilliancy	-135 Apr 02 j 21:15	18°♊48'31	-4.5m
	-138 Oct 12 j 02:37	0°♓		retrograde	-135 Apr 17 j 16:28	22°♊38'10	
morning set	-138 Nov 04 j 00:18	28°♓48'53		evening set	-135 May 03 j 00:43	18°♊03'25	
	-138 Nov 04 j 22:53	0°♐		inferior conj	-135 May 09 j 02:30	14°♊23'02	1°56'09
	-138 Nov 28 j 18:28	0°♑		minimum elong	-135 May 09 j 06:39	14°♊16'32	1°54'59
desc. node	-138 Nov 30 j 16:17	2°♑24'12		min. Earth dist.	-135 May 09 j 07:39	14°♊14'57	0.29006 AU
				morning rise	-135 May 15 j 12:42	10°♊31'21	
superior conj	-138 Dec 15 j 15:37	21°♑14'20	0°-34'-34	desc. node	-135 May 17 j 11:08	9°♊30'34	
minimum elong	-138 Dec 15 j 06:52	20°♑46'50	0°34'11	direct	-135 May 30 j 18:48	6°♊03'35	
max. Earth dist.	-138 Dec 18 j 10:37	24°♑44'52	1.71177 AU	greatest brilliancy	-135 Jun 13 j 08:54	9°♊17'33	-4.5m
	-138 Dec 22 j 14:59	0°♒			-135 Jul 12 j 06:53	0°♏	
	-137 Jan 15 j 13:28	0°♓		morning max el	-135 Jul 18 j 17:08	6°♏00'08	45°52'26
evening rise	-137 Jan 26 j 01:16	13°♓06'04			-135 Aug 11 j 00:48	0°♐	
	-137 Feb 08 j 15:04	0°♈			-135 Sep 06 j 13:47	0°♑	
	-137 Mar 04 j 21:19	0°♉		asc. node	-135 Sep 07 j 14:13	1°♑11'23	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-135 Oct 01 j 17:27	0° \mathbb{M}		greatest brilliancy	-132 Jun 13 j 16:07	26° \mathbb{D} 27'01	-4.5m
	-135 Oct 26 j 03:34	0° \mathbb{A}		desc. node	-132 Jun 13 j 23:08	26° \mathbb{D} 34'28	
	-135 Nov 19 j 05:11	0° \mathbb{M}		retrograde	-132 Jun 26 j 14:18	29° \mathbb{D} 22'57	
	-135 Dec 13 j 03:56	0° \mathbb{A}		evening set	-132 Jul 12 j 21:08	24° \mathbb{D} 24'20	
desc. node	-135 Dec 28 j 04:07	18° \mathbb{A} 47'59		inferior conj	-132 Jul 17 j 23:41	21° \mathbb{D} 20'41	-6°-56'-13
	-134 Jan 06 j 02:51	0° \mathbb{D}		minimum elong	-132 Jul 17 j 13:54	21° \mathbb{D} 35'50	6°54'29
morning set	-134 Jan 20 j 08:03	17° \mathbb{D} 46'12		min. Earth dist.	-132 Jul 18 j 05:33	21° \mathbb{D} 11'37	0.28627 AU
	-134 Jan 30 j 03:17	0° \approx		morning rise	-132 Jul 22 j 06:18	18° \mathbb{D} 44'32	
	-134 Feb 23 j 05:56	0° \mathbb{H}		direct	-132 Aug 08 j 11:59	13° \mathbb{D} 08'14	
				greatest brilliancy	-132 Aug 22 j 23:34	16° \mathbb{D} 48'41	-4.6m
superior conj	-134 Mar 01 j 13:14	7° \mathbb{H} 49'16	-1°-23'-48		-132 Sep 11 j 09:10	0° \mathbb{D}	
minimum elong	-134 Mar 01 j 17:07	8° \mathbb{H} 01'18	1°23'46	morning max el	-132 Sep 27 j 11:20	14° \mathbb{D} 54'04	46°31'24
max. Earth dist.	-134 Mar 05 j 04:38	12° \mathbb{H} 20'07	1.72623 AU	asc. node	-132 Oct 05 j 02:05	22° \mathbb{D} 42'50	
	-134 Mar 19 j 11:22	0° \mathbb{Y}			-132 Oct 11 j 21:39	0° \mathbb{M}	
evening rise	-134 Apr 08 j 22:52	25° \mathbb{Y} 13'54			-132 Nov 07 j 06:46	0° \mathbb{A}	
	-134 Apr 12 j 20:00	0° \mathbb{B}			-132 Dec 02 j 07:37	0° \mathbb{M}	
asc. node	-134 Apr 20 j 07:08	9° \mathbb{B} 09'28			-132 Dec 26 j 19:58	0° \mathbb{A}	
	-134 May 07 j 07:56	0° \mathbb{H}			-131 Jan 20 j 04:04	0° \mathbb{D}	
	-134 May 31 j 23:17	0° \mathbb{D}		desc. node	-131 Jan 24 j 15:54	5° \mathbb{D} 32'41	
	-134 Jun 25 j 18:57	0° \mathbb{D}			-131 Feb 13 j 11:28	0° \approx	
	-134 Jul 20 j 21:14	0° \mathbb{M}			-131 Mar 09 j 19:33	0° \mathbb{H}	
desc. node	-134 Aug 09 j 20:39	23° \mathbb{M} 30'30		morning set	-131 Apr 03 j 09:19	0° \mathbb{Y} 13'56	
	-134 Aug 15 j 10:43	0° \mathbb{A}			-131 Apr 03 j 04:47	0° \mathbb{Y}	
	-134 Sep 10 j 21:07	0° \mathbb{M}			-131 Apr 27 j 14:58	0° \mathbb{B}	
evening max el	-134 Oct 05 j 04:25	25° \mathbb{M} 46'26	47°14'52				
	-134 Oct 09 j 11:07	0° \mathbb{A}		superior conj	-131 May 10 j 07:06	15° \mathbb{B} 33'29	0°-17'-37
greatest brilliancy	-134 Nov 12 j 20:29	26° \mathbb{A} 09'14	-4.7m	minimum elong	-131 May 10 j 10:40	15° \mathbb{B} 44'25	0°17'27
retrograde	-134 Nov 24 j 20:19	28° \mathbb{A} 50'31		max. Earth dist.	-131 May 09 j 22:32	15° \mathbb{B} 07'10	1.73647 AU
asc. node	-134 Nov 30 j 23:40	28° \mathbb{A} 03'39		asc. node	-131 May 17 j 18:59	24° \mathbb{B} 45'29	
evening set	-134 Dec 09 j 08:21	24° \mathbb{A} 37'14			-131 May 22 j 01:27	0° \mathbb{H}	
min. Earth dist.	-134 Dec 14 j 15:34	21° \mathbb{A} 29'39	0.26562 AU	evening rise	-131 Jun 15 j 07:58	29° \mathbb{H} 49'19	
inferior conj	-134 Dec 15 j 09:50	21° \mathbb{A} 01'30	3°37'25		-131 Jun 15 j 11:27	0° \mathbb{D}	
minimum elong	-134 Dec 15 j 02:18	21° \mathbb{A} 13'07	3°35'11		-131 Jul 09 j 20:51	0° \mathbb{D}	
morning rise	-134 Dec 20 j 20:51	17° \mathbb{A} 47'24			-131 Aug 03 j 06:31	0° \mathbb{M}	
direct	-133 Jan 04 j 18:20	13° \mathbb{A} 24'07			-131 Aug 27 j 17:58	0° \mathbb{A}	
greatest brilliancy	-133 Jan 15 j 16:13	15° \mathbb{A} 38'15	-4.6m	desc. node	-131 Sep 06 j 08:46	11° \mathbb{A} 44'45	
	-133 Feb 06 j 22:17	0° \mathbb{D}			-131 Sep 21 j 08:56	0° \mathbb{M}	
morning max el	-133 Feb 23 j 13:54	15° \mathbb{D} 16'56	46°27'26		-131 Oct 16 j 06:03	0° \mathbb{A}	
	-133 Mar 09 j 22:46	0° \approx			-131 Nov 10 j 15:44	0° \mathbb{D}	
desc. node	-133 Mar 22 j 13:39	13° \approx 37'49			-131 Dec 07 j 09:00	0° \approx	
	-133 Apr 06 j 05:39	0° \mathbb{H}		evening max el	-131 Dec 15 j 22:06	8° \approx 57'09	47°08'11
	-133 May 02 j 07:42	0° \mathbb{Y}		asc. node	-131 Dec 28 j 11:30	21° \approx 09'45	
	-133 May 27 j 19:20	0° \mathbb{B}			-130 Jan 07 j 20:50	0° \mathbb{H}	
	-133 Jun 21 j 20:58	0° \mathbb{H}		greatest brilliancy	-130 Jan 21 j 20:13	8° \mathbb{H} 59'15	-4.6m
asc. node	-133 Jul 13 j 16:33	26° \mathbb{H} 28'27		retrograde	-130 Feb 04 j 19:21	12° \mathbb{H} 35'46	
	-133 Jul 16 j 13:46	0° \mathbb{D}		evening set	-130 Feb 22 j 17:59	6° \mathbb{H} 20'53	
	-133 Aug 09 j 22:29	0° \mathbb{D}		inferior conj	-130 Feb 25 j 23:15	4° \mathbb{H} 19'38	8°31'59
morning set	-133 Aug 20 j 17:32	13° \mathbb{D} 24'22		minimum elong	-130 Feb 26 j 01:50	4° \mathbb{H} 15'34	8°31'53
	-133 Sep 03 j 00:47	0° \mathbb{M}		min. Earth dist.	-130 Feb 25 j 12:00	4° \mathbb{H} 37'28	0.28349 AU
max. Earth dist.	-133 Sep 25 j 03:25	27° \mathbb{M} 42'45	1.71445 AU	morning rise	-130 Mar 01 j 09:53	2° \mathbb{H} 10'34	
	-133 Sep 26 j 23:08	0° \mathbb{A}			-130 Mar 05 j 05:22	30° \mathbb{R} \approx	
				direct	-130 Mar 19 j 00:19	26° \approx 12'22	
superior conj	-133 Sep 27 j 13:50	0° \mathbb{A} 46'10	1°11'25	greatest brilliancy	-130 Mar 30 j 09:05	28° \approx 32'24	-4.5m
minimum elong	-133 Sep 27 j 23:18	1° \mathbb{A} 15'51	1°11'10		-130 Apr 02 j 17:38	0° \mathbb{H}	
	-133 Oct 20 j 20:00	0° \mathbb{M}		desc. node	-130 Apr 19 j 01:22	10° \mathbb{H} 34'59	
desc. node	-133 Nov 02 j 06:35	15° \mathbb{M} 38'11		morning max el	-130 May 06 j 22:47	26° \mathbb{H} 18'59	45°50'15
evening rise	-133 Nov 07 j 01:52	21° \mathbb{M} 40'12			-130 May 10 j 18:00	0° \mathbb{Y}	
	-133 Nov 13 j 17:03	0° \mathbb{A}			-130 Jun 08 j 09:28	0° \mathbb{B}	
	-133 Dec 07 j 15:20	0° \mathbb{D}			-130 Jul 04 j 23:11	0° \mathbb{H}	
	-133 Dec 31 j 16:14	0° \approx			-130 Jul 30 j 11:33	0° \mathbb{D}	
	-132 Jan 24 j 22:17	0° \mathbb{H}		asc. node	-130 Aug 10 j 04:22	12° \mathbb{D} 51'10	
	-132 Feb 18 j 13:37	0° \mathbb{Y}			-130 Aug 24 j 06:47	0° \mathbb{D}	
asc. node	-132 Feb 23 j 09:15	5° \mathbb{Y} 47'20			-130 Sep 17 j 13:57	0° \mathbb{M}	
	-132 Mar 14 j 20:38	0° \mathbb{B}			-130 Oct 11 j 13:37	0° \mathbb{A}	
	-132 Apr 10 j 07:01	0° \mathbb{H}		morning set	-130 Nov 01 j 11:54	26° \mathbb{A} 19'52	
evening max el	-132 May 09 j 02:49	29° \mathbb{H} 52'48	45°17'26		-130 Nov 04 j 09:48	0° \mathbb{M}	
	-132 May 09 j 05:50	0° \mathbb{D}			-130 Nov 28 j 05:21	0° \mathbb{A}	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-130 Nov 29 j 18:19	1°♄56'21		min. Earth dist.	-127 May 07 j 00:24	12°♄06'57	0.29005 AU
				morning rise	-127 May 13 j 04:57	8°♄23'39	
superior conj	-130 Dec 13 j 01:06	18°♄39'03	0°-30'-51	desc. node	-127 May 16 j 13:11	6°♄42'34	
minimum elong	-130 Dec 12 j 17:08	18°♄14'00	0°30'30	direct	-127 May 28 j 11:31	3°♄55'54	
max. Earth dist.	-130 Dec 15 j 18:35	22°♄04'55	1.71152 AU	greatest brilliancy	-127 Jun 10 j 22:48	7°♄06'35	-4.5m
	-130 Dec 22 j 01:51	0°♄			-127 Jul 12 j 07:24	0°♄	
	-129 Jan 15 j 00:21	0°♄		morning max el	-127 Jul 16 j 08:29	3°♄48'53	45°51'27
evening rise	-129 Jan 23 j 12:34	10°♄37'43			-127 Aug 10 j 16:58	0°♄	
	-129 Feb 08 j 02:00	0°♄			-127 Sep 06 j 03:23	0°♄	
	-129 Mar 04 j 08:21	0°♄		asc. node	-127 Sep 06 j 16:25	0°♄38'11	
asc. node	-129 Mar 22 j 21:18	22°♄42'13			-127 Oct 01 j 05:54	0°♄	
	-129 Mar 28 j 21:17	0°♄			-127 Oct 25 j 15:26	0°♄	
	-129 Apr 22 j 19:02	0°♄			-127 Nov 18 j 16:44	0°♄	
	-129 May 18 j 05:03	0°♄			-127 Dec 12 j 15:17	0°♄	
	-129 Jun 13 j 10:53	0°♄		desc. node	-127 Dec 27 j 06:05	18°♄18'58	
	-129 Jul 11 j 09:03	0°♄			-126 Jan 05 j 14:02	0°♄	
desc. node	-129 Jul 12 j 10:51	1°♄05'37		morning set	-126 Jan 17 j 18:44	15°♄15'10	
evening max el	-129 Jul 21 j 05:07	9°♄45'27	46°00'50		-126 Jan 29 j 14:17	0°♄	
	-129 Aug 14 j 00:52	0°♄			-126 Feb 22 j 16:47	0°♄	
greatest brilliancy	-129 Aug 29 j 00:29	8°♄11'47	-4.6m				
retrograde	-129 Sep 08 j 12:24	10°♄11'18		superior conj	-126 Feb 27 j 03:20	5°♄30'36	-1°-24'-24
evening set	-129 Sep 25 j 08:57	4°♄48'00		minimum elong	-126 Feb 27 j 06:24	5°♄40'06	1°24'24
inferior conj	-129 Sep 29 j 06:14	2°♄28'50	-7°-25'-15	max. Earth dist.	-126 Mar 02 j 23:03	10°♄14'55	1.72564 AU
minimum elong	-129 Sep 29 j 16:13	2°♄13'40	7°23'31		-126 Mar 18 j 22:08	0°♄	
min. Earth dist.	-129 Sep 30 j 01:24	1°♄59'44	0.27095 AU	evening rise	-126 Apr 06 j 15:26	23°♄04'05	
	-129 Oct 03 j 10:01	30°♄			-126 Apr 12 j 06:48	0°♄	
morning rise	-129 Oct 03 j 23:10	29°♄41'17		asc. node	-126 Apr 19 j 09:11	8°♄42'34	
direct	-129 Oct 20 j 00:47	24°♄40'16			-126 May 06 j 18:54	0°♄	
greatest brilliancy	-129 Nov 02 j 14:01	28°♄04'35	-4.7m		-126 May 31 j 10:34	0°♄	
asc. node	-129 Nov 02 j 13:48	28°♄04'19			-126 Jun 25 j 06:47	0°♄	
	-129 Nov 06 j 06:40	0°♄			-126 Jul 20 j 10:00	0°♄	
morning max el	-129 Dec 09 j 21:24	28°♄19'45	46°56'15	desc. node	-126 Aug 08 j 22:49	22°♄56'18	
	-129 Dec 11 j 12:27	0°♄			-126 Aug 15 j 01:03	0°♄	
	-128 Jan 07 j 21:47	0°♄			-126 Sep 10 j 14:32	0°♄	
	-128 Feb 02 j 16:17	0°♄		evening max el	-126 Oct 02 j 17:18	23°♄19'43	47°13'06
desc. node	-128 Feb 22 j 03:52	23°♄10'07			-126 Oct 09 j 13:09	0°♄	
	-128 Feb 27 j 20:46	0°♄		greatest brilliancy	-126 Nov 10 j 12:29	23°♄43'16	-4.7m
	-128 Mar 23 j 19:12	0°♄		retrograde	-126 Nov 22 j 08:26	26°♄20'41	
	-128 Apr 17 j 14:29	0°♄		asc. node	-126 Nov 30 j 01:41	25°♄06'56	
	-128 May 12 j 07:22	0°♄		evening set	-126 Dec 06 j 19:33	22°♄09'56	
	-128 Jun 05 j 21:24	0°♄		min. Earth dist.	-126 Dec 12 j 05:43	18°♄58'31	0.26521 AU
morning set	-128 Jun 10 j 03:13	5°♄11'37		inferior conj	-126 Dec 12 j 22:18	18°♄32'57	3°15'08
asc. node	-128 Jun 14 j 06:45	10°♄16'37		minimum elong	-126 Dec 12 j 15:24	18°♄43'35	3°13'04
	-128 Jun 30 j 07:47	0°♄		morning rise	-126 Dec 18 j 11:44	15°♄15'24	
max. Earth dist.	-128 Jul 12 j 20:29	15°♄27'45	1.73031 AU	direct	-125 Jan 02 j 05:55	10°♄55'59	
				greatest brilliancy	-125 Jan 13 j 06:55	13°♄12'40	-4.6m
superior conj	-128 Jul 16 j 09:31	19°♄50'38	1°06'19		-125 Feb 07 j 07:24	0°♄	
minimum elong	-128 Jul 16 j 00:58	19°♄24'12	1°06'03	morning max el	-125 Feb 21 j 02:05	12°♄50'59	46°29'10
	-128 Jul 24 j 14:17	0°♄			-125 Mar 09 j 17:24	0°♄	
	-128 Aug 17 j 17:44	0°♄		desc. node	-125 Mar 21 j 15:44	12°♄58'11	
evening rise	-128 Aug 21 j 18:30	5°♄01'16			-125 Apr 05 j 20:20	0°♄	
	-128 Sep 10 j 19:41	0°♄			-125 May 01 j 20:36	0°♄	
desc. node	-128 Oct 03 j 20:43	28°♄42'13			-125 May 27 j 07:16	0°♄	
	-128 Oct 04 j 21:44	0°♄			-125 Jun 21 j 08:22	0°♄	
	-128 Oct 29 j 01:06	0°♄		asc. node	-125 Jul 12 j 18:36	26°♄00'46	
	-128 Nov 22 j 07:20	0°♄			-125 Jul 16 j 00:52	0°♄	
	-128 Dec 16 j 19:51	0°♄			-125 Aug 09 j 09:27	0°♄	
	-127 Jan 10 j 22:12	0°♄		morning set	-125 Aug 18 j 09:33	11°♄10'45	
asc. node	-127 Jan 24 j 23:22	16°♄14'44			-125 Sep 02 j 11:44	0°♄	
	-127 Feb 06 j 07:21	0°♄		max. Earth dist.	-125 Sep 22 j 14:54	25°♄13'32	1.71492 AU
evening max el	-127 Feb 25 j 05:51	19°♄44'42	45°55'07				
	-127 Mar 08 j 04:37	0°♄		superior conj	-125 Sep 25 j 03:24	28°♄23'26	1°13'18
greatest brilliancy	-127 Mar 31 j 15:01	16°♄42'05	-4.5m	minimum elong	-125 Sep 25 j 12:23	28°♄51'40	1°13'04
retrograde	-127 Apr 15 j 08:55	20°♄30'23			-125 Sep 26 j 10:09	0°♄	
evening set	-127 Apr 30 j 19:07	15°♄53'34			-125 Oct 20 j 07:08	0°♄	
inferior conj	-127 May 06 j 19:12	12°♄15'09	2°15'09	desc. node	-125 Nov 01 j 08:34	15°♄09'16	
minimum elong	-127 May 06 j 23:57	12°♄07'39	2°13'48	evening rise	-125 Nov 04 j 12:02	19°♄06'15	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-125 Nov 13 j 04:19	0°♊				-122 Jun 08 j 00:57	0°♋		
	-125 Dec 07 j 02:45	0°♌				-122 Jul 04 j 12:27	0°♍		
	-125 Dec 31 j 03:49	0°♎				-122 Jul 29 j 23:44	0°♏		
	-124 Jan 24 j 10:09	0°♐			asc. node	-122 Aug 09 j 06:35	12°♐21'48		
	-124 Feb 18 j 02:00	0°♑				-122 Aug 23 j 18:26	0°♒		
asc. node	-124 Feb 22 j 11:26	5°♑16'22				-122 Sep 17 j 01:22	0°♓		
	-124 Mar 14 j 10:03	0°♋				-122 Oct 11 j 00:57	0°♈		
	-124 Apr 09 j 22:49	0°♌			morning set	-122 Oct 29 j 23:29	23°♈49'37		
evening max el	-124 May 06 j 17:47	27°♌40'15	45°17'29			-122 Nov 03 j 21:07	0°♉		
	-124 May 09 j 04:51	0°♍				-122 Nov 27 j 16:39	0°♊		
greatest brilliancy	-124 Jun 11 j 03:17	24°♍11'09	-4.5m		desc. node	-122 Nov 28 j 20:22	1°♊27'13		
desc. node	-124 Jun 13 j 01:06	24°♍57'41							
retrograde	-124 Jun 24 j 05:54	27°♍11'58			superior conj	-122 Dec 10 j 10:10	16°♊01'05	0°-27'-2	
evening set	-124 Jul 10 j 09:31	22°♍16'52			minimum elong	-122 Dec 10 j 03:05	15°♊38'49	0°26'44	
inferior conj	-124 Jul 15 j 15:19	19°♍08'49	-6°-43'-18		max. Earth dist.	-122 Dec 13 j 03:19	19°♊25'56	1.71127 AU	
minimum elong	-124 Jul 15 j 05:23	19°♍24'10	6°41'27			-122 Dec 21 j 13:09	0°♋		
min. Earth dist.	-124 Jul 15 j 20:44	19°♍00'28	0.28662 AU			-121 Jan 14 j 11:39	0°♌		
morning rise	-124 Jul 20 j 00:52	16°♍28'32			evening rise	-121 Jan 20 j 23:21	8°♌06'22		
direct	-124 Aug 06 j 03:50	10°♍55'36				-121 Feb 07 j 13:19	0°♍		
greatest brilliancy	-124 Aug 20 j 16:54	14°♍37'43	-4.6m			-121 Mar 03 j 19:47	0°♎		
	-124 Sep 11 j 15:52	0°♏			asc. node	-121 Mar 21 j 23:20	22°♎13'02		
morning max el	-124 Sep 25 j 02:56	12°♏37'51	46°29'56			-121 Mar 28 j 08:59	0°♐		
asc. node	-124 Oct 04 j 04:05	21°♏56'28				-121 Apr 22 j 07:17	0°♑		
	-124 Oct 11 j 15:37	0°♒				-121 May 17 j 18:21	0°♓		
	-124 Nov 06 j 21:28	0°♈				-121 Jun 13 j 02:15	0°♒		
	-124 Dec 01 j 20:54	0°♉				-121 Jul 11 j 05:37	0°♓		
	-124 Dec 26 j 08:27	0°♊			desc. node	-121 Jul 11 j 13:03	0°♓18'44		
	-123 Jan 19 j 16:02	0°♋			evening max el	-121 Jul 18 j 19:32	7°♓27'55	45°58'20	
desc. node	-123 Jan 23 j 18:03	5°♋02'34				-121 Aug 15 j 02:53	0°♈		
	-123 Feb 12 j 23:04	0°♌			greatest brilliancy	-121 Aug 26 j 12:24	5°♈47'54	-4.6m	
	-123 Mar 09 j 06:52	0°♍			retrograde	-121 Sep 06 j 00:47	7°♈47'18		
morning set	-123 Apr 01 j 01:41	28°♍02'37			evening set	-121 Sep 23 j 00:57	2°♈19'34		
	-123 Apr 02 j 15:52	0°♎			inferior conj	-121 Sep 26 j 19:14	0°♈04'24	-7°-37'-18	
	-123 Apr 27 j 01:54	0°♏			minimum elong	-121 Sep 27 j 04:50	29°♈49'47	7°35'45	
						-121 Sep 26 j 22:07	30°♈		
superior conj	-123 May 08 j 01:12	13°♏28'19	0°-20'-42		min. Earth dist.	-121 Sep 27 j 14:26	29°♈35'10	0.27158 AU	
minimum elong	-123 May 08 j 05:22	13°♏41'06	0°20'30		morning rise	-121 Oct 01 j 08:25	27°♈21'47		
max. Earth dist.	-123 May 07 j 20:27	13°♏13'42	1.73635 AU		direct	-121 Oct 17 j 14:53	22°♈15'04		
asc. node	-123 May 16 j 20:59	24°♏18'19			greatest brilliancy	-121 Oct 31 j 04:01	25°♈38'58	-4.7m	
	-123 May 21 j 12:19	0°♐			asc. node	-121 Nov 01 j 15:50	26°♈23'04		
evening rise	-123 Jun 13 j 03:23	27°♐47'57				-121 Nov 07 j 19:36	0°♉		
	-123 Jun 14 j 22:22	0°♑			morning max el	-121 Dec 07 j 11:04	25°♉53'31	46°56'03	
	-123 Jul 09 j 08:00	0°♒				-121 Dec 11 j 10:23	0°♊		
	-123 Aug 02 j 18:02	0°♓				-120 Jan 07 j 14:10	0°♋		
	-123 Aug 27 j 05:59	0°♈				-120 Feb 02 j 06:26	0°♌		
desc. node	-123 Sep 05 j 10:51	11°♈13'42			desc. node	-120 Feb 21 j 05:59	22°♈37'03		
	-123 Sep 20 j 21:40	0°♉				-120 Feb 27 j 09:42	0°♍		
	-123 Oct 15 j 19:50	0°♊				-120 Mar 23 j 07:21	0°♎		
	-123 Nov 10 j 07:21	0°♋				-120 Apr 17 j 02:06	0°♌		
	-123 Dec 07 j 04:54	0°♌				-120 May 11 j 18:37	0°♍		
evening max el	-123 Dec 13 j 13:32	6°♌37'30	47°10'08			-120 Jun 05 j 08:27	0°♎		
asc. node	-123 Dec 27 j 13:36	20°♌08'51			morning set	-120 Jun 07 j 21:36	3°♎07'10		
	-122 Jan 08 j 14:02	0°♍			asc. node	-120 Jun 13 j 08:53	9°♎49'23		
greatest brilliancy	-122 Jan 19 j 12:05	6°♍41'26	-4.6m			-120 Jun 29 j 18:45	0°♏		
retrograde	-122 Feb 02 j 11:39	10°♍18'13			max. Earth dist.	-120 Jul 10 j 13:40	13°♏18'41	1.73072 AU	
evening set	-122 Feb 20 j 09:43	4°♍02'41							
min. Earth dist.	-122 Feb 23 j 01:54	2°♍22'16	0.28298 AU		superior conj	-120 Jul 14 j 03:47	17°♏44'50	1°04'18	
inferior conj	-122 Feb 23 j 14:32	2°♍02'17	8°34'47		minimum elong	-120 Jul 13 j 19:09	17°♏18'07	1°04'03	
minimum elong	-122 Feb 23 j 16:20	1°♍59'25	8°34'45			-120 Jul 24 j 01:16	0°♒		
morning rise	-122 Feb 26 j 23:10	29°♍56'28				-120 Aug 17 j 04:48	0°♓		
	-122 Feb 26 j 20:51	30°♍			evening rise	-120 Aug 19 j 10:54	2°♓48'20		
direct	-122 Mar 16 j 15:08	23°♍55'51				-120 Sep 10 j 06:56	0°♈		
greatest brilliancy	-122 Mar 27 j 21:42	26°♍14'22	-4.5m		desc. node	-120 Oct 02 j 22:43	28°♈12'36		
	-122 Apr 04 j 14:39	0°♎				-120 Oct 04 j 09:15	0°♉		
desc. node	-122 Apr 18 j 03:22	9°♎29'35				-120 Oct 28 j 12:59	0°♊		
morning max el	-122 May 04 j 15:05	24°♎08'08	45°51'08			-120 Nov 21 j 19:42	0°♋		
	-122 May 10 j 15:13	0°♏				-120 Dec 16 j 08:54	0°♌		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-119 Jan 10 j 12:32	0° H		morning set	-117 Aug 16 j 01:29	8° Ω 56'57	
asc. node	-119 Jan 24 j 01:31	15° H 36'31			-117 Sep 01 j 22:41	0° M	
	-119 Feb 06 j 00:41	0° Y		max. Earth dist.	-117 Sep 20 j 03:20	22° M 47'24	1.71537 AU
evening max el	-119 Feb 22 j 20:50	17° Y 29'10	45°57'29				
	-119 Mar 08 j 09:12	0° B		superior conj	-117 Sep 22 j 17:06	26° M 01'13	1°15'02
greatest brilliancy	-119 Mar 29 j 08:22	14° B 33'29	-4.5m	minimum elong	-117 Sep 23 j 01:34	26° M 27'48	1°14'50
retrograde	-119 Apr 13 j 01:00	18° B 21'05			-117 Sep 25 j 21:11	0° Ω	
evening set	-119 Apr 28 j 13:26	13° B 41'51			-117 Oct 19 j 18:15	0° M	
inferior conj	-119 May 04 j 11:44	10° B 05'47	2°33'56	desc. node	-117 Oct 31 j 10:38	14° M 40'50	
minimum elong	-119 May 04 j 17:06	9° B 57'19	2°32'26	evening rise	-117 Nov 01 j 22:33	16° M 33'37	
min. Earth dist.	-119 May 04 j 17:17	9° B 57'02	0.29001 AU		-117 Nov 12 j 15:30	0° J	
morning rise	-119 May 10 j 20:51	6° B 14'40			-117 Dec 06 j 14:01	0° B	
desc. node	-119 May 15 j 15:13	3° B 56'32			-117 Dec 30 j 15:15	0° \approx	
direct	-119 May 26 j 03:31	1° B 46'37			-116 Jan 23 j 21:52	0° H	
greatest brilliancy	-119 Jun 08 j 13:07	4° B 54'48	-4.5m		-116 Feb 17 j 14:19	0° Y	
	-119 Jul 12 j 07:12	0° II		asc. node	-116 Feb 21 j 13:22	4° Y 44'56	
morning max el	-119 Jul 13 j 23:26	1° II 35'43	45°50'42		-116 Mar 13 j 23:31	0° B	
	-119 Aug 10 j 09:09	0° B			-116 Apr 09 j 14:52	0° II	
asc. node	-119 Sep 05 j 18:21	0° Ω 03'50		evening max el	-116 May 04 j 09:34	25° II 29'31	45°17'32
	-119 Sep 05 j 17:03	0° Ω			-116 May 09 j 05:02	0° B	
	-119 Sep 30 j 18:25	0° M		greatest brilliancy	-116 Jun 08 j 14:51	21° B 55'29	-4.5m
	-119 Oct 25 j 03:22	0° Ω		desc. node	-116 Jun 12 j 03:17	23° B 17'16	
	-119 Nov 18 j 04:21	0° M		retrograde	-116 Jun 21 j 21:39	25° B 00'28	
	-119 Dec 12 j 02:44	0° J		evening set	-116 Jul 07 j 21:53	20° B 09'01	
desc. node	-119 Dec 26 j 08:16	17° J 50'16		inferior conj	-116 Jul 13 j 06:45	16° B 56'32	-6°-29'-46
	-118 Jan 05 j 01:20	0° B		minimum elong	-116 Jul 12 j 20:43	17° B 12'02	6°27'49
morning set	-118 Jan 15 j 05:04	12° B 42'19		min. Earth dist.	-116 Jul 13 j 11:27	16° B 49'18	0.28692 AU
	-118 Jan 29 j 01:28	0° \approx		morning rise	-116 Jul 17 j 19:15	14° B 12'09	
	-118 Feb 22 j 03:52	0° H		direct	-116 Aug 03 j 20:02	8° B 42'50	
				greatest brilliancy	-116 Aug 18 j 09:16	12° B 25'41	-4.6m
superior conj	-118 Feb 24 j 16:50	3° H 09'11	-1°-24'-51		-116 Sep 11 j 20:25	0° Ω	
minimum elong	-118 Feb 24 j 19:03	3° H 16'04	1°24'52	morning max el	-116 Sep 22 j 18:52	10° Ω 23'02	46°28'27
max. Earth dist.	-118 Feb 28 j 13:54	7° H 57'48	1.72507 AU	asc. node	-116 Oct 03 j 06:10	21° Ω 11'20	
	-118 Mar 18 j 09:10	0° Y			-116 Oct 11 j 09:05	0° M	
evening rise	-118 Apr 04 j 07:13	20° Y 51'06			-116 Nov 06 j 11:51	0° Ω	
	-118 Apr 11 j 17:52	0° B			-116 Dec 01 j 09:54	0° M	
asc. node	-118 Apr 18 j 11:10	8° B 14'44			-116 Dec 25 j 20:39	0° J	
	-118 May 06 j 06:06	0° II			-115 Jan 19 j 03:42	0° B	
	-118 May 30 j 22:06	0° B		desc. node	-115 Jan 22 j 20:08	4° B 33'12	
	-118 Jun 24 j 18:52	0° Ω			-115 Feb 12 j 10:21	0° \approx	
	-118 Jul 19 j 23:01	0° M			-115 Mar 08 j 17:52	0° H	
desc. node	-118 Aug 08 j 00:53	22° M 21'09		morning set	-115 Mar 29 j 18:05	25° H 52'08	
	-118 Aug 14 j 15:42	0° Ω			-115 Apr 02 j 02:41	0° Y	
	-118 Sep 10 j 08:24	0° M			-115 Apr 26 j 12:37	0° B	
evening max el	-118 Sep 30 j 05:56	20° M 52'36	47°11'30				
	-118 Oct 09 j 16:37	0° J		superior conj	-115 May 05 j 19:07	11° B 23'06	0°-23'-45
greatest brilliancy	-118 Nov 08 j 03:38	21° J 16'49	-4.7m	minimum elong	-115 May 05 j 23:52	11° B 37'43	0°23'33
retrograde	-118 Nov 19 j 20:49	23° J 51'47		max. Earth dist.	-115 May 05 j 19:18	11° B 23'40	1.73629 AU
asc. node	-118 Nov 29 j 03:44	22° J 05'22		asc. node	-115 May 15 j 23:08	23° B 52'08	
evening set	-118 Dec 04 j 07:04	19° J 42'48			-115 May 20 j 23:00	0° II	
inferior conj	-118 Dec 10 j 10:54	16° J 05'06	2°52'36	evening rise	-115 Jun 10 j 22:31	25° II 46'13	
minimum elong	-118 Dec 10 j 04:42	16° J 14'39	2°50'41		-115 Jun 14 j 09:09	0° B	
min. Earth dist.	-118 Dec 09 j 19:52	16° J 28'13	0.26486 AU		-115 Jul 08 j 18:59	0° Ω	
morning rise	-118 Dec 16 j 02:40	12° J 44'30			-115 Aug 02 j 05:22	0° M	
direct	-118 Dec 30 j 17:37	8° J 28'19			-115 Aug 26 j 17:50	0° Ω	
greatest brilliancy	-117 Jan 10 j 22:02	10° J 48'11	-4.6m	desc. node	-115 Sep 04 j 12:49	10° Ω 42'53	
	-117 Feb 07 j 13:54	0° B			-115 Sep 20 j 10:14	0° M	
morning max el	-117 Feb 18 j 15:11	10° B 27'15	46°30'36		-115 Oct 15 j 09:28	0° J	
	-117 Mar 09 j 11:36	0° \approx			-115 Nov 09 j 22:54	0° B	
desc. node	-117 Mar 20 j 17:43	12° \approx 18'29			-115 Dec 07 j 01:04	0° \approx	
	-117 Apr 05 j 10:58	0° H		evening max el	-115 Dec 11 j 05:57	4° \approx 21'12	47°12'04
	-117 May 01 j 09:33	0° Y		asc. node	-115 Dec 26 j 15:47	19° \approx 07'49	
	-117 May 26 j 19:17	0° B			-114 Jan 09 j 12:30	0° H	
	-117 Jun 20 j 19:49	0° II		greatest brilliancy	-114 Jan 17 j 04:53	4° H 26'05	-4.6m
asc. node	-117 Jul 11 j 20:45	25° II 33'17		retrograde	-114 Jan 31 j 04:02	8° H 01'54	
	-117 Jul 15 j 11:59	0° B		evening set	-114 Feb 18 j 01:17	1° H 46'34	
	-117 Aug 08 j 20:25	0° Ω		min. Earth dist.	-114 Feb 20 j 15:48	0° H 08'45	0.28242 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-114 Feb 20 j 21:20	30° \mathbb{R} 33		minimum elong	-112 Jul 11 j 13:33	15° \mathbb{G} 13'58	1°01'57
inferior conj	-114 Feb 21 j 05:56	29° \mathbb{A} 46'24	8°36'50		-112 Jul 23 j 11:54	0° \mathcal{O}	
minimum elong	-114 Feb 21 j 06:57	29° \mathbb{A} 44'46	8°36'50		-112 Aug 16 j 15:35	0° \mathbb{M}	
morning rise	-114 Feb 24 j 12:52	27° \mathbb{A} 43'19		evening rise	-112 Aug 17 j 03:24	0° \mathbb{M} 36'44	
direct	-114 Mar 14 j 06:24	21° \mathbb{A} 41'07			-112 Sep 09 j 17:57	0° \mathcal{L}	
greatest brilliancy	-114 Mar 25 j 09:28	23° \mathbb{A} 56'54	-4.5m	desc. node	-112 Oct 02 j 00:49	27° \mathcal{L} 44'04	
	-114 Apr 05 j 20:25	0° \mathbb{H}			-112 Oct 03 j 20:33	0° \mathbb{M}	
desc. node	-114 Apr 17 j 05:29	8° \mathbb{H} 27'30			-112 Oct 28 j 00:38	0° \mathcal{Z}	
morning max el	-114 May 02 j 07:00	21° \mathbb{H} 57'42	45°51'48		-112 Nov 21 j 07:47	0° \mathcal{Z}	
	-114 May 10 j 11:12	0° \mathbb{Y}			-112 Dec 15 j 21:41	0° \mathbb{A}	
	-114 Jun 07 j 15:49	0° \mathbb{B}			-111 Jan 10 j 02:39	0° \mathbb{H}	
	-114 Jul 04 j 01:20	0° \mathbb{I}		asc. node	-111 Jan 23 j 03:29	14° \mathbb{H} 58'34	
	-114 Jul 29 j 11:38	0° \mathbb{G}			-111 Feb 05 j 17:58	0° \mathbb{Y}	
asc. node	-114 Aug 08 j 08:33	11° \mathbb{G} 52'31		evening max el	-111 Feb 20 j 11:16	15° \mathbb{Y} 13'22	45°59'59
	-114 Aug 23 j 05:50	0° \mathcal{O}			-111 Mar 08 j 15:12	0° \mathbb{B}	
	-114 Sep 16 j 12:30	0° \mathbb{M}		greatest brilliancy	-111 Mar 27 j 01:05	12° \mathbb{B} 25'27	-4.5m
	-114 Oct 10 j 11:58	0° \mathcal{L}		retrograde	-111 Apr 10 j 17:23	16° \mathbb{B} 13'47	
morning set	-114 Oct 27 j 11:04	21° \mathcal{L} 20'26		evening set	-111 Apr 26 j 08:02	11° \mathbb{B} 31'41	
	-114 Nov 03 j 08:05	0° \mathbb{M}		inferior conj	-111 May 02 j 04:31	7° \mathbb{B} 58'21	2°52'21
	-114 Nov 27 j 03:37	0° \mathcal{Z}		minimum elong	-111 May 02 j 10:27	7° \mathbb{B} 48'59	2°50'44
desc. node	-114 Nov 27 j 22:30	0° \mathcal{Z} 59'26		min. Earth dist.	-111 May 02 j 10:28	7° \mathbb{B} 48'58	0.28996 AU
				morning rise	-111 May 08 j 12:51	4° \mathbb{B} 07'57	
superior conj	-114 Dec 07 j 19:17	13° \mathcal{Z} 24'21	0°-23'-10	desc. node	-111 May 14 j 17:21	1° \mathbb{B} 16'39	
minimum elong	-114 Dec 07 j 13:09	13° \mathcal{Z} 05'03	0°22'53		-111 May 19 j 14:10	30° \mathbb{R} \mathbb{Y}	
max. Earth dist.	-114 Dec 10 j 11:19	16° \mathcal{Z} 45'41	1.71102 AU	direct	-111 May 23 j 19:25	29° \mathbb{Y} 39'06	
	-114 Dec 21 j 00:07	0° \mathcal{Z}			-111 May 28 j 02:58	0° \mathbb{B}	
	-113 Jan 13 j 22:37	0° \mathbb{A}		greatest brilliancy	-111 Jun 06 j 04:29	2° \mathbb{B} 46'03	-4.5m
evening rise	-113 Jan 18 j 10:08	5° \mathbb{A} 35'59		morning max el	-111 Jul 11 j 14:43	29° \mathbb{B} 24'50	45°49'58
	-113 Feb 07 j 00:17	0° \mathbb{H}			-111 Jul 12 j 05:23	0° \mathbb{I}	
	-113 Mar 03 j 06:49	0° \mathbb{Y}			-111 Aug 10 j 00:37	0° \mathbb{G}	
asc. node	-113 Mar 21 j 01:23	21° \mathbb{Y} 45'08		asc. node	-111 Sep 04 j 20:27	29° \mathbb{G} 31'08	
	-113 Mar 27 j 20:16	0° \mathbb{B}			-111 Sep 05 j 06:16	0° \mathcal{O}	
	-113 Apr 21 j 19:08	0° \mathbb{I}			-111 Sep 30 j 06:38	0° \mathbb{M}	
	-113 May 17 j 07:19	0° \mathbb{G}			-111 Oct 24 j 15:04	0° \mathcal{L}	
	-113 Jun 12 j 17:29	0° \mathcal{O}			-111 Nov 17 j 15:47	0° \mathbb{M}	
desc. node	-113 Jul 10 j 15:06	29° \mathcal{O} 31'29			-111 Dec 11 j 13:58	0° \mathcal{Z}	
	-113 Jul 11 j 02:34	0° \mathbb{M}		desc. node	-111 Dec 25 j 10:19	17° \mathcal{Z} 21'53	
evening max el	-113 Jul 16 j 09:09	5° \mathbb{M} 09'16	45°55'40		-110 Jan 04 j 12:25	0° \mathcal{Z}	
	-113 Aug 16 j 15:02	0° \mathcal{L}		morning set	-110 Jan 12 j 15:06	10° \mathcal{Z} 09'12	
greatest brilliancy	-113 Aug 24 j 01:04	3° \mathcal{L} 25'26	-4.6m		-110 Jan 28 j 12:24	0° \mathbb{A}	
retrograde	-113 Sep 03 j 12:37	5° \mathcal{L} 24'01			-110 Feb 21 j 14:41	0° \mathbb{H}	
	-113 Sep 20 j 11:14	30° \mathbb{R} \mathbb{M}					
evening set	-113 Sep 20 j 16:45	29° \mathbb{M} 52'02		superior conj	-110 Feb 22 j 06:15	0° \mathbb{H} 48'20	-1°-25'-11
inferior conj	-113 Sep 24 j 08:11	27° \mathbb{M} 40'49	-7°-48'-25	minimum elong	-110 Feb 22 j 07:34	0° \mathbb{H} 52'27	1°25'11
minimum elong	-113 Sep 24 j 17:18	27° \mathbb{M} 26'55	7°47'04	max. Earth dist.	-110 Feb 26 j 03:04	5° \mathbb{H} 36'22	1.72449 AU
min. Earth dist.	-113 Sep 25 j 03:43	27° \mathbb{M} 11'02	0.27220 AU		-110 Mar 17 j 19:56	0° \mathbb{Y}	
morning rise	-113 Sep 28 j 17:32	25° \mathbb{M} 03'15		evening rise	-110 Apr 01 j 23:09	18° \mathbb{Y} 39'18	
direct	-113 Oct 15 j 04:22	19° \mathbb{M} 50'35			-110 Apr 11 j 04:40	0° \mathbb{B}	
greatest brilliancy	-113 Oct 28 j 18:44	23° \mathbb{M} 15'06	-4.7m	asc. node	-110 Apr 17 j 13:22	7° \mathbb{B} 48'21	
asc. node	-113 Oct 31 j 17:57	24° \mathbb{M} 46'20			-110 May 05 j 17:02	0° \mathbb{I}	
	-113 Nov 08 j 21:18	0° \mathcal{L}			-110 May 30 j 09:20	0° \mathbb{G}	
morning max el	-113 Dec 04 j 23:38	23° \mathcal{L} 25'23	46°55'57		-110 Jun 24 j 06:40	0° \mathcal{O}	
	-113 Dec 11 j 07:10	0° \mathbb{M}			-110 Jul 19 j 11:48	0° \mathbb{M}	
	-112 Jan 07 j 05:55	0° \mathcal{Z}		desc. node	-110 Aug 07 j 02:52	21° \mathbb{M} 46'26	
	-112 Feb 01 j 20:04	0° \mathcal{Z}			-110 Aug 14 j 06:13	0° \mathcal{L}	
desc. node	-112 Feb 20 j 07:54	22° \mathcal{Z} 04'46			-110 Sep 10 j 02:29	0° \mathbb{M}	
	-112 Feb 26 j 22:09	0° \mathbb{A}		evening max el	-110 Sep 27 j 18:47	18° \mathbb{M} 26'35	47°09'35
	-112 Mar 22 j 19:02	0° \mathbb{H}			-110 Oct 09 j 21:48	0° \mathcal{Z}	
	-112 Apr 16 j 13:15	0° \mathbb{Y}		greatest brilliancy	-110 Nov 05 j 17:45	18° \mathcal{Z} 48'43	-4.7m
	-112 May 11 j 05:26	0° \mathbb{B}		retrograde	-110 Nov 17 j 09:20	21° \mathcal{Z} 22'17	
	-112 Jun 04 j 19:04	0° \mathbb{I}		asc. node	-110 Nov 28 j 05:53	18° \mathcal{Z} 57'27	
morning set	-112 Jun 05 j 16:14	1° \mathbb{I} 04'49		evening set	-110 Dec 01 j 18:33	17° \mathcal{Z} 14'27	
asc. node	-112 Jun 12 j 10:59	9° \mathbb{I} 23'26		inferior conj	-110 Dec 07 j 23:12	13° \mathcal{Z} 36'22	2°29'23
	-112 Jun 29 j 05:19	0° \mathbb{G}		minimum elong	-110 Dec 07 j 17:45	13° \mathcal{Z} 44'44	2°27'40
max. Earth dist.	-112 Jul 08 j 08:00	11° \mathbb{G} 14'27	1.73122 AU	min. Earth dist.	-110 Dec 07 j 09:35	13° \mathcal{Z} 57'14	0.26456 AU
				morning rise	-110 Dec 13 j 17:15	10° \mathcal{Z} 13'07	
superior conj	-112 Jul 11 j 22:14	15° \mathbb{G} 40'48	1°02'14	direct	-110 Dec 28 j 05:34	5° \mathcal{Z} 59'40	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-109 Jan 08 j 12:49	8° ♁ 22'48	-4.6m	desc. node	-107 Sep 03 j 14:59	10° ♁ 12'29	
	-109 Feb 07 j 18:23	0° ♁			-107 Sep 19 j 22:53	0° ♁	
morning max el	-109 Feb 16 j 05:00	8° ♁ 05'20	46°32'12		-107 Oct 14 j 23:15	0° ♁	
	-109 Mar 09 j 05:16	0° ♁			-107 Nov 09 j 14:46	0° ♁	
desc. node	-109 Mar 19 j 19:53	11° ♁ 40'06			-107 Dec 06 j 22:03	0° ♁	
	-109 Apr 05 j 01:15	0° ♁		evening max el	-107 Dec 08 j 22:02	2° ♁ 03'25	47°13'31
	-109 Apr 30 j 22:14	0° ♁		asc. node	-107 Dec 25 j 17:43	18° ♁ 03'58	
	-109 May 26 j 07:05	0° ♁			-106 Jan 10 j 20:37	0° ♁	
	-109 Jun 20 j 07:04	0° ♁		greatest brilliancy	-106 Jan 14 j 22:25	2° ♁ 10'19	-4.6m
asc. node	-109 Jul 10 j 22:45	25° ♁ 05'56		retrograde	-106 Jan 28 j 19:48	5° ♁ 43'34	
	-109 Jul 14 j 22:55	0° ♁			-106 Feb 14 j 20:05	30° ♁	
	-109 Aug 08 j 07:12	0° ♁		evening set	-106 Feb 15 j 16:15	29° ♁ 29'15	
morning set	-109 Aug 13 j 18:06	6° ♁ 45'59		min. Earth dist.	-106 Feb 18 j 05:44	27° ♁ 52'57	0.28186 AU
	-109 Sep 01 j 09:28	0° ♁		inferior conj	-106 Feb 18 j 21:04	27° ♁ 28'40	8°38'05
max. Earth dist.	-109 Sep 17 j 17:03	20° ♁ 25'51	1.71585 AU	minimum elong	-106 Feb 18 j 21:18	27° ♁ 28'18	8°38'04
				morning rise	-106 Feb 22 j 02:37	25° ♁ 27'40	
superior conj	-109 Sep 20 j 07:22	23° ♁ 41'18	1°16'36	direct	-106 Mar 11 j 21:26	19° ♁ 24'37	
minimum elong	-109 Sep 20 j 15:16	24° ♁ 06'07	1°16'27	greatest brilliancy	-106 Mar 22 j 21:13	21° ♁ 37'33	-4.5m
	-109 Sep 25 j 08:03	0° ♁			-106 Apr 06 j 18:42	0° ♁	
	-109 Oct 19 j 05:15	0° ♁		desc. node	-106 Apr 16 j 07:36	7° ♁ 25'41	
evening rise	-109 Oct 30 j 09:15	14° ♁ 01'45		morning max el	-106 Apr 29 j 21:56	19° ♁ 43'33	45°52'37
desc. node	-109 Oct 30 j 12:49	14° ♁ 12'55			-106 May 10 j 07:00	0° ♁	
	-109 Nov 12 j 02:39	0° ♁			-106 Jun 07 j 06:48	0° ♁	
	-109 Dec 06 j 01:19	0° ♁			-106 Jul 03 j 14:21	0° ♁	
	-109 Dec 30 j 02:45	0° ♁			-106 Jul 28 j 23:42	0° ♁	
	-108 Jan 23 j 09:41	0° ♁		asc. node	-106 Aug 07 j 10:36	11° ♁ 22'59	
	-108 Feb 17 j 02:42	0° ♁			-106 Aug 22 j 17:24	0° ♁	
asc. node	-108 Feb 20 j 15:30	4° ♁ 13'51			-106 Sep 15 j 23:49	0° ♁	
	-108 Mar 13 j 13:05	0° ♁			-106 Oct 09 j 23:10	0° ♁	
	-108 Apr 09 j 07:09	0° ♁		morning set	-106 Oct 24 j 23:13	18° ♁ 52'25	
evening max el	-108 May 02 j 02:04	23° ♁ 20'47	45°17'45		-106 Nov 02 j 19:13	0° ♁	
	-108 May 09 j 06:20	0° ♁			-106 Nov 26 j 14:44	0° ♁	
greatest brilliancy	-108 Jun 06 j 03:58	19° ♁ 42'25	-4.5m	desc. node	-106 Nov 27 j 00:33	0° ♁ 30'53	
desc. node	-108 Jun 11 j 05:21	21° ♁ 33'53					
retrograde	-108 Jun 19 j 13:39	22° ♁ 49'52		superior conj	-106 Dec 05 j 04:57	10° ♁ 48'47	0°-19'-17
evening set	-108 Jul 05 j 10:45	18° ♁ 02'12		minimum elong	-106 Dec 04 j 23:47	10° ♁ 32'33	0°19'03
inferior conj	-108 Jul 10 j 22:28	14° ♁ 45'20	-6°-15'-52	max. Earth dist.	-106 Dec 07 j 18:09	14° ♁ 01'14	1.71079 AU
minimum elong	-108 Jul 10 j 12:24	15° ♁ 00'52	6°13'50		-106 Dec 20 j 11:15	0° ♁	
min. Earth dist.	-108 Jul 11 j 02:23	14° ♁ 39'16	0.28716 AU		-105 Jan 13 j 09:47	0° ♁	
morning rise	-108 Jul 15 j 13:50	11° ♁ 56'48		evening rise	-105 Jan 15 j 21:00	3° ♁ 05'06	
direct	-108 Aug 01 j 12:43	6° ♁ 31'25			-105 Feb 06 j 11:30	0° ♁	
greatest brilliancy	-108 Aug 16 j 00:36	10° ♁ 13'12	-4.5m		-105 Mar 02 j 18:11	0° ♁	
	-108 Sep 11 j 23:03	0° ♁		asc. node	-105 Mar 20 j 03:32	21° ♁ 16'26	
morning max el	-108 Sep 20 j 10:38	8° ♁ 08'30	46°26'56		-105 Mar 27 j 07:57	0° ♁	
asc. node	-108 Oct 02 j 08:19	20° ♁ 27'28			-105 Apr 21 j 07:25	0° ♁	
	-108 Oct 11 j 02:02	0° ♁			-105 May 16 j 20:46	0° ♁	
	-108 Nov 06 j 02:01	0° ♁			-105 Jun 12 j 09:18	0° ♁	
	-108 Nov 30 j 22:49	0° ♁		desc. node	-105 Jul 09 j 17:05	28° ♁ 42'30	
	-108 Dec 25 j 08:53	0° ♁			-105 Jul 11 j 00:38	0° ♁	
	-107 Jan 18 j 15:29	0° ♁		evening max el	-105 Jul 13 j 21:52	2° ♁ 47'43	45°53'12
desc. node	-107 Jan 21 j 22:07	4° ♁ 03'04			-105 Aug 18 j 22:51	0° ♁	
	-107 Feb 11 j 21:47	0° ♁		greatest brilliancy	-105 Aug 21 j 13:53	1° ♁ 02'48	-4.6m
	-107 Mar 08 j 05:03	0° ♁		retrograde	-105 Sep 01 j 00:32	3° ♁ 00'57	
morning set	-107 Mar 27 j 10:06	23° ♁ 39'55			-105 Sep 13 j 11:37	30° ♁	
	-107 Apr 01 j 13:38	0° ♁		evening set	-105 Sep 18 j 08:36	27° ♁ 24'34	
	-107 Apr 25 j 23:26	0° ♁		inferior conj	-105 Sep 21 j 21:21	25° ♁ 17'18	-7°-58'-41
				minimum elong	-105 Sep 22 j 05:55	25° ♁ 04'12	7°57'31
superior conj	-107 May 03 j 12:49	9° ♁ 16'54	0°-26'-48	min. Earth dist.	-105 Sep 22 j 17:20	24° ♁ 46'48	0.27282 AU
minimum elong	-107 May 03 j 18:09	9° ♁ 33'16	0°26'34	morning rise	-105 Sep 26 j 02:54	22° ♁ 44'55	
max. Earth dist.	-107 May 03 j 19:03	9° ♁ 36'05	1.73614 AU	direct	-105 Oct 12 j 17:41	17° ♁ 25'53	
asc. node	-107 May 15 j 01:12	23° ♁ 25'23		greatest brilliancy	-105 Oct 26 j 10:37	20° ♁ 52'27	-4.7m
	-107 May 20 j 09:47	0° ♁		asc. node	-105 Oct 30 j 20:02	23° ♁ 12'36	
evening rise	-107 Jun 08 j 17:42	23° ♁ 44'18			-105 Nov 09 j 16:27	0° ♁	
	-107 Jun 13 j 20:02	0° ♁		morning max el	-105 Dec 02 j 12:19	20° ♁ 56'54	46°55'58
	-107 Jul 08 j 06:06	0° ♁			-105 Dec 11 j 03:29	0° ♁	
	-107 Aug 01 j 16:50	0° ♁			-104 Jan 06 j 21:37	0° ♁	
	-107 Aug 26 j 05:47	0° ♁			-104 Feb 01 j 09:48	0° ♁	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-104 Feb 19 j 10:06	21°☾32'47			-102 Sep 09 j 21:23	0°♌	
	-104 Feb 26 j 10:47	0°≈		evening max el	-102 Sep 25 j 08:22	16°♌01'47	47°07'48
	-104 Mar 22 j 06:59	0°✕			-102 Oct 10 j 05:29	0°♏	
	-104 Apr 16 j 00:45	0°♍		greatest brilliancy	-102 Nov 03 j 07:02	16°♏19'00	-4.7m
	-104 May 10 j 16:37	0°♎		retrograde	-102 Nov 14 j 22:13	18°♏51'56	
morning set	-104 Jun 03 j 10:35	29°♎00'18		asc. node	-102 Nov 27 j 07:54	15°♏44'04	
	-104 Jun 04 j 06:05	0°♏		evening set	-102 Nov 29 j 06:16	14°♏44'58	
asc. node	-104 Jun 11 j 13:00	8°♏55'56		inferior conj	-102 Dec 05 j 11:26	11°♏06'34	2°05'41
	-104 Jun 28 j 16:16	0°☾		minimum elong	-102 Dec 05 j 06:47	11°♏13'41	2°04'13
max. Earth dist.	-104 Jul 06 j 03:45	9°☾13'31	1.73166 AU	min. Earth dist.	-102 Dec 04 j 22:55	11°♏25'42	0.26429 AU
				morning rise	-102 Dec 11 j 07:38	7°♏41'02	
superior conj	-104 Jul 09 j 16:29	13°☾35'06	1°00'04	direct	-102 Dec 25 j 18:05	3°♏30'09	
minimum elong	-104 Jul 09 j 07:47	13°☾08'13	0°59'45	greatest brilliancy	-101 Jan 06 j 02:51	5°♏55'40	-4.7m
	-104 Jul 22 j 22:52	0°♏			-101 Feb 07 j 21:30	0°♏	
evening rise	-104 Aug 14 j 19:58	28°♏24'30		morning max el	-101 Feb 13 j 19:21	5°♏43'54	46°33'44
	-104 Aug 16 j 02:42	0°♐			-101 Mar 08 j 22:49	0°≈	
	-104 Sep 09 j 05:17	0°♑		desc. node	-101 Mar 18 j 21:58	11°≈01'09	
desc. node	-104 Oct 01 j 02:56	27°♑14'31			-101 Apr 04 j 15:38	0°✕	
	-104 Oct 03 j 08:11	0°♌			-101 Apr 30 j 11:04	0°♍	
	-104 Oct 27 j 12:38	0°♏			-101 May 25 j 19:03	0°♎	
	-104 Nov 20 j 20:14	0°♏			-101 Jun 19 j 18:32	0°♏	
	-104 Dec 15 j 10:50	0°≈		asc. node	-101 Jul 10 j 00:51	24°♏38'05	
	-103 Jan 09 j 17:11	0°✕			-101 Jul 14 j 10:06	0°☾	
asc. node	-103 Jan 22 j 05:38	14°✕20'01			-101 Aug 07 j 18:17	0°♏	
	-103 Feb 05 j 11:57	0°♍		morning set	-101 Aug 11 j 10:30	4°♏33'33	
evening max el	-103 Feb 18 j 01:27	12°♍56'02	46°02'25		-101 Aug 31 j 20:32	0°♐	
	-103 Mar 09 j 00:09	0°♎		max. Earth dist.	-101 Sep 15 j 04:23	17°♐56'06	1.71631 AU
greatest brilliancy	-103 Mar 24 j 16:36	10°♎14'36	-4.5m				
retrograde	-103 Apr 08 j 09:55	14°♎05'04		superior conj	-101 Sep 17 j 21:27	21°♐20'05	1°18'03
evening set	-103 Apr 24 j 02:35	9°♎19'37		minimum elong	-101 Sep 18 j 04:44	21°♐42'56	1°17'55
inferior conj	-103 Apr 29 j 21:09	5°♎49'12	3°10'41		-101 Sep 24 j 19:11	0°♑	
minimum elong	-103 Apr 30 j 03:37	5°♎39'00	3°08'56		-101 Oct 18 j 16:29	0°♌	
min. Earth dist.	-103 Apr 30 j 03:17	5°♎39'31	0.28996 AU	evening rise	-101 Oct 27 j 19:44	11°♌28'30	
morning rise	-103 May 06 j 04:36	2°♎00'00		desc. node	-101 Oct 29 j 14:46	13°♌43'36	
	-103 May 10 j 04:47	30°♎♐			-101 Nov 11 j 14:00	0°♏	
desc. node	-103 May 13 j 19:23	28°♐39'29			-101 Dec 05 j 12:49	0°♏	
direct	-103 May 21 j 11:20	27°♐29'44			-101 Dec 29 j 14:28	0°≈	
	-103 Jun 02 j 09:30	0°♎			-100 Jan 22 j 21:44	0°✕	
greatest brilliancy	-103 Jun 03 j 20:49	0°♎36'56	-4.5m		-100 Feb 16 j 15:21	0°♍	
morning max el	-103 Jul 09 j 06:44	27°♎14'21	45°49'20	asc. node	-100 Feb 19 j 17:38	3°♐42'10	
	-103 Jul 12 j 03:19	0°♏			-100 Mar 13 j 02:56	0°♎	
	-103 Aug 09 j 16:19	0°☾			-100 Apr 08 j 23:53	0°♏	
asc. node	-103 Sep 03 j 22:40	28°☾57'51		evening max el	-100 Apr 29 j 18:31	21°♏11'32	45°17'57
	-103 Sep 04 j 19:46	0°♏			-100 May 09 j 09:13	0°☾	
	-103 Sep 29 j 19:06	0°♐		greatest brilliancy	-100 Jun 03 j 17:54	17°☾30'01	-4.5m
	-103 Oct 24 j 03:02	0°♑		desc. node	-100 Jun 10 j 07:19	19°☾46'15	
	-103 Nov 17 j 03:29	0°♌		retrograde	-100 Jun 17 j 05:12	20°☾38'44	
	-103 Dec 11 j 01:29	0°♏		evening set	-100 Jul 02 j 23:45	15°☾54'53	
desc. node	-103 Dec 24 j 12:18	16°♏52'20		inferior conj	-100 Jul 08 j 14:09	12°☾33'45	-6°-1'-24
	-102 Jan 03 j 23:46	0°♏		minimum elong	-100 Jul 08 j 04:09	12°☾49'14	5°59'17
morning set	-102 Jan 10 j 01:13	7°♏35'15		min. Earth dist.	-100 Jul 08 j 17:32	12°☾28'30	0.28742 AU
	-102 Jan 27 j 23:35	0°≈		morning rise	-100 Jul 13 j 08:21	9°☾40'54	
				direct	-100 Jul 30 j 05:16	4°☾19'39	
superior conj	-102 Feb 19 j 19:44	28°≈26'45	-1°-25'-20	greatest brilliancy	-100 Aug 13 j 15:15	7°☾59'13	-4.5m
minimum elong	-102 Feb 19 j 20:08	28°≈28'00	1°25'21		-100 Sep 12 j 00:36	0°♏	
	-102 Feb 21 j 01:46	0°✕		morning max el	-100 Sep 18 j 01:31	5°♏51'04	46°25'17
max. Earth dist.	-102 Feb 23 j 15:45	3°✕12'27	1.72391 AU	asc. node	-100 Oct 01 j 10:20	19°♏43'01	
	-102 Mar 17 j 06:58	0°♍			-100 Oct 10 j 18:58	0°♐	
evening rise	-102 Mar 30 j 15:10	16°♐26'59			-100 Nov 05 j 16:17	0°♑	
	-102 Apr 10 j 15:44	0°♎			-100 Nov 30 j 11:50	0°♌	
asc. node	-102 Apr 16 j 15:25	7°♎20'35			-100 Dec 24 j 21:10	0°♏	
	-102 May 05 j 04:17	0°♏			-99 Jan 18 j 03:18	0°♏	
	-102 May 29 j 20:56	0°☾		desc. node	-99 Jan 21 j 00:17	3°♏33'25	
	-102 Jun 23 j 18:53	0°♏			-99 Feb 11 j 09:16	0°≈	
	-102 Jul 19 j 01:04	0°♐			-99 Mar 07 j 16:16	0°✕	
desc. node	-102 Aug 06 j 05:02	21°♐10'54		morning set	-99 Mar 25 j 02:03	21°✕27'17	
	-102 Aug 13 j 21:18	0°♑			-99 Apr 01 j 00:39	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-99 Apr 25 j 10:18	0°♄				-97 Sep 04 j 07:29	30°♄	
				evening set		-97 Sep 16 j 00:20	24°♄58'35	
superior conj	-99 May 01 j 06:35	7°♄10'44	0°-29'-49	inferior conj		-97 Sep 19 j 10:39	22°♄55'02	-8°-7'-51
minimum elong	-99 May 01 j 12:27	7°♄28'46	0°29'33	minimum elong		-97 Sep 19 j 18:38	22°♄42'50	8°06'51
max. Earth dist.	-99 May 01 j 17:53	7°♄45'27	1.73594 AU	min. Earth dist.		-97 Sep 20 j 06:54	22°♄24'07	0.27349 AU
asc. node	-99 May 14 j 03:14	22°♄58'21		morning rise		-97 Sep 23 j 12:33	20°♄27'55	
	-99 May 19 j 20:37	0°♄		direct		-97 Oct 10 j 07:11	15°♄02'17	
evening rise	-99 Jun 06 j 12:55	21°♄42'28		greatest brilliancy		-97 Oct 24 j 03:19	18°♄32'02	-4.7m
	-99 Jun 13 j 06:57	0°♄		asc. node		-97 Oct 29 j 22:05	21°♄43'00	
	-99 Jul 07 j 17:14	0°♄				-97 Nov 10 j 06:27	0°♄	
	-99 Aug 01 j 04:21	0°♄		morning max el		-97 Nov 30 j 01:45	18°♄30'50	46°55'46
	-99 Aug 25 j 17:51	0°♄				-97 Dec 10 j 23:04	0°♄	
desc. node	-99 Sep 02 j 17:02	9°♄41'17				-96 Jan 06 j 13:01	0°♄	
	-99 Sep 19 j 11:44	0°♄				-96 Jan 31 j 23:19	0°♄	
	-99 Oct 14 j 13:18	0°♄		desc. node		-96 Feb 18 j 12:10	21°♄00'54	
	-99 Nov 09 j 07:01	0°♄				-96 Feb 25 j 23:13	0°♄	
evening max el	-99 Dec 06 j 13:05	29°♄42'34	47°15'04			-96 Mar 21 j 18:42	0°♄	
	-99 Dec 06 j 19:55	0°♄				-96 Apr 15 j 11:58	0°♄	
asc. node	-99 Dec 24 j 19:52	16°♄58'51				-96 May 10 j 03:32	0°♄	
greatest brilliancy	-98 Jan 12 j 16:36	29°♄55'01	-4.6m	morning set		-96 Jun 01 j 04:58	26°♄56'43	
	-98 Jan 12 j 20:48	0°♄				-96 Jun 03 j 16:50	0°♄	
retrograde	-98 Jan 26 j 11:05	3°♄24'55		asc. node		-96 Jun 10 j 15:07	8°♄29'39	
	-98 Feb 08 j 08:59	30°♄				-96 Jun 28 j 02:57	0°♄	
evening set	-98 Feb 13 j 06:50	27°♄12'24		max. Earth dist.		-96 Jul 04 j 01:02	7°♄18'07	1.73208 AU
min. Earth dist.	-98 Feb 15 j 19:56	25°♄36'37	0.28126 AU					
inferior conj	-98 Feb 16 j 12:10	25°♄10'51	8°38'28	superior conj		-96 Jul 07 j 10:54	11°♄30'49	0°57'48
minimum elong	-98 Feb 16 j 11:36	25°♄11'45	8°38'28	minimum elong		-96 Jul 07 j 02:14	11°♄04'03	0°57'30
morning rise	-98 Feb 19 j 16:40	23°♄11'19				-96 Jul 22 j 09:34	0°♄	
direct	-98 Mar 09 j 11:55	17°♄08'02		evening rise		-96 Aug 12 j 12:59	26°♄14'37	
greatest brilliancy	-98 Mar 20 j 09:37	19°♄18'47	-4.5m			-96 Aug 15 j 13:31	0°♄	
	-98 Apr 07 j 11:10	0°♄				-96 Sep 08 j 16:19	0°♄	
desc. node	-98 Apr 15 j 09:37	6°♄25'21		desc. node		-96 Sep 30 j 04:56	26°♄45'37	
morning max el	-98 Apr 27 j 11:56	17°♄27'12	45°53'31			-96 Oct 02 j 19:31	0°♄	
	-98 May 10 j 02:08	0°♄				-96 Oct 27 j 00:21	0°♄	
	-98 Jun 06 j 21:29	0°♄				-96 Nov 20 j 08:28	0°♄	
	-98 Jul 03 j 03:11	0°♄				-96 Dec 14 j 23:51	0°♄	
	-98 Jul 28 j 11:36	0°♄				-95 Jan 09 j 07:43	0°♄	
asc. node	-98 Aug 06 j 12:49	10°♄54'21		asc. node		-95 Jan 21 j 07:45	13°♄41'35	
	-98 Aug 22 j 04:50	0°♄				-95 Feb 05 j 06:11	0°♄	
	-98 Sep 15 j 11:02	0°♄		evening max el		-95 Feb 15 j 16:16	10°♄40'42	46°05'06
	-98 Oct 09 j 10:18	0°♄				-95 Mar 09 j 11:58	0°♄	
morning set	-98 Oct 22 j 11:06	16°♄23'42		greatest brilliancy		-95 Mar 22 j 08:09	8°♄04'26	-4.5m
	-98 Nov 02 j 06:20	0°♄		retrograde		-95 Apr 06 j 03:01	11°♄57'00	
desc. node	-98 Nov 26 j 02:35	0°♄02'17		evening set		-95 Apr 21 j 21:13	7°♄08'02	
	-98 Nov 26 j 01:52	0°♄		inferior conj		-95 Apr 27 j 13:43	3°♄40'36	3°28'44
				minimum elong		-95 Apr 27 j 20:42	3°♄29'36	3°26'52
superior conj	-98 Dec 02 j 14:08	8°♄11'44	0°-15'-19	min. Earth dist.		-95 Apr 27 j 19:40	3°♄31'14	0.28992 AU
minimum elong	-98 Dec 02 j 10:01	7°♄58'45	0°15'09	morning rise		-95 May 03 j 20:11	29°♄53'03	
behind sun begin	-98 Dec 01 j 23:44	7°♄26'26				-95 May 03 j 15:12	30°♄	
behind sun end	-98 Dec 02 j 20:17	8°♄31'04		desc. node		-95 May 12 j 21:25	26°♄07'41	
max. Earth dist.	-98 Dec 04 j 19:57	11°♄00'58	1.71059 AU	direct		-95 May 19 j 03:32	25°♄21'04	
	-98 Dec 19 j 22:23	0°♄		greatest brilliancy		-95 Jun 01 j 12:43	28°♄28'21	-4.5m
	-97 Jan 12 j 20:54	0°♄				-95 Jun 04 j 17:25	0°♄	
evening rise	-97 Jan 13 j 07:18	0°♄32'33		morning max el		-95 Jul 06 j 23:33	25°♄06'58	45°48'42
	-97 Feb 05 j 22:38	0°♄				-95 Jul 12 j 00:02	0°♄	
	-97 Mar 02 j 05:25	0°♄				-95 Aug 09 j 07:23	0°♄	
asc. node	-97 Mar 19 j 05:33	20°♄47'42		asc. node		-95 Sep 03 j 00:34	28°♄24'59	
	-97 Mar 26 j 19:30	0°♄				-95 Sep 04 j 08:46	0°♄	
	-97 Apr 20 j 19:36	0°♄				-95 Sep 29 j 07:09	0°♄	
	-97 May 16 j 10:08	0°♄				-95 Oct 23 j 14:35	0°♄	
	-97 Jun 12 j 01:09	0°♄				-95 Nov 16 j 14:46	0°♄	
desc. node	-97 Jul 08 j 19:18	27°♄54'05				-95 Dec 10 j 12:37	0°♄	
	-97 Jul 10 j 23:16	0°♄		desc. node		-95 Dec 23 j 14:29	16°♄24'34	
evening max el	-97 Jul 11 j 10:09	0°♄26'07	45°50'53			-94 Jan 03 j 10:45	0°♄	
greatest brilliancy	-97 Aug 19 j 01:50	28°♄40'31	-4.6m	morning set		-94 Jan 07 j 11:14	5°♄02'03	
	-97 Aug 23 j 14:52	0°♄				-94 Jan 27 j 10:29	0°♄	
retrograde	-97 Aug 29 j 12:55	0°♄39'27						

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-94 Feb 17 j 08:43	26° 40 04'20	-1°-25'-20	greatest brilliancy	-92 Aug 11 j 05:50	5° 50 46'20	-4.5m
minimum elong	-94 Feb 17 j 08:11	26° 40 02'41	1°25'22		-92 Sep 12 j 00:29	0° 00	
	-94 Feb 20 j 12:34	0° 00		morning max el	-92 Sep 15 j 15:36	3° 00 32'53	46°23'39
max. Earth dist.	-94 Feb 21 j 04:04	0° 00 48'09	1.72337 AU	asc. node	-92 Sep 30 j 12:25	19° 00 00'27	
	-94 Mar 16 j 17:44	0° 00			-92 Oct 10 j 11:13	0° 00	
evening rise	-94 Mar 28 j 06:41	14° 00 13'56			-92 Nov 05 j 06:04	0° 00	
	-94 Apr 10 j 02:31	0° 00			-92 Nov 30 j 00:28	0° 00	
asc. node	-94 Apr 15 j 17:25	6° 00 53'37			-92 Dec 24 j 09:08	0° 00	
	-94 May 04 j 15:13	0° 00			-91 Jan 17 j 14:48	0° 00	
	-94 May 29 j 08:13	0° 00		desc. node	-91 Jan 20 j 02:20	3° 00 04'16	
	-94 Jun 23 j 06:48	0° 00			-91 Feb 10 j 20:26	0° 00	
	-94 Jul 18 j 14:03	0° 00			-91 Mar 07 j 03:10	0° 00	
desc. node	-94 Aug 05 j 07:05	20° 00 35'57		morning set	-91 Mar 22 j 18:03	19° 00 15'40	
	-94 Aug 13 j 12:12	0° 00			-91 Mar 31 j 11:22	0° 00	
	-94 Sep 09 j 16:19	0° 00			-91 Apr 24 j 20:55	0° 00	
evening max el	-94 Sep 22 j 22:56	13° 00 40'52	47°05'56				
	-94 Oct 10 j 15:10	0° 00		superior conj	-91 Apr 29 j 00:22	5° 00 05'23	0°-32'-46
greatest brilliancy	-94 Oct 31 j 20:29	13° 00 51'17	-4.7m	minimum elong	-91 Apr 29 j 06:45	5° 00 24'59	0°32'30
retrograde	-94 Nov 12 j 11:24	16° 00 23'11		max. Earth dist.	-91 Apr 29 j 15:08	5° 00 50'45	1.73576 AU
asc. node	-94 Nov 26 j 09:59	12° 00 28'14		asc. node	-91 May 13 j 05:24	22° 00 32'25	
evening set	-94 Nov 26 j 18:23	12° 00 21'06			-91 May 19 j 07:13	0° 00	
inferior conj	-94 Dec 02 j 23:44	8° 00 38'25	1°41'51	evening rise	-91 Jun 04 j 08:01	19° 00 14'05	
minimum elong	-94 Dec 02 j 19:56	8° 00 44'14	1°40'38		-91 Jun 12 j 17:40	0° 00	
min. Earth dist.	-94 Dec 02 j 12:10	8° 00 56'05	0.26404 AU		-91 Jul 07 j 04:12	0° 00	
morning rise	-94 Dec 08 j 21:53	5° 00 10'47			-91 Jul 31 j 15:42	0° 00	
direct	-94 Dec 23 j 06:57	1° 00 02'34			-91 Aug 25 j 05:45	0° 00	
greatest brilliancy	-93 Jan 03 j 15:58	3° 00 28'58	-4.7m	desc. node	-91 Sep 01 j 19:01	9° 00 10'30	
	-93 Feb 07 j 22:37	0° 00			-91 Sep 19 j 00:26	0° 00	
morning max el	-93 Feb 11 j 09:34	3° 00 23'17	46°35'02		-91 Oct 14 j 03:18	0° 00	
	-93 Mar 08 j 15:36	0° 00			-91 Nov 08 j 23:22	0° 00	
desc. node	-93 Mar 17 j 23:56	10° 00 23'21		evening max el	-91 Dec 04 j 03:21	27° 00 19'58	47°16'28
	-93 Apr 04 j 05:32	0° 00			-91 Dec 06 j 18:27	0° 00	
	-93 Apr 29 j 23:32	0° 00		asc. node	-91 Dec 23 j 22:01	15° 00 52'30	
	-93 May 25 j 06:40	0° 00		greatest brilliancy	-90 Jan 10 j 10:43	27° 00 39'46	-4.6m
	-93 Jun 19 j 05:38	0° 00			-90 Jan 16 j 12:49	0° 00	
asc. node	-93 Jul 09 j 02:59	24° 00 11'27		retrograde	-90 Jan 24 j 02:03	1° 00 06'38	
	-93 Jul 13 j 20:55	0° 00			-90 Jan 31 j 09:37	30° 00	
	-93 Aug 07 j 04:59	0° 00		evening set	-90 Feb 10 j 20:57	24° 00 56'33	
morning set	-93 Aug 09 j 02:59	2° 00 22'35		min. Earth dist.	-90 Feb 13 j 10:23	23° 00 20'19	0.28063 AU
	-93 Aug 31 j 07:15	0° 00		inferior conj	-90 Feb 14 j 03:16	22° 00 53'32	8°37'59
max. Earth dist.	-93 Sep 12 j 13:47	15° 00 21'27	1.71679 AU	minimum elong	-90 Feb 14 j 01:53	22° 00 55'45	8°37'58
				morning rise	-90 Feb 17 j 07:04	20° 00 54'59	
superior conj	-93 Sep 15 j 11:53	19° 00 01'04	1°19'22	direct	-90 Mar 07 j 01:53	14° 00 51'48	
minimum elong	-93 Sep 15 j 18:29	19° 00 21'47	1°19'14	greatest brilliancy	-90 Mar 17 j 22:52	17° 00 01'26	-4.5m
	-93 Sep 24 j 06:00	0° 00			-90 Apr 07 j 23:09	0° 00	
	-93 Oct 18 j 03:24	0° 00		desc. node	-90 Apr 14 j 11:42	5° 00 11'27	
evening rise	-93 Oct 25 j 06:32	8° 00 57'16		morning max el	-90 Apr 25 j 01:31	15° 00 10'17	45°54'31
desc. node	-93 Oct 28 j 16:52	13° 00 15'45			-90 May 09 j 20:31	0° 00	
	-93 Nov 11 j 01:01	0° 00			-90 Jun 06 j 11:49	0° 00	
	-93 Dec 04 j 23:59	0° 00			-90 Jul 02 j 15:49	0° 00	
	-93 Dec 29 j 01:49	0° 00			-90 Jul 27 j 23:23	0° 00	
	-92 Jan 22 j 09:25	0° 00		asc. node	-90 Aug 05 j 14:46	10° 00 25'13	
	-92 Feb 16 j 03:40	0° 00			-90 Aug 21 j 16:10	0° 00	
asc. node	-92 Feb 18 j 19:36	3° 00 10'58			-90 Sep 14 j 22:08	0° 00	
	-92 Mar 12 j 16:33	0° 00			-90 Oct 08 j 21:18	0° 00	
	-92 Apr 08 j 16:38	0° 00		morning set	-90 Oct 19 j 23:10	13° 00 15'55	
evening max el	-92 Apr 27 j 10:37	19° 00 12'09	45°18'10		-90 Nov 01 j 17:20	0° 00	
	-92 May 09 j 13:27	0° 00		desc. node	-90 Nov 25 j 04:44	29° 00 13'41	
greatest brilliancy	-92 Jun 01 j 08:47	15° 00 19'34	-4.5m		-90 Nov 25 j 12:54	0° 00	
desc. node	-92 Jun 09 j 09:30	17° 00 55'50					
retrograde	-92 Jun 14 j 20:27	18° 00 28'51		superior conj	-90 Nov 29 j 23:26	5° 00 35'17	0°-11'-20
evening set	-92 Jun 30 j 13:03	13° 00 48'38		minimum elong	-90 Nov 29 j 20:22	5° 00 25'37	0°11'13
inferior conj	-92 Jul 06 j 06:01	10° 00 23'37	-5°-46'-26	behind sun begin	-90 Nov 29 j 00:37	4° 00 23'29	
minimum elong	-92 Jul 05 j 20:07	10° 00 38'59	5°44'17	behind sun end	-90 Nov 30 j 16:06	6° 00 27'45	
min. Earth dist.	-92 Jul 06 j 09:13	10° 00 18'39	0.28763 AU	max. Earth dist.	-90 Dec 01 j 21:12	7° 00 59'17	1.71046 AU
morning rise	-92 Jul 11 j 02:57	7° 00 26'26			-90 Dec 19 j 09:27	0° 00	
direct	-92 Jul 27 j 21:26	2° 00 09'19		evening rise	-89 Jan 10 j 17:37	28° 00 00'06	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-89 Jan 12 j 07:58	0°♊				-87 Aug 08 j 22:28	0°♋		
	-89 Feb 05 j 09:45	0°♌		asc. node		-87 Sep 02 j 02:42	27°♌52'14		
	-89 Mar 01 j 16:39	0°♍				-87 Sep 03 j 21:56	0°♎		
asc. node	-89 Mar 18 j 07:37	20°♍19'13				-87 Sep 28 j 19:27	0°♏		
	-89 Mar 26 j 07:03	0°♐				-87 Oct 23 j 02:27	0°♑		
	-89 Apr 20 j 07:47	0°♒				-87 Nov 16 j 02:24	0°♓		
	-89 May 15 j 23:34	0°♈				-87 Dec 10 j 00:04	0°♈		
	-89 Jun 11 j 17:15	0°♉		desc. node		-87 Dec 22 j 16:31	15°♈55'20		
desc. node	-89 Jul 07 j 21:18	27°♉04'08				-86 Jan 02 j 22:04	0°♉		
evening max el	-89 Jul 08 j 23:02	28°♉06'00	45°48'35	morning set		-86 Jan 04 j 21:02	2°♉27'05		
	-89 Jul 10 j 22:59	0°♊				-86 Jan 26 j 21:40	0°♊		
greatest brilliancy	-89 Aug 16 j 12:47	26°♊17'04	-4.6m						
retrograde	-89 Aug 27 j 01:51	28°♊17'53		superior conj		-86 Feb 14 j 21:21	23°♊39'47	-1°-25'-11	
evening set	-89 Sep 13 j 15:51	22°♊32'39		minimum elong		-86 Feb 14 j 19:53	23°♊35'11	1°25'12	
inferior conj	-89 Sep 16 j 23:55	20°♊32'30	-8°-15'-59	max. Earth dist.		-86 Feb 18 j 18:39	28°♊29'49	1.72284 AU	
minimum elong	-89 Sep 17 j 07:15	20°♊21'19	8°15'11			-86 Feb 19 j 23:40	0°♋		
min. Earth dist.	-89 Sep 17 j 20:06	20°♊01'44	0.27417 AU			-86 Mar 16 j 04:49	0°♌		
morning rise	-89 Sep 20 j 22:20	18°♊10'38		evening rise		-86 Mar 25 j 22:00	11°♌59'11		
direct	-89 Oct 07 j 21:03	12°♊38'31				-86 Apr 09 j 13:40	0°♍		
greatest brilliancy	-89 Oct 21 j 19:53	16°♊11'31	-4.7m	asc. node		-86 Apr 14 j 19:35	6°♍26'03		
asc. node	-89 Oct 29 j 00:12	20°♊16'24				-86 May 04 j 02:32	0°♎		
	-89 Nov 10 j 16:59	0°♏				-86 May 28 j 19:52	0°♏		
morning max el	-89 Nov 27 j 16:04	16°♏06'58	46°55'31			-86 Jun 22 j 19:06	0°♐		
	-89 Dec 10 j 18:11	0°♑				-86 Jul 18 j 03:27	0°♑		
	-88 Jan 06 j 04:15	0°♒		desc. node		-86 Aug 04 j 09:05	19°♑59'41		
	-88 Jan 31 j 12:49	0°♈				-86 Aug 13 j 03:38	0°♒		
desc. node	-88 Feb 17 j 14:06	20°♈28'27				-86 Sep 09 j 12:13	0°♓		
	-88 Feb 25 j 11:42	0°♉		evening max el		-86 Sep 20 j 13:27	11°♓18'41	47°03'43	
	-88 Mar 21 j 06:30	0°♊				-86 Oct 11 j 04:55	0°♈		
	-88 Apr 14 j 23:18	0°♋		greatest brilliancy		-86 Oct 29 j 10:37	11°♈22'33	-4.7m	
	-88 May 09 j 14:33	0°♌		retrograde		-86 Nov 10 j 00:04	13°♈51'56		
morning set	-88 May 29 j 23:30	24°♌53'18		evening set		-86 Nov 24 j 06:30	9°♈46'47		
	-88 Jun 03 j 03:40	0°♍		asc. node		-86 Nov 25 j 12:07	9°♈06'07		
asc. node	-88 Jun 09 j 17:13	8°♍02'58		inferior conj		-86 Nov 30 j 11:47	6°♈08'03	1°17'33	
	-88 Jun 27 j 13:43	0°♎		minimum elong		-86 Nov 30 j 08:52	6°♈12'31	1°16'36	
max. Earth dist.	-88 Jul 02 j 00:01	5°♎27'37	1.73249 AU	min. Earth dist.		-86 Nov 30 j 01:29	6°♈23'47	0.26382 AU	
				morning rise		-86 Dec 06 j 11:40	2°♈38'13		
superior conj	-88 Jul 05 j 05:24	9°♎26'26	0°55'29			-86 Dec 12 j 10:01	30°♈		
minimum elong	-88 Jul 04 j 20:49	8°♎59'56	0°55'10	direct		-86 Dec 20 j 19:29	28°♈32'46		
	-88 Jul 21 j 20:25	0°♉				-86 Dec 29 j 11:40	0°♊		
evening rise	-88 Aug 10 j 06:07	24°♉04'37		greatest brilliancy		-85 Jan 01 j 04:53	0°♊59'45	-4.7m	
	-88 Aug 15 j 00:31	0°♊				-85 Feb 07 j 23:09	0°♋		
	-88 Sep 08 j 03:35	0°♌		morning max el		-85 Feb 08 j 22:44	0°♋58'22	46°36'22	
desc. node	-88 Sep 29 j 07:02	26°♌16'17				-85 Mar 08 j 08:34	0°♍		
	-88 Oct 02 j 07:06	0°♍		desc. node		-85 Mar 17 j 02:08	9°♍45'15		
	-88 Oct 26 j 12:18	0°♎				-85 Apr 03 j 19:43	0°♌		
	-88 Nov 19 j 20:55	0°♈				-85 Apr 29 j 12:20	0°♍		
	-88 Dec 14 j 13:08	0°♉				-85 May 24 j 18:39	0°♌		
	-87 Jan 08 j 22:37	0°♊				-85 Jun 18 j 17:07	0°♎		
asc. node	-87 Jan 20 j 09:42	13°♊01'38		asc. node		-85 Jul 08 j 04:58	23°♎43'09		
	-87 Feb 05 j 01:10	0°♋				-85 Jul 13 j 08:07	0°♏		
evening max el	-87 Feb 13 j 07:58	8°♋26'48	46°07'45	morning set		-85 Aug 06 j 19:44	0°♐11'27		
	-87 Mar 10 j 04:23	0°♌				-85 Aug 06 j 16:03	0°♑		
greatest brilliancy	-87 Mar 20 j 00:22	5°♌54'15	-4.5m			-85 Aug 30 j 18:19	0°♒		
retrograde	-87 Apr 03 j 20:22	9°♌47'45		max. Earth dist.		-85 Sep 09 j 23:34	12°♒47'07	1.71730 AU	
evening set	-87 Apr 19 j 15:56	4°♌55'24							
inferior conj	-87 Apr 25 j 06:12	1°♌30'54	3°46'30	superior conj		-85 Sep 13 j 02:45	16°♒42'34	1°20'30	
minimum elong	-87 Apr 25 j 13:40	1°♌19'10	3°44'34	minimum elong		-85 Sep 13 j 08:40	17°♒01'06	1°20'25	
min. Earth dist.	-87 Apr 25 j 11:42	1°♌22'15	0.28985 AU			-85 Sep 23 j 17:08	0°♓		
	-87 Apr 27 j 16:18	30°♒				-85 Oct 17 j 14:40	0°♓		
morning rise	-87 May 01 j 11:29	27°♒45'17		evening rise		-85 Oct 22 j 17:34	6°♓25'44		
desc. node	-87 May 11 j 23:34	23°♒39'37		desc. node		-85 Oct 27 j 19:01	12°♓46'51		
direct	-87 May 16 j 20:02	23°♒11'32				-85 Nov 10 j 12:27	0°♈		
greatest brilliancy	-87 May 30 j 03:32	26°♒17'41	-4.5m			-85 Dec 04 j 11:35	0°♉		
	-87 Jun 06 j 05:50	0°♈				-85 Dec 28 j 13:39	0°♊		
morning max el	-87 Jul 04 j 16:33	22°♈59'29	45°48'09			-84 Jan 21 j 21:36	0°♋		
	-87 Jul 11 j 20:18	0°♉				-84 Feb 15 j 16:30	0°♌		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-84 Feb 17 j 21:42	2°Υ38'39		-82 Sep 14 j 09:29	0°ྐ	
	-84 Mar 12 j 06:48	0°Ϸ		-82 Oct 08 j 08:32	0°♌	
	-84 Apr 08 j 10:15	0°Π	morning set	-82 Oct 17 j 11:39	11°♌28'53	
evening max el	-84 Apr 25 j 01:44	16°Π48'58 45°18'30		-82 Nov 01 j 04:32	0°♍	
	-84 May 09 j 20:23	0°☿	desc. node	-82 Nov 24 j 06:45	29°♍05'27	
greatest brilliancy	-84 May 29 j 23:08	13°☿07'02 -4.5m		-82 Nov 25 j 00:05	0°♎	
desc. node	-84 Jun 08 j 11:32	15°☿59'46				
retrograde	-84 Jun 12 j 11:27	16°☿17'42	superior conj	-82 Nov 27 j 09:08	2°♎59'37 0°-7'-23	
evening set	-84 Jun 28 j 02:23	11°☿40'39	minimum elong	-82 Nov 27 j 07:08	2°♎53'19 0°07'17	
inferior conj	-84 Jul 03 j 21:49	8°☿12'11 -5°-31'00	behind sun begin	-82 Nov 26 j 06:55	1°♎37'06	
minimum elong	-84 Jul 03 j 12:04	8°☿27'22 5°28'48	behind sun end	-82 Nov 28 j 07:21	4°♎09'31	
min. Earth dist.	-84 Jul 04 j 01:14	8°☿06'53 0.28783 AU	max. Earth dist.	-82 Nov 29 j 02:15	5°♎09'00 1.71033 AU	
morning rise	-84 Jul 08 j 21:26	5°☿10'46		-82 Dec 18 j 20:37	0°♏	
	-84 Jul 24 j 01:44	30°♏II	evening rise	-81 Jan 08 j 04:18	25°♏28'29	
direct	-84 Jul 25 j 13:03	29°II57'29		-81 Jan 11 j 19:09	0°♐	
	-84 Jul 27 j 00:36	0°☿		-81 Feb 04 j 20:59	0°♑	
greatest brilliancy	-84 Aug 08 j 20:58	3°☿32'56 -4.5m		-81 Mar 01 j 04:04	0°Υ	
	-84 Sep 11 j 23:45	0°♑	asc. node	-81 Mar 17 j 09:45	19°Υ50'21	
morning max el	-84 Sep 13 j 05:22	1°♑12'55 46°22'17		-81 Mar 25 j 18:49	0°Ϸ	
asc. node	-84 Sep 29 j 14:33	18°♑17'36		-81 Apr 19 j 20:14	0°Π	
	-84 Oct 10 j 03:31	0°ྐ		-81 May 15 j 13:20	0°☿	
	-84 Nov 04 j 20:03	0°♌		-81 Jun 11 j 09:51	0°♑	
	-84 Nov 29 j 13:21	0°♍	evening max el	-81 Jul 06 j 12:49	25°♑47'44 45°46'24	
	-84 Dec 23 j 21:24	0°♎	desc. node	-81 Jul 06 j 23:19	26°♑12'51	
	-83 Jan 17 j 02:41	0°♏		-81 Jul 11 j 00:05	0°ྐ	
desc. node	-83 Jan 19 j 04:19	2°♏33'47	greatest brilliancy	-81 Aug 13 j 22:52	23°ྐ52'32 -4.5m	
	-83 Feb 10 j 08:01	0°♐	retrograde	-81 Aug 24 j 15:10	25°ྐ55'59	
	-83 Mar 06 j 14:29	0°♑	evening set	-81 Sep 11 j 07:07	20°ྐ06'44	
morning set	-83 Mar 20 j 09:27	17°♑00'50	inferior conj	-81 Sep 14 j 13:08	18°ྐ09'35 -8°-23'-20	
	-83 Mar 30 j 22:29	0°Υ	minimum elong	-81 Sep 14 j 19:47	17°ྐ59'29 8°22'41	
	-83 Apr 24 j 07:54	0°Ϸ	min. Earth dist.	-81 Sep 15 j 08:53	17°ྐ39'31 0.27483 AU	
			morning rise	-81 Sep 18 j 08:09	15°ྐ52'49	
superior conj	-83 Apr 26 j 17:46	2°Ϸ57'41 0°-35'-44	direct	-81 Oct 05 j 11:23	10°ྐ14'30	
minimum elong	-83 Apr 27 j 00:38	3°Ϸ18'48 0°35'26	greatest brilliancy	-81 Oct 19 j 11:40	13°ྐ49'43 -4.6m	
max. Earth dist.	-83 Apr 27 j 10:55	3°Ϸ50'22 1.73554 AU	asc. node	-81 Oct 28 j 02:15	18°ྐ52'13	
asc. node	-83 May 12 j 07:24	22°Ϸ04'52		-81 Nov 11 j 00:53	0°♌	
	-83 May 18 j 18:12	0°Π	morning max el	-81 Nov 25 j 07:18	13°♌45'19 46°55'23	
evening rise	-83 Jun 02 j 02:54	17°Π37'38		-81 Dec 10 j 12:52	0°♍	
	-83 Jun 12 j 04:47	0°☿		-80 Jan 05 j 19:18	0°♎	
	-83 Jul 06 j 15:34	0°♑		-80 Jan 31 j 02:09	0°♏	
	-83 Jul 31 j 03:26	0°ྐ	desc. node	-80 Feb 16 j 16:19	19°♏57'06	
	-83 Aug 24 j 18:01	0°♌		-80 Feb 25 j 00:02	0°♐	
desc. node	-83 Aug 31 j 21:11	8°♌39'13		-80 Mar 20 j 18:12	0°♑	
	-83 Sep 18 j 13:30	0°♍		-80 Apr 14 j 10:36	0°Υ	
	-83 Oct 13 j 17:39	0°♎		-80 May 09 j 01:35	0°Ϸ	
	-83 Nov 08 j 16:13	0°♏	morning set	-80 May 27 j 17:59	22°Ϸ49'42	
evening max el	-83 Dec 01 j 16:59	24°♏55'06 47°17'45		-80 Jun 02 j 14:32	0°Π	
	-83 Dec 06 j 18:13	0°♐	asc. node	-80 Jun 08 j 19:13	7°Π35'54	
asc. node	-83 Dec 22 j 23:56	14°♐43'08		-80 Jun 27 j 00:31	0°☿	
greatest brilliancy	-82 Jan 08 j 03:45	25°♐21'55 -4.6m	max. Earth dist.	-80 Jun 29 j 22:14	3°☿34'50 1.73287 AU	
retrograde	-82 Jan 21 j 16:59	28°♐47'13				
evening set	-82 Feb 08 j 10:34	22°♐39'47	superior conj	-80 Jul 02 j 23:46	7°☿21'36 0°53'05	
min. Earth dist.	-82 Feb 11 j 00:49	21°♐02'31 0.28005 AU	minimum elong	-80 Jul 02 j 15:19	6°☿55'32 0°52'45	
inferior conj	-82 Feb 11 j 18:17	20°♐34'50 8°36'38		-80 Jul 21 j 07:15	0°♑	
minimum elong	-82 Feb 11 j 16:04	20°♐38'21 8°36'33	evening rise	-80 Aug 07 j 23:12	21°♑54'36	
morning rise	-82 Feb 14 j 21:48	18°♐36'46		-80 Aug 14 j 11:32	0°ྐ	
direct	-82 Mar 04 j 15:33	12°♐33'56		-80 Sep 07 j 14:51	0°♌	
greatest brilliancy	-82 Mar 15 j 12:54	14°♐43'37 -4.5m	desc. node	-80 Sep 28 j 09:08	25°♌47'01	
	-82 Apr 08 j 08:34	0°♑		-80 Oct 01 j 18:42	0°♍	
desc. node	-82 Apr 13 j 13:50	4°♑29'26		-80 Oct 26 j 00:17	0°♎	
morning max el	-82 Apr 22 j 15:43	12°♑53'36 45°55'34		-80 Nov 19 j 09:23	0°♏	
	-82 May 09 j 14:51	0°Υ		-80 Dec 14 j 02:25	0°♐	
	-82 Jun 06 j 02:21	0°Ϸ		-79 Jan 08 j 13:32	0°♑	
	-82 Jul 02 j 04:41	0°Π	asc. node	-79 Jan 19 j 11:52	12°♑22'38	
	-82 Jul 27 j 11:24	0°☿		-79 Feb 04 j 20:24	0°Υ	
asc. node	-82 Aug 04 j 16:50	9°☿55'44	evening max el	-79 Feb 11 j 00:29	6°Υ15'33 46°10'26	
	-82 Aug 21 j 03:44	0°♑		-79 Mar 11 j 01:58	0°Ϸ	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-79 Mar 17 j 17:34	3° U 46'24	-4.5m			-77 Aug 30 j 05:05	0° M	
retrograde	-79 Apr 01 j 13:41	7° U 39'34		max. Earth dist.		-77 Sep 07 j 09:59	10° M 15'43	1.71785 AU
evening set	-79 Apr 17 j 10:57	2° U 44'00						
	-79 Apr 21 j 23:02	30° R Y		superior conj		-77 Sep 10 j 17:44	14° M 25'21	1°21'30
inferior conj	-79 Apr 22 j 22:55	29° Y 22'23	4°03'54	minimum elong		-77 Sep 10 j 22:56	14° M 41'40	1°21'26
minimum elong	-79 Apr 23 j 06:47	29° Y 09'59	4°01'53			-77 Sep 23 j 03:59	0° U	
min. Earth dist.	-79 Apr 23 j 03:49	29° Y 14'39	0.28978 AU			-77 Oct 17 j 01:38	0° M	
morning rise	-79 Apr 29 j 02:50	25° Y 38'44		evening rise		-77 Oct 20 j 04:38	3° M 55'21	
desc. node	-79 May 11 j 01:35	21° Y 17'40		desc. node		-77 Oct 26 j 21:00	12° M 18'29	
direct	-79 May 14 j 13:01	21° Y 03'18				-77 Nov 09 j 23:33	0° X	
greatest brilliancy	-79 May 27 j 17:36	24° Y 06'55	-4.5m			-77 Dec 03 j 22:52	0° U	
	-79 Jun 07 j 07:06	0° U				-77 Dec 28 j 01:11	0° \approx	
morning max el	-79 Jul 02 j 09:28	20° U 52'19	45°47'26			-76 Jan 21 j 09:30	0° X	
	-79 Jul 11 j 15:48	0° II				-76 Feb 15 j 05:04	0° Y	
	-79 Aug 08 j 13:14	0° U		asc. node		-76 Feb 16 j 23:51	2° Y 07'25	
asc. node	-79 Sep 01 j 04:52	27° U 20'08				-76 Mar 11 j 20:46	0° U	
	-79 Sep 03 j 10:53	0° U				-76 Apr 08 j 03:45	0° II	
	-79 Sep 28 j 07:32	0° M		evening max el		-76 Apr 22 j 16:32	14° II 36'37	45°19'05
	-79 Oct 22 j 14:07	0° U				-76 May 10 j 05:01	0° U	
	-79 Nov 15 j 13:50	0° M		greatest brilliancy		-76 May 27 j 12:29	10° U 55'19	-4.5m
	-79 Dec 09 j 11:19	0° X		desc. node		-76 Jun 07 j 13:32	14° U 01'44	
desc. node	-79 Dec 21 j 18:31	15° X 26'31		retrograde		-76 Jun 10 j 02:54	14° U 09'10	
morning set	-78 Jan 02 j 06:53	29° X 52'52		evening set		-76 Jun 25 j 16:10	9° U 34'38	
	-78 Jan 02 j 09:10	0° U		inferior conj		-76 Jul 01 j 13:57	6° U 03'10	-5°-15'-16
	-78 Jan 26 j 08:38	0° \approx		minimum elong		-76 Jul 01 j 04:23	6° U 18'01	5°13'02
				min. Earth dist.		-76 Jul 01 j 17:34	5° U 57'32	0.28806 AU
superior conj	-78 Feb 12 j 10:06	21° \approx 16'12	-1°-24'-53	morning rise		-76 Jul 06 j 16:13	2° U 57'46	
minimum elong	-78 Feb 12 j 07:39	21° \approx 08'35	1°24'53			-76 Jul 12 j 14:31	30° R II	
max. Earth dist.	-78 Feb 16 j 10:40	26° \approx 16'38	1.72224 AU	direct		-76 Jul 23 j 04:48	27° II 47'52	
	-78 Feb 19 j 10:32	0° X				-76 Aug 03 j 07:09	0° U	
	-78 Mar 15 j 15:37	0° Y		greatest brilliancy		-76 Aug 06 j 13:31	1° U 23'19	-4.5m
evening rise	-78 Mar 23 j 13:30	9° Y 45'49		morning max el		-76 Sep 10 j 19:52	28° U 56'08	46°20'44
	-78 Apr 09 j 00:29	0° U				-76 Sep 11 j 21:37	0° U	
asc. node	-78 Apr 13 j 21:38	5° U 59'03		asc. node		-76 Sep 28 j 16:34	17° U 36'00	
	-78 May 03 j 13:32	0° II				-76 Oct 09 j 19:13	0° M	
	-78 May 28 j 07:16	0° U				-76 Nov 04 j 09:36	0° U	
	-78 Jun 22 j 07:12	0° U				-76 Nov 29 j 01:51	0° M	
	-78 Jul 17 j 16:44	0° M				-76 Dec 23 j 09:18	0° X	
desc. node	-78 Aug 03 j 11:15	19° M 24'25				-75 Jan 16 j 14:10	0° U	
	-78 Aug 12 j 19:02	0° U		desc. node		-75 Jan 18 j 06:32	2° U 05'08	
	-78 Sep 09 j 08:26	0° M				-75 Feb 09 j 19:12	0° \approx	
evening max el	-78 Sep 18 j 03:29	8° M 56'12	47°01'26			-75 Mar 06 j 01:26	0° X	
	-78 Oct 11 j 22:40	0° X		morning set		-75 Mar 18 j 00:45	14° X 46'37	
greatest brilliancy	-78 Oct 27 j 01:32	8° X 55'46	-4.7m			-75 Mar 30 j 09:14	0° Y	
retrograde	-78 Nov 07 j 12:09	11° X 21'41				-75 Apr 23 j 18:31	0° U	
evening set	-78 Nov 21 j 18:55	7° X 17'16						
asc. node	-78 Nov 24 j 14:06	5° X 42'29		superior conj		-75 Apr 24 j 11:20	0° U 51'39	0°-38'-38
inferior conj	-78 Nov 27 j 23:55	3° X 38'52	0°53'07	minimum elong		-75 Apr 24 j 18:40	1° U 14'10	0°38'18
minimum elong	-78 Nov 27 j 21:54	3° X 41'57	0°52'27	max. Earth dist.		-75 Apr 25 j 05:41	1° U 47'59	1.73529 AU
min. Earth dist.	-78 Nov 27 j 15:16	3° X 52'05	0.26365 AU	asc. node		-75 May 11 j 09:29	21° U 38'39	
morning rise	-78 Dec 04 j 01:16	0° X 06'52				-75 May 18 j 04:49	0° II	
	-78 Dec 04 j 06:27	30° R M		evening rise		-75 May 30 j 22:06	15° II 36'41	
direct	-78 Dec 18 j 07:41	26° M 03'59				-75 Jun 11 j 15:29	0° U	
greatest brilliancy	-78 Dec 29 j 18:40	28° M 32'17	-4.7m			-75 Jul 06 j 02:30	0° U	
	-77 Jan 01 j 23:36	0° X				-75 Jul 30 j 14:45	0° M	
morning max el	-77 Feb 06 j 11:13	28° X 32'23	46°37'47			-75 Aug 24 j 05:56	0° U	
	-77 Feb 07 j 22:16	0° U		desc. node		-75 Aug 30 j 23:15	8° U 08'39	
	-77 Mar 08 j 00:51	0° \approx				-75 Sep 18 j 02:20	0° M	
desc. node	-77 Mar 16 j 04:10	9° \approx 08'03				-75 Oct 13 j 07:54	0° X	
	-77 Apr 03 j 09:24	0° X				-75 Nov 08 j 09:09	0° U	
	-77 Apr 29 j 00:39	0° Y		evening max el		-75 Nov 29 j 07:00	22° U 31'55	47°19'04
	-77 May 24 j 06:10	0° U				-75 Dec 06 j 18:51	0° \approx	
	-77 Jun 18 j 04:10	0° II		asc. node		-75 Dec 22 j 02:07	13° \approx 33'00	
asc. node	-77 Jul 07 j 07:07	23° II 16'31		greatest brilliancy		-74 Jan 05 j 19:45	23° \approx 03'07	-4.6m
	-77 Jul 12 j 18:55	0° U		retrograde		-74 Jan 19 j 08:13	26° \approx 28'11	
morning set	-77 Aug 04 j 12:35	28° U 01'39		evening set		-74 Feb 05 j 23:40	20° \approx 23'42	
	-77 Aug 06 j 02:47	0° U		min. Earth dist.		-74 Feb 08 j 14:54	18° \approx 45'11	0.27946 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-74 Feb 09 j 09:09	18° \approx 16'22	8°34'21	minimum elong	-72 Jun 30 j 09:56	4° \approx 51'55	0°50'17
minimum elong	-74 Feb 09 j 06:08	18° \approx 21'08	8°34'13		-72 Jul 20 j 17:59	0° Ω	
morning rise	-74 Feb 12 j 12:49	16° \approx 18'18		evening rise	-72 Aug 05 j 16:35	19° Ω 45'57	
direct	-74 Mar 02 j 05:10	10° \approx 16'13			-72 Aug 13 j 22:24	0° \cap	
greatest brilliancy	-74 Mar 13 j 02:45	12° \approx 26'11	-4.5m		-72 Sep 07 j 01:57	0° $\underline{\Omega}$	
	-74 Apr 08 j 15:02	0° H		desc. node	-72 Sep 27 j 11:08	25° $\underline{\Omega}$ 17'59	
desc. node	-74 Apr 12 j 15:51	3° H 33'31			-72 Oct 01 j 06:07	0° \cap	
morning max el	-74 Apr 20 j 06:48	10° H 39'52	45°56'45		-72 Oct 25 j 12:06	0° Z	
	-74 May 09 j 08:24	0° Y			-72 Nov 18 j 21:47	0° Z	
	-74 Jun 05 j 16:21	0° B			-72 Dec 13 j 15:44	0° \approx	
	-74 Jul 01 j 17:06	0° II			-71 Jan 08 j 04:42	0° H	
	-74 Jul 26 j 23:00	0° S		asc. node	-71 Jan 18 j 13:59	11° H 42'46	
asc. node	-74 Aug 03 j 19:03	9° S 27'51			-71 Feb 04 j 16:23	0° Y	
	-74 Aug 20 j 14:54	0° Ω		evening max el	-71 Feb 08 j 16:41	4° Y 02'52	46°13'00
greatest brilliancy	-74 Sep 08 j 20:07	23° Ω 45'34	-3.9m		-71 Mar 12 j 08:42	0° B	
	-74 Sep 13 j 20:27	0° \cap		greatest brilliancy	-71 Mar 15 j 11:41	1° B 38'42	-4.5m
	-74 Oct 07 j 19:26	0° $\underline{\Omega}$		retrograde	-71 Mar 30 j 06:19	5° B 29'55	
morning set	-74 Oct 15 j 00:19	9° $\underline{\Omega}$ 03'20		evening set	-71 Apr 15 j 05:49	0° B 31'14	
	-74 Oct 31 j 15:28	0° \cap			-71 Apr 16 j 03:12	30° R Y	
desc. node	-74 Nov 23 j 08:50	28° \cap 37'27		inferior conj	-71 Apr 20 j 15:21	27° Y 12'40	4°21'08
	-74 Nov 24 j 11:04	0° Z		minimum elong	-71 Apr 20 j 23:36	26° Y 59'38	4°19'03
				min. Earth dist.	-71 Apr 20 j 19:53	27° Y 05'30	0.28967 AU
superior conj	-74 Nov 24 j 18:31	0° Z 23'29	0°-3'-21	morning rise	-71 Apr 26 j 17:38	23° Y 31'01	
minimum elong	-74 Nov 24 j 17:36	0° Z 20'35	0°03'19	desc. node	-71 May 10 j 03:39	18° Y 59'05	
behind sun begin	-74 Nov 23 j 15:19	28° \cap 57'50		direct	-71 May 12 j 05:35	18° Y 53'59	
behind sun end	-74 Nov 25 j 19:52	1° Z 43'20		greatest brilliancy	-71 May 25 j 06:32	21° Y 53'55	-4.5m
max. Earth dist.	-74 Nov 26 j 08:56	2° Z 24'24	1.71027 AU		-71 Jun 08 j 01:58	0° B	
	-74 Dec 18 j 07:37	0° Z		morning max el	-71 Jun 30 j 01:21	18° B 42'23	45°46'52
evening rise	-73 Jan 05 j 14:25	22° Z 55'35			-71 Jul 11 j 10:49	0° II	
	-73 Jan 11 j 06:09	0° \approx			-71 Aug 08 j 03:50	0° S	
	-73 Feb 04 j 08:02	0° H		asc. node	-71 Aug 31 j 06:48	26° S 47'27	
	-73 Feb 28 j 15:17	0° Y			-71 Sep 02 j 23:45	0° Ω	
asc. node	-73 Mar 16 j 11:47	19° Y 21'47			-71 Sep 27 j 19:34	0° \cap	
	-73 Mar 25 j 06:25	0° B			-71 Oct 22 j 01:43	0° $\underline{\Omega}$	
	-73 Apr 19 j 08:32	0° II			-71 Nov 15 j 01:10	0° \cap	
	-73 May 15 j 02:59	0° S			-71 Dec 08 j 22:31	0° Z	
	-73 Jun 11 j 02:27	0° Ω		desc. node	-71 Dec 20 j 20:42	14° Z 58'23	
evening max el	-73 Jul 04 j 03:40	23° Ω 33'17	45°44'24	morning set	-71 Dec 30 j 16:51	27° Z 18'58	
desc. node	-73 Jul 06 j 01:33	25° Ω 22'12			-70 Jan 01 j 20:15	0° Z	
	-73 Jul 11 j 02:00	0° \cap			-70 Jan 25 j 19:39	0° \approx	
greatest brilliancy	-73 Aug 11 j 09:13	21° \cap 30'22	-4.5m				
retrograde	-73 Aug 22 j 04:45	23° \cap 36'10		superior conj	-70 Feb 09 j 22:32	18° \approx 51'19	-1°-24'-24
evening set	-73 Sep 08 j 22:30	17° \cap 43'37		minimum elong	-70 Feb 09 j 19:08	18° \approx 40'43	1°24'24
inferior conj	-73 Sep 12 j 02:43	15° \cap 48'56	-8°-29'-42	max. Earth dist.	-70 Feb 14 j 02:02	24° \approx 00'58	1.72170 AU
minimum elong	-73 Sep 12 j 08:37	15° \cap 39'56	8°29'12		-70 Feb 18 j 21:30	0° H	
min. Earth dist.	-73 Sep 12 j 21:43	15° \cap 19'59	0.27548 AU		-70 Mar 15 j 02:34	0° Y	
morning rise	-73 Sep 15 j 18:31	13° \cap 36'50		evening rise	-70 Mar 21 j 04:23	7° Y 29'58	
direct	-73 Oct 03 j 02:24	7° \cap 53'03			-70 Apr 08 j 11:29	0° B	
greatest brilliancy	-73 Oct 17 j 02:30	11° \cap 28'33	-4.6m	asc. node	-70 Apr 12 j 23:39	5° B 31'27	
asc. node	-73 Oct 27 j 04:19	17° \cap 32'19			-70 May 03 j 00:43	0° II	
	-73 Nov 11 j 06:02	0° $\underline{\Omega}$			-70 May 27 j 18:52	0° S	
morning max el	-73 Nov 22 j 22:27	11° $\underline{\Omega}$ 24'31	46°54'46		-70 Jun 21 j 19:31	0° Ω	
	-73 Dec 10 j 06:51	0° \cap			-70 Jul 17 j 06:17	0° \cap	
	-72 Jan 05 j 10:02	0° Z		desc. node	-70 Aug 02 j 13:17	18° \cap 48'02	
	-72 Jan 30 j 15:19	0° Z			-70 Aug 12 j 10:50	0° $\underline{\Omega}$	
desc. node	-72 Feb 15 j 18:22	19° Z 25'34			-70 Sep 09 j 05:27	0° \cap	
	-72 Feb 24 j 12:16	0° \approx		evening max el	-70 Sep 15 j 16:46	6° \cap 31'36	46°59'13
	-72 Mar 20 j 05:48	0° H			-70 Oct 12 j 22:31	0° Z	
	-72 Apr 13 j 21:46	0° Y		greatest brilliancy	-70 Oct 24 j 16:58	6° Z 29'45	-4.7m
	-72 May 08 j 12:29	0° B		retrograde	-70 Nov 04 j 23:56	8° Z 52'01	
morning set	-72 May 25 j 12:21	20° B 46'05		evening set	-70 Nov 19 j 07:41	4° Z 47'46	
	-72 Jun 02 j 01:16	0° II		asc. node	-70 Nov 23 j 16:14	2° Z 17'20	
asc. node	-72 Jun 07 j 21:22	7° II 09'35		min. Earth dist.	-70 Nov 25 j 05:29	1° Z 20'36	0.26349 AU
	-72 Jun 26 j 11:12	0° S		inferior conj	-70 Nov 25 j 12:14	1° Z 10'17	0°28'36
max. Earth dist.	-72 Jun 27 j 18:48	1° S 37'20	1.73319 AU	minimum elong	-70 Nov 25 j 11:09	1° Z 11'57	0°28'15
					-70 Nov 27 j 10:25	30° R \cap	
superior conj	-72 Jun 30 j 18:13	5° S 17'26	0°50'36	morning rise	-70 Dec 01 j 14:49	27° \cap 36'21	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-70 Dec 15 j 19:32	23° \mathbb{M} 35'32		-67 Jun 11 j 02:33	0° \mathfrak{S}	
greatest brilliancy	-70 Dec 27 j 09:22	26° \mathbb{M} 06'10	-4.7m	-67 Jul 05 j 13:49	0° Ω	
	-69 Jan 03 j 22:53	0° \mathfrak{X}		-67 Jul 30 j 02:28	0° \mathfrak{M}	
morning max el	-69 Feb 03 j 23:21	26° \mathfrak{X} 05'16	46°39'03	-67 Aug 23 j 18:16	0° \mathfrak{L}	
	-69 Feb 07 j 20:27	0° \mathfrak{Z}		-67 Aug 30 j 01:14	7° \mathfrak{L} 36'42	
	-69 Mar 07 j 16:59	0° \approx		-67 Sep 17 j 15:36	0° \mathbb{M}	
desc. node	-69 Mar 15 j 06:11	8° \approx 30'41		-67 Oct 12 j 22:39	0° \mathfrak{X}	
	-69 Apr 02 j 23:09	0° \mathfrak{H}		-67 Nov 08 j 02:48	0° \mathfrak{Z}	
	-69 Apr 28 j 13:09	0° \mathfrak{Y}		-67 Nov 26 j 22:02	20° \mathfrak{Z} 10'19	47°20'20
	-69 May 23 j 17:56	0° \mathfrak{B}		-67 Dec 06 j 21:13	0° \approx	
	-69 Jun 17 j 15:28	0° \mathbb{I}		-67 Dec 21 j 04:15	12° \approx 19'41	
asc. node	-69 Jul 06 j 09:14	22° \mathbb{I} 49'01		greatest brilliancy	-66 Jan 03 j 11:10	20° \approx 42'26 -4.7m
	-69 Jul 12 j 05:59	0° \mathfrak{S}		retrograde	-66 Jan 16 j 23:52	24° \approx 07'54
morning set	-69 Aug 02 j 05:12	25° \mathfrak{S} 50'29		evening set	-66 Feb 03 j 12:19	18° \approx 06'52
	-69 Aug 05 j 13:45	0° Ω		min. Earth dist.	-66 Feb 06 j 04:36	16° \approx 27'04 0.27882 AU
	-69 Aug 29 j 16:04	0° \mathfrak{M}		inferior conj	-66 Feb 06 j 23:54	15° \approx 56'39 8°31'08
max. Earth dist.	-69 Sep 04 j 22:53	7° \mathfrak{M} 51'29	1.71841 AU	minimum elong	-66 Feb 06 j 20:06	16° \approx 02'38 8°30'56
				morning rise	-66 Feb 10 j 04:08	13° \approx 58'03
superior conj	-69 Sep 08 j 08:39	12° \mathfrak{M} 07'22	1°22'22	direct	-66 Feb 27 j 19:11	7° \approx 57'26
minimum elong	-69 Sep 08 j 13:07	12° \mathfrak{M} 21'18	1°22'19	greatest brilliancy	-66 Mar 10 j 15:42	10° \approx 06'57 -4.6m
	-69 Sep 22 j 15:04	0° \mathfrak{L}			-66 Apr 08 j 19:45	0° \mathfrak{H}
	-69 Oct 16 j 12:49	0° \mathbb{M}		desc. node	-66 Apr 11 j 17:57	2° \mathfrak{H} 38'19
evening rise	-69 Oct 17 j 15:54	1° \mathbb{M} 24'56		morning max el	-66 Apr 17 j 22:26	8° \mathfrak{H} 26'51 45°57'54
desc. node	-69 Oct 25 j 23:05	11° \mathbb{M} 49'43			-66 May 09 j 01:49	0° \mathfrak{Y}
	-69 Nov 09 j 10:53	0° \mathfrak{X}			-66 Jun 05 j 06:30	0° \mathfrak{B}
	-69 Dec 03 j 10:21	0° \mathfrak{Z}			-66 Jul 01 j 05:48	0° \mathbb{I}
	-69 Dec 27 j 12:52	0° \approx			-66 Jul 26 j 10:57	0° \mathfrak{S}
	-68 Jan 20 j 21:34	0° \mathfrak{H}		asc. node	-66 Aug 02 j 20:59	8° \mathfrak{S} 58'01
	-68 Feb 14 j 17:51	0° \mathfrak{Y}			-66 Aug 20 j 02:27	0° Ω
asc. node	-68 Feb 16 j 01:49	1° \mathfrak{Y} 35'02			-66 Sep 13 j 07:46	0° \mathfrak{M}
	-68 Mar 11 j 11:07	0° \mathfrak{B}		greatest brilliancy	-66 Sep 13 j 08:08	0° \mathfrak{M} 01'09 -3.9m
	-68 Apr 07 j 22:02	0° \mathbb{I}			-66 Oct 07 j 06:41	0° \mathfrak{L}
evening max el	-68 Apr 20 j 07:22	12° \mathbb{I} 23'14	45°19'37	morning set	-66 Oct 12 j 12:55	6° \mathfrak{L} 36'42
	-68 May 10 j 17:32	0° \mathfrak{S}			-66 Oct 31 j 02:43	0° \mathbb{M}
greatest brilliancy	-68 May 25 j 01:05	8° \mathfrak{S} 41'12	-4.5m			
desc. node	-68 Jun 06 j 15:44	11° \mathfrak{S} 57'37		superior conj	-66 Nov 22 j 03:49	27° \mathbb{M} 46'10 0°00'43
retrograde	-68 Jun 07 j 18:40	11° \mathfrak{S} 59'05		minimum elong	-66 Nov 22 j 03:59	27° \mathbb{M} 46'41 0°00'42
evening set	-68 Jun 23 j 05:54	7° \mathfrak{S} 26'38		behind sun begin	-66 Nov 21 j 01:25	26° \mathbb{M} 23'02
inferior conj	-68 Jun 29 j 05:52	3° \mathfrak{S} 52'26	-4°-58'-50	behind sun end	-66 Nov 23 j 06:33	29° \mathbb{M} 10'19
minimum elong	-68 Jun 28 j 20:34	4° \mathfrak{S} 06'51	4°56'37	desc. node	-66 Nov 22 j 10:58	28° \mathbb{M} 08'40
min. Earth dist.	-68 Jun 29 j 09:30	3° \mathfrak{S} 46'46	0.28828 AU	max. Earth dist.	-66 Nov 23 j 17:38	29° \mathbb{M} 45'11 1.71020 AU
morning rise	-68 Jul 04 j 10:48	0° \mathfrak{S} 43'18			-66 Nov 23 j 22:20	0° \mathfrak{X}
	-68 Jul 05 j 17:47	30° \mathbb{R} \mathbb{I}			-66 Dec 17 j 18:55	0° \mathfrak{Z}
direct	-68 Jul 20 j 20:30	25° \mathbb{I} 36'31		evening rise	-65 Jan 03 j 00:30	20° \mathfrak{Z} 21'28
greatest brilliancy	-68 Aug 04 j 06:37	29° \mathbb{I} 13'11	-4.5m		-65 Jan 10 j 17:29	0° \approx
	-68 Aug 05 j 20:51	0° \mathfrak{S}			-65 Feb 03 j 19:25	0° \mathfrak{H}
morning max el	-68 Sep 08 j 11:01	26° \mathfrak{S} 40'08	46°19'17		-65 Feb 28 j 02:49	0° \mathfrak{Y}
	-68 Sep 11 j 19:05	0° Ω		asc. node	-65 Mar 15 j 13:52	18° \mathfrak{Y} 52'34
asc. node	-68 Sep 27 j 18:42	16° Ω 54'15			-65 Mar 24 j 18:17	0° \mathfrak{B}
	-68 Oct 09 j 11:00	0° \mathfrak{M}			-65 Apr 18 j 21:06	0° \mathbb{I}
	-68 Nov 03 j 23:20	0° \mathfrak{L}			-65 May 14 j 16:59	0° \mathfrak{S}
	-68 Nov 28 j 14:35	0° \mathbb{M}			-65 Jun 10 j 19:43	0° Ω
	-68 Dec 22 j 21:25	0° \mathfrak{X}		evening max el	-65 Jul 01 j 18:38	21° Ω 18'07 45°42'08
desc. node	-67 Jan 16 j 01:53	0° \mathfrak{Z}		desc. node	-65 Jul 05 j 03:31	24° Ω 28'52
	-67 Jan 17 j 08:32	1° \mathfrak{Z} 35'02			-65 Jul 11 j 06:01	0° \mathfrak{M}
	-67 Feb 09 j 06:36	0° \approx		greatest brilliancy	-65 Aug 08 j 20:20	19° \mathfrak{M} 07'47 -4.5m
	-67 Mar 05 j 12:34	0° \mathfrak{H}		retrograde	-65 Aug 19 j 17:48	21° \mathfrak{M} 14'48
morning set	-67 Mar 15 j 16:07	12° \mathfrak{H} 31'53		evening set	-65 Sep 06 j 13:28	15° \mathfrak{M} 19'42
	-67 Mar 29 j 20:11	0° \mathfrak{Y}		inferior conj	-65 Sep 09 j 16:12	13° \mathfrak{M} 26'55 -8°-35'-5
				minimum elong	-65 Sep 09 j 21:20	13° \mathfrak{M} 19'05 8°34'43
superior conj	-67 Apr 22 j 04:53	28° \mathfrak{Y} 44'39	0°-41'-27	min. Earth dist.	-65 Sep 10 j 10:34	12° \mathfrak{M} 58'52 0.27611 AU
minimum elong	-67 Apr 22 j 12:39	29° \mathfrak{Y} 08'28	0°41'08	morning rise	-65 Sep 13 j 05:00	11° \mathfrak{M} 19'02
max. Earth dist.	-67 Apr 23 j 01:27	29° \mathfrak{Y} 47'49	1.73511 AU	direct	-65 Sep 30 j 17:16	5° \mathfrak{M} 30'21
	-67 Apr 23 j 05:25	0° \mathfrak{B}		greatest brilliancy	-65 Oct 14 j 16:45	9° \mathfrak{M} 05'13 -4.6m
asc. node	-67 May 10 j 11:38	21° \mathfrak{B} 11'45		asc. node	-65 Oct 26 j 06:27	16° \mathfrak{M} 13'41
	-67 May 17 j 15:44	0° \mathbb{I}			-65 Nov 11 j 09:55	0° \mathfrak{L}
evening rise	-67 May 28 j 17:11	13° \mathbb{I} 34'18		morning max el	-65 Nov 20 j 12:31	8° \mathfrak{L} 59'50 46°54'13

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-65 Dec 10 j 00:48	0°♌					-62 Jul 16 j 19:53	0°♍	
	-64 Jan 05 j 00:53	0°♊			desc. node		-62 Aug 01 j 15:18	18°♍11'31	
	-64 Jan 30 j 04:39	0°♊					-62 Aug 12 j 02:50	0°♌	
desc. node	-64 Feb 14 j 20:20	18°♊53'04					-62 Sep 09 j 03:13	0°♌	
	-64 Feb 24 j 00:42	0°♋			evening max el		-62 Sep 13 j 04:55	4°♌04'15	46°56'41
	-64 Mar 19 j 17:37	0°♋					-62 Oct 14 j 07:54	0°♊	
	-64 Apr 13 j 09:10	0°♎			greatest brilliancy		-62 Oct 22 j 07:43	4°♊02'07	-4.7m
	-64 May 07 j 23:34	0°♏			retrograde		-62 Nov 02 j 11:22	6°♊21'28	
morning set	-64 May 23 j 07:04	18°♏43'02			evening set		-62 Nov 16 j 20:22	2°♊16'33	
	-64 Jun 01 j 12:11	0°♐					-62 Nov 20 j 19:58	30°♌	
asc. node	-64 Jun 06 j 23:27	6°♐42'33			asc. node		-62 Nov 22 j 18:20	28°♌49'37	
max. Earth dist.	-64 Jun 25 j 15:00	29°♐38'14	1.73354 AU		inferior conj		-62 Nov 23 j 00:17	28°♌40'31	0°03'53
	-64 Jun 25 j 22:04	0°♑			minimum elong		-62 Nov 23 j 00:09	28°♌40'44	0°03'50
					transit middle		-62 Nov 23 j 00:09	28°♌40'44	0°03'50
superior conj	-64 Jun 28 j 12:59	3°♑13'49	0°48'05		transit begin		-62 Nov 22 j 20:11	28°♌46'47	
minimum elong	-64 Jun 28 j 04:56	2°♑49'01	0°47'46		transit end		-62 Nov 23 j 04:06	28°♌34'41	
	-64 Jul 20 j 04:56	0°♒			min. Earth dist.		-62 Nov 22 j 19:37	28°♌47'39	0.26345 AU
evening rise	-64 Aug 03 j 10:12	17°♒37'21			morning rise		-62 Nov 29 j 03:57	25°♌05'02	
	-64 Aug 13 j 09:33	0°♑			direct		-62 Dec 13 j 07:03	21°♌05'27	
	-64 Sep 06 j 13:23	0°♑			greatest brilliancy		-62 Dec 25 j 01:01	23°♌40'01	-4.7m
desc. node	-64 Sep 26 j 13:16	24°♑48'21					-61 Jan 05 j 07:25	0°♊	
	-64 Sep 30 j 17:52	0°♌			morning max el		-61 Feb 01 j 11:44	23°♊37'54	46°40'29
	-64 Oct 25 j 00:16	0°♊					-61 Feb 07 j 18:05	0°♊	
	-64 Nov 18 j 10:31	0°♊					-61 Mar 07 j 08:59	0°♋	
	-64 Dec 13 j 05:26	0°♋			desc. node		-61 Mar 14 j 08:22	7°♋53'48	
	-63 Jan 07 j 20:19	0°♋					-61 Apr 02 j 12:49	0°♋	
asc. node	-63 Jan 17 j 15:57	11°♋01'26					-61 Apr 28 j 01:34	0°♎	
	-63 Feb 04 j 13:15	0°♎					-61 May 23 j 05:36	0°♏	
evening max el	-63 Feb 06 j 08:09	1°♎47'30	46°15'36				-61 Jun 17 j 02:41	0°♐	
greatest brilliancy	-63 Mar 13 j 06:12	29°♎31'00	-4.5m		asc. node		-61 Jul 05 j 11:13	22°♐21'24	
	-63 Mar 14 j 06:43	0°♏					-61 Jul 11 j 16:56	0°♑	
retrograde	-63 Mar 27 j 22:41	3°♏20'08			morning set		-61 Jul 30 j 22:20	23°♑41'19	
	-63 Apr 09 j 21:33	30°♌					-61 Aug 05 j 00:36	0°♒	
evening set	-63 Apr 13 j 00:54	28°♎18'17					-61 Aug 29 j 02:55	0°♑	
inferior conj	-63 Apr 18 j 07:57	25°♎02'58	4°37'52		max. Earth dist.		-61 Sep 02 j 15:08	5°♑38'14	1.71896 AU
minimum elong	-63 Apr 18 j 16:32	24°♎49'24	4°35'46						
min. Earth dist.	-63 Apr 18 j 12:23	24°♎55'58	0.28951 AU		superior conj		-61 Sep 06 j 00:09	9°♑51'39	1°23'04
morning rise	-63 Apr 24 j 08:24	21°♎23'28			minimum elong		-61 Sep 06 j 03:51	10°♑03'12	1°23'03
desc. node	-63 May 09 j 05:47	16°♎45'15					-61 Sep 22 j 01:59	0°♌	
direct	-63 May 09 j 21:52	16°♎44'44			evening rise		-61 Oct 15 j 03:42	28°♌56'40	
greatest brilliancy	-63 May 22 j 19:59	19°♎41'22	-4.5m				-61 Oct 15 j 23:53	0°♌	
	-63 Jun 08 j 16:04	0°♏			desc. node		-61 Oct 25 j 01:14	11°♌21'29	
morning max el	-63 Jun 27 j 16:29	16°♏30'30	45°46'25				-61 Nov 08 j 22:08	0°♊	
	-63 Jul 11 j 05:22	0°♐					-61 Dec 02 j 21:50	0°♊	
	-63 Aug 07 j 18:19	0°♑					-61 Dec 27 j 00:36	0°♋	
asc. node	-63 Aug 30 j 08:57	26°♑15'19					-60 Jan 20 j 09:41	0°♋	
	-63 Sep 02 j 12:37	0°♒					-60 Feb 14 j 06:43	0°♎	
	-63 Sep 27 j 07:42	0°♑			asc. node		-60 Feb 15 j 03:57	1°♎03'01	
	-63 Oct 21 j 13:29	0°♌					-60 Mar 11 j 01:36	0°♏	
	-63 Nov 14 j 12:44	0°♌					-60 Apr 07 j 16:41	0°♐	
	-63 Dec 08 j 09:55	0°♊			evening max el		-60 Apr 17 j 22:44	10°♐11'38	45°20'28
desc. node	-63 Dec 19 j 22:44	14°♊29'08					-60 May 11 j 09:57	0°♑	
morning set	-63 Dec 28 j 02:24	24°♊43'02			greatest brilliancy		-60 May 22 j 13:47	6°♑28'03	-4.5m
	-62 Jan 01 j 07:31	0°♊			retrograde		-60 Jun 05 j 11:01	9°♑49'57	
	-62 Jan 25 j 06:48	0°♋			desc. node		-60 Jun 05 j 17:43	9°♑49'52	
					evening set		-60 Jun 20 j 20:00	5°♑19'27	
superior conj	-62 Feb 07 j 10:40	16°♋25'06	-1°-23'-46		inferior conj		-60 Jun 26 j 21:53	1°♑42'35	-4°-42'-8
minimum elong	-62 Feb 07 j 06:20	16°♋11'36	1°23'45		minimum elong		-60 Jun 26 j 12:54	1°♑56'31	4°39'56
max. Earth dist.	-62 Feb 11 j 16:13	21°♋41'16	1.72110 AU		min. Earth dist.		-60 Jun 27 j 01:14	1°♑37'24	0.28846 AU
	-62 Feb 18 j 08:35	0°♋					-60 Jun 29 j 16:29	30°♌	
	-62 Mar 14 j 13:37	0°♎			morning rise		-60 Jul 02 j 05:26	28°♐30'00	
evening rise	-62 Mar 18 j 19:07	5°♎13'17			direct		-60 Jul 18 j 12:49	23°♐26'13	
	-62 Apr 07 j 22:35	0°♏			greatest brilliancy		-60 Aug 01 j 23:35	27°♐04'00	-4.5m
asc. node	-62 Apr 12 j 01:51	5°♏04'07					-60 Aug 07 j 10:56	0°♑	
	-62 May 02 j 12:00	0°♐			morning max el		-60 Sep 06 j 03:05	24°♑27'36	46°17'55
	-62 May 27 j 06:32	0°♑					-60 Sep 11 j 15:28	0°♒	
	-62 Jun 21 j 07:53	0°♒			asc. node		-60 Sep 26 j 20:48	16°♒13'50	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-60 Oct 09 j 02:13	0°♎			-57 Apr 18 j 09:29	0°♈	
	-60 Nov 03 j 12:38	0°♏			-57 May 14 j 06:53	0°♑	
	-60 Nov 28 j 02:58	0°♍			-57 Jun 10 j 13:01	0°♊	
	-60 Dec 22 j 09:18	0°♐		evening max el	-57 Jun 29 j 08:58	19°♏02'22	45°40'05
	-59 Jan 15 j 13:26	0°♑		desc. node	-57 Jul 04 j 05:33	23°♏35'37	
desc. node	-59 Jan 16 j 10:33	1°♑05'34			-57 Jul 11 j 11:25	0°♎	
	-59 Feb 08 j 17:52	0°♏		greatest brilliancy	-57 Aug 06 j 08:32	16°♎47'50	-4.5m
	-59 Mar 04 j 23:35	0°♏		retrograde	-57 Aug 17 j 06:35	18°♎55'07	
morning set	-59 Mar 13 j 06:52	10°♏15'24		evening set	-57 Sep 04 j 04:16	12°♎58'06	
	-59 Mar 29 j 07:01	0°♎		inferior conj	-57 Sep 07 j 05:51	11°♎06'43	-8°-39'-34
				minimum elong	-57 Sep 07 j 10:09	11°♎00'09	8°39'20
superior conj	-59 Apr 19 j 21:55	26°♎36'29	0°-44'-16	min. Earth dist.	-57 Sep 07 j 23:47	10°♎39'16	0.27671 AU
minimum elong	-59 Apr 20 j 06:04	27°♎01'33	0°43'57	morning rise	-57 Sep 10 j 15:51	9°♎02'38	
max. Earth dist.	-59 Apr 20 j 22:21	27°♎51'35	1.73485 AU	direct	-57 Sep 28 j 07:40	3°♎09'22	
	-59 Apr 22 j 16:09	0°♏		greatest brilliancy	-57 Oct 12 j 07:15	6°♎43'36	-4.6m
asc. node	-59 May 09 j 13:39	20°♏45'04		asc. node	-57 Oct 25 j 08:30	14°♎58'30	
	-59 May 17 j 02:28	0°♈			-57 Nov 11 j 11:44	0°♏	
evening rise	-59 May 26 j 12:02	11°♈31'58		morning max el	-57 Nov 18 j 01:47	6°♏34'17	46°53'41
	-59 Jun 10 j 13:24	0°♑			-57 Dec 09 j 17:56	0°♍	
	-59 Jul 05 j 00:55	0°♊			-56 Jan 04 j 15:08	0°♐	
	-59 Jul 29 j 13:58	0°♎			-56 Jan 29 j 17:28	0°♑	
	-59 Aug 23 j 06:23	0°♏		desc. node	-56 Feb 13 j 22:33	18°♑22'43	
desc. node	-59 Aug 29 j 03:24	7°♏06'09			-56 Feb 23 j 12:39	0°♏	
	-59 Sep 17 j 04:37	0°♍			-56 Mar 19 j 05:01	0°♏	
	-59 Oct 12 j 13:11	0°♐			-56 Apr 12 j 20:12	0°♎	
	-59 Nov 07 j 20:23	0°♑			-56 May 07 j 10:22	0°♏	
evening max el	-59 Nov 24 j 13:43	17°♑51'30	47°21'17	morning set	-56 May 21 j 01:24	16°♏39'39	
	-59 Dec 07 j 00:40	0°♏			-56 May 31 j 22:49	0°♈	
asc. node	-59 Dec 20 j 06:10	11°♏04'37		asc. node	-56 Jun 06 j 01:27	6°♈16'04	
greatest brilliancy	-58 Jan 01 j 02:36	18°♏22'26	-4.7m	max. Earth dist.	-56 Jun 23 j 09:32	27°♈34'56	1.73387 AU
retrograde	-58 Jan 14 j 15:28	21°♏47'42			-56 Jun 25 j 08:39	0°♑	
evening set	-58 Feb 01 j 00:31	15°♏50'39					
min. Earth dist.	-58 Feb 03 j 17:56	14°♏09'17	0.27821 AU	superior conj	-56 Jun 26 j 07:25	1°♑10'09	0°45'29
inferior conj	-58 Feb 04 j 14:29	13°♏36'57	8°27'03	minimum elong	-56 Jun 25 j 23:39	0°♑46'11	0°45'10
minimum elong	-58 Feb 04 j 09:55	13°♏44'09	8°26'44		-56 Jul 19 j 15:35	0°♊	
morning rise	-58 Feb 07 j 19:36	11°♏37'17		evening rise	-56 Aug 01 j 03:39	15°♊29'17	
direct	-58 Feb 25 j 09:37	5°♏38'50			-56 Aug 12 j 20:22	0°♎	
greatest brilliancy	-58 Mar 08 j 03:58	7°♏47'03	-4.6m		-56 Sep 06 j 00:29	0°♏	
	-58 Apr 08 j 22:36	0°♏		desc. node	-56 Sep 25 j 15:20	24°♏19'32	
desc. node	-58 Apr 10 j 20:04	1°♏44'36			-56 Sep 30 j 05:19	0°♍	
morning max el	-58 Apr 15 j 14:04	6°♏14'08	45°59'00		-56 Oct 24 j 12:08	0°♐	
	-58 May 08 j 18:43	0°♎			-56 Nov 17 j 22:59	0°♑	
	-58 Jun 04 j 20:17	0°♏			-56 Dec 12 j 18:52	0°♏	
	-58 Jun 30 j 18:08	0°♈			-55 Jan 07 j 11:44	0°♏	
	-58 Jul 25 j 22:31	0°♑		asc. node	-55 Jan 16 j 18:08	10°♏21'32	
asc. node	-58 Aug 01 j 23:06	8°♑29'49		evening max el	-55 Feb 03 j 22:33	29°♏30'39	46°18'14
	-58 Aug 19 j 13:36	0°♊			-55 Feb 04 j 10:20	0°♎	
	-58 Sep 12 j 18:44	0°♎		greatest brilliancy	-55 Mar 10 j 23:50	27°♎23'11	-4.5m
greatest brilliancy	-58 Sep 16 j 05:52	4°♎19'18	-3.9m		-55 Mar 17 j 15:40	0°♏	
	-58 Oct 06 j 17:35	0°♏		retrograde	-55 Mar 25 j 14:50	1°♏11'33	
morning set	-58 Oct 10 j 02:00	4°♏12'41			-55 Apr 02 j 07:37	30°♎♎	
	-58 Oct 30 j 13:37	0°♍		evening set	-55 Apr 10 j 19:58	26°♎06'08	
				inferior conj	-55 Apr 16 j 00:34	22°♎54'20	4°54'11
superior conj	-58 Nov 19 j 13:44	25°♍11'59	0°04'43	minimum elong	-55 Apr 16 j 09:24	22°♎40'19	4°52'04
minimum elong	-58 Nov 19 j 15:00	25°♍15'57	0°04'39	min. Earth dist.	-55 Apr 16 j 05:00	22°♎47'18	0.28941 AU
behind sun begin	-58 Nov 18 j 13:18	23°♍55'01		morning rise	-55 Apr 21 j 23:02	19°♎17'11	
behind sun end	-58 Nov 20 j 16:42	26°♍36'51		direct	-55 May 07 j 13:45	14°♎36'15	
max. Earth dist.	-58 Nov 21 j 01:51	27°♍05'42	1.71010 AU	desc. node	-55 May 08 j 07:47	14°♎36'54	
desc. node	-58 Nov 21 j 12:59	27°♍40'42		greatest brilliancy	-55 May 20 j 10:38	17°♎31'01	-4.5m
	-58 Nov 23 j 09:14	0°♐			-55 Jun 09 j 02:13	0°♏	
	-58 Dec 17 j 05:49	0°♑		morning max el	-55 Jun 25 j 07:28	14°♏18'48	45°45'58
evening rise	-58 Dec 31 j 10:55	17°♑49'37			-55 Jul 10 j 23:14	0°♈	
	-57 Jan 10 j 04:24	0°♏			-55 Aug 07 j 08:26	0°♑	
	-57 Feb 03 j 06:26	0°♏		asc. node	-55 Aug 29 j 11:05	25°♑43'55	
	-57 Feb 27 j 14:02	0°♎			-55 Sep 02 j 01:12	0°♊	
asc. node	-57 Mar 14 j 15:59	18°♎24'18			-55 Sep 26 j 19:32	0°♎	
	-57 Mar 24 j 05:54	0°♏			-55 Oct 21 j 00:56	0°♏	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-55 Nov 13 j 23:58	0°♌		greatest brilliancy	-52 May 20 j 03:11	4°♊16'07	-4.5m
	-55 Dec 07 j 21:01	0°♏		retrograde	-52 Jun 03 j 03:34	7°♊41'00	
desc. node	-55 Dec 19 j 00:44	14°♏00'41		desc. node	-52 Jun 04 j 19:45	7°♊37'42	
morning set	-55 Dec 25 j 11:55	22°♏07'43		evening set	-52 Jun 18 j 10:21	3°♊12'27	
	-55 Dec 31 j 18:31	0°♐			-52 Jun 23 j 20:28	30°♏	
	-54 Jan 24 j 17:42	0°♑		inferior conj	-52 Jun 24 j 13:56	29°♏32'55	-4°-25'-7
				minimum elong	-52 Jun 24 j 05:19	29°♏46'17	4°22'56
superior conj	-54 Feb 04 j 22:49	13°♑59'40	-1°-22'-58	min. Earth dist.	-52 Jun 24 j 16:45	29°♏28'33	0.28865 AU
minimum elong	-54 Feb 04 j 17:34	13°♑43'17	1°22'55	morning rise	-52 Jun 30 j 00:01	26°♏16'57	
max. Earth dist.	-54 Feb 09 j 03:53	19°♑14'28	1.72048 AU	direct	-52 Jul 16 j 05:36	21°♏16'17	
	-54 Feb 17 j 19:23	0°♒		greatest brilliancy	-52 Jul 30 j 15:43	24°♏53'56	-4.5m
	-54 Mar 14 j 00:22	0°♓			-52 Aug 08 j 13:33	0°♐	
evening rise	-54 Mar 16 j 09:49	2°♓57'23		morning max el	-52 Sep 03 j 19:19	22°♐15'24	46°16'19
	-54 Apr 07 j 09:23	0°♈			-52 Sep 11 j 11:20	0°♑	
asc. node	-54 Apr 11 j 03:51	4°♈37'04		asc. node	-52 Sep 25 j 22:48	15°♑33'06	
	-54 May 01 j 23:01	0°♏			-52 Oct 08 j 17:24	0°♒	
	-54 May 26 j 18:01	0°♐			-52 Nov 03 j 02:01	0°♑	
	-54 Jun 20 j 20:09	0°♑			-52 Nov 27 j 15:27	0°♌	
	-54 Jul 16 j 09:30	0°♒			-52 Dec 21 j 21:16	0°♏	
desc. node	-54 Jul 31 j 17:28	17°♒35'28			-51 Jan 15 j 01:02	0°♐	
	-54 Aug 11 j 18:58	0°♑		desc. node	-51 Jan 15 j 12:45	0°♐36'25	
	-54 Sep 09 j 01:40	0°♌			-51 Feb 08 j 05:10	0°♑	
evening max el	-54 Sep 10 j 16:56	1°♌37'18	46°54'22		-51 Mar 04 j 10:40	0°♒	
	-54 Oct 16 j 08:55	0°♏		morning set	-51 Mar 10 j 21:30	7°♒58'21	
greatest brilliancy	-54 Oct 19 j 21:30	1°♏34'03	-4.7m		-51 Mar 28 j 17:56	0°♓	
retrograde	-54 Oct 30 j 23:08	3°♏51'47					
	-54 Nov 13 j 22:15	30°♏		superior conj	-51 Apr 17 j 14:57	24°♓27'56	0°-47'-2
evening set	-54 Nov 14 j 09:15	29°♏45'33		minimum elong	-51 Apr 17 j 23:28	24°♓54'07	0°46'41
inferior conj	-54 Nov 20 j 12:19	26°♏11'16	0°-20'-48	max. Earth dist.	-51 Apr 18 j 20:13	25°♓57'54	1.73457 AU
minimum elong	-54 Nov 20 j 13:07	26°♏10'03	0°20'34		-51 Apr 22 j 02:59	0°♈	
min. Earth dist.	-54 Nov 20 j 09:25	26°♏15'42	0.26345 AU	asc. node	-51 May 08 j 15:42	20°♈18'07	
asc. node	-54 Nov 21 j 20:19	25°♏22'37			-51 May 16 j 13:19	0°♏	
morning rise	-54 Nov 26 j 16:55	22°♏34'48		evening rise	-51 May 24 j 06:58	9°♏29'33	
direct	-54 Dec 10 j 18:52	18°♏35'48			-51 Jun 10 j 00:21	0°♐	
greatest brilliancy	-54 Dec 22 j 16:33	21°♏14'27	-4.7m		-51 Jul 04 j 12:07	0°♑	
	-53 Jan 06 j 06:34	0°♏			-51 Jul 29 j 01:38	0°♒	
morning max el	-53 Jan 30 j 01:05	21°♏13'25	46°41'53		-51 Aug 22 j 18:43	0°♑	
	-53 Feb 07 j 14:45	0°♐		desc. node	-51 Aug 28 j 05:27	6°♑34'32	
	-53 Mar 07 j 00:32	0°♑			-51 Sep 16 j 17:59	0°♌	
desc. node	-53 Mar 13 j 10:22	7°♑17'15			-51 Oct 12 j 04:12	0°♏	
	-53 Apr 02 j 02:11	0°♒			-51 Nov 07 j 14:45	0°♐	
	-53 Apr 27 j 13:45	0°♓		evening max el	-51 Nov 22 j 05:41	15°♐32'18	47°22'13
	-53 May 22 j 17:04	0°♈			-51 Dec 07 j 06:23	0°♑	
	-53 Jun 16 j 13:44	0°♏		asc. node	-51 Dec 19 j 08:21	9°♑46'40	
asc. node	-53 Jul 04 j 13:21	21°♏54'34		greatest brilliancy	-51 Dec 29 j 19:09	16°♑02'43	-4.7m
	-53 Jul 11 j 03:47	0°♐		retrograde	-50 Jan 12 j 06:53	19°♑26'01	
morning set	-53 Jul 28 j 15:23	21°♐32'10		evening set	-50 Jan 29 j 12:25	13°♑33'42	
	-53 Aug 04 j 11:24	0°♑		min. Earth dist.	-50 Feb 01 j 07:16	11°♑50'10	0.27753 AU
	-53 Aug 28 j 13:46	0°♒		inferior conj	-50 Feb 02 j 04:56	11°♑16'04	8°22'11
max. Earth dist.	-53 Aug 31 j 06:45	3°♒23'01	1.71950 AU	minimum elong	-50 Feb 01 j 23:39	11°♑24'23	8°21'44
				morning rise	-50 Feb 05 j 11:13	9°♑14'46	
superior conj	-53 Sep 03 j 15:28	7°♒35'25	1°23'39	direct	-50 Feb 23 j 00:03	3°♑19'22	
minimum elong	-53 Sep 03 j 18:24	7°♒44'35	1°23'38	greatest brilliancy	-50 Mar 05 j 15:33	5°♑25'24	-4.6m
	-53 Sep 21 j 12:55	0°♑			-50 Apr 09 j 00:15	0°♒	
evening rise	-53 Oct 12 j 15:18	26°♑27'53		desc. node	-50 Apr 09 j 22:05	0°♒51'11	
	-53 Oct 15 j 10:57	0°♌		morning max el	-50 Apr 13 j 04:50	3°♒58'39	46°00'04
desc. node	-53 Oct 24 j 03:12	10°♌52'46			-50 May 08 j 11:29	0°♓	
	-53 Nov 08 j 09:22	0°♏			-50 Jun 04 j 10:09	0°♈	
	-53 Dec 02 j 09:15	0°♐			-50 Jun 30 j 06:38	0°♏	
	-53 Dec 26 j 12:17	0°♑			-50 Jul 25 j 10:16	0°♐	
	-52 Jan 19 j 21:47	0°♒		asc. node	-50 Aug 01 j 01:15	8°♐01'04	
	-52 Feb 13 j 19:37	0°♓			-50 Aug 19 j 00:58	0°♑	
asc. node	-52 Feb 14 j 06:03	0°♓30'56			-50 Sep 12 j 05:55	0°♒	
	-52 Mar 10 j 16:13	0°♈		greatest brilliancy	-50 Sep 18 j 12:07	7°♒48'51	-3.9m
	-52 Apr 07 j 11:48	0°♏			-50 Oct 06 j 04:45	0°♑	
evening max el	-52 Apr 15 j 14:58	8°♏02'20	45°21'25	morning set	-50 Oct 07 j 15:07	1°♑48'01	
	-52 May 12 j 08:02	0°♐			-50 Oct 30 j 00:49	0°♌	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-50 Nov 16 j 23:28	22° \mathbb{M} 36'12	0°08'41	morning rise	-47 Apr 19 j 13:31	17° Υ 09'49	
minimum elong	-50 Nov 17 j 01:48	22° \mathbb{M} 43'30	0°08'35	direct	-47 May 05 j 05:18	12° Υ 26'11	
behind sun begin	-50 Nov 16 j 02:57	21° \mathbb{M} 31'34		desc. node	-47 May 07 j 09:52	12° Υ 31'40	
behind sun end	-50 Nov 18 j 00:38	23° \mathbb{M} 55'26		greatest brilliancy	-47 May 18 j 01:58	15° Υ 20'14	-4.5m
max. Earth dist.	-50 Nov 18 j 05:57	24° \mathbb{M} 12'09	1.71007 AU		-47 Jun 09 j 10:08	0° \mathcal{B}	
desc. node	-50 Nov 20 j 15:04	27° \mathbb{M} 11'54		morning max el	-47 Jun 22 j 22:56	12° \mathcal{B} 07'15	45°45'40
	-50 Nov 22 j 20:28	0° \mathcal{A}			-47 Jul 10 j 17:03	0° \mathbb{I}	
	-50 Dec 16 j 17:04	0° \mathcal{B}			-47 Aug 06 j 22:44	0° \mathcal{C}	
evening rise	-50 Dec 28 j 20:41	15° \mathcal{B} 14'31		asc. node	-47 Aug 28 j 13:01	25° \mathcal{C} 11'02	
	-49 Jan 09 j 15:41	0° \approx			-47 Sep 01 j 14:02	0° \mathcal{D}	
	-49 Feb 02 j 17:47	0° \mathcal{H}			-47 Sep 26 j 07:39	0° \mathbb{M}	
	-49 Feb 27 j 01:36	0° Υ			-47 Oct 20 j 12:40	0° \mathcal{E}	
asc. node	-49 Mar 13 j 17:59	17° Υ 54'43			-47 Nov 13 j 11:28	0° \mathbb{M}	
	-49 Mar 23 j 17:51	0° \mathcal{B}			-47 Dec 07 j 08:22	0° \mathcal{A}	
	-49 Apr 17 j 22:14	0° \mathbb{I}		desc. node	-47 Dec 18 j 02:57	13° \mathcal{A} 32'05	
	-49 May 13 j 21:14	0° \mathcal{C}		morning set	-47 Dec 22 j 21:44	19° \mathcal{A} 32'27	
	-49 Jun 10 j 07:04	0° \mathcal{D}			-47 Dec 31 j 05:47	0° \mathcal{B}	
evening max el	-49 Jun 26 j 22:37	16° \mathcal{D} 44'18	45°38'07		-46 Jan 24 j 04:54	0° \approx	
desc. node	-49 Jul 03 j 07:47	22° \mathcal{D} 40'53					
	-49 Jul 11 j 19:24	0° \mathbb{M}		superior conj	-46 Feb 02 j 10:51	11° \approx 32'46	-1°-22'00
greatest brilliancy	-49 Aug 03 j 21:18	14° \mathbb{M} 28'09	-4.5m	minimum elong	-46 Feb 02 j 04:41	11° \approx 13'31	1°21'56
retrograde	-49 Aug 14 j 19:17	16° \mathbb{M} 35'35		max. Earth dist.	-46 Feb 06 j 13:21	16° \approx 39'45	1.71994 AU
evening set	-49 Sep 01 j 18:51	10° \mathbb{M} 37'09			-46 Feb 17 j 06:32	0° \mathcal{H}	
inferior conj	-49 Sep 04 j 19:45	8° \mathbb{M} 46'42	-8°-43'-6		-46 Mar 13 j 11:29	0° Υ	
minimum elong	-49 Sep 04 j 23:10	8° \mathbb{M} 41'26	8°42'57	evening rise	-46 Mar 14 j 00:15	0° Υ 39'24	
min. Earth dist.	-49 Sep 05 j 13:30	8° \mathbb{M} 19'28	0.27732 AU		-46 Apr 06 j 20:34	0° \mathcal{B}	
morning rise	-49 Sep 08 j 03:18	6° \mathbb{M} 45'56		asc. node	-46 Apr 10 j 05:54	4° \mathcal{B} 09'02	
direct	-49 Sep 25 j 21:48	0° \mathbb{M} 48'21			-46 May 01 j 10:26	0° \mathbb{I}	
greatest brilliancy	-49 Oct 09 j 22:34	4° \mathbb{M} 22'52	-4.6m		-46 May 26 j 05:52	0° \mathcal{C}	
asc. node	-49 Oct 24 j 10:33	13° \mathbb{M} 44'56			-46 Jun 20 j 08:49	0° \mathcal{D}	
	-49 Nov 11 j 12:35	0° \mathcal{E}			-46 Jul 15 j 23:33	0° \mathbb{M}	
morning max el	-49 Nov 15 j 14:30	4° \mathcal{E} 06'30	46°53'00	desc. node	-46 Jul 30 j 19:30	16° \mathbb{M} 57'45	
	-49 Dec 09 j 11:06	0° \mathbb{M}			-46 Aug 11 j 11:42	0° \mathcal{E}	
	-48 Jan 04 j 05:39	0° \mathcal{A}		evening max el	-46 Sep 08 j 05:53	29° \mathcal{E} 12'05	46°52'02
	-48 Jan 29 j 06:39	0° \mathcal{B}			-46 Sep 09 j 01:24	0° \mathbb{M}	
desc. node	-48 Feb 13 j 00:33	17° \mathcal{B} 50'27		greatest brilliancy	-46 Oct 17 j 10:41	29° \mathbb{M} 05'00	-4.7m
	-48 Feb 23 j 01:00	0° \approx			-46 Oct 20 j 01:00	0° \mathcal{A}	
	-48 Mar 18 j 16:49	0° \mathcal{H}		retrograde	-46 Oct 28 j 11:39	1° \mathcal{A} 22'00	
	-48 Apr 12 j 07:35	0° Υ			-46 Nov 05 j 15:35	30° \mathcal{H}	
	-48 May 06 j 21:28	0° \mathcal{B}		evening set	-46 Nov 11 j 22:30	27° \mathbb{M} 14'06	
morning set	-48 May 18 j 19:42	14° \mathcal{B} 35'06		inferior conj	-46 Nov 18 j 00:27	23° \mathbb{M} 41'43	0°-45'-29
	-48 May 31 j 09:47	0° \mathbb{I}		minimum elong	-46 Nov 18 j 02:11	23° \mathbb{M} 39'04	0°44'56
asc. node	-48 Jun 05 j 03:36	5° \mathbb{I} 49'05		min. Earth dist.	-46 Nov 17 j 22:58	23° \mathbb{M} 43'57	0.26346 AU
max. Earth dist.	-48 Jun 21 j 04:50	25° \mathbb{I} 32'56	1.73420 AU	asc. node	-46 Nov 20 j 22:28	21° \mathbb{M} 56'24	
				morning rise	-46 Nov 24 j 05:48	20° \mathbb{M} 04'47	
superior conj	-48 Jun 24 j 02:04	29° \mathbb{I} 06'04	0°42'50	direct	-46 Dec 08 j 07:18	16° \mathbb{M} 06'01	
minimum elong	-48 Jun 23 j 18:35	28° \mathbb{I} 43'00	0°42'31	greatest brilliancy	-46 Dec 20 j 07:13	18° \mathbb{M} 47'41	-4.7m
	-48 Jun 24 j 19:35	0° \mathcal{C}			-45 Jan 06 j 23:53	0° \mathcal{A}	
	-48 Jul 19 j 02:35	0° \mathcal{D}		morning max el	-45 Jan 27 j 15:21	18° \mathcal{A} 50'48	46°43'11
evening rise	-48 Jul 29 j 21:31	13° \mathcal{D} 21'35			-45 Feb 07 j 10:55	0° \mathcal{B}	
	-48 Aug 12 j 07:33	0° \mathbb{M}			-45 Mar 06 j 16:03	0° \approx	
	-48 Sep 05 j 11:55	0° \mathcal{E}		desc. node	-45 Mar 12 j 12:25	6° \approx 40'27	
desc. node	-48 Sep 24 j 17:21	23° \mathcal{E} 49'39			-45 Apr 01 j 15:41	0° \mathcal{H}	
	-48 Sep 29 j 17:05	0° \mathbb{M}			-45 Apr 27 j 02:08	0° Υ	
	-48 Oct 24 j 00:20	0° \mathcal{A}			-45 May 22 j 04:46	0° \mathcal{B}	
	-48 Nov 17 j 11:50	0° \mathcal{B}			-45 Jun 16 j 01:02	0° \mathbb{I}	
	-48 Dec 12 j 08:48	0° \approx		asc. node	-45 Jul 03 j 15:28	21° \mathbb{I} 27'01	
	-47 Jan 07 j 03:52	0° \mathcal{H}			-45 Jul 10 j 14:51	0° \mathcal{C}	
asc. node	-47 Jan 15 j 20:12	9° \mathcal{H} 39'24		morning set	-45 Jul 26 j 08:33	19° \mathcal{C} 22'56	
evening max el	-47 Feb 01 j 12:28	27° \mathcal{H} 10'54	46°20'54		-45 Aug 03 j 22:23	0° \mathcal{D}	
	-47 Feb 04 j 08:52	0° Υ			-45 Aug 28 j 00:47	0° \mathbb{M}	
greatest brilliancy	-47 Mar 08 j 16:48	25° Υ 12'45	-4.5m	max. Earth dist.	-45 Aug 28 j 21:38	1° \mathbb{M} 05'09	1.72005 AU
retrograde	-47 Mar 23 j 07:13	29° Υ 01'29					
evening set	-47 Apr 08 j 15:04	23° Υ 52'08		superior conj	-45 Sep 01 j 07:01	5° \mathbb{M} 19'25	1°24'06
inferior conj	-47 Apr 13 j 17:09	20° Υ 44'09	5°10'09	minimum elong	-45 Sep 01 j 09:10	5° \mathbb{M} 26'08	1°24'05
minimum elong	-47 Apr 14 j 02:13	20° Υ 29'46	5°08'03		-45 Sep 21 j 00:02	0° \mathcal{E}	
min. Earth dist.	-47 Apr 13 j 21:34	20° Υ 37'08	0.28928 AU	evening rise	-45 Oct 10 j 03:11	23° \mathcal{E} 59'22	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-45 Oct 14 j 22:13	0°♌		morning max el	-42 Apr 10 j 18:39	1°♋41'06	46°01'18
desc. node	-45 Oct 23 j 05:20	10°♌23'58			-42 May 08 j 03:47	0°♍	
	-45 Nov 07 j 20:48	0°♎			-42 Jun 03 j 23:44	0°♌	
	-45 Dec 01 j 20:52	0°♏			-42 Jun 29 j 18:55	0°♍	
	-45 Dec 26 j 00:07	0°♐			-42 Jul 24 j 21:53	0°♎	
asc. node	-44 Jan 19 j 10:01	0°♋		asc. node	-42 Jul 31 j 03:13	7°♎32'07	
	-44 Feb 13 j 08:03	29°♋58'04			-42 Aug 18 j 12:12	0°♏	
	-44 Feb 13 j 08:42	0°♍			-42 Sep 11 j 17:00	0°♐	
	-44 Mar 10 j 07:07	0°♌		greatest brilliancy	-42 Sep 20 j 11:40	10°♐58'03	-3.9m
	-44 Apr 07 j 07:40	0°♍		morning set	-42 Oct 05 j 04:19	29°♐24'01	
evening max el	-44 Apr 13 j 07:49	5°♌54'02	45°22'16		-42 Oct 05 j 15:46	0°♎	
	-44 May 13 j 15:07	0°♏			-42 Oct 29 j 11:50	0°♌	
greatest brilliancy	-44 May 17 j 18:00	2°♏05'30	-4.5m				
retrograde	-44 May 31 j 20:02	5°♏31'34		superior conj	-42 Nov 14 j 09:20	20°♌01'25	0°12'39
desc. node	-44 Jun 03 j 21:57	5°♏20'24		minimum elong	-42 Nov 14 j 12:41	20°♌11'56	0°12'28
evening set	-44 Jun 16 j 01:01	1°♏05'08		behind sun begin	-42 Nov 13 j 19:21	19°♌17'21	
	-44 Jun 17 j 23:00	30°♌11		behind sun end	-42 Nov 15 j 06:01	21°♌06'31	
inferior conj	-44 Jun 22 j 06:05	27°♌23'03	-4°-7'-42	max. Earth dist.	-42 Nov 15 j 08:40	21°♌14'51	1.71008 AU
minimum elong	-44 Jun 21 j 21:52	27°♌35'48	4°05'35	desc. node	-42 Nov 19 j 17:12	26°♌43'50	
min. Earth dist.	-44 Jun 22 j 08:30	27°♌19'18	0.28880 AU		-42 Nov 22 j 07:32	0°♎	
morning rise	-44 Jun 27 j 18:33	24°♌03'38			-42 Dec 16 j 04:10	0°♏	
direct	-44 Jul 13 j 22:28	19°♌06'24		evening rise	-42 Dec 26 j 06:26	12°♏39'44	
greatest brilliancy	-44 Jul 28 j 06:42	22°♌42'13	-4.5m		-41 Jan 09 j 02:50	0°♐	
	-44 Aug 09 j 09:09	0°♏			-41 Feb 02 j 05:02	0°♋	
morning max el	-44 Sep 01 j 11:07	20°♏02'05	46°14'42		-41 Feb 26 j 13:01	0°♍	
	-44 Sep 11 j 06:41	0°♏		asc. node	-41 Mar 12 j 20:06	17°♍25'59	
asc. node	-44 Sep 25 j 00:58	14°♏53'04			-41 Mar 23 j 05:40	0°♌	
	-44 Oct 08 j 08:25	0°♐			-41 Apr 17 j 10:49	0°♍	
	-44 Nov 02 j 15:20	0°♎			-41 May 13 j 11:28	0°♏	
	-44 Nov 27 j 03:57	0°♌			-41 Jun 10 j 01:15	0°♏	
	-44 Dec 21 j 09:15	0°♎		evening max el	-41 Jun 24 j 11:44	14°♏25'43	45°36'08
desc. node	-43 Jan 14 j 14:45	0°♏06'32		desc. node	-41 Jul 02 j 09:44	21°♏45'02	
	-43 Jan 14 j 12:38	0°♏			-41 Jul 12 j 05:54	0°♐	
	-43 Feb 07 j 16:28	0°♐		greatest brilliancy	-41 Aug 01 j 09:24	12°♐08'26	-4.5m
	-43 Mar 03 j 21:43	0°♋		retrograde	-41 Aug 12 j 08:08	14°♐17'04	
morning set	-43 Mar 08 j 12:21	5°♋41'53		evening set	-41 Aug 30 j 09:02	8°♐17'28	
	-43 Mar 28 j 04:49	0°♍		inferior conj	-41 Sep 02 j 09:41	6°♐27'29	-8°-45'-39
				minimum elong	-41 Sep 02 j 12:15	6°♐23'33	8°45'34
superior conj	-43 Apr 15 j 08:08	22°♍19'53	0°-49'-42	min. Earth dist.	-41 Sep 03 j 03:23	6°♐00'21	0.27795 AU
minimum elong	-43 Apr 15 j 16:56	22°♍46'57	0°49'22	morning rise	-41 Sep 05 j 15:14	4°♐29'37	
max. Earth dist.	-43 Apr 16 j 19:06	24°♍07'25	1.73429 AU		-41 Sep 14 j 18:32	30°♌01	
	-43 Apr 21 j 13:48	0°♌		direct	-41 Sep 23 j 11:49	28°♏27'56	
asc. node	-43 May 07 j 17:53	19°♌51'39			-41 Oct 02 j 12:36	0°♐	
	-43 May 16 j 00:09	0°♍		greatest brilliancy	-41 Oct 07 j 15:02	2°♐04'24	-4.6m
evening rise	-43 May 22 j 01:56	7°♌27'11		asc. node	-41 Oct 23 j 12:42	12°♐34'14	
	-43 Jun 09 j 11:20	0°♏			-41 Nov 11 j 12:03	0°♎	
	-43 Jul 03 j 23:22	0°♏		morning max el	-41 Nov 13 j 03:46	1°♎40'48	46°52'23
	-43 Jul 28 j 13:19	0°♐			-41 Dec 09 j 03:40	0°♌	
	-43 Aug 22 j 07:05	0°♎			-40 Jan 03 j 19:44	0°♎	
desc. node	-43 Aug 27 j 07:26	6°♎02'48			-40 Jan 28 j 19:27	0°♏	
	-43 Sep 16 j 07:23	0°♌		desc. node	-40 Feb 12 j 02:34	17°♏19'09	
	-43 Oct 11 j 19:19	0°♎			-40 Feb 22 j 13:01	0°♐	
	-43 Nov 07 j 09:30	0°♏			-40 Mar 18 j 04:19	0°♋	
evening max el	-43 Nov 19 j 21:16	13°♏12'06	47°22'52		-40 Apr 11 j 18:42	0°♍	
	-43 Dec 07 j 14:18	0°♐			-40 May 06 j 08:18	0°♌	
asc. node	-43 Dec 18 j 10:28	8°♐26'05		morning set	-40 May 16 j 14:08	12°♌31'45	
greatest brilliancy	-43 Dec 27 j 12:41	13°♐44'08	-4.7m		-40 May 30 j 20:26	0°♍	
retrograde	-42 Jan 09 j 21:54	17°♐04'03		asc. node	-40 Jun 04 j 05:41	5°♌22'47	
evening set	-42 Jan 27 j 00:03	11°♐17'14		max. Earth dist.	-40 Jun 19 j 02:21	23°♌38'46	1.73451 AU
min. Earth dist.	-42 Jan 29 j 20:58	9°♐30'29	0.27682 AU				
inferior conj	-42 Jan 30 j 19:22	8°♐55'13	8°16'18	superior conj	-40 Jun 21 j 20:53	27°♌03'30	0°40'08
minimum elong	-42 Jan 30 j 13:23	9°♐04'37	8°15'44	minimum elong	-40 Jun 21 j 13:43	26°♌41'27	0°39'50
morning rise	-42 Feb 03 j 03:06	6°♐51'41			-40 Jun 24 j 06:12	0°♏	
direct	-42 Feb 20 j 14:04	1°♐00'00			-40 Jul 18 j 13:18	0°♏	
greatest brilliancy	-42 Mar 03 j 03:29	3°♐04'05	-4.6m	evening rise	-40 Jul 27 j 15:39	11°♏15'44	
desc. node	-42 Apr 09 j 00:12	29°♐59'21			-40 Aug 11 j 18:28	0°♐	
	-42 Apr 09 j 00:28	0°♋			-40 Sep 04 j 23:06	0°♎	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-40 Sep 23 j 19:29	23°♄20'48			-37 May 21 j 16:10	0°♄	
	-40 Sep 29 j 04:38	0°♄			-37 Jun 15 j 12:02	0°♄	
	-40 Oct 23 j 12:21	0°♄		asc. node	-37 Jul 02 j 17:26	20°♄59'53	
	-40 Nov 17 j 00:30	0°♄			-37 Jul 10 j 01:39	0°♄	
	-40 Dec 11 j 22:34	0°♄		morning set	-37 Jul 24 j 01:56	17°♄15'20	
	-39 Jan 06 j 19:57	0°♄			-37 Aug 03 j 09:05	0°♄	
asc. node	-39 Jan 14 j 22:11	8°♄57'23		max. Earth dist.	-37 Aug 26 j 11:06	28°♄43'55	1.72055 AU
evening max el	-39 Jan 30 j 02:37	24°♄52'31	46°23'37		-37 Aug 27 j 11:29	0°♄	
	-39 Feb 04 j 07:59	0°♄					
greatest brilliancy	-39 Mar 06 j 08:41	23°♄01'31	-4.5m	superior conj	-37 Aug 29 j 22:58	3°♄05'47	1°24'23
retrograde	-39 Mar 20 j 23:54	26°♄51'54		minimum elong	-37 Aug 30 j 00:20	3°♄10'02	1°24'23
evening set	-39 Apr 06 j 10:03	21°♄38'17			-37 Sep 20 j 10:49	0°♄	
inferior conj	-39 Apr 11 j 09:34	18°♄34'15	5°25'44	evening rise	-37 Oct 07 j 15:26	21°♄33'02	
minimum elong	-39 Apr 11 j 18:50	18°♄19'34	5°23'39		-37 Oct 14 j 09:10	0°♄	
min. Earth dist.	-39 Apr 11 j 13:47	18°♄27'35	0.28915 AU	desc. node	-37 Oct 22 j 07:27	9°♄56'08	
morning rise	-39 Apr 17 j 03:44	15°♄03'10			-37 Nov 07 j 07:57	0°♄	
direct	-39 May 02 j 20:53	10°♄16'19			-37 Dec 01 j 08:14	0°♄	
desc. node	-39 May 06 j 12:01	10°♄31'18			-37 Dec 25 j 11:46	0°♄	
greatest brilliancy	-39 May 15 j 17:25	13°♄10'18	-4.5m		-36 Jan 18 j 22:08	0°♄	
	-39 Jun 09 j 15:24	0°♄		asc. node	-36 Feb 12 j 10:12	29°♄26'01	
morning max el	-39 Jun 20 j 15:13	9°♄58'38	45°45'34		-36 Feb 12 j 21:42	0°♄	
	-39 Jul 10 j 10:06	0°♄			-36 Mar 09 j 22:04	0°♄	
	-39 Aug 06 j 12:31	0°♄			-36 Apr 07 j 03:58	0°♄	
asc. node	-39 Aug 27 j 15:12	24°♄40'09		evening max el	-36 Apr 11 j 00:14	3°♄45'09	45°23'13
	-39 Sep 01 j 02:26	0°♄		greatest brilliancy	-36 May 15 j 09:27	29°♄56'06	-4.5m
	-39 Sep 25 j 19:24	0°♄			-36 May 15 j 12:53	0°♄	
	-39 Oct 20 j 00:05	0°♄		retrograde	-36 May 29 j 11:52	3°♄22'26	
	-39 Nov 12 j 22:42	0°♄		desc. node	-36 Jun 02 j 23:55	2°♄58'36	
	-39 Dec 06 j 19:28	0°♄			-36 Jun 11 j 16:09	30°♄	
desc. node	-39 Dec 17 j 04:56	13°♄03'36		evening set	-36 Jun 13 j 15:47	28°♄58'01	
morning set	-39 Dec 20 j 07:10	16°♄56'40		inferior conj	-36 Jun 19 j 22:09	25°♄13'42	-3°-49'-52
	-39 Dec 30 j 16:47	0°♄		minimum elong	-36 Jun 19 j 14:24	25°♄25'45	3°47'51
	-38 Jan 23 j 15:49	0°♄		min. Earth dist.	-36 Jun 20 j 00:32	25°♄09'59	0.28892 AU
				morning rise	-36 Jun 25 j 12:52	21°♄50'44	
superior conj	-38 Jan 30 j 22:22	9°♄05'04	-1°-20'-51	direct	-36 Jul 11 j 15:00	16°♄56'57	
minimum elong	-38 Jan 30 j 15:20	8°♄43'06	1°20'47	greatest brilliancy	-36 Jul 25 j 20:50	20°♄29'49	-4.5m
max. Earth dist.	-38 Feb 03 j 22:49	14°♄05'51	1.71940 AU		-36 Aug 09 j 23:30	0°♄	
	-38 Feb 16 j 17:22	0°♄		morning max el	-36 Aug 30 j 02:05	17°♄47'27	46°13'17
evening rise	-38 Mar 11 j 14:26	28°♄21'36			-36 Sep 11 j 01:16	0°♄	
	-38 Mar 12 j 22:18	0°♄		asc. node	-36 Sep 24 j 03:03	14°♄13'57	
	-38 Apr 06 j 07:28	0°♄			-36 Oct 07 j 22:58	0°♄	
asc. node	-38 Apr 09 j 08:05	3°♄42'17			-36 Nov 02 j 04:18	0°♄	
	-38 Apr 30 j 21:34	0°♄			-36 Nov 26 j 16:06	0°♄	
	-38 May 25 j 17:28	0°♄			-36 Dec 20 j 20:57	0°♄	
	-38 Jun 19 j 21:11	0°♄		desc. node	-35 Jan 13 j 16:46	29°♄37'27	
	-38 Jul 15 j 13:19	0°♄			-35 Jan 14 j 00:02	0°♄	
desc. node	-38 Jul 29 j 21:33	16°♄21'01			-35 Feb 07 j 03:36	0°♄	
	-38 Aug 11 j 04:19	0°♄			-35 Mar 03 j 08:39	0°♄	
evening max el	-38 Sep 05 j 19:33	26°♄50'03	46°49'33	morning set	-35 Mar 06 j 02:38	3°♄24'01	
	-38 Sep 09 j 01:46	0°♄			-35 Mar 27 j 15:36	0°♄	
greatest brilliancy	-38 Oct 14 j 23:14	26°♄36'09	-4.7m				
retrograde	-38 Oct 26 j 00:15	28°♄52'30		superior conj	-35 Apr 13 j 00:50	20°♄10'38	0°-52'-20
evening set	-38 Nov 09 j 11:49	24°♄42'51		minimum elong	-35 Apr 13 j 09:53	20°♄38'30	0°52'01
inferior conj	-38 Nov 15 j 12:23	21°♄12'21	-1°-10'-13	max. Earth dist.	-35 Apr 14 j 16:53	22°♄13'51	1.73395 AU
minimum elong	-38 Nov 15 j 15:03	21°♄08'17	1°09'21		-35 Apr 21 j 00:30	0°♄	
min. Earth dist.	-38 Nov 15 j 12:09	21°♄12'42	0.26354 AU	asc. node	-35 May 06 j 19:53	19°♄25'00	
asc. node	-38 Nov 20 j 00:34	18°♄32'09			-35 May 15 j 10:52	0°♄	
morning rise	-38 Nov 21 j 18:15	17°♄35'11		evening rise	-35 May 19 j 20:29	5°♄23'54	
direct	-38 Dec 05 j 20:02	13°♄36'30			-35 Jun 08 j 22:11	0°♄	
greatest brilliancy	-38 Dec 17 j 21:08	16°♄20'10	-4.7m		-35 Jul 03 j 10:31	0°♄	
	-37 Jan 07 j 12:41	0°♄			-35 Jul 28 j 00:56	0°♄	
morning max el	-37 Jan 25 j 05:43	16°♄28'48	46°44'22		-35 Aug 21 j 19:24	0°♄	
	-37 Feb 07 j 06:19	0°♄		desc. node	-35 Aug 26 j 09:37	5°♄31'49	
	-37 Mar 06 j 07:08	0°♄			-35 Sep 15 j 20:44	0°♄	
desc. node	-37 Mar 11 j 14:35	6°♄04'56			-35 Oct 11 j 10:26	0°♄	
	-37 Apr 01 j 04:48	0°♄			-35 Nov 07 j 04:27	0°♄	
	-37 Apr 26 j 14:10	0°♄		evening max el	-35 Nov 17 j 11:50	10°♄49'58	47°23'26

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-35 Dec 08 j 00:38	0°≈			-32 Mar 17 j 15:48	0°✕		
asc. node	-35 Dec 17 j 12:24	7°≈03'12			-32 Apr 11 j 05:51	0°Υ		
greatest brilliancy	-35 Dec 25 j 06:21	11°≈26'06	-4.7m		-32 May 05 j 19:13	0°Ϣ		
retrograde	-34 Jan 07 j 12:23	14°≈42'28		morning set	-32 May 14 j 08:29	10°Ϣ27'47		
evening set	-34 Jan 24 j 11:27	9°≈01'25			-32 May 30 j 07:14	0°Π		
min. Earth dist.	-34 Jan 27 j 11:03	7°≈10'38	0.27616 AU	asc. node	-32 Jun 03 j 07:42	4°Π55'53		
inferior conj	-34 Jan 28 j 09:48	6°≈34'47	8°09'32	max. Earth dist.	-32 Jun 17 j 00:42	21°Π46'40	1.73482 AU	
minimum elong	-34 Jan 28 j 03:09	6°≈45'16	8°08'50					
morning rise	-34 Jan 31 j 19:14	4°≈28'34		superior conj	-32 Jun 19 j 15:30	24°Π59'55	0°37'22	
	-34 Feb 10 j 02:00	30°Ϟ		minimum elong	-32 Jun 19 j 08:43	24°Π39'01	0°37'05	
direct	-34 Feb 18 j 03:36	28°Ϣ40'46			-32 Jun 23 j 16:58	0°Ϣ		
	-34 Feb 26 j 12:39	0°≈			-32 Jul 18 j 00:10	0°Ω		
greatest brilliancy	-34 Feb 28 j 16:34	0°≈44'00	-4.6m	evening rise	-32 Jul 25 j 09:41	9°Ω09'13		
desc. node	-34 Apr 08 j 02:17	29°≈08'26			-32 Aug 11 j 05:32	0°ϣ		
morning max el	-34 Apr 08 j 07:58	29°≈22'08	46°02'29		-32 Sep 04 j 10:28	0°⚳		
	-34 Apr 08 j 23:37	0°✕		desc. node	-32 Sep 22 j 21:33	22°⚳51'09		
	-34 May 07 j 19:49	0°Υ			-32 Sep 28 j 16:22	0°ϣ		
	-34 Jun 03 j 13:12	0°Ϣ			-32 Oct 23 j 00:35	0°ϣ		
	-34 Jun 29 j 07:08	0°Π			-32 Nov 16 j 13:26	0°Ϣ		
	-34 Jul 24 j 09:25	0°Ϣ			-32 Dec 11 j 12:40	0°≈		
asc. node	-34 Jul 30 j 05:21	7°Ϣ03'51			-31 Jan 06 j 12:28	0°✕		
	-34 Aug 17 j 23:24	0°Ω		asc. node	-31 Jan 14 j 00:24	8°✕15'05		
	-34 Sep 11 j 04:02	0°ϣ		evening max el	-31 Jan 27 j 17:55	22°✕36'43	46°26'30	
greatest brilliancy	-34 Sep 22 j 01:33	13°ϣ37'15	-3.9m		-31 Feb 04 j 08:16	0°Υ		
morning set	-34 Oct 02 j 17:34	27°ϣ00'15		greatest brilliancy	-31 Mar 04 j 00:32	20°Υ50'15	-4.6m	
	-34 Oct 05 j 02:47	0°⚳		retrograde	-31 Mar 18 j 17:10	24°Υ42'25		
	-34 Oct 28 j 22:51	0°ϣ		evening set	-31 Apr 04 j 05:14	19°Υ24'31		
				inferior conj	-31 Apr 09 j 02:08	16°Υ24'21	5°40'42	
superior conj	-34 Nov 11 j 19:31	17°ϣ27'42	0°16'32	minimum elong	-31 Apr 09 j 11:32	16°Υ09'29	5°38'40	
minimum elong	-34 Nov 11 j 23:51	17°ϣ41'19	0°16'19	min. Earth dist.	-31 Apr 09 j 05:42	16°Υ18'43	0.28901 AU	
behind sun begin	-34 Nov 11 j 22:23	17°ϣ36'41		morning rise	-31 Apr 14 j 18:00	12°Υ56'51		
behind sun end	-34 Nov 12 j 01:19	17°ϣ45'56		direct	-31 Apr 30 j 13:04	8°Υ06'36		
max. Earth dist.	-34 Nov 12 j 11:08	18°ϣ16'52	1.71008 AU	desc. node	-31 May 05 j 14:00	8°Υ35'18		
desc. node	-34 Nov 18 j 19:11	26°ϣ15'28		greatest brilliancy	-31 May 13 j 08:21	10°Υ59'46	-4.5m	
	-34 Nov 21 j 18:33	0°ϣ			-31 Jun 09 j 18:59	0°Ϣ		
	-34 Dec 15 j 15:12	0°Ϣ		morning max el	-31 Jun 18 j 08:26	7°Ϣ51'53	45°45'17	
evening rise	-34 Dec 23 j 16:29	10°Ϣ06'11			-31 Jul 10 j 03:02	0°Π		
	-33 Jan 08 j 13:54	0°≈			-31 Aug 06 j 02:26	0°Ϣ		
	-33 Feb 01 j 16:13	0°✕		asc. node	-31 Aug 26 j 17:19	24°Ϣ08'23		
	-33 Feb 26 j 00:25	0°Υ			-31 Aug 31 j 15:03	0°Ω		
asc. node	-33 Mar 11 j 22:13	16°Υ57'12			-31 Sep 25 j 07:21	0°ϣ		
	-33 Mar 22 j 17:30	0°Ϣ			-31 Oct 19 j 11:42	0°⚳		
	-33 Apr 16 j 23:32	0°Π			-31 Nov 12 j 10:08	0°ϣ		
	-33 May 13 j 01:57	0°Ϣ			-31 Dec 06 j 06:48	0°ϣ		
	-33 Jun 09 j 20:03	0°Ω		desc. node	-31 Dec 16 j 06:58	12°ϣ34'29		
evening max el	-33 Jun 22 j 00:53	12°Ω07'10	45°34'23	morning set	-31 Dec 17 j 16:39	14°ϣ20'15		
desc. node	-33 Jul 01 j 11:48	20°Ω47'56			-31 Dec 30 j 04:02	0°Ϣ		
	-33 Jul 12 j 20:07	0°ϣ			-30 Jan 23 j 02:59	0°≈		
greatest brilliancy	-33 Jul 29 j 20:16	9°ϣ47'22	-4.5m					
retrograde	-33 Aug 09 j 21:28	11°ϣ58'40		superior conj	-30 Jan 28 j 09:48	6°≈36'09	-1°-19'-34	
evening set	-33 Aug 27 j 22:45	5°ϣ58'15		minimum elong	-30 Jan 28 j 01:57	6°≈11'38	1°19'26	
inferior conj	-33 Aug 30 j 23:37	4°ϣ08'05	-8°-47'-12	max. Earth dist.	-30 Feb 01 j 09:06	11°≈33'34	1.71884 AU	
minimum elong	-33 Aug 31 j 01:18	4°ϣ05'30	8°47'11		-30 Feb 16 j 04:26	0°✕		
min. Earth dist.	-33 Aug 31 j 16:59	3°ϣ41'28	0.27858 AU	evening rise	-30 Mar 09 j 04:42	26°✕03'18		
morning rise	-33 Sep 03 j 03:36	2°ϣ12'36			-30 Mar 12 j 09:20	0°Υ		
	-33 Sep 07 j 01:44	30°Ϟ			-30 Apr 05 j 18:35	0°Ϣ		
direct	-33 Sep 21 j 02:03	26°Ω07'15		asc. node	-30 Apr 08 j 10:06	3°Ϣ14'25		
greatest brilliancy	-33 Oct 05 j 07:58	29°Ω46'32	-4.6m		-30 Apr 30 j 08:56	0°Π		
	-33 Oct 05 j 19:00	0°ϣ			-30 May 25 j 05:19	0°Ϣ		
asc. node	-33 Oct 22 j 14:45	11°ϣ24'51			-30 Jun 19 j 09:54	0°Ω		
morning max el	-33 Nov 10 j 18:07	29°ϣ17'39	46°51'49		-30 Jul 15 j 03:33	0°ϣ		
	-33 Nov 11 j 10:40	0°⚳		desc. node	-30 Jul 28 j 23:42	15°ϣ43'14		
	-33 Dec 08 j 20:03	0°ϣ			-30 Aug 10 j 21:38	0°⚳		
	-32 Jan 03 j 09:45	0°ϣ		evening max el	-30 Sep 03 j 10:02	24°⚳29'09	46°47'00	
	-32 Jan 28 j 08:13	0°Ϣ			-30 Sep 09 j 03:49	0°ϣ		
desc. node	-32 Feb 11 j 04:46	16°Ϣ48'26		greatest brilliancy	-30 Oct 12 j 12:10	24°ϣ07'05	-4.7m	
	-32 Feb 22 j 01:02	0°≈		retrograde	-30 Oct 23 j 12:40	26°ϣ22'02		

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-30 Nov 07 j 01:25	22° \mathbb{M} 10'46		minimum elong	-27 Apr 11 j 02:45	18° \mathbb{Y} 28'51	0°54'35
inferior conj	-30 Nov 13 j 00:21	18° \mathbb{M} 42'13	-1°-34'-38	max. Earth dist.	-27 Apr 12 j 12:43	20° \mathbb{Y} 13'18	1.73358 AU
minimum elong	-30 Nov 13 j 03:56	18° \mathbb{M} 36'46	1°33'30		-27 Apr 20 j 11:30	0° \mathcal{B}	
min. Earth dist.	-30 Nov 13 j 01:21	18° \mathbb{M} 40'41	0.26365 AU	asc. node	-27 May 05 j 21:56	18° \mathcal{B} 57'38	
morning rise	-30 Nov 19 j 06:27	15° \mathbb{M} 04'53			-27 May 14 j 21:52	0° \mathbb{I}	
asc. node	-30 Nov 19 j 02:33	15° \mathbb{M} 10'01		evening rise	-27 May 17 j 15:04	3° \mathbb{I} 19'55	
direct	-30 Dec 03 j 08:55	11° \mathbb{M} 06'23			-27 Jun 08 j 09:18	0° \mathcal{B}	
greatest brilliancy	-30 Dec 15 j 10:29	13° \mathbb{M} 50'56	-4.7m		-27 Jul 02 j 21:54	0° \mathcal{Q}	
	-29 Jan 07 j 22:38	0° \mathcal{X}			-27 Jul 27 j 12:48	0° \mathbb{M}	
morning max el	-29 Jan 22 j 19:36	14° \mathcal{X} 04'29	46°45'26		-27 Aug 21 j 08:01	0° \mathcal{L}	
	-29 Feb 07 j 01:32	0° \mathcal{B}		desc. node	-27 Aug 25 j 11:38	4° \mathcal{L} 59'30	
	-29 Mar 05 j 22:20	0° \approx			-27 Sep 15 j 10:29	0° \mathbb{M}	
desc. node	-29 Mar 10 j 16:36	5° \approx 28'15			-27 Oct 11 j 02:08	0° \mathcal{X}	
	-29 Mar 31 j 18:08	0° \mathcal{H}			-27 Nov 07 j 00:26	0° \mathcal{B}	
	-29 Apr 26 j 02:26	0° \mathbb{Y}		evening max el	-27 Nov 15 j 01:34	8° \mathcal{B} 24'14	47°23'48
	-29 May 21 j 03:47	0° \mathcal{B}			-27 Dec 08 j 15:22	0° \approx	
	-29 Jun 14 j 23:16	0° \mathbb{I}		asc. node	-27 Dec 16 j 14:36	5° \approx 36'12	
asc. node	-29 Jul 01 j 19:37	20° \mathbb{I} 32'42		greatest brilliancy	-27 Dec 22 j 23:25	9° \approx 05'15	-4.7m
	-29 Jul 09 j 12:42	0° \mathcal{B}		retrograde	-26 Jan 05 j 02:24	12° \approx 18'47	
morning set	-29 Jul 21 j 19:29	15° \mathcal{B} 07'24		evening set	-26 Jan 21 j 22:21	6° \approx 43'34	
	-29 Aug 02 j 20:05	0° \mathcal{Q}		min. Earth dist.	-26 Jan 25 j 01:09	4° \approx 48'14	0.27548 AU
max. Earth dist.	-29 Aug 23 j 22:43	26° \mathcal{Q} 15'58	1.72113 AU	inferior conj	-26 Jan 25 j 23:57	4° \approx 12'20	8°01'52
	-29 Aug 26 j 22:31	0° \mathbb{M}		minimum elong	-26 Jan 25 j 16:40	4° \approx 23'48	8°00'59
				morning rise	-26 Jan 29 j 11:20	2° \approx 03'10	
superior conj	-29 Aug 27 j 15:02	0° \mathbb{M} 51'36	1°24'32		-26 Feb 02 j 02:46	30° \mathcal{R} \mathcal{B}	
minimum elong	-29 Aug 27 j 15:38	0° \mathbb{M} 53'26	1°24'33	direct	-26 Feb 15 j 16:27	26° \mathcal{B} 19'18	
	-29 Sep 19 j 21:58	0° \mathcal{L}		greatest brilliancy	-26 Feb 26 j 06:20	28° \mathcal{B} 22'59	-4.6m
evening rise	-29 Oct 05 j 03:37	19° \mathcal{L} 05'26			-26 Mar 02 j 01:19	0° \approx	
	-29 Oct 13 j 20:29	0° \mathbb{M}		morning max el	-26 Apr 05 j 21:10	27° \approx 01'44	46°03'50
desc. node	-29 Oct 21 j 09:25	9° \mathbb{M} 26'43		desc. node	-26 Apr 07 j 04:20	28° \approx 17'21	
	-29 Nov 06 j 19:28	0° \mathcal{X}			-26 Apr 08 j 22:13	0° \mathcal{H}	
	-29 Nov 30 j 19:57	0° \mathcal{B}			-26 May 07 j 11:51	0° \mathbb{Y}	
	-29 Dec 24 j 23:47	0° \approx			-26 Jun 03 j 02:48	0° \mathcal{B}	
	-28 Jan 18 j 10:38	0° \mathcal{H}			-26 Jun 28 j 19:29	0° \mathbb{I}	
asc. node	-28 Feb 11 j 12:16	28° \mathcal{H} 52'29			-26 Jul 23 j 21:05	0° \mathcal{B}	
	-28 Feb 12 j 11:09	0° \mathbb{Y}		asc. node	-26 Jul 29 j 07:29	6° \mathcal{B} 35'10	
	-28 Mar 09 j 13:34	0° \mathcal{B}			-26 Aug 17 j 10:42	0° \mathcal{Q}	
	-28 Apr 07 j 01:18	0° \mathbb{I}			-26 Sep 10 j 15:11	0° \mathbb{M}	
evening max el	-28 Apr 08 j 16:16	1° \mathbb{I} 34'24	45°24'21	greatest brilliancy	-26 Sep 23 j 05:40	15° \mathbb{M} 45'41	-3.9m
greatest brilliancy	-28 May 13 j 01:13	27° \mathbb{I} 46'44	-4.5m	morning set	-26 Sep 30 j 07:16	24° \mathbb{M} 37'36	
	-28 May 18 j 22:31	0° \mathcal{B}			-26 Oct 04 j 13:55	0° \mathcal{L}	
retrograde	-28 May 27 j 03:32	1° \mathcal{B} 13'35			-26 Oct 28 j 10:01	0° \mathbb{M}	
desc. node	-28 Jun 02 j 01:59	0° \mathcal{B} 32'15					
	-28 Jun 04 j 01:25	30° \mathcal{R} \mathbb{I}		superior conj	-26 Nov 09 j 05:46	14° \mathbb{M} 53'36	0°20'23
evening set	-28 Jun 11 j 07:01	26° \mathbb{I} 50'48		minimum elong	-26 Nov 09 j 11:02	15° \mathbb{M} 10'10	0°20'08
inferior conj	-28 Jun 17 j 14:32	23° \mathbb{I} 04'42	-3°-32'-2	max. Earth dist.	-26 Nov 09 j 15:54	15° \mathbb{M} 25'31	1.71021 AU
minimum elong	-28 Jun 17 j 07:17	23° \mathbb{I} 16'01	3°30'06	desc. node	-26 Nov 17 j 21:18	25° \mathbb{M} 46'49	
min. Earth dist.	-28 Jun 17 j 17:09	23° \mathbb{I} 00'38	0.28902 AU		-26 Nov 21 j 05:46	0° \mathcal{X}	
morning rise	-28 Jun 23 j 07:22	19° \mathbb{I} 38'20			-26 Dec 15 j 02:28	0° \mathcal{B}	
direct	-28 Jul 09 j 07:24	14° \mathbb{I} 47'50		evening rise	-26 Dec 21 j 02:10	7° \mathcal{B} 30'43	
greatest brilliancy	-28 Jul 23 j 11:24	18° \mathbb{I} 17'54	-4.5m		-25 Jan 08 j 01:14	0° \approx	
	-28 Aug 10 j 10:20	0° \mathcal{B}			-25 Feb 01 j 03:39	0° \mathcal{H}	
	-28 Aug 27 j 16:29	15° \mathcal{B} 30'53	46°11'40		-25 Feb 25 j 12:04	0° \mathbb{Y}	
morning max el	-28 Sep 10 j 19:38	0° \mathcal{Q}		asc. node	-25 Mar 11 j 00:12	16° \mathbb{Y} 27'16	
asc. node	-28 Sep 23 j 05:04	13° \mathcal{Q} 34'11			-25 Mar 22 j 05:36	0° \mathcal{B}	
	-28 Oct 07 j 13:41	0° \mathbb{M}			-25 Apr 16 j 12:32	0° \mathbb{I}	
	-28 Nov 01 j 17:33	0° \mathcal{L}			-25 May 12 j 16:49	0° \mathcal{B}	
	-28 Nov 26 j 04:37	0° \mathbb{M}			-25 Jun 09 j 15:32	0° \mathcal{Q}	
	-28 Dec 20 j 09:00	0° \mathcal{X}		evening max el	-25 Jun 19 j 15:00	9° \mathcal{Q} 50'50	45°32'53
desc. node	-27 Jan 12 j 18:59	29° \mathcal{X} 07'58		desc. node	-25 Jun 30 j 14:00	19° \mathcal{Q} 49'37	
	-27 Jan 13 j 11:43	0° \mathcal{B}			-25 Jul 13 j 15:09	0° \mathbb{M}	
	-27 Feb 06 j 15:01	0° \approx		greatest brilliancy	-25 Jul 27 j 06:23	7° \mathbb{M} 26'02	-4.5m
	-27 Mar 02 j 19:52	0° \mathcal{H}		retrograde	-25 Aug 07 j 11:34	9° \mathbb{M} 41'03	
morning set	-27 Mar 03 j 16:37	1° \mathcal{H} 04'13		evening set	-25 Aug 25 j 12:16	3° \mathbb{M} 40'26	
	-27 Mar 27 j 02:41	0° \mathbb{Y}		inferior conj	-25 Aug 28 j 13:46	1° \mathbb{M} 49'26	-8°-47'-55
				minimum elong	-25 Aug 28 j 14:33	1° \mathbb{M} 48'14	8°47'56
superior conj	-27 Apr 10 j 17:29	18° \mathbb{Y} 00'20	0°-54'-55	min. Earth dist.	-25 Aug 29 j 06:22	1° \mathbb{M} 24'02	0.27917 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-25 Aug 31 j 16:37	29°♌55'50		-22 Mar 11 j 20:14	0°♍	
	-25 Aug 31 j 13:49	30°♌♌		-22 Apr 05 j 05:35	0°♌	
direct	-25 Sep 18 j 17:00	23°♌47'37	asc. node	-22 Apr 07 j 12:08	2°♌46'56	
greatest brilliancy	-25 Oct 03 j 00:29	27°♌29'06	-4.6m	-22 Apr 29 j 20:12	0°♌	
	-25 Oct 07 j 15:50	0°♌		-22 May 24 j 17:05	0°♌	
asc. node	-25 Oct 21 j 16:48	10°♌17'50		-22 Jun 18 j 22:32	0°♌	
morning max el	-25 Nov 08 j 09:13	26°♌56'58	46°50'59	-22 Jul 14 j 17:47	0°♌	
	-25 Nov 11 j 08:19	0°♌		-22 Jul 28 j 01:41	15°♌05'08	
	-25 Dec 08 j 12:08	0°♌		-22 Aug 10 j 15:07	0°♌	
	-24 Jan 02 j 23:42	0°♌		-22 Sep 01 j 00:13	22°♌08'09	46°44'24
	-24 Jan 27 j 21:04	0°♌		-22 Sep 09 j 07:06	0°♌	
desc. node	-24 Feb 10 j 06:45	16°♌16'41		-22 Oct 10 j 02:03	21°♌40'04	-4.6m
	-24 Feb 21 j 13:10	0°♌		-22 Oct 21 j 00:36	23°♌52'28	
	-24 Mar 17 j 03:26	0°♌		-22 Nov 04 j 15:16	19°♌39'35	
	-24 Apr 10 j 17:06	0°♌		-22 Nov 10 j 12:21	16°♌13'19	-1°-58'-53
	-24 May 05 j 06:12	0°♌		-22 Nov 10 j 16:49	16°♌06'31	1°57'29
morning set	-24 May 12 j 02:29	8°♌22'28		-22 Nov 10 j 14:52	16°♌09'30	0.26373 AU
	-24 May 29 j 18:04	0°♌		-22 Nov 16 j 18:21	12°♌35'53	
asc. node	-24 Jun 02 j 09:51	4°♌29'12		-22 Nov 18 j 04:42	11°♌52'20	
max. Earth dist.	-24 Jun 14 j 23:37	19°♌56'11	1.73508 AU	-22 Nov 30 j 21:29	8°♌37'31	
				-22 Dec 13 j 00:00	11°♌22'59	-4.7m
superior conj	-24 Jun 17 j 09:55	22°♌55'31	0°34'33	-21 Jan 08 j 05:23	0°♌	
minimum elong	-24 Jun 17 j 03:32	22°♌35'52	0°34'15	-21 Jan 20 j 08:25	11°♌38'36	46°46'31
	-24 Jun 23 j 03:48	0°♌		-21 Feb 06 j 19:46	0°♌	
	-24 Jul 17 j 11:06	0°♌		-21 Mar 05 j 12:56	0°♌	
evening rise	-24 Jul 23 j 03:50	7°♌02'56		-21 Mar 09 j 18:38	4°♌53'03	
	-24 Aug 10 j 16:38	0°♌		-21 Mar 31 j 07:02	0°♌	
	-24 Sep 03 j 21:48	0°♌		-21 Apr 25 j 14:22	0°♌	
desc. node	-24 Sep 21 j 23:34	22°♌21'34		-21 May 20 j 15:08	0°♌	
	-24 Sep 28 j 04:03	0°♌		-21 Jun 14 j 10:16	0°♌	
	-24 Oct 22 j 12:45	0°♌		-21 Jun 30 j 21:40	20°♌05'50	
	-24 Nov 16 j 02:20	0°♌		-21 Jul 08 j 23:29	0°♌	
	-24 Dec 11 j 02:48	0°♌		-21 Jul 19 j 12:41	12°♌59'20	
	-23 Jan 06 j 05:17	0°♌		-21 Aug 02 j 06:48	0°♌	
asc. node	-23 Jan 13 j 02:25	7°♌31'37		-21 Aug 21 j 11:15	23°♌51'53	1.72171 AU
evening max el	-23 Jan 25 j 09:56	20°♌22'22	46°29'08			
	-23 Feb 04 j 09:58	0°♌		superior conj	-21 Aug 25 j 07:01	28°♌38'06 1°24'34
greatest brilliancy	-23 Mar 01 j 17:12	18°♌39'12	-4.6m	minimum elong	-21 Aug 25 j 06:50	28°♌37'33 1°24'35
retrograde	-23 Mar 16 j 10:15	22°♌31'27			-21 Aug 26 j 09:16	0°♌
evening set	-23 Apr 02 j 00:11	17°♌09'28			-21 Sep 19 j 08:51	0°♌
inferior conj	-23 Apr 06 j 18:23	14°♌13'08	5°55'24	evening rise	-21 Oct 02 j 15:54	16°♌39'09
minimum elong	-23 Apr 07 j 03:51	13°♌58'09	5°53'26		-21 Oct 13 j 07:32	0°♌
min. Earth dist.	-23 Apr 06 j 21:06	14°♌08'50	0.28885 AU	desc. node	-21 Oct 20 j 11:32	8°♌58'40
morning rise	-23 Apr 12 j 07:45	10°♌49'24			-21 Nov 06 j 06:41	0°♌
direct	-23 Apr 28 j 05:17	5°♌55'48			-21 Nov 30 j 07:21	0°♌
desc. node	-23 May 04 j 16:05	6°♌42'31			-21 Dec 24 j 11:26	0°♌
greatest brilliancy	-23 May 10 j 21:57	8°♌46'55	-4.5m		-20 Jan 17 j 22:45	0°♌
	-23 Jun 09 j 21:07	0°♌		asc. node	-20 Feb 10 j 14:15	28°♌19'55
morning max el	-23 Jun 16 j 01:20	5°♌44'17	45°45'03		-20 Feb 12 j 00:14	0°♌
	-23 Jul 09 j 19:38	0°♌			-20 Mar 09 j 04:49	0°♌
	-23 Aug 05 j 16:09	0°♌		evening max el	-20 Apr 06 j 07:20	29°♌22'17 45°25'19
asc. node	-23 Aug 25 j 19:14	23°♌36'28			-20 Apr 06 j 23:01	0°♌
	-23 Aug 31 j 03:29	0°♌		greatest brilliancy	-20 May 10 j 16:12	25°♌36'56 -4.5m
	-23 Sep 24 j 19:09	0°♌		retrograde	-20 May 24 j 19:06	29°♌05'19
	-23 Oct 18 j 23:07	0°♌		desc. node	-20 Jun 01 j 04:09	28°♌01'21
	-23 Nov 11 j 21:21	0°♌		evening set	-20 Jun 08 j 22:13	24°♌43'35
	-23 Dec 05 j 17:54	0°♌		inferior conj	-20 Jun 15 j 06:48	20°♌56'08 -3°-13'-43
morning set	-23 Dec 15 j 02:40	11°♌46'16		minimum elong	-20 Jun 15 j 00:05	21°♌06'37 3°11'54
desc. node	-23 Dec 15 j 09:09	12°♌06'39		min. Earth dist.	-20 Jun 15 j 09:53	20°♌51'19 0.28917 AU
	-23 Dec 29 j 15:03	0°♌		morning rise	-20 Jun 21 j 01:40	17°♌26'33
	-22 Jan 22 j 13:56	0°♌		direct	-20 Jul 06 j 23:16	12°♌38'56
				greatest brilliancy	-20 Jul 21 j 03:06	16°♌07'54 -4.5m
superior conj	-22 Jan 25 j 21:12	4°♌07'42	-1°-18'-6		-20 Aug 10 j 18:01	0°♌
minimum elong	-22 Jan 25 j 12:35	3°♌40'46	1°17'57	morning max el	-20 Aug 25 j 06:42	13°♌14'43 46°10'14
max. Earth dist.	-22 Jan 29 j 21:58	9°♌09'52	1.71836 AU		-20 Sep 10 j 13:17	0°♌
	-22 Feb 15 j 15:20	0°♌		asc. node	-20 Sep 22 j 07:12	12°♌55'58
evening rise	-22 Mar 06 j 18:36	23°♌44'13			-20 Oct 07 j 03:55	0°♌

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-20 Nov 01 j 06:22	0°♌			-17 May 12 j 07:28	0°♏	
	-20 Nov 25 j 16:42	0°♍			-17 Jun 09 j 11:11	0°♎	
	-20 Dec 19 j 20:38	0°♐		evening max el	-17 Jun 17 j 05:54	7°♏37'31	45°31'14
desc. node	-19 Jan 11 j 20:56	28°♐38'52		desc. node	-17 Jun 29 j 15:56	18°♏50'17	
	-19 Jan 12 j 23:00	0°♑			-17 Jul 14 j 16:28	0°♐	
	-19 Feb 06 j 02:02	0°♒		greatest brilliancy	-17 Jul 24 j 16:13	5°♐05'17	-4.5m
morning set	-19 Mar 01 j 06:46	28°♒46'05		retrograde	-17 Aug 05 j 01:43	7°♐23'55	
	-19 Mar 02 j 06:39	0°♓		evening set	-17 Aug 23 j 01:21	1°♐23'50	
	-19 Mar 26 j 13:20	0°♈			-17 Aug 25 j 09:02	30°♐♏	
				inferior conj	-17 Aug 26 j 03:51	29°♏31'15	-8°-47'-44
superior conj	-19 Apr 08 j 10:22	15°♈52'02	0°-57'-23	minimum elong	-17 Aug 26 j 03:46	29°♏31'22	8°47'45
minimum elong	-19 Apr 08 j 19:47	16°♈21'00	0°57'03	min. Earth dist.	-17 Aug 26 j 19:24	29°♏07'28	0.27979 AU
max. Earth dist.	-19 Apr 10 j 07:58	18°♈12'20	1.73323 AU	morning rise	-17 Aug 29 j 06:01	27°♏38'44	
	-19 Apr 19 j 22:05	0°♉		direct	-17 Sep 16 j 08:26	21°♏28'35	
asc. node	-19 May 05 j 00:06	18°♉31'50		greatest brilliancy	-17 Sep 30 j 16:25	25°♏11'15	-4.6m
	-19 May 14 j 08:29	0°♊			-17 Oct 08 j 22:13	0°♐	
evening rise	-19 May 15 j 09:44	1°♊17'25		asc. node	-17 Oct 20 j 18:56	9°♐12'50	
	-19 Jun 07 j 20:05	0°♋		morning max el	-17 Nov 06 j 00:34	24°♐37'18	46°50'06
	-19 Jul 02 j 09:00	0°♌			-17 Nov 11 j 05:08	0°♑	
	-19 Jul 27 j 00:25	0°♍			-17 Dec 08 j 03:51	0°♒	
	-19 Aug 20 j 20:24	0°♎			-16 Jan 02 j 13:22	0°♓	
desc. node	-19 Aug 24 j 13:39	4°♎27'58			-16 Jan 27 j 09:38	0°♑	
	-19 Sep 15 j 00:02	0°♏		desc. node	-16 Feb 09 j 08:48	15°♑45'54	
	-19 Oct 10 j 17:43	0°♐			-16 Feb 21 j 01:03	0°♒	
	-19 Nov 06 j 20:38	0°♑			-16 Mar 16 j 14:50	0°♓	
evening max el	-19 Nov 12 j 15:06	5°♑59'09	47°24'12		-16 Apr 10 j 04:07	0°♈	
	-19 Dec 09 j 10:23	0°♒			-16 May 04 j 16:58	0°♉	
asc. node	-19 Dec 15 j 16:40	4°♒07'03		morning set	-16 May 09 j 20:52	6°♉19'00	
greatest brilliancy	-19 Dec 20 j 15:34	6°♒44'09	-4.7m		-16 May 29 j 04:42	0°♊	
retrograde	-18 Jan 02 j 16:38	9°♒56'17		asc. node	-16 Jun 01 j 11:54	4°♊02'59	
evening set	-18 Jan 19 j 09:06	4°♒26'41		max. Earth dist.	-16 Jun 12 j 23:13	18°♊08'32	1.73529 AU
min. Earth dist.	-18 Jan 22 j 15:09	2°♒26'54	0.27479 AU				
inferior conj	-18 Jan 23 j 14:05	1°♒50'51	7°53'14	superior conj	-16 Jun 15 j 04:43	20°♊53'03	0°31'42
minimum elong	-18 Jan 23 j 06:14	2°♒03'12	7°52'11	minimum elong	-16 Jun 14 j 22:46	20°♊34'44	0°31'26
	-18 Jan 26 j 13:29	30°♒♑			-16 Jun 22 j 14:25	0°♋	
morning rise	-18 Jan 27 j 03:42	29°♑38'35			-16 Jul 16 j 21:49	0°♌	
direct	-18 Feb 13 j 05:16	23°♑58'41		evening rise	-16 Jul 20 j 22:22	4°♌58'31	
greatest brilliancy	-18 Feb 23 j 20:26	26°♑03'31	-4.6m		-16 Aug 10 j 03:35	0°♍	
	-18 Mar 04 j 00:04	0°♒			-16 Sep 03 j 09:04	0°♎	
morning max el	-18 Apr 03 j 11:11	24°♒44'33	46°05'22	desc. node	-16 Sep 21 j 01:43	21°♎52'30	
desc. node	-18 Apr 06 j 06:25	27°♒28'40			-16 Sep 27 j 15:44	0°♏	
	-18 Apr 08 j 19:24	0°♓			-16 Oct 22 j 00:58	0°♐	
	-18 May 07 j 03:09	0°♈			-16 Nov 15 j 15:19	0°♑	
	-18 Jun 02 j 15:50	0°♉			-16 Dec 10 j 17:04	0°♒	
	-18 Jun 28 j 07:25	0°♊			-15 Jan 05 j 22:22	0°♓	
	-18 Jul 23 j 08:25	0°♋		asc. node	-15 Jan 12 j 04:25	6°♓47'43	
asc. node	-18 Jul 28 j 09:26	6°♋06'54		evening max el	-15 Jan 23 j 02:13	18°♓08'44	46°31'51
	-18 Aug 16 j 21:44	0°♌			-15 Feb 04 j 13:00	0°♈	
	-18 Sep 10 j 02:06	0°♍		greatest brilliancy	-15 Feb 27 j 11:07	16°♈30'10	-4.6m
greatest brilliancy	-18 Sep 24 j 12:24	18°♍03'07	-3.9m	retrograde	-15 Mar 14 j 03:10	20°♈20'51	
morning set	-18 Sep 27 j 20:54	22°♍15'34		evening set	-15 Mar 30 j 19:21	14°♈55'00	
	-18 Oct 04 j 00:48	0°♎		inferior conj	-15 Apr 04 j 10:45	12°♈02'27	6°09'40
	-18 Oct 27 j 20:55	0°♏		minimum elong	-15 Apr 04 j 20:15	11°♈47'24	6°07'44
				min. Earth dist.	-15 Apr 04 j 12:36	11°♈59'31	0.28863 AU
superior conj	-18 Nov 06 j 15:55	12°♏20'01	0°24'12	morning rise	-15 Apr 09 j 21:26	8°♈42'31	
minimum elong	-18 Nov 06 j 22:04	12°♏39'23	0°23'55	direct	-15 Apr 25 j 21:49	3°♈45'43	
max. Earth dist.	-18 Nov 06 j 23:42	12°♏44'31	1.71032 AU	desc. node	-15 May 03 j 18:14	4°♈54'20	
desc. node	-18 Nov 16 j 23:25	25°♏19'07		greatest brilliancy	-15 May 08 j 10:52	6°♈33'38	-4.5m
	-18 Nov 20 j 16:42	0°♐			-15 Jun 09 j 21:44	0°♉	
	-18 Dec 14 j 13:27	0°♑		morning max el	-15 Jun 13 j 17:42	3°♉35'52	45°44'57
evening rise	-18 Dec 18 j 11:53	4°♑56'11			-15 Jul 09 j 11:46	0°♊	
	-17 Jan 07 j 12:18	0°♒			-15 Aug 05 j 05:36	0°♋	
	-17 Jan 31 j 14:49	0°♓		asc. node	-15 Aug 24 j 21:26	23°♋05'51	
	-17 Feb 24 j 23:26	0°♈			-15 Aug 30 j 15:46	0°♌	
asc. node	-17 Mar 10 j 02:19	15°♈58'39			-15 Sep 24 j 06:52	0°♍	
	-17 Mar 21 j 17:23	0°♉			-15 Oct 18 j 10:34	0°♎	
	-17 Apr 16 j 01:14	0°♊			-15 Nov 11 j 08:39	0°♏	

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-15 Dec 05 j 05:07	0°♊		inferior conj	-12 Jun 12 j 23:09	18°♊46'58	-2°-55'-9
morning set	-15 Dec 12 j 12:15	9°♊10'27		minimum elong	-12 Jun 12 j 17:00	18°♊56'34	2°53'28
desc. node	-15 Dec 14 j 11:09	11°♊37'49		min. Earth dist.	-12 Jun 13 j 02:37	18°♊41'34	0.28929 AU
	-15 Dec 29 j 02:12	0°♋		morning rise	-12 Jun 18 j 19:59	15°♊14'31	
	-14 Jan 22 j 00:59	0°♌		direct	-12 Jul 04 j 15:07	10°♊29'18	
				greatest brilliancy	-12 Jul 18 j 19:55	13°♊58'44	-4.5m
superior conj	-14 Jan 23 j 08:06	1°♌37'15	-1°-16'-27		-12 Aug 10 j 23:46	0°♋	
minimum elong	-14 Jan 22 j 22:46	1°♌08'07	1°16'16	morning max el	-12 Aug 22 j 21:45	10°♋59'58	46°09'00
max. Earth dist.	-14 Jan 27 j 11:34	6°♌47'58	1.71781 AU		-12 Sep 10 j 06:48	0°♌	
	-14 Feb 15 j 02:19	0°♍		asc. node	-12 Sep 21 j 09:17	12°♌17'20	
evening rise	-14 Mar 04 j 08:11	21°♍23'47			-12 Oct 06 j 18:14	0°♍	
	-14 Mar 11 j 07:13	0°♎			-12 Oct 31 j 19:20	0°♎	
	-14 Apr 04 j 16:41	0°♏			-12 Nov 25 j 04:59	0°♏	
asc. node	-14 Apr 06 j 14:18	2°♏19'36			-12 Dec 19 j 08:30	0°♐	
	-14 Apr 29 j 07:34	0°♑		desc. node	-11 Jan 10 j 23:00	28°♐09'15	
	-14 May 24 j 04:57	0°♒			-11 Jan 12 j 10:35	0°♑	
	-14 Jun 18 j 11:16	0°♓			-11 Feb 05 j 13:24	0°♒	
	-14 Jul 14 j 08:09	0°♈		morning set	-11 Feb 26 j 20:18	26°♒24'37	
desc. node	-14 Jul 27 j 03:47	14°♈27'01			-11 Mar 01 j 17:51	0°♉	
	-14 Aug 10 j 08:58	0°♉			-11 Mar 26 j 00:24	0°♊	
evening max el	-14 Aug 29 j 13:23	19°♉44'47	46°41'36				
	-14 Sep 09 j 12:06	0°♊		superior conj	-11 Apr 06 j 02:44	13°♊40'48	0°-59'-48
greatest brilliancy	-14 Oct 07 j 16:19	19°♊13'26	-4.6m	minimum elong	-11 Apr 06 j 12:15	14°♊10'05	0°59'29
retrograde	-14 Oct 18 j 11:55	21°♊22'51		max. Earth dist.	-11 Apr 08 j 01:33	16°♊04'56	1.73284 AU
evening set	-14 Nov 02 j 05:19	17°♊07'51			-11 Apr 19 j 09:04	0°♋	
inferior conj	-14 Nov 08 j 00:26	13°♋44'13	-2°-22'-53	asc. node	-11 May 04 j 02:06	18°♋04'15	
minimum elong	-14 Nov 08 j 05:45	13°♋36'07	2°21'13	evening rise	-11 May 13 j 04:04	29°♋12'43	
min. Earth dist.	-14 Nov 08 j 04:45	13°♋37'40	0.26393 AU		-11 May 13 j 19:29	0°♌	
morning rise	-14 Nov 14 j 06:04	10°♌06'51			-11 Jun 07 j 07:14	0°♍	
asc. node	-14 Nov 17 j 06:46	8°♌38'40			-11 Jul 01 j 20:29	0°♎	
direct	-14 Nov 28 j 09:44	6°♌08'02			-11 Jul 26 j 12:26	0°♏	
greatest brilliancy	-14 Dec 10 j 14:52	8°♌55'47	-4.7m		-11 Aug 20 j 09:10	0°♐	
	-13 Jan 08 j 10:30	0°♑		desc. node	-11 Aug 23 j 15:49	3°♐55'47	
morning max el	-13 Jan 17 j 20:29	9°♑09'31	46°47'33		-11 Sep 14 j 13:59	0°♑	
	-13 Feb 06 j 13:58	0°♒			-11 Oct 10 j 09:46	0°♒	
	-13 Mar 05 j 03:41	0°♓			-11 Nov 06 j 17:42	0°♓	
desc. node	-13 Mar 08 j 20:50	4°♓17'39		evening max el	-11 Nov 10 j 05:11	3°♓35'00	47°24'33
	-13 Mar 30 j 20:05	0°♈			-11 Dec 10 j 12:37	0°♔	
	-13 Apr 25 j 02:28	0°♉		asc. node	-11 Dec 14 j 18:38	2°♔34'02	
	-13 May 20 j 02:39	0°♊		greatest brilliancy	-11 Dec 18 j 06:38	4°♔20'57	-4.7m
	-13 Jun 13 j 21:26	0°♋		retrograde	-11 Dec 31 j 07:19	7°♔33'01	
asc. node	-13 Jun 29 j 23:40	19°♋38'16		evening set	-10 Jan 16 j 19:44	2°♔08'50	
	-13 Jul 08 j 10:27	0°♌		min. Earth dist.	-10 Jan 20 j 04:48	0°♔04'57	0.27417 AU
morning set	-13 Jul 17 j 06:21	10°♌52'06			-10 Jan 20 j 07:58	30°♕♊	
	-13 Aug 01 j 17:41	0°♍		inferior conj	-10 Jan 21 j 04:13	29°♕28'18	7°43'35
max. Earth dist.	-13 Aug 19 j 02:43	21°♍36'31	1.72227 AU	minimum elong	-10 Jan 20 j 19:50	29°♕41'26	7°42'23
				morning rise	-10 Jan 24 j 20:17	27°♕12'43	
superior conj	-13 Aug 22 j 23:39	26°♍26'14	1°24'28	direct	-10 Feb 10 j 18:33	21°♕36'53	
minimum elong	-13 Aug 22 j 22:43	26°♍23'20	1°24'27	greatest brilliancy	-10 Feb 21 j 10:18	23°♕42'39	-4.6m
	-13 Aug 25 j 20:10	0°♎			-10 Mar 05 j 08:14	0°♖	
	-13 Sep 18 j 19:53	0°♏		morning max el	-10 Apr 01 j 02:05	22°♖28'06	46°06'42
evening rise	-13 Sep 30 j 04:57	14°♏14'54		desc. node	-10 Apr 05 j 08:32	26°♖39'31	
	-13 Oct 12 j 18:45	0°♐			-10 Apr 08 j 16:24	0°♗	
desc. node	-13 Oct 19 j 13:39	8°♐30'02			-10 May 06 j 18:45	0°♘	
	-13 Nov 05 j 18:06	0°♑			-10 Jun 02 j 05:14	0°♙	
	-13 Nov 29 j 19:01	0°♒			-10 Jun 27 j 19:42	0°♚	
	-13 Dec 23 j 23:26	0°♓			-10 Jul 22 j 20:05	0°♛	
	-12 Jan 17 j 11:19	0°♈		asc. node	-10 Jul 27 j 11:36	5°♛38'17	
asc. node	-12 Feb 09 j 16:26	27°♈46'28			-10 Aug 16 j 09:05	0°♜	
	-12 Feb 11 j 13:51	0°♉			-10 Sep 09 j 13:20	0°♝	
	-12 Mar 08 j 20:46	0°♊		morning set	-10 Sep 25 j 10:48	19°♝53'28	
evening max el	-12 Apr 03 j 21:50	27°♊07'45	45°26'38		-10 Oct 03 j 12:00	0°♞	
	-12 Apr 06 j 22:05	0°♋			-10 Oct 27 j 08:08	0°♟	
greatest brilliancy	-12 May 08 j 06:20	23°♋25'16	-4.5m				
retrograde	-12 May 22 j 11:07	26°♋56'37		superior conj	-10 Nov 04 j 02:27	9°♌46'38	0°27'57
desc. node	-12 May 31 j 06:07	25°♋25'32		minimum elong	-10 Nov 04 j 09:25	10°♌08'35	0°27'36
evening set	-12 Jun 06 j 13:40	22°♋35'24		max. Earth dist.	-10 Nov 04 j 08:29	10°♌05'38	1.71040 AU

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Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-10 Nov 16 j 01:24	24° \mathbb{M} 50'01		greatest brilliancy	-7 May 05 j 23:39	4° Υ 19'41	-4.5m
	-10 Nov 20 j 03:56	0° \mathcal{Z}			-7 Jun 09 j 21:28	0° \mathcal{B}	
	-10 Dec 14 j 00:44	0° \mathcal{Z}		morning max el	-7 Jun 11 j 09:11	1° \mathcal{B} 24'37	45°44'44
evening rise	-10 Dec 15 j 21:53	2° \mathcal{Z} 21'39			-7 Jul 09 j 03:54	0° \mathbb{I}	
	-9 Jan 06 j 23:38	0° \approx			-7 Aug 04 j 19:13	0° \mathcal{S}	
	-9 Jan 31 j 02:16	0° \mathcal{H}		asc. node	-7 Aug 23 j 23:32	22° \mathcal{S} 34'21	
	-9 Feb 24 j 11:08	0° Υ			-7 Aug 30 j 04:14	0° \mathcal{Q}	
asc. node	-9 Mar 09 j 04:25	15° Υ 28'50			-7 Sep 23 j 18:43	0° \mathbb{M}	
	-9 Mar 21 j 05:36	0° \mathcal{B}			-7 Oct 17 j 22:06	0° $\underline{\mathcal{L}}$	
	-9 Apr 15 j 14:28	0° \mathbb{I}			-7 Nov 10 j 20:02	0° \mathbb{M}	
	-9 May 11 j 22:49	0° \mathcal{S}			-7 Dec 04 j 16:25	0° \mathcal{Z}	
	-9 Jun 09 j 08:02	0° \mathcal{Q}		morning set	-7 Dec 09 j 21:48	6° \mathcal{Z} 34'12	
evening max el	-9 Jun 14 j 21:16	5° \mathcal{Q} 24'08	45°29'45	desc. node	-7 Dec 13 j 13:12	11° \mathcal{Z} 08'52	
desc. node	-9 Jun 28 j 18:03	17° \mathcal{Q} 48'44			-7 Dec 28 j 13:25	0° \mathcal{Z}	
	-9 Jul 16 j 05:02	0° \mathbb{M}					
greatest brilliancy	-9 Jul 22 j 03:14	2° \mathbb{M} 45'04	-4.5m	superior conj	-6 Jan 20 j 18:57	29° \mathcal{Z} 06'21	-1°-14'-39
retrograde	-9 Aug 02 j 15:49	5° \mathbb{M} 05'58		minimum elong	-6 Jan 20 j 09:01	28° \mathcal{Z} 35'18	1°14'26
	-9 Aug 19 j 01:56	30° \mathcal{R} \mathcal{Q}			-6 Jan 21 j 12:07	0° \approx	
evening set	-9 Aug 20 j 14:10	29° \mathcal{Q} 07'24		max. Earth dist.	-6 Jan 24 j 23:29	4° \approx 20'29	1.71725 AU
inferior conj	-9 Aug 23 j 18:02	27° \mathcal{Q} 12'32	-8°-46'-42		-6 Feb 14 j 13:23	0° \mathcal{H}	
minimum elong	-9 Aug 23 j 17:06	27° \mathcal{Q} 13'57	8°46'42	evening rise	-6 Mar 01 j 21:41	19° \mathcal{H} 02'45	
min. Earth dist.	-9 Aug 24 j 08:27	26° \mathcal{Q} 50'25	0.28034 AU		-6 Mar 10 j 18:16	0° Υ	
morning rise	-9 Aug 26 j 19:53	25° \mathcal{Q} 20'22			-6 Apr 04 j 03:50	0° \mathcal{B}	
direct	-9 Sep 13 j 23:57	19° \mathcal{Q} 09'17		asc. node	-6 Apr 05 j 16:19	1° \mathcal{B} 51'36	
greatest brilliancy	-9 Sep 28 j 07:10	22° \mathcal{Q} 51'17	-4.6m		-6 Apr 28 j 18:59	0° \mathbb{I}	
	-9 Oct 09 j 20:33	0° \mathbb{M}			-6 May 23 j 16:54	0° \mathcal{S}	
asc. node	-9 Oct 19 j 21:00	8° \mathbb{M} 08'37			-6 Jun 18 j 00:11	0° \mathcal{Q}	
morning max el	-9 Nov 03 j 15:25	22° \mathbb{M} 15'45	46°49'07		-6 Jul 13 j 22:50	0° \mathbb{M}	
	-9 Nov 11 j 01:34	0° $\underline{\mathcal{L}}$		desc. node	-6 Jul 26 j 05:55	13° \mathbb{M} 48'16	
	-9 Dec 07 j 19:36	0° \mathbb{M}			-6 Aug 10 j 03:26	0° $\underline{\mathcal{L}}$	
	-8 Jan 02 j 03:10	0° \mathcal{Z}		evening max el	-6 Aug 27 j 01:36	17° $\underline{\mathcal{L}}$ 18'48	46°38'53
	-8 Jan 26 j 22:22	0° \mathcal{Z}			-6 Sep 09 j 19:25	0° \mathbb{M}	
desc. node	-8 Feb 08 j 10:59	15° \mathcal{Z} 14'58		greatest brilliancy	-6 Oct 05 j 06:43	16° \mathbb{M} 46'43	-4.6m
	-8 Feb 20 j 13:06	0° \approx		retrograde	-6 Oct 15 j 23:10	18° \mathbb{M} 53'22	
	-8 Mar 16 j 02:24	0° \mathcal{H}		evening set	-6 Oct 30 j 19:29	14° \mathbb{M} 35'41	
	-8 Apr 09 j 15:22	0° Υ		inferior conj	-6 Nov 05 j 12:32	11° \mathbb{M} 15'10	-2°-46'-24
	-8 May 04 j 04:00	0° \mathcal{B}		minimum elong	-6 Nov 05 j 18:40	11° \mathbb{M} .05'51	2°44'31
morning set	-8 May 07 j 15:06	4° \mathcal{B} 14'15		min. Earth dist.	-6 Nov 05 j 18:43	11° \mathbb{M} .05'45	0.26415 AU
	-8 May 28 j 15:38	0° \mathbb{I}		morning rise	-6 Nov 11 j 17:33	7° \mathbb{M} 38'19	
asc. node	-8 May 31 j 13:56	3° \mathbb{I} 35'41		asc. node	-6 Nov 16 j 08:47	5° \mathbb{M} 29'58	
max. Earth dist.	-8 Jun 10 j 20:44	16° \mathbb{I} 13'32	1.73550 AU	direct	-6 Nov 25 j 21:32	3° \mathbb{M} 38'24	
				greatest brilliancy	-6 Dec 08 j 06:21	6° \mathbb{M} 29'30	-4.7m
superior conj	-8 Jun 12 j 23:18	18° \mathbb{I} 48'57	0°28'47		-5 Jan 08 j 13:46	0° \mathcal{Z}	
minimum elong	-8 Jun 12 j 17:49	18° \mathbb{I} 32'07	0°28'32	morning max el	-5 Jan 15 j 08:39	6° \mathcal{Z} 40'37	46°48'33
	-8 Jun 22 j 01:21	0° \mathcal{S}			-5 Feb 06 j 07:40	0° \mathcal{Z}	
	-8 Jul 16 j 08:51	0° \mathcal{Q}			-5 Mar 04 j 18:11	0° \approx	
evening rise	-8 Jul 18 j 16:38	2° \mathcal{Q} 52'27		desc. node	-5 Mar 07 j 22:48	3° \approx 42'02	
	-8 Aug 09 j 14:48	0° \mathbb{M}			-5 Mar 30 j 09:01	0° \mathcal{H}	
	-8 Sep 02 j 20:35	0° $\underline{\mathcal{L}}$			-5 Apr 24 j 14:28	0° Υ	
desc. node	-8 Sep 20 j 03:45	21° $\underline{\mathcal{L}}$ 22'17			-5 May 19 j 14:04	0° \mathcal{B}	
	-8 Sep 27 j 03:39	0° \mathbb{M}			-5 Jun 13 j 08:30	0° \mathbb{I}	
	-8 Oct 21 j 13:27	0° \mathcal{Z}		asc. node	-5 Jun 29 j 01:52	19° \mathbb{I} 11'35	
	-8 Nov 15 j 04:35	0° \mathcal{Z}			-5 Jul 07 j 21:20	0° \mathcal{S}	
	-8 Dec 10 j 07:41	0° \approx		morning set	-5 Jul 14 j 23:59	8° \mathcal{S} 45'02	
	-7 Jan 05 j 16:00	0° \mathcal{H}			-5 Aug 01 j 04:31	0° \mathcal{Q}	
asc. node	-7 Jan 11 j 06:39	6° \mathcal{H} 03'23		max. Earth dist.	-5 Aug 16 j 19:38	19° \mathcal{Q} 25'45	1.72288 AU
evening max el	-7 Jan 20 j 18:01	15° \mathcal{H} 53'08	46°34'32				
	-7 Feb 04 j 17:59	0° Υ		superior conj	-5 Aug 20 j 16:07	24° \mathcal{Q} 13'58	1°24'13
greatest brilliancy	-7 Feb 25 j 05:48	14° Υ 21'36	-4.6m	minimum elong	-5 Aug 20 j 14:27	24° \mathcal{Q} 08'46	1°24'13
retrograde	-7 Mar 11 j 19:43	18° Υ 09'44			-5 Aug 25 j 07:04	0° \mathbb{M}	
evening set	-7 Mar 28 j 14:32	12° Υ 40'13			-5 Sep 18 j 06:55	0° $\underline{\mathcal{L}}$	
inferior conj	-7 Apr 02 j 03:09	9° Υ 51'25	6°23'14	evening rise	-5 Sep 27 j 17:49	11° $\underline{\mathcal{L}}$ 50'12	
minimum elong	-7 Apr 02 j 12:37	9° Υ 36'25	6°21'24		-5 Oct 12 j 05:57	0° \mathbb{M}	
min. Earth dist.	-7 Apr 02 j 04:16	9° Υ 49'39	0.28840 AU	desc. node	-5 Oct 18 j 15:37	8° \mathbb{M} .01'02	
morning rise	-7 Apr 07 j 11:00	6° Υ 35'20			-5 Nov 05 j 05:28	0° \mathcal{Z}	
direct	-7 Apr 23 j 14:11	1° Υ 35'21			-5 Nov 29 j 06:37	0° \mathcal{Z}	
desc. node	-7 May 02 j 20:12	3° Υ 09'31			-5 Dec 23 j 11:22	0° \approx	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-4 Jan 16 j 23:49	0° H		asc. node	-2 Jul 26 j 13:42	5° G 10'32	
asc. node	-4 Feb 08 j 18:29	27° H 12'55			-2 Aug 15 j 20:05	0° Q	
	-4 Feb 11 j 03:26	0° Y			-2 Sep 09 j 00:13	0° M	
	-4 Mar 08 j 12:48	0° B		morning set	-2 Sep 23 j 01:02	17° M 33'38	
evening max el	-4 Apr 01 j 12:47	24° B 54'49	45°28'06		-2 Oct 02 j 22:52	0° L	
	-4 Apr 06 j 21:59	0° II			-2 Oct 26 j 19:02	0° M	
greatest brilliancy	-4 May 05 j 19:56	21° II 13'36	-4.5m				
retrograde	-4 May 20 j 03:40	24° II 48'42		superior conj	-2 Nov 01 j 13:06	7° M 14'36	0°31'36
desc. node	-4 May 30 j 08:12	22° II 46'03		minimum elong	-2 Nov 01 j 20:48	7° M 38'52	0°31'15
evening set	-4 Jun 04 j 05:19	20° II 27'40		max. Earth dist.	-2 Nov 01 j 16:38	7° M 25'45	1.71055 AU
inferior conj	-4 Jun 10 j 15:30	16° II 38'27	-2°-36'-25	desc. node	-2 Nov 15 j 03:33	24° M 22'15	
minimum elong	-4 Jun 10 j 09:56	16° II 47'06	2°34'52		-2 Nov 19 j 14:54	0° J	
min. Earth dist.	-4 Jun 10 j 19:02	16° II 32'57	0.28941 AU	evening rise	-2 Dec 13 j 07:27	29° J 46'27	
morning rise	-4 Jun 16 j 14:14	13° II 03'32			-2 Dec 13 j 11:47	0° B	
direct	-4 Jul 02 j 07:14	8° II 20'22			-1 Jan 06 j 10:45	0° \approx	
greatest brilliancy	-4 Jul 16 j 12:59	11° II 50'50	-4.5m		-1 Jan 30 j 13:29	0° H	
	-4 Aug 11 j 03:19	0° G			-1 Feb 23 j 22:35	0° Y	
morning max el	-4 Aug 20 j 13:36	8° G 48'05	46°07'37	asc. node	-1 Mar 08 j 06:26	14° Y 59'33	
	-4 Sep 09 j 23:45	0° Q			-1 Mar 20 j 17:33	0° B	
asc. node	-4 Sep 20 j 11:18	11° Q 39'20			-1 Apr 15 j 03:26	0° II	
	-4 Oct 06 j 08:17	0° M			-1 May 11 j 14:00	0° G	
	-4 Oct 31 j 08:08	0° L			-1 Jun 09 j 05:09	0° Q	
	-4 Nov 24 j 17:07	0° M		evening max el	-1 Jun 12 j 12:41	3° Q 12'00	45°28'18
	-4 Dec 18 j 20:12	0° J		desc. node	-1 Jun 27 j 20:13	16° Q 47'06	
desc. node	-3 Jan 10 j 01:12	27° J 40'37			-1 Jul 18 j 11:56	0° M	
	-3 Jan 11 j 21:58	0° B		greatest brilliancy	-1 Jul 19 j 15:33	0° M 27'55	-4.5m
	-3 Feb 05 j 00:31	0° \approx		retrograde	-1 Jul 31 j 05:43	2° M 49'53	
morning set	-3 Feb 24 j 09:33	24° \approx 02'58			-1 Aug 12 j 07:10	30° R Q	
	-3 Mar 01 j 04:47	0° H		evening set	-1 Aug 18 j 02:50	26° Q 53'45	
	-3 Mar 25 j 11:12	0° Y		inferior conj	-1 Aug 21 j 08:27	24° Q 55'57	-8°-44'-47
				minimum elong	-1 Aug 21 j 06:40	24° Q 58'42	8°44'46
superior conj	-3 Apr 03 j 19:00	11° Y 29'56	-1°-2'-8	min. Earth dist.	-1 Aug 21 j 22:01	24° Q 35'06	0.28085 AU
minimum elong	-3 Apr 04 j 04:35	11° Y 59'26	1°01'50	morning rise	-1 Aug 24 j 10:21	23° Q 03'28	
max. Earth dist.	-3 Apr 05 j 19:27	13° Y 59'08	1.73247 AU	direct	-1 Sep 11 j 15:16	16° Q 52'12	
	-3 Apr 18 j 19:49	0° B		greatest brilliancy	-1 Sep 25 j 21:23	20° Q 32'26	-4.6m
asc. node	-3 May 03 j 04:11	17° B 37'42			-1 Oct 10 j 12:21	0° M	
evening rise	-3 May 10 j 22:28	27° B 09'00		asc. node	-1 Oct 18 j 23:03	7° M 07'27	
	-3 May 13 j 06:15	0° II		morning max el	-1 Nov 01 j 05:20	19° M 53'15	46°48'02
	-3 Jun 06 j 18:09	0° G			-1 Nov 10 j 20:53	0° L	
	-3 Jul 01 j 07:43	0° Q			-1 Dec 07 j 10:43	0° M	
	-3 Jul 26 j 00:10	0° M			00 Jan 01 j 16:32	0° J	
	-3 Aug 19 j 21:43	0° L			00 Jan 26 j 10:46	0° B	
desc. node	-3 Aug 22 j 17:50	3° L 23'50		desc. node	00 Feb 07 j 12:57	14° B 44'16	
	-3 Sep 14 j 03:49	0° M			00 Feb 20 j 00:52	0° \approx	
	-3 Oct 10 j 01:55	0° J			00 Mar 15 j 13:43	0° H	
	-3 Nov 06 j 15:26	0° B			00 Apr 09 j 02:18	0° Y	
evening max el	-3 Nov 07 j 20:08	1° B 13'20	47°24'44		00 May 03 j 14:42	0° B	
	-3 Dec 12 j 01:50	0° \approx		morning set	00 May 05 j 09:09	2° B 09'55	
asc. node	-3 Dec 13 j 20:51	0° \approx 57'54			00 May 28 j 02:13	0° II	
greatest brilliancy	-3 Dec 15 j 21:31	1° \approx 57'20	-4.7m	asc. node	00 May 30 j 16:06	3° II 09'53	
retrograde	-3 Dec 28 j 22:09	5° \approx 09'07		max. Earth dist.	00 Jun 08 j 17:21	14° II 16'53	1.73569 AU
	-2 Jan 13 j 23:32	30° R B					
evening set	-2 Jan 14 j 06:02	29° B 50'31		superior conj	00 Jun 10 j 17:52	16° II 46'01	0°25'51
min. Earth dist.	-2 Jan 17 j 17:55	27° B 42'47	0.27349 AU	minimum elong	00 Jun 10 j 12:54	16° II 30'44	0°25'37
inferior conj	-2 Jan 18 j 18:01	27° B 05'10	7°33'04		00 Jun 21 j 11:57	0° G	
minimum elong	-2 Jan 18 j 09:09	27° B 19'00	7°31'41		00 Jul 15 j 19:34	0° Q	
morning rise	-2 Jan 22 j 12:42	24° B 46'09		evening rise	00 Jul 16 j 11:06	0° Q 48'02	
direct	-2 Feb 08 j 08:03	19° B 14'50			00 Aug 09 j 01:42	0° M	
greatest brilliancy	-2 Feb 18 j 22:54	21° B 20'31	-4.6m		00 Sep 02 j 07:46	0° L	
	-2 Mar 06 j 07:10	0° \approx		desc. node	00 Sep 19 j 05:47	20° L 53'10	
morning max el	-2 Mar 29 j 17:04	20° \approx 12'38	46°08'04		00 Sep 26 j 15:15	0° M	
desc. node	-2 Apr 04 j 10:34	25° \approx 51'52			00 Oct 21 j 01:36	0° J	
	-2 Apr 08 j 12:22	0° H			00 Nov 14 j 17:33	0° B	
	-2 May 06 j 09:45	0° Y			00 Dec 09 j 22:05	0° \approx	
	-2 Jun 01 j 18:11	0° B			01 Jan 05 j 09:42	0° H	
	-2 Jun 27 j 07:35	0° II		asc. node	01 Jan 10 j 08:39	5° H 18'33	
	-2 Jul 22 j 07:23	0° G		evening max el	01 Jan 18 j 08:49	13° H 35'30	46°36'59